

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\  
 Data File : VW004762.D  
 Acq On : 18 Aug 2018 06:05  
 Operator : SY/AP  
 Sample : VW0819SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

Manual Integrations  
 APPROVED

apatel  
 8/20/2018 9:56:49 AM

Quant Time: Aug 18 07:07:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 616131   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 963125   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 916656   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 487169   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 319132   | 53.57 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 107.14% |      |
| 35) Dibromofluoromethane    | 7.88   | 113 | 320311   | 52.04 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.08% |      |
| 50) Toluene-d8              | 10.33  | 98  | 1260999  | 52.48 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.96% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 454568   | 52.58 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.16% |      |

|                               |      |     |         |        |        |        |
|-------------------------------|------|-----|---------|--------|--------|--------|
| Target Compounds              |      |     |         |        |        | Qvalue |
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 80594   | 19.75  | ug/l   | 96     |
| 3) Chloromethane              | 2.21 | 50  | 113960  | 21.36  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.37 | 62  | 174193  | 22.18  | ug/l   | 100    |
| 5) Bromomethane               | 2.78 | 94  | 110012  | 22.68  | ug/l   | 100    |
| 6) Chloroethane               | 2.92 | 64  | 105474  | 22.26  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 79142   | 21.39  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.68 | 74  | 76821   | 22.96  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 134395  | 21.09  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.26 | 142 | 217044  | 22.43  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 37938   | 114.00 | ug/l # | 91     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 136998  | 21.58  | ug/l   | 96     |
| 13) Acrolein                  | 3.89 | 56  | 48489   | 108.58 | ug/l   | 97     |
| 14) Allyl chloride            | 4.67 | 41  | 207092  | 21.49  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 164267  | 117.08 | ug/l   | 98     |
| 16) Acetone                   | 4.14 | 43  | 148670  | 97.77  | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.37 | 76  | 458040  | 21.95  | ug/l   | 98     |
| 18) Methyl Acetate            | 4.68 | 43  | 76429   | 23.45  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.42 | 73  | 189374  | 22.98  | ug/l   | 100    |
| 20) Methylene Chloride        | 4.91 | 84  | 183442  | 24.19  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 151315  | 22.40  | ug/l   | 95     |
| 22) Diisopropyl ether         | 6.31 | 45  | 440456  | 23.78  | ug/l   | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 1150075 | 109.79 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 270481  | 22.47  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 237532  | 109.63 | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 134731  | 19.38  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 163051  | 22.42  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 108833  | 21.47  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 7.54 | 42  | 126344  | 114.36 | ug/l   | 99     |
| 30) Chloroform                | 7.68 | 83  | 266555  | 22.52  | ug/l   | 97     |
| 31) Cyclohexane               | 7.96 | 56  | 244785  | 21.03  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 205230  | 21.87  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 207798  | 20.94  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 89053   | 22.52  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 189089  | 20.70  | ug/l   | 97     |

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 Sample : VW0819SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

Manual Integrations  
 APPROVED

apatel  
 8/20/2018 9:56:49 AM

Quant Time: Aug 18 07:07:16 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 243399   | 19.62  | ug/l   | 97       |
| 40) Benzene                    | 8.32  | 78   | 624823   | 21.67  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 47612    | 21.21  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 164004   | 22.18  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 157204   | 22.13  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 153816   | 21.01  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 151914   | 21.54  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 77433    | 22.16  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 179358   | 21.49  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 74063    | 22.22  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 24012    | 470.35 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 538558   | 112.17 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 382194   | 22.10  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 172832   | 20.56  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 205555   | 20.51  | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 112409   | 22.63  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 126594   | 21.33  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 189351   | 22.08  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 301173   | 109.79 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 357202   | 109.80 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 120813   | 21.68  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 102658   | 21.62  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 145928   | 23.29  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.66 | 112  | 417341   | 21.15  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 141301   | 21.21  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 700152   | 20.93  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 555680   | 42.70  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 256514   | 21.29  | ug/l   | 99       |
| 70) Styrene                    | 12.19 | 104  | 435949   | 21.54  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 73679    | 20.95  | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.47 | 105  | 694061   | 20.94  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 146078   | 21.33  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 135645   | 22.09  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 88387m   | 20.58  | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 171655   | 21.40  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 865666   | 21.40  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 496645   | 21.30  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 614128   | 21.81  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 35223    | 19.06  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 532986   | 21.52  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 502895   | 20.88  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 633768   | 21.88  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 757800   | 21.08  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 657051   | 21.00  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 350946   | 21.51  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 348497   | 21.37  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.84 | 91   | 608297   | 20.11  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 116634   | 20.45  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 319133   | 21.77  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 21071    | 21.96  | ug/l   | 97       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\  
Data File : VW004762.D  
Acq On : 18 Aug 2018 06:05  
Operator : SY/AP  
Sample : VW0819SBSD02  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

Manual Integrations  
APPROVED

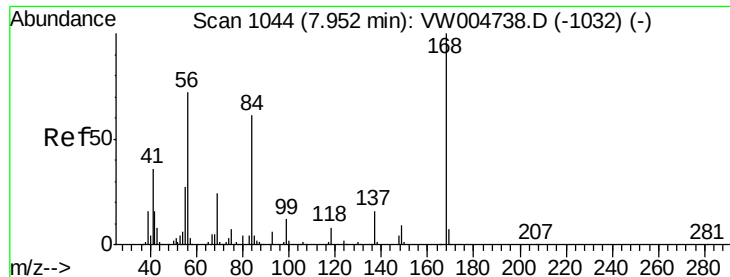
apatel  
8/20/2018 9:56:49 AM

Quant Time: Aug 18 07:07:16 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 18 01:49:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 213819   | 20.63 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 124791   | 19.61 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 378432   | 21.03 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 195109   | 21.22 | ug/l  | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion:168 Resp: 616131

Ion Ratio Lower Upper

168 100

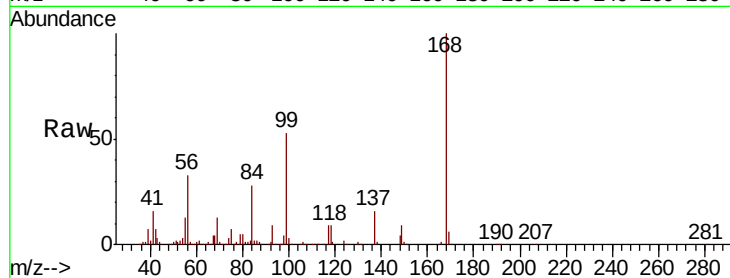
99 53.2 41.0 61.4

Manual Integrations

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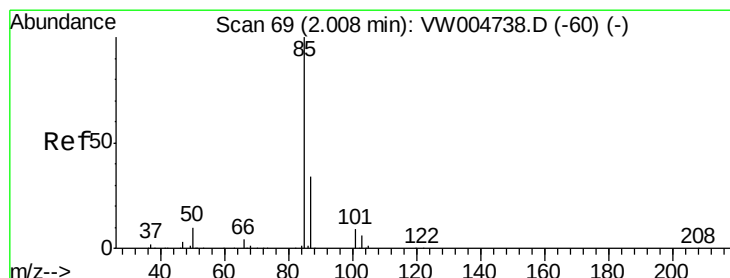
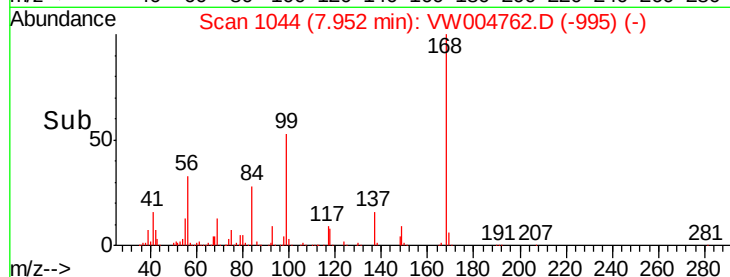
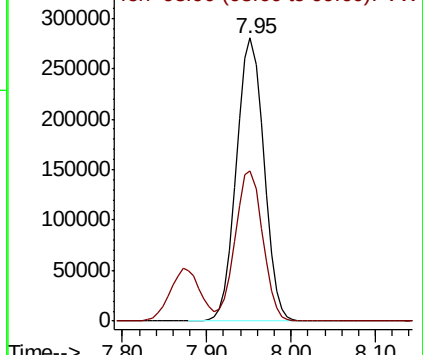
apatel

8/20/2018 9:56:49 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 19.75 ug/l

RT: 2.01 min Scan# 69

Delta R.T. 0.00 min

Lab File: VW004762.D

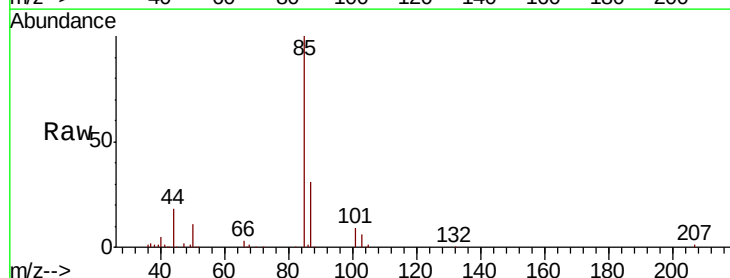
Acq: 18 Aug 2018 06:05

Tgt Ion: 85 Resp: 80594

Ion Ratio Lower Upper

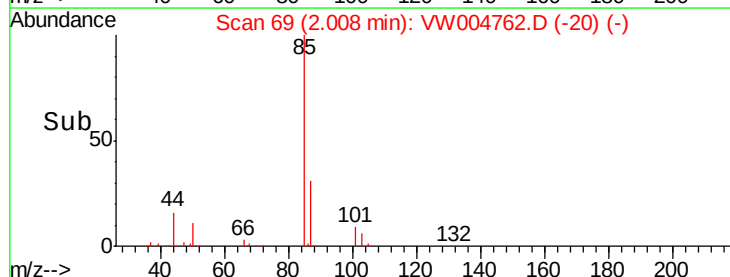
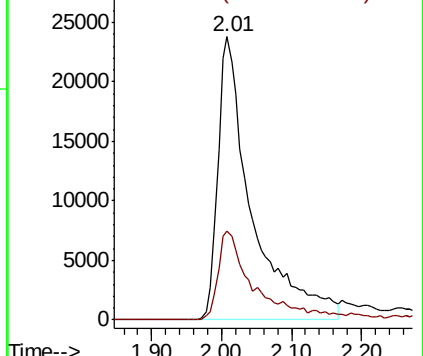
85 100

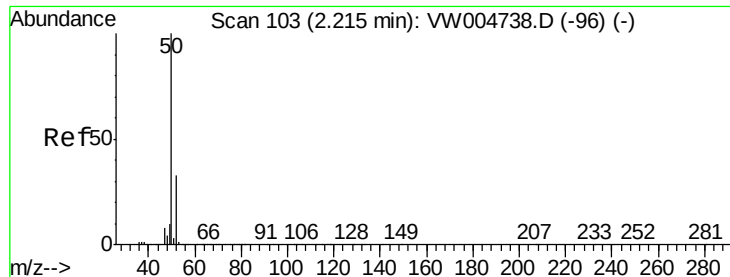
87 31.4 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 21.36 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 50 Resp: 113960

Ion Ratio Lower Upper

50 100

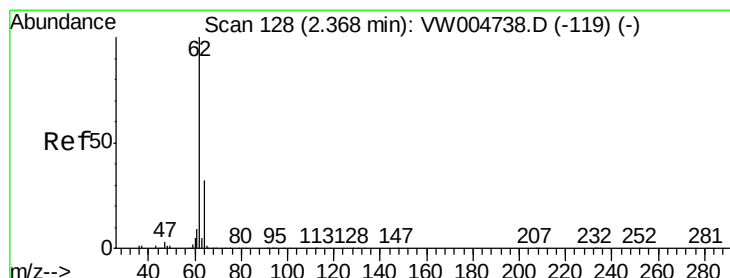
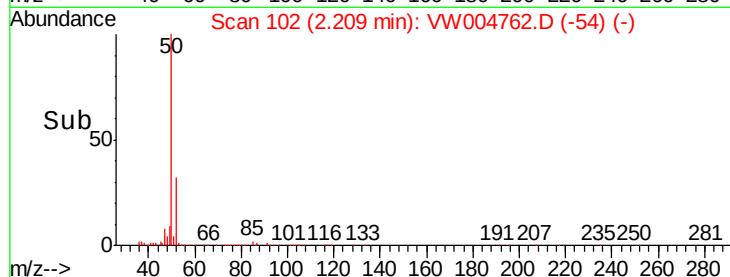
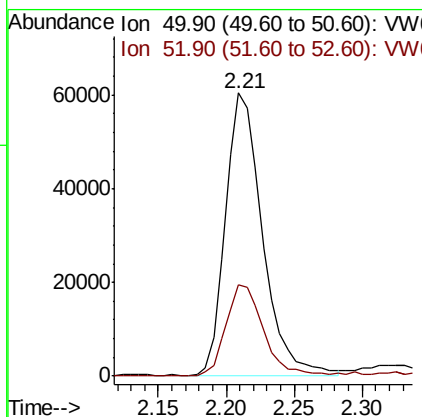
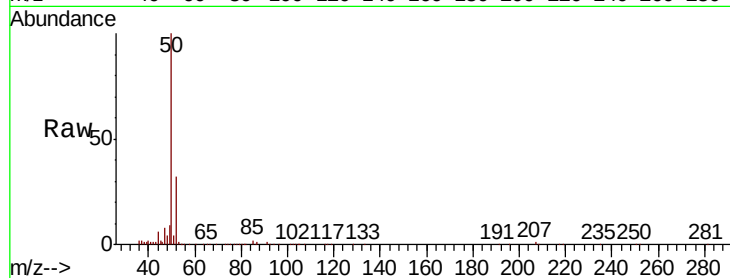
52 32.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.18 ug/l

RT: 2.37 min Scan# 128

Delta R.T. 0.00 min

Lab File: VW004762.D

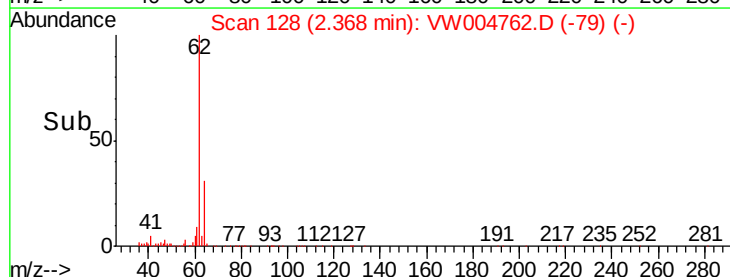
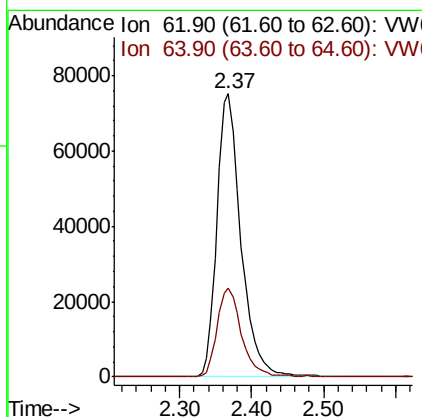
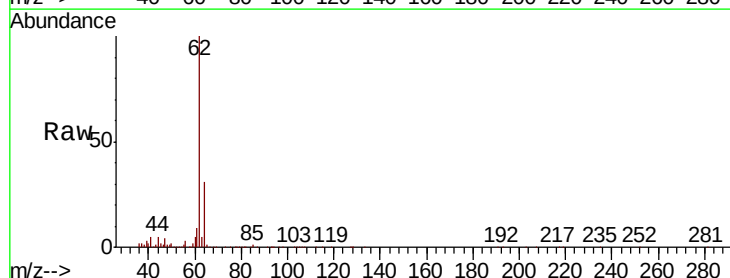
Acq: 18 Aug 2018 06:05

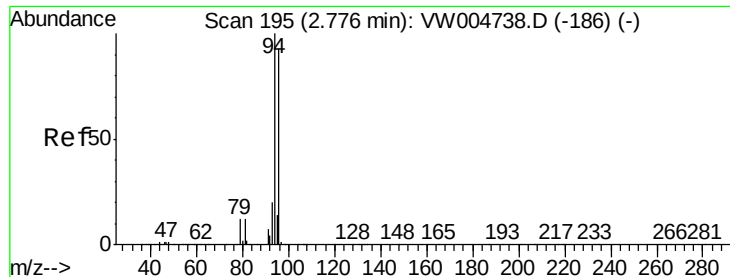
Tgt Ion: 62 Resp: 174193

Ion Ratio Lower Upper

62 100

64 31.2 25.2 37.8





#5

Bromomethane

Concen: 22.68 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 94 Resp: 110012

Ion Ratio Lower Upper

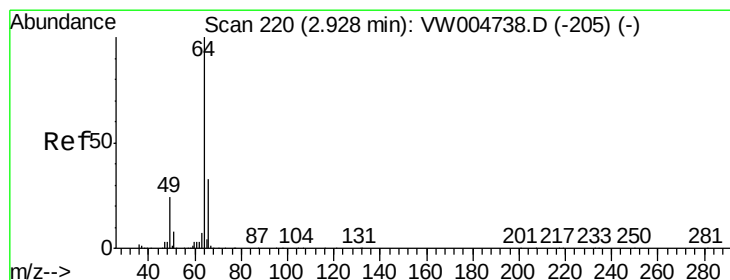
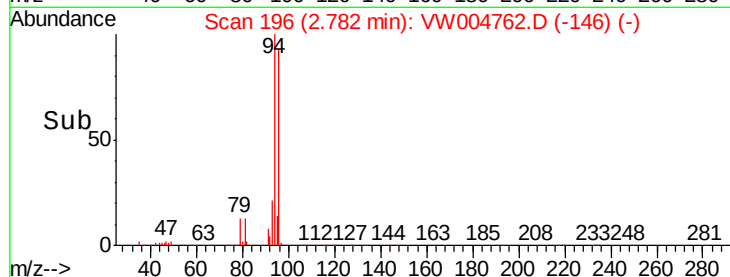
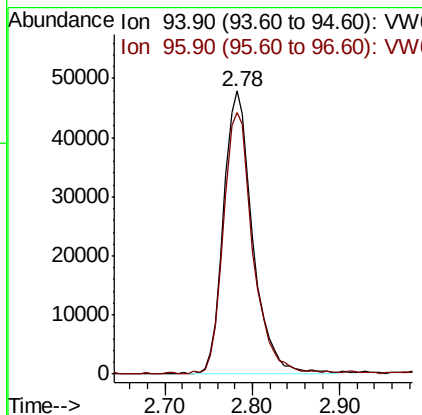
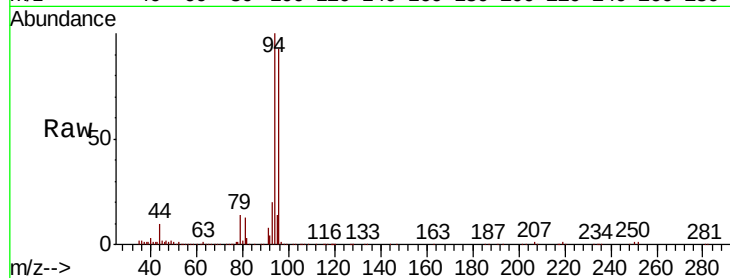
94 100

96 92.5 74.3 111.5

Manual Integrations  
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#6

Chloroethane

Concen: 22.26 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004762.D

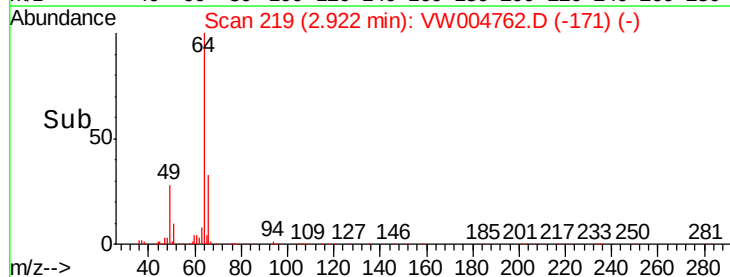
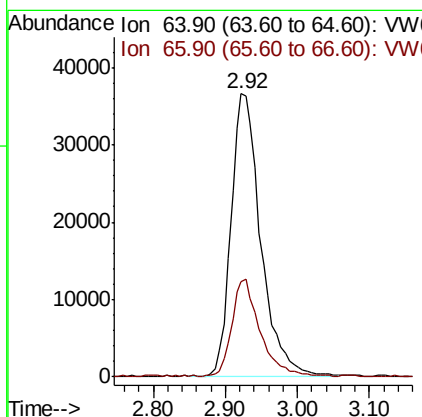
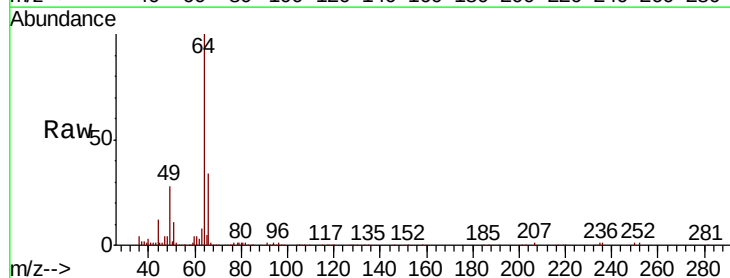
Acq: 18 Aug 2018 06:05

Tgt Ion: 64 Resp: 105474

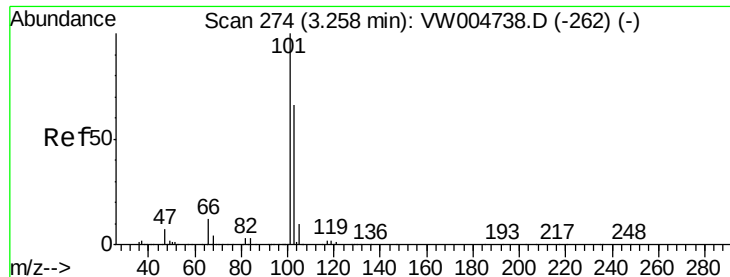
Ion Ratio Lower Upper

64 100

66 33.3 26.1 39.1







#7

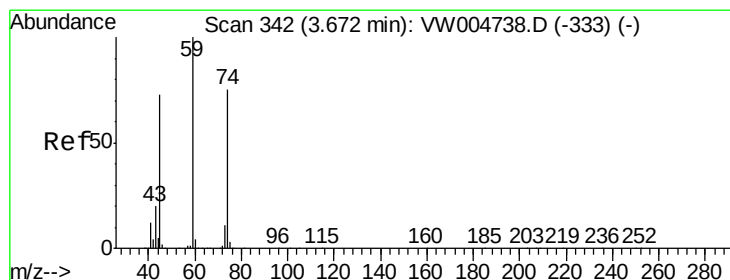
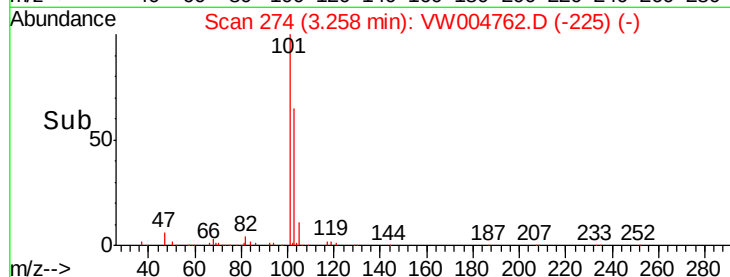
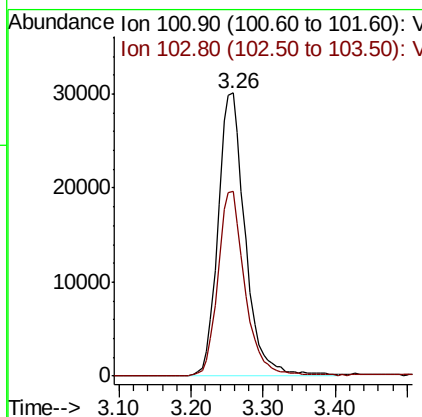
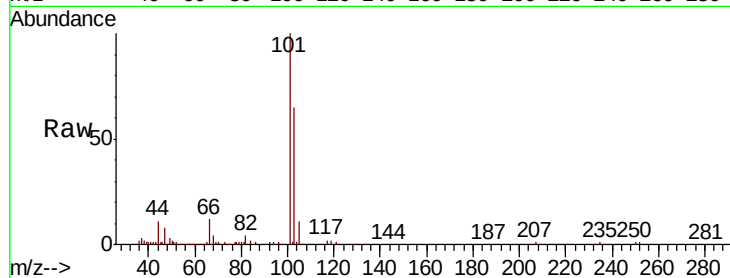
Trichlorofluoromethane  
 Concen: 21.39 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.3  | 52.5  | 78.7  |

Manual Integrations  
 APPROVED

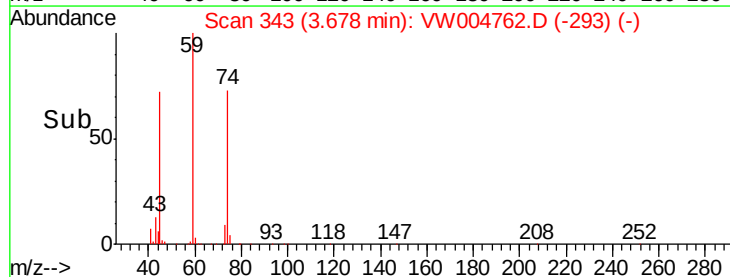
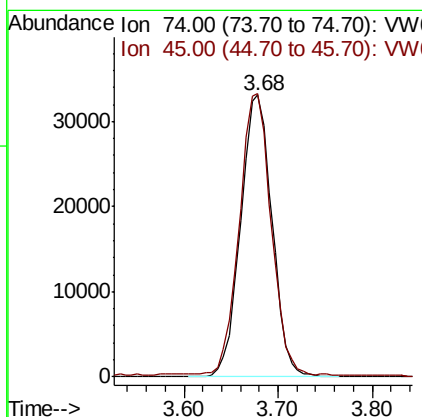
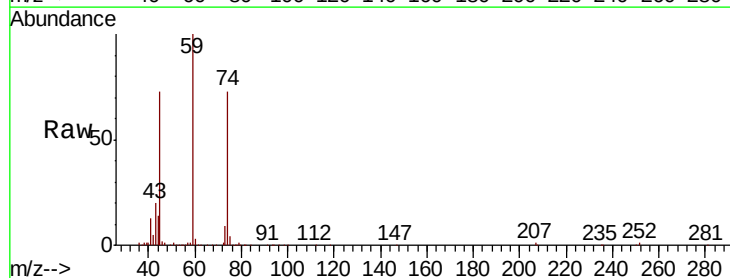
apatel  
 8/20/2018 9:56:49 AM



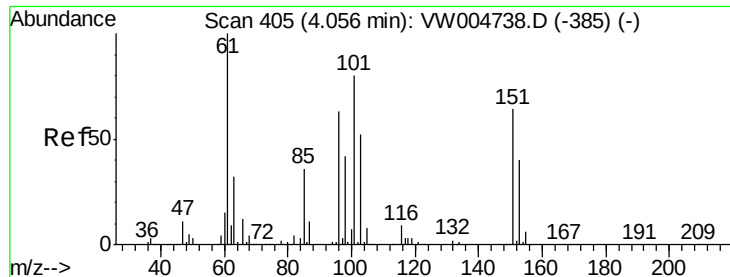
#8

Diethyl Ether  
 Concen: 22.96 ug/l  
 RT: 3.68 min Scan# 343  
 Delta R.T. 0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 99.9  | 49.8  | 149.3 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.09 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

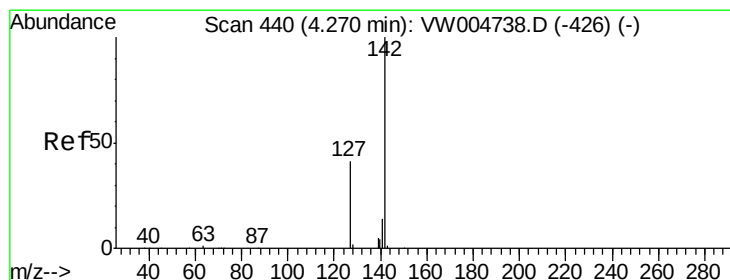
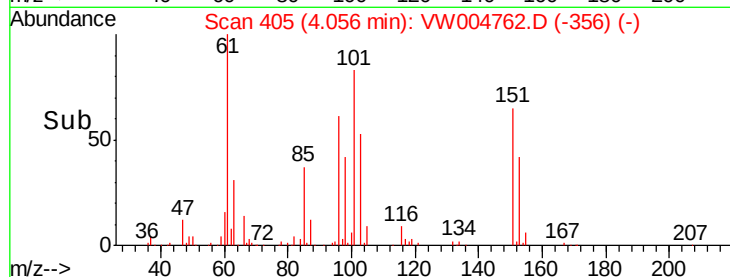
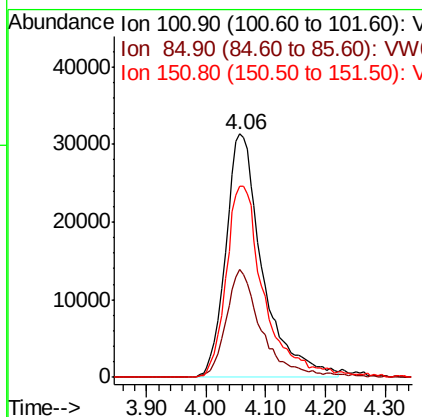
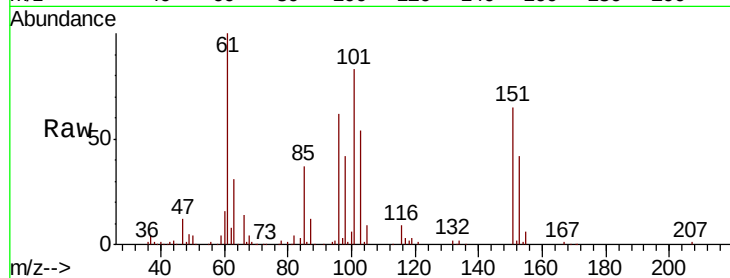
ClientSampleId :

VW0819SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 134395 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.1  | 33.9  | 50.9   |
| 151       | 81.0  | 63.4  | 95.2   |

Manual Integrations  
APPROVED

apatel  
8/20/2018 9:56:49 AM



#10

Methyl Iodide

Concen: 22.43 ug/l

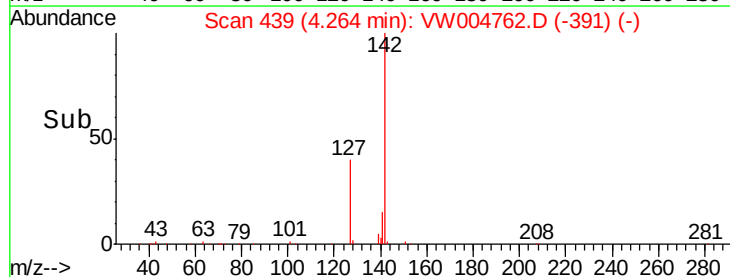
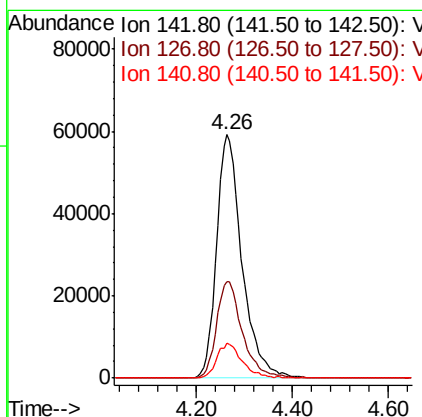
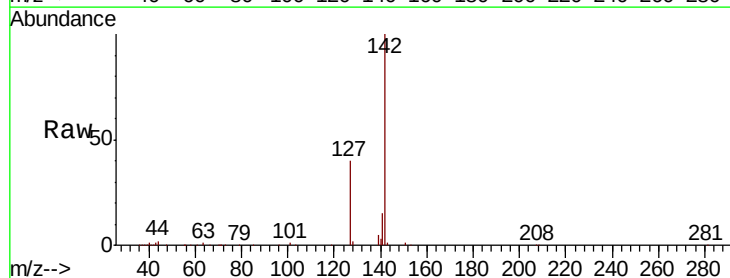
RT: 4.26 min Scan# 439

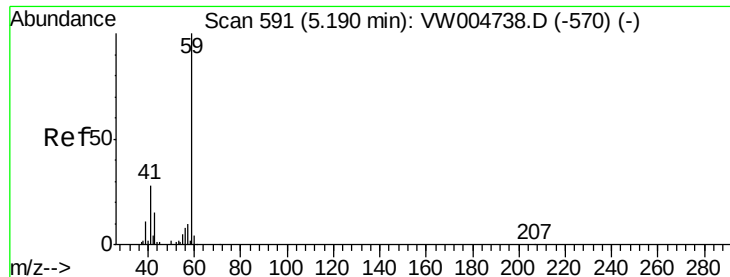
Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 217044 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 40.1  | 32.1  | 48.1   |
| 141       | 14.4  | 11.7  | 17.5   |





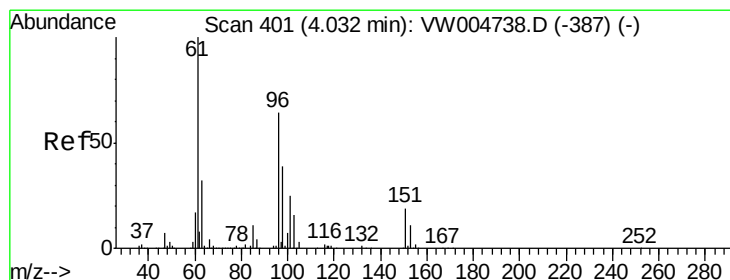
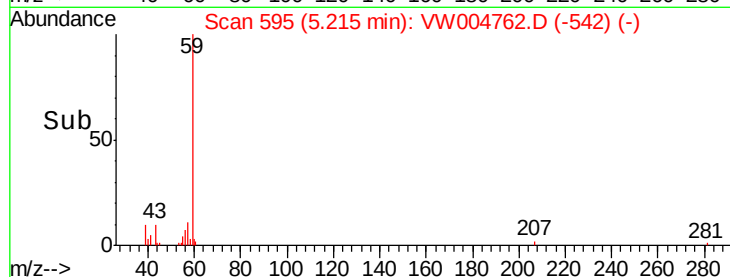
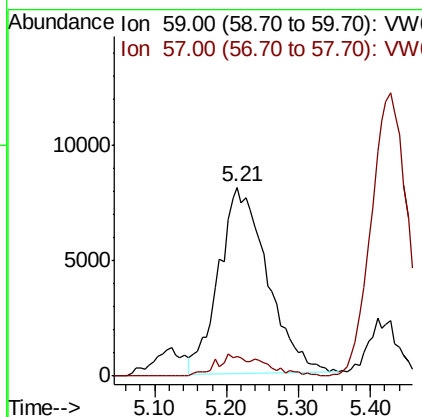
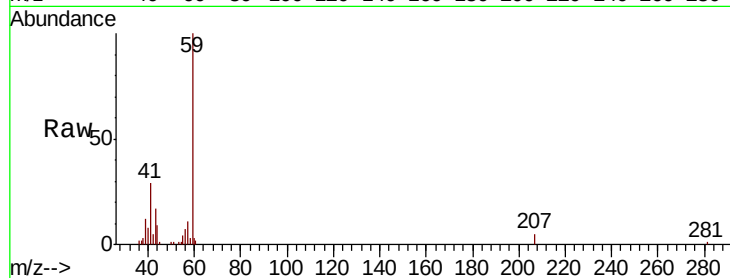
#11  
Tert butyl alcohol  
Concen: 114.00 ug/l  
RT: 5.21 min Scan# 595  
Delta R.T. 0.02 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 7.2   | 8.4   | 12.6# |

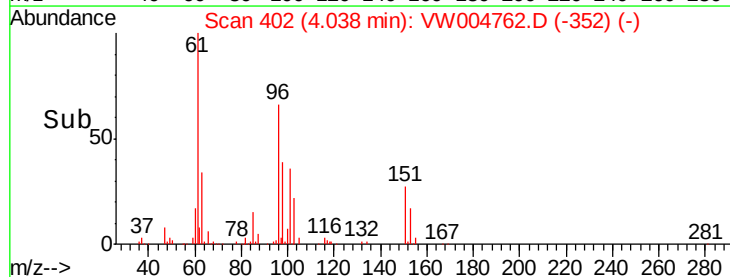
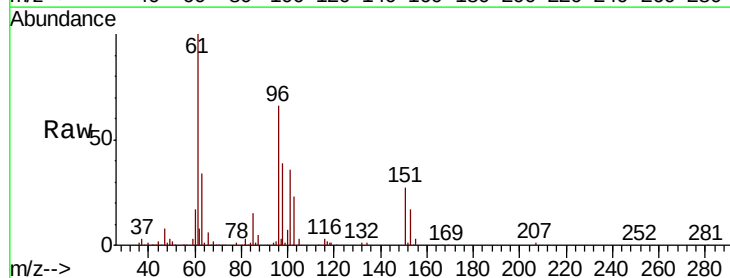
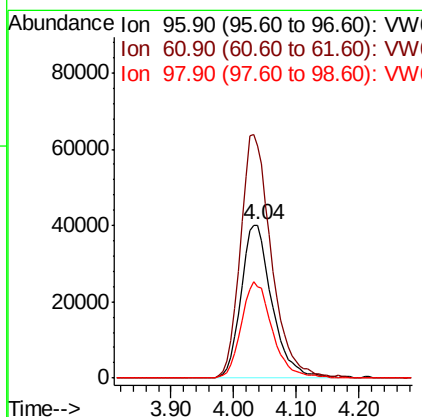
Manual Integrations  
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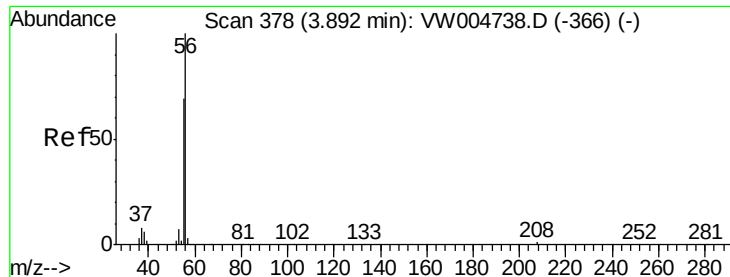
apatel  
8/20/2018 9:56:49 AM



#12  
1,1-Dichloroethene  
Concen: 21.58 ug/l  
RT: 4.04 min Scan# 402  
Delta R.T. 0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.5 | 125.6 | 188.4 |
| 98      | 59.2  | 49.4  | 74.0  |





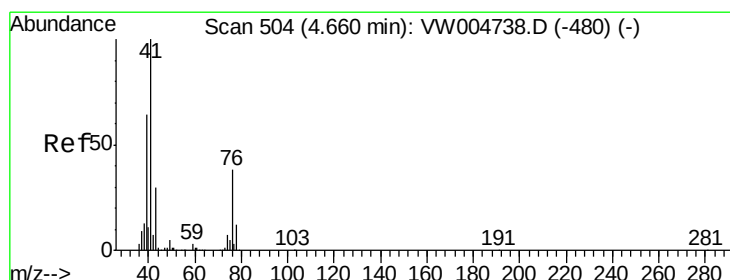
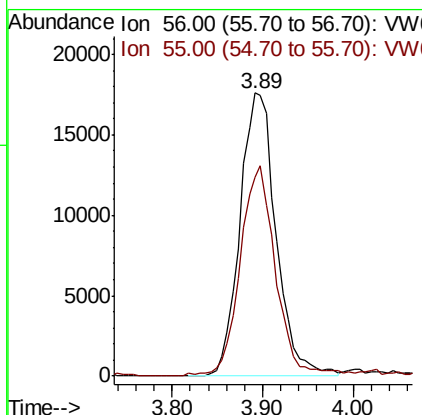
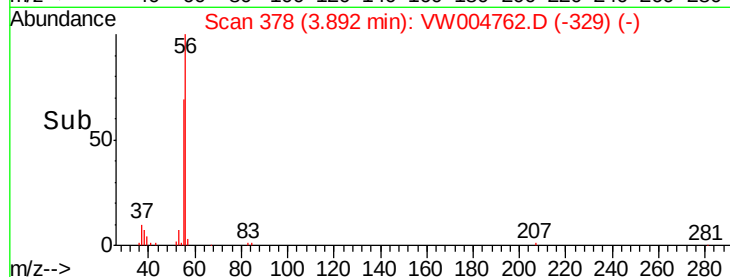
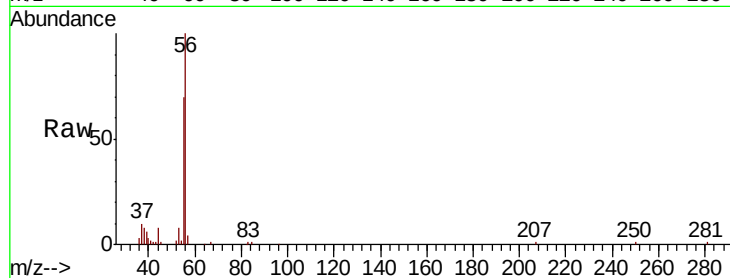
#13  
 Acrolein  
 Concen: 108.58 ug/l  
 RT: 3.89 min Scan# 378  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 73.0  | 56.1  | 84.1  |

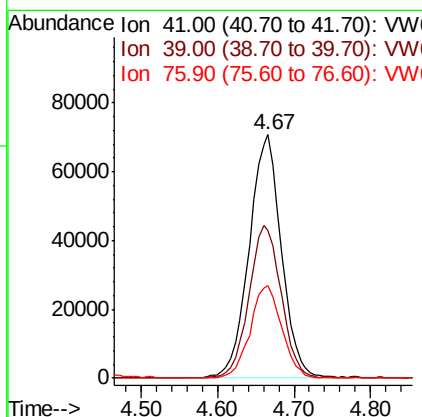
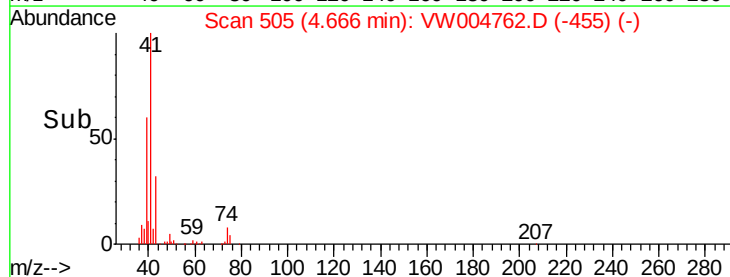
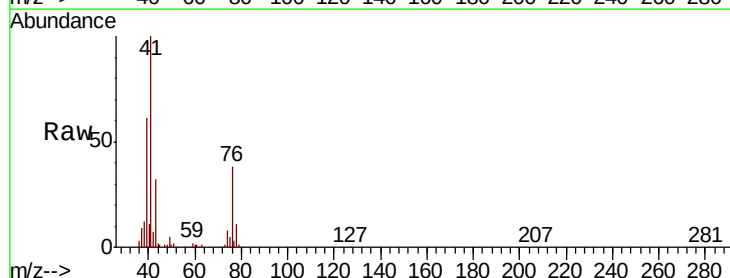
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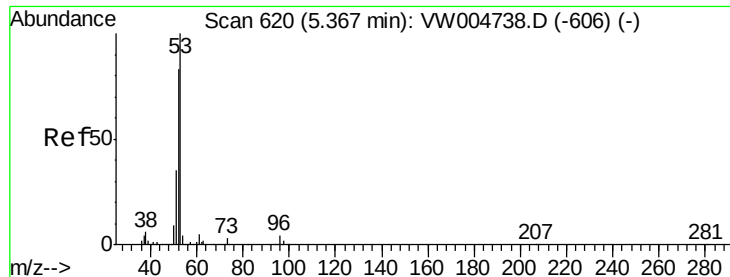
apatel  
 8/20/2018 9:56:49 AM



#14  
 Allyl chloride  
 Concen: 21.49 ug/l  
 RT: 4.67 min Scan# 505  
 Delta R.T. 0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 63.2  | 50.0  | 75.0  |
| 76      | 37.5  | 29.8  | 44.6  |





#15

Acrylonitrile

Concen: 117.08 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

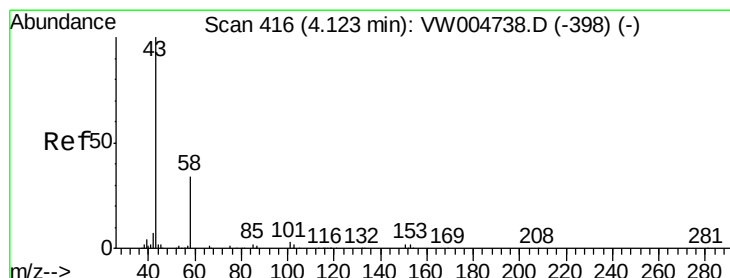
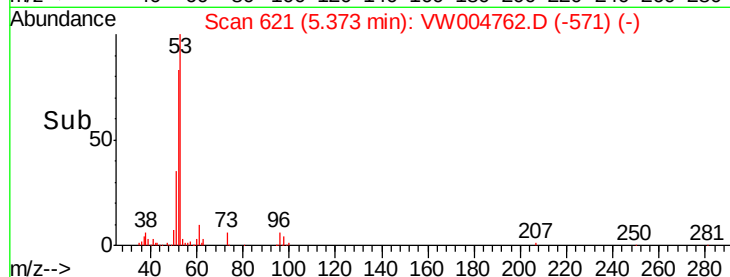
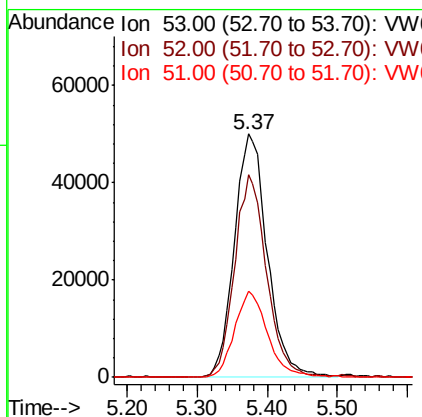
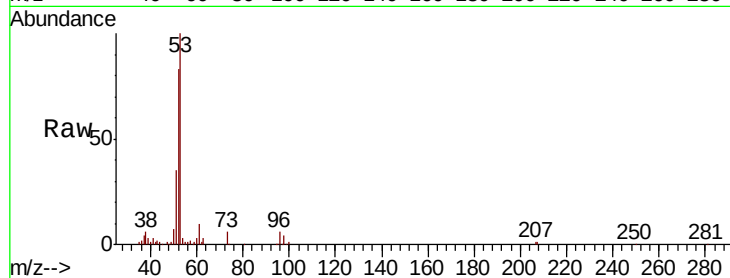
ClientSampleId :

VW0819SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 164267 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 80.6  | 65.8  | 98.6   |
| 51        | 35.3  | 28.7  | 43.1   |

Manual Integrations  
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8/20/2018 9:56:49 AM



#16

Acetone

Concen: 97.77 ug/l

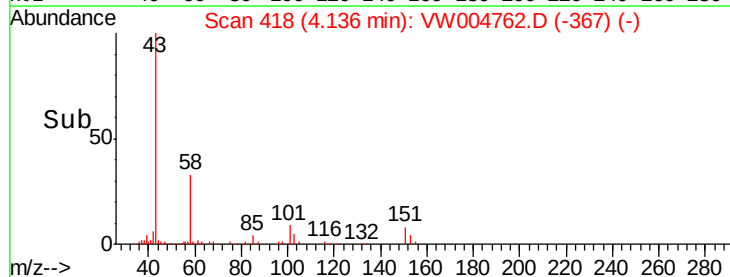
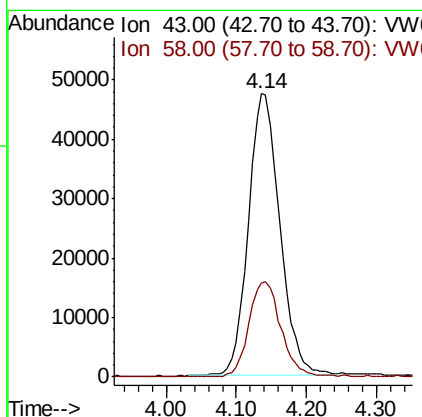
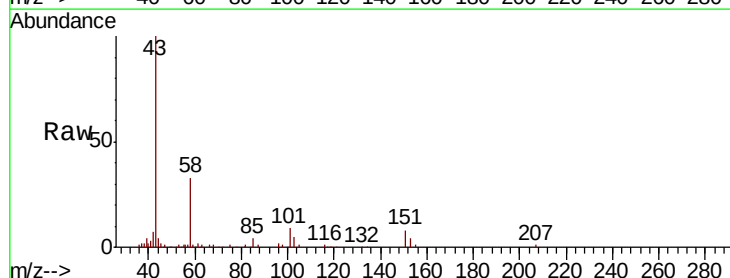
RT: 4.14 min Scan# 418

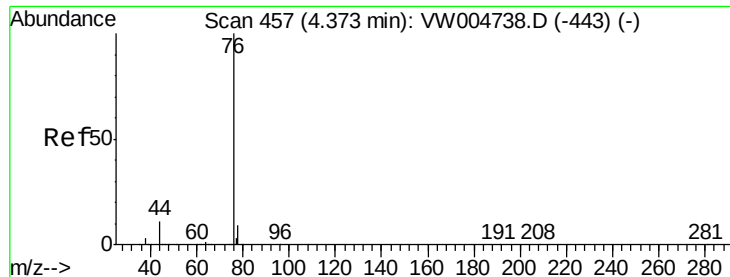
Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 148670 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 32.9  | 27.3  | 40.9   |





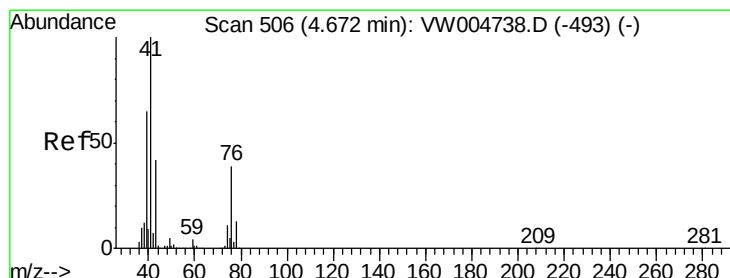
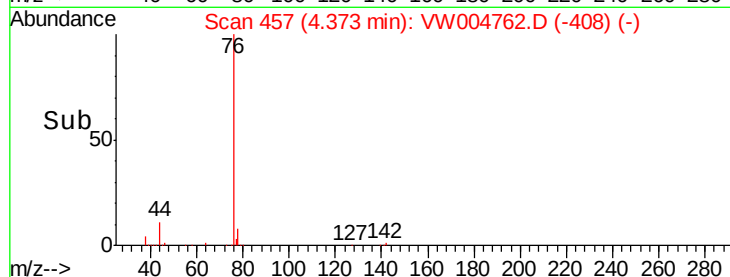
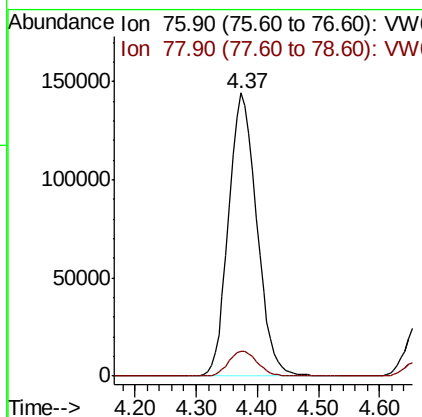
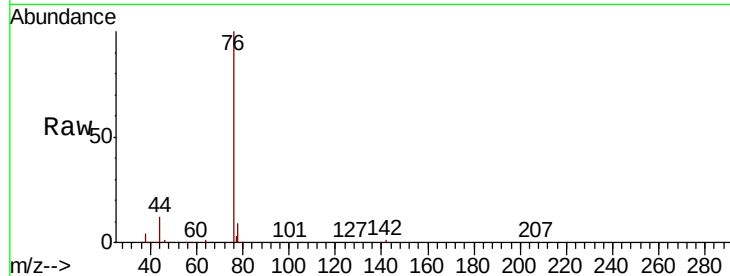
#17  
Carbon Disulfide  
Concen: 21.95 ug/l  
RT: 4.37 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.7   | 7.4   | 11.2  |

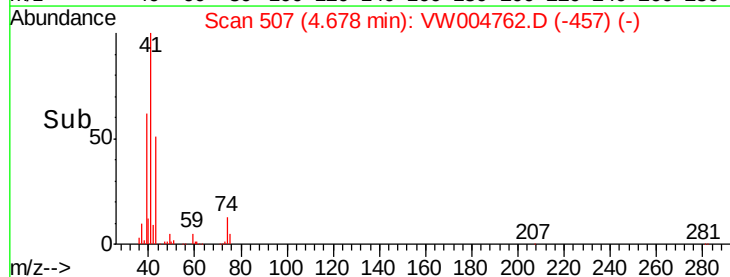
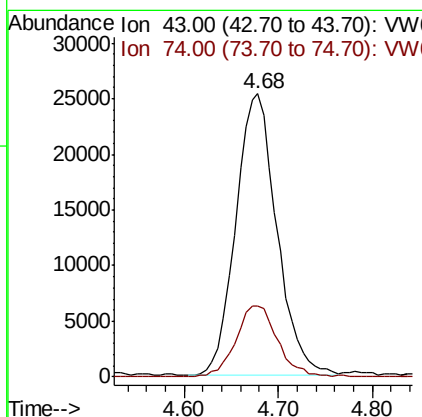
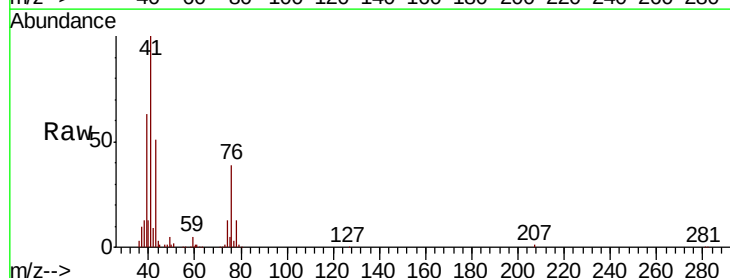
Manual Integrations  
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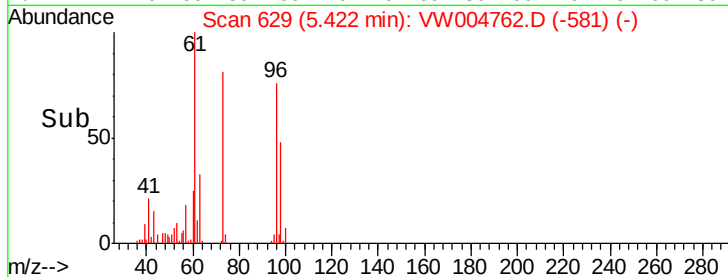
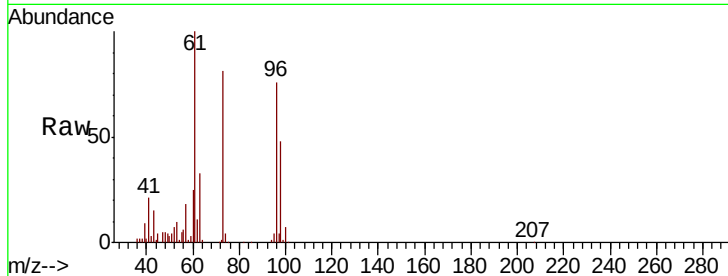
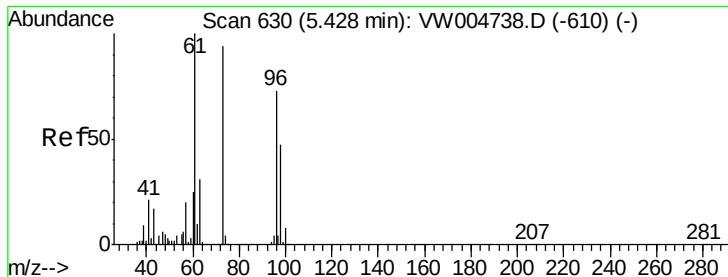
apatel  
8/20/2018 9:56:49 AM



#18  
Methyl Acetate  
Concen: 23.45 ug/l  
RT: 4.68 min Scan# 507  
Delta R.T. 0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.8  | 19.8  | 29.8  |





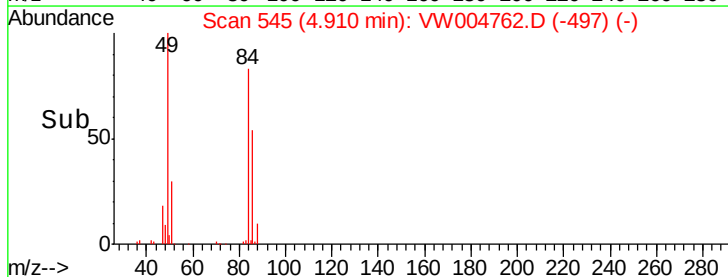
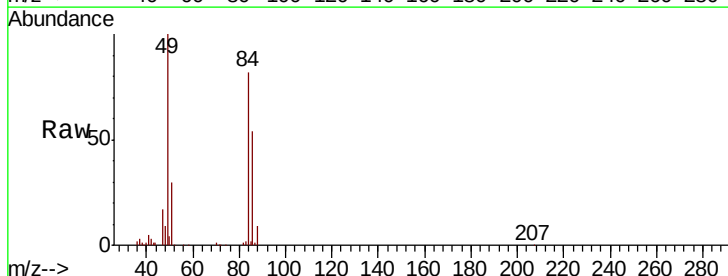
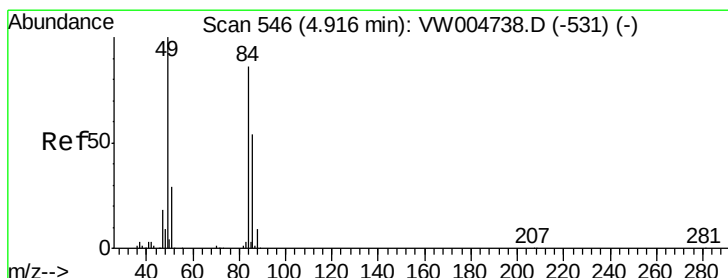
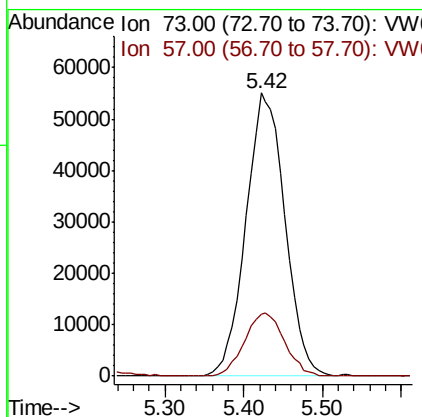
#19  
Methyl tert-butyl Ether  
Concen: 22.98 ug/l  
RT: 5.42 min Scan# 629  
Delta R.T. -0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.7  | 17.3  | 25.9  |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

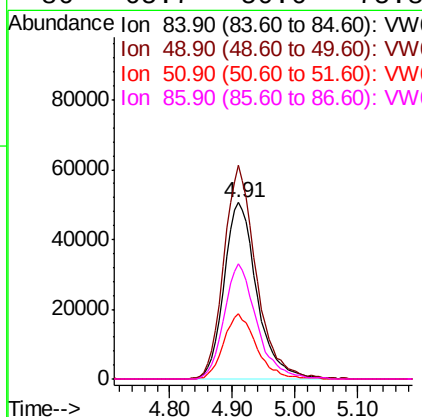
Manual Integrations  
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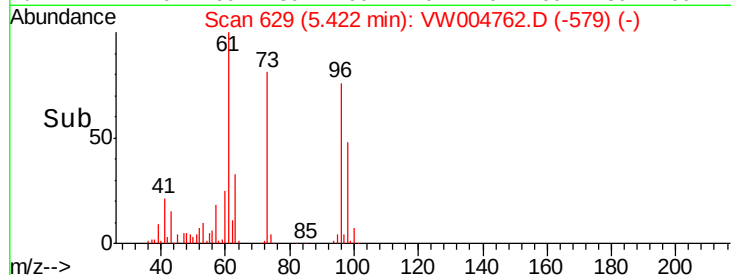
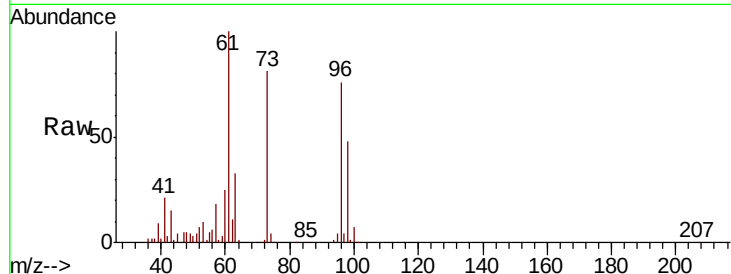
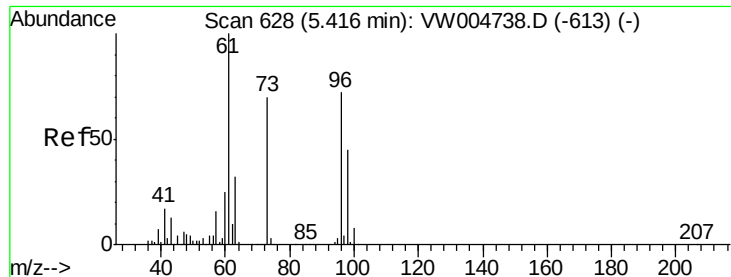
apatel  
8/20/2018 9:56:49 AM



#20  
Methylene Chloride  
Concen: 24.19 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 121.3 | 93.2  | 139.8 |
| 51      | 36.8  | 27.4  | 41.0  |
| 86      | 65.7  | 50.6  | 75.8  |





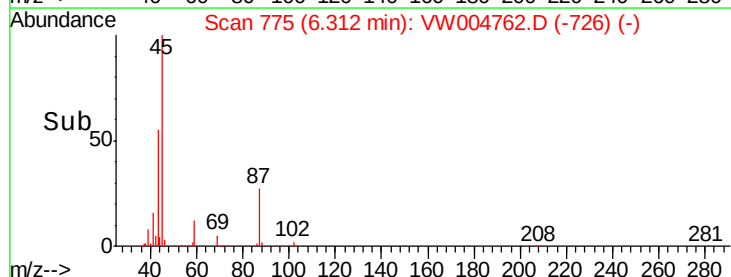
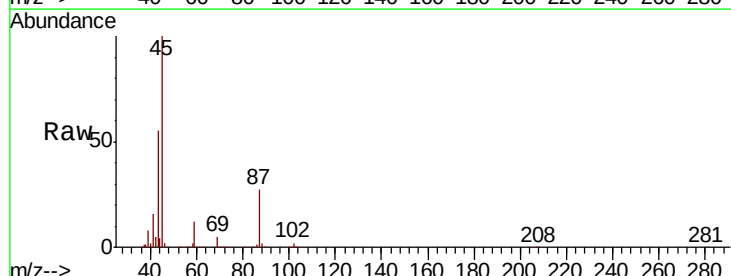
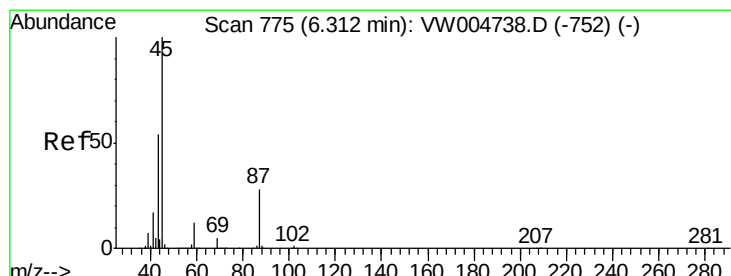
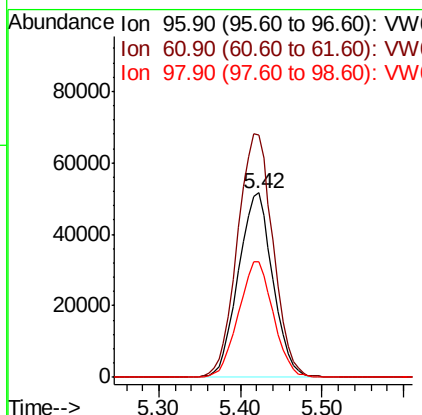
#21  
trans-1,2-Dichloroethene  
Concen: 22.40 ug/l  
RT: 5.42 min Scan# 629  
Delta R.T. 0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 151315 |       |       |
| 61      | 131.2 | 111.4  | 167.0 |       |
| 98      | 62.4  | 49.7   | 74.5  |       |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

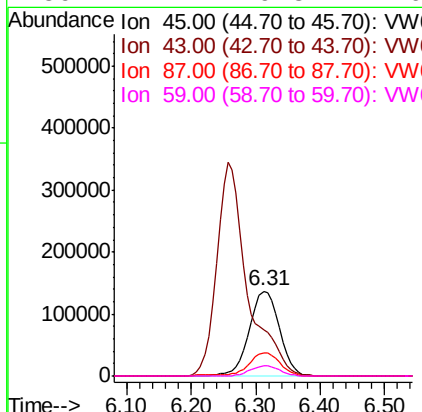
Manual Integrations  
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apatel  
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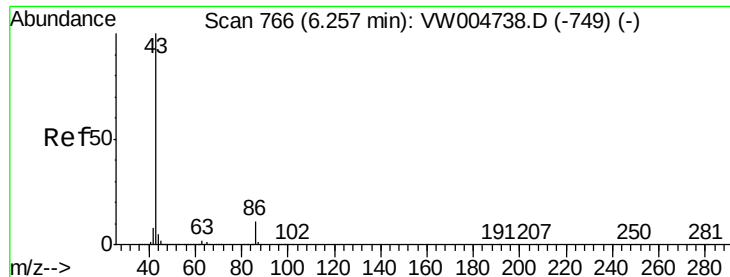


#22  
Diisopropyl ether  
Concen: 23.78 ug/l  
RT: 6.31 min Scan# 775  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 440456 |       |       |
| 43      | 54.1  | 43.0   | 64.6  |       |
| 87      | 27.0  | 22.2   | 33.4  |       |
| 59      | 12.4  | 9.8    | 14.6  |       |







#23

Vinyl Acetate

Concen: 109.79 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 43 Resp: 1150075

Ion Ratio Lower Upper

43 100

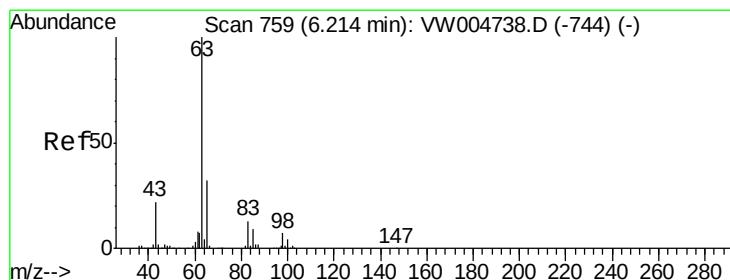
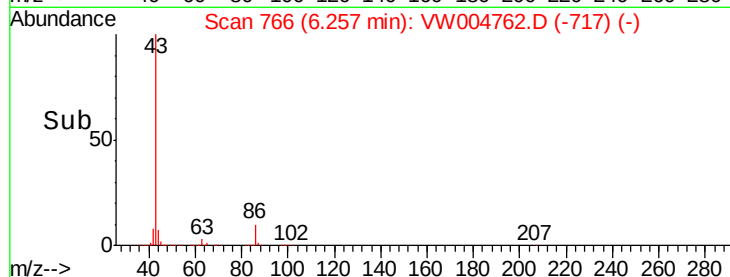
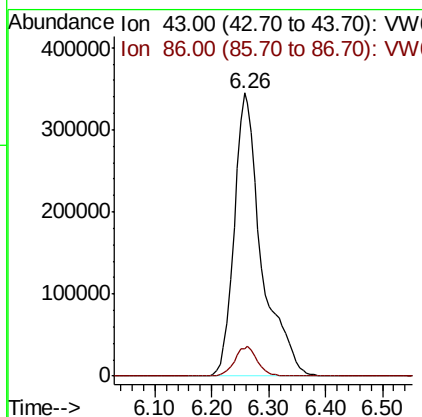
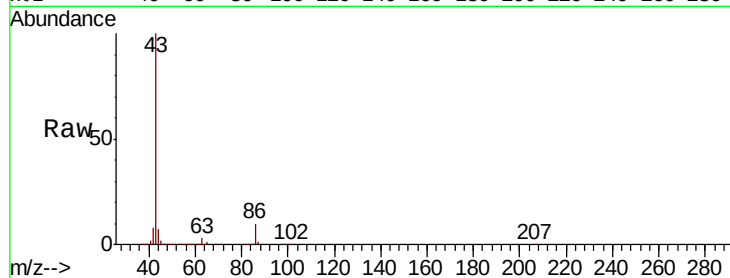
86 9.7 8.5 12.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 22.47 ug/l

RT: 6.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

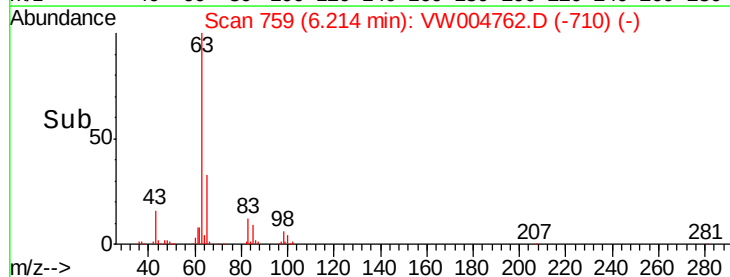
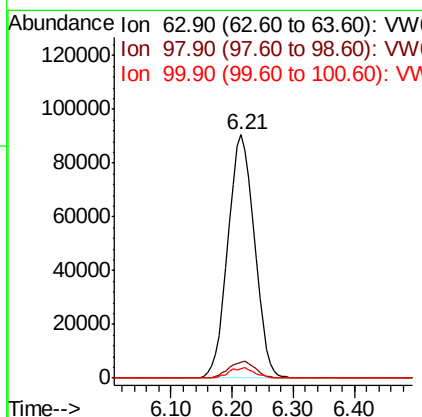
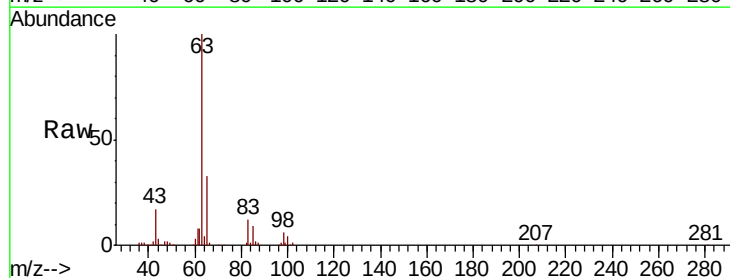
Tgt Ion: 63 Resp: 270481

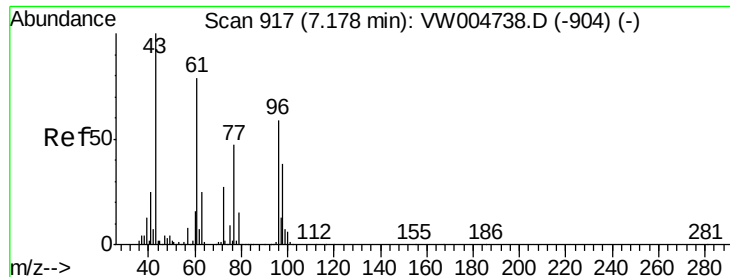
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 109.63 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 43 Resp: 237532

Ion Ratio Lower Upper

43 100

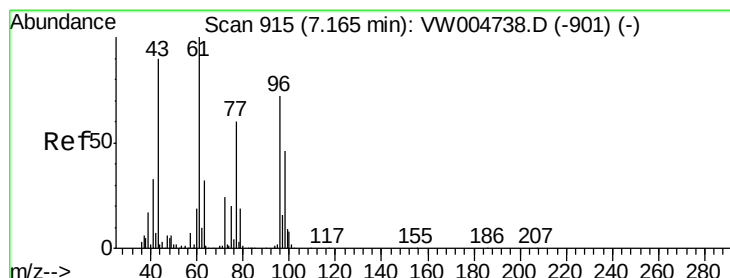
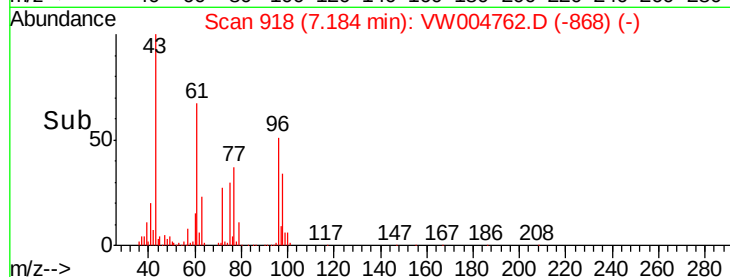
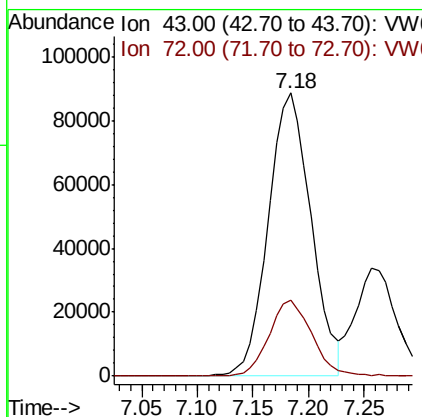
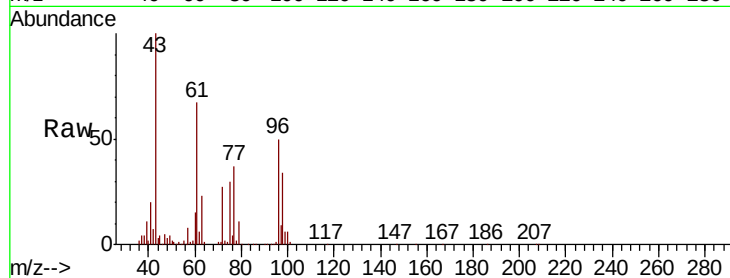
72 26.8 22.0 33.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.38 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW004762.D

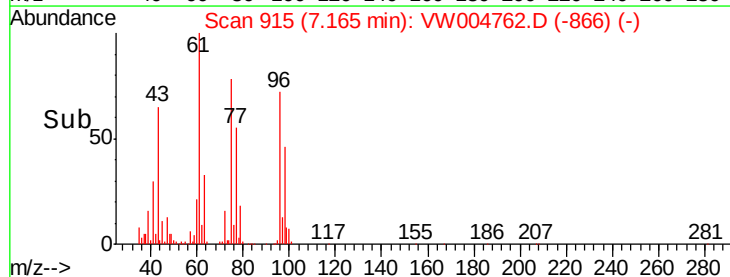
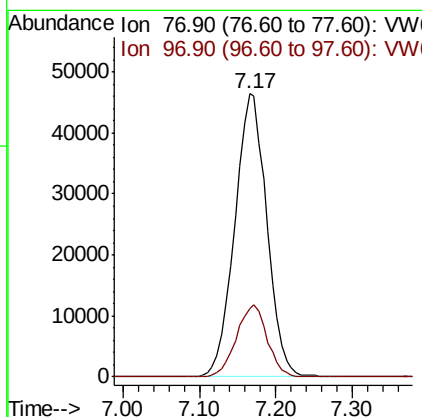
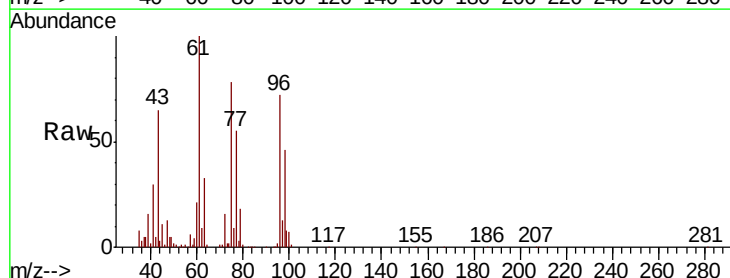
Acq: 18 Aug 2018 06:05

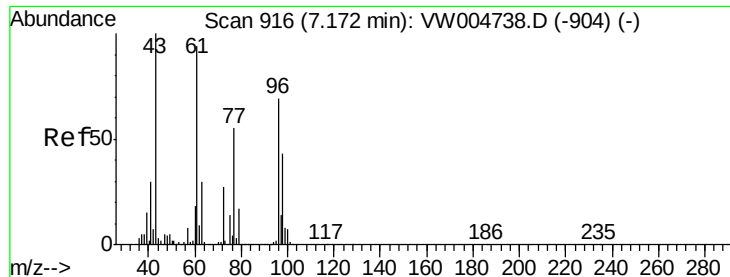
Tgt Ion: 77 Resp: 134731

Ion Ratio Lower Upper

77 100

97 24.4 12.6 37.8





#27

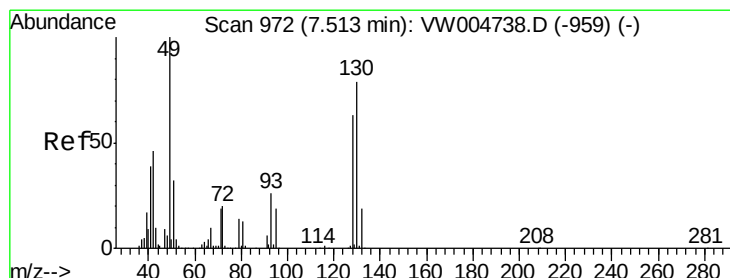
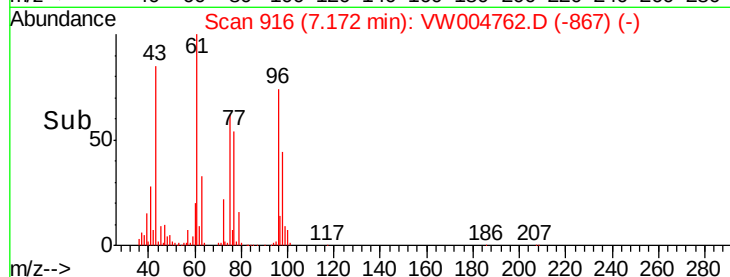
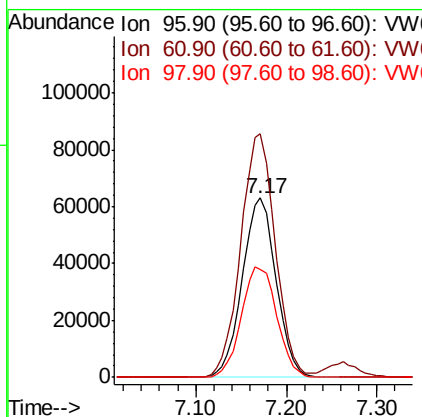
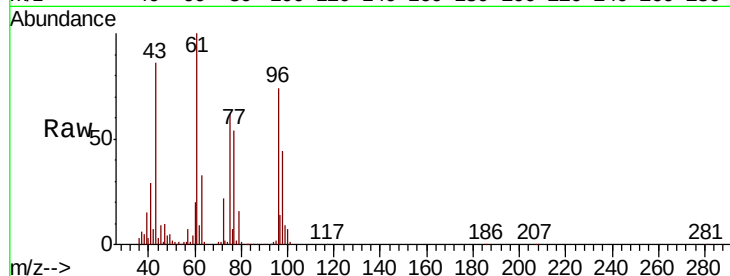
cis-1,2-Dichloroethene  
 Concen: 22.42 ug/l  
 RT: 7.17 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VW0819SBS02

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 96      | 100   |       | 163051 |       |       |
| 61      | 138.6 | 0.0   | 277.6  |       |       |
| 98      | 64.7  | 0.0   | 127.4  |       |       |

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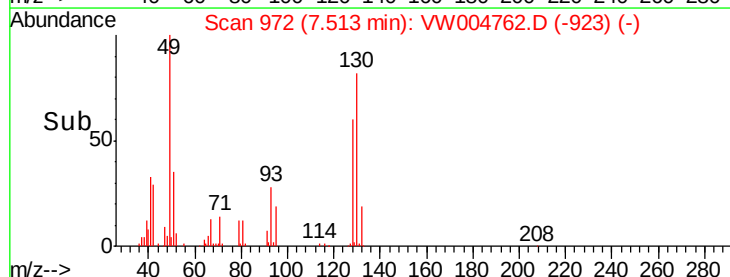
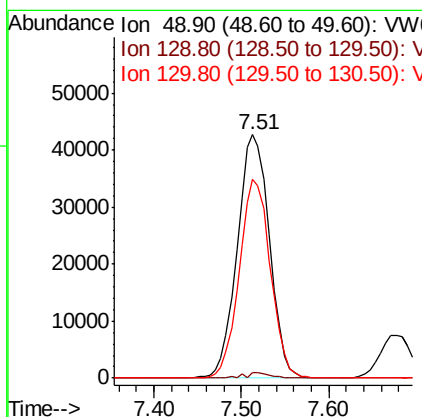
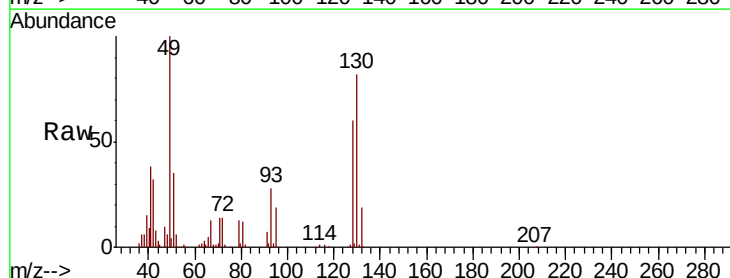
apatel  
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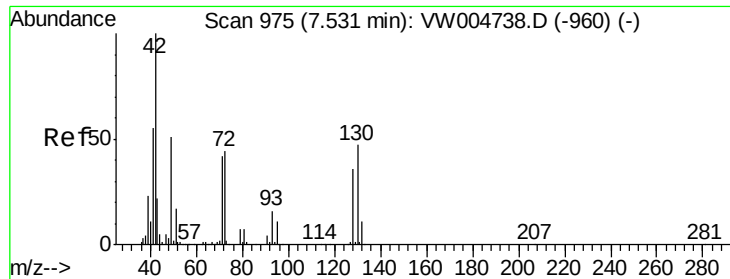


#28

Bromochloromethane  
 Concen: 21.47 ug/l  
 RT: 7.51 min Scan# 972  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 49      | 100  |       | 108833 |       |       |
| 129     | 1.7  | 0.0   | 4.4    |       |       |
| 130     | 79.3 | 63.7  | 95.5   |       |       |





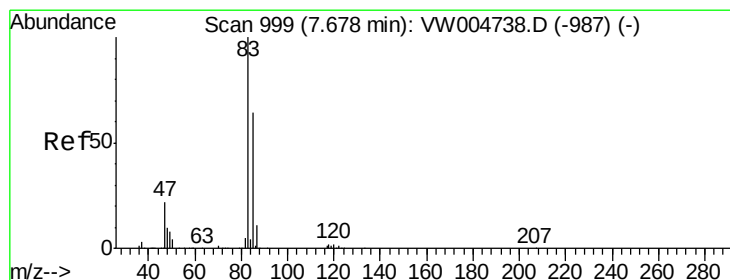
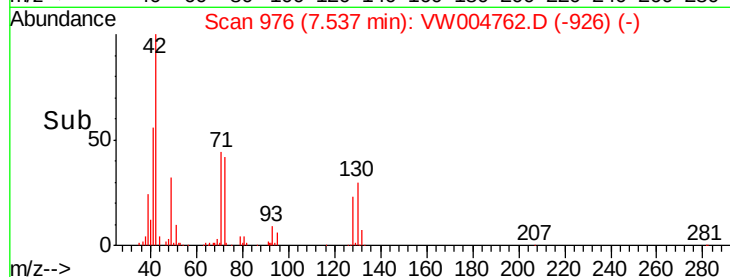
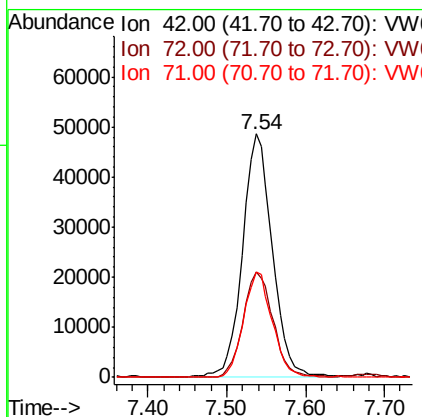
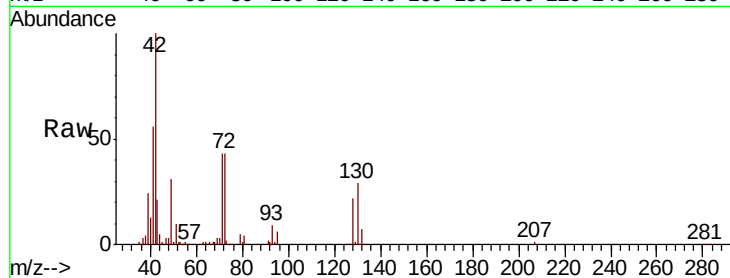
#29  
Tetrahydrofuran  
Concen: 114.36 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 44.0  | 34.9  | 52.3  |
| 71      | 42.4  | 33.8  | 50.6  |

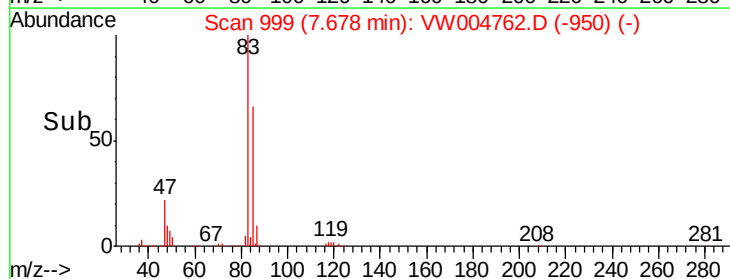
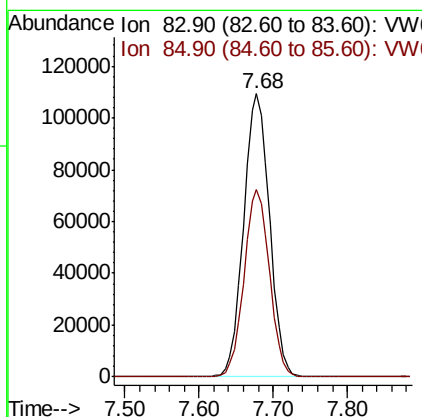
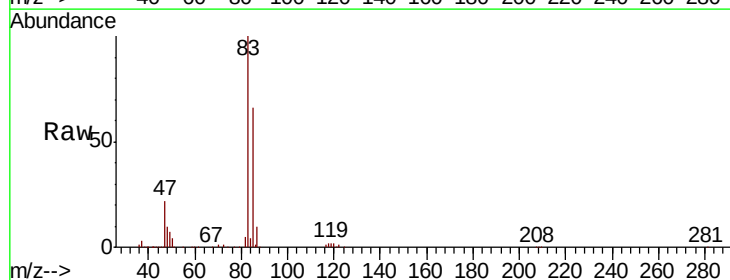
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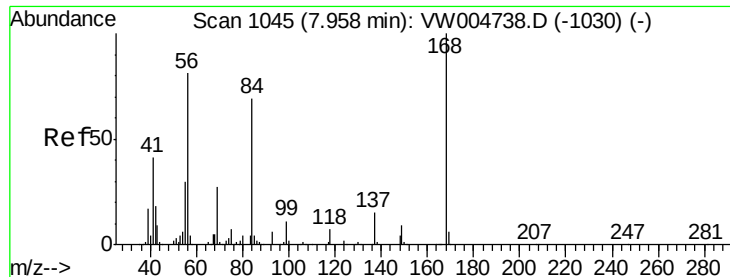
apatel  
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#30  
Chloroform  
Concen: 22.52 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.2  | 51.0  | 76.6  |





#31

Cyclohexane

Concen: 21.03 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

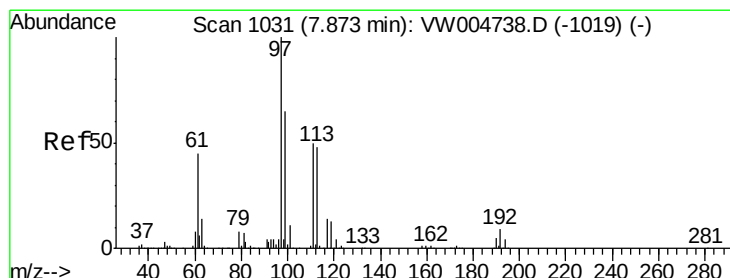
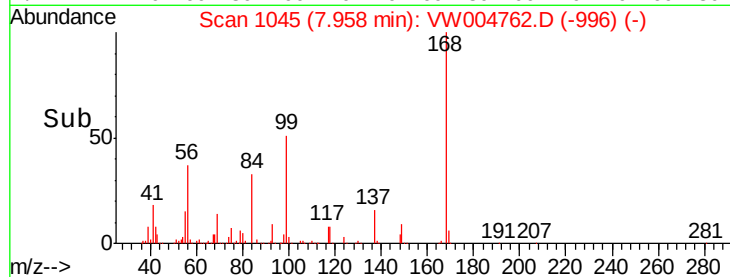
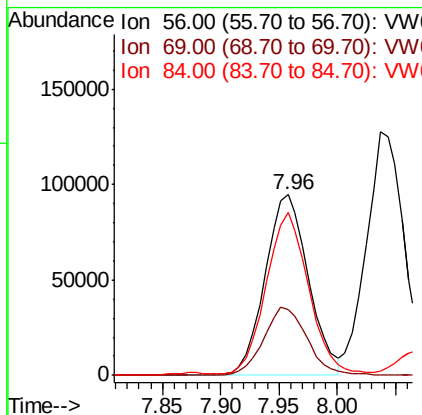
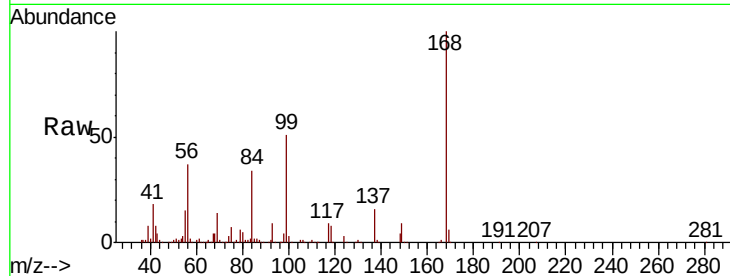
ClientSampled :

VW0819SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 244785 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 36.7  | 27.1  | 40.7   |
| 84        | 89.0  | 68.3  | 102.5  |

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#32

1,1,1-Trichloroethane

Concen: 21.87 ug/l

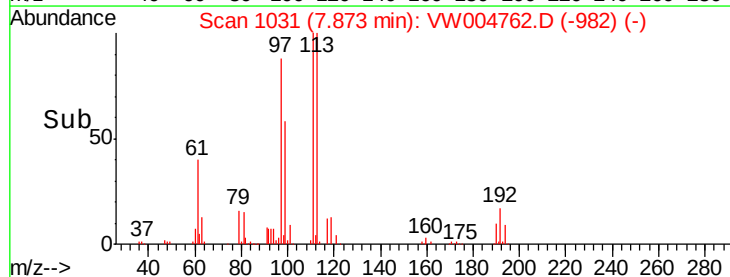
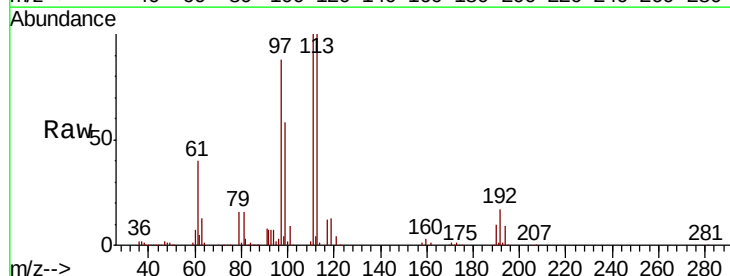
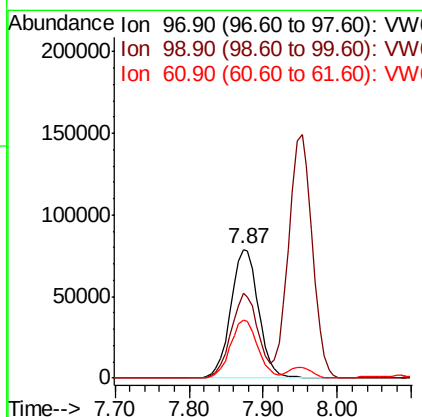
RT: 7.87 min Scan# 1031

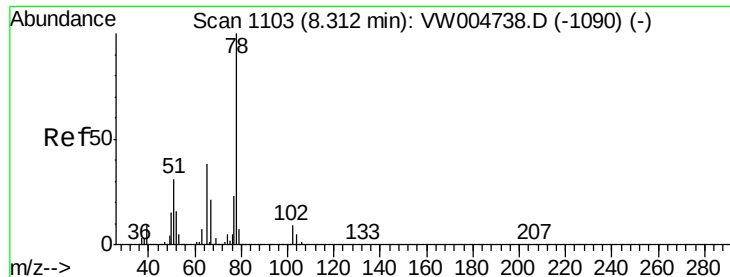
Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 205230 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 63.7  | 51.7  | 77.5   |
| 61        | 44.7  | 34.4  | 51.6   |





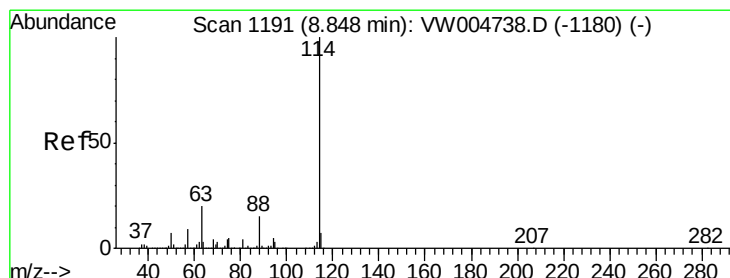
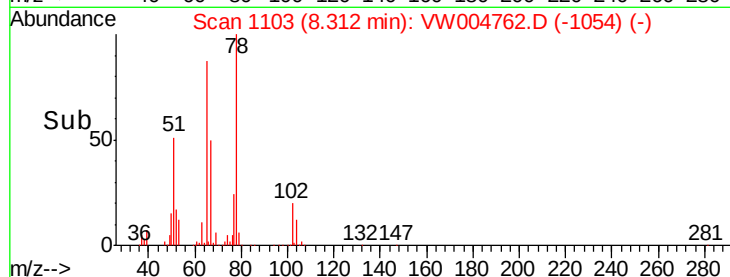
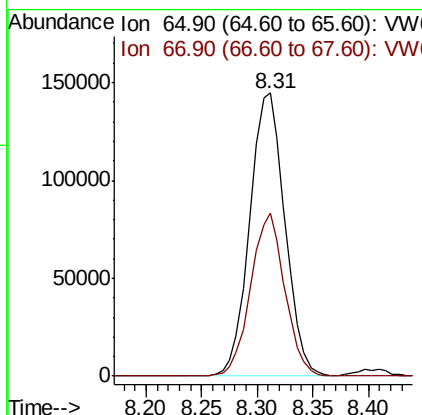
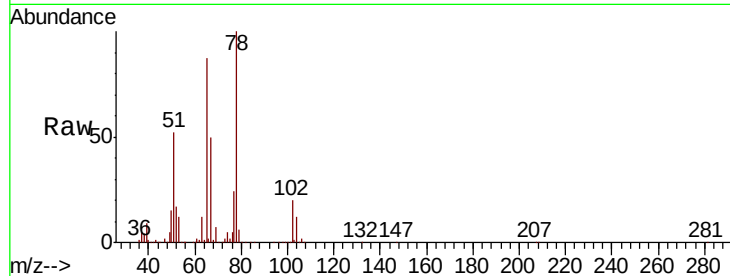
#33  
 1,2-Dichloroethane-d4  
 Concen: 53.57 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 55.8  | 0.0  | 109.4 |       |

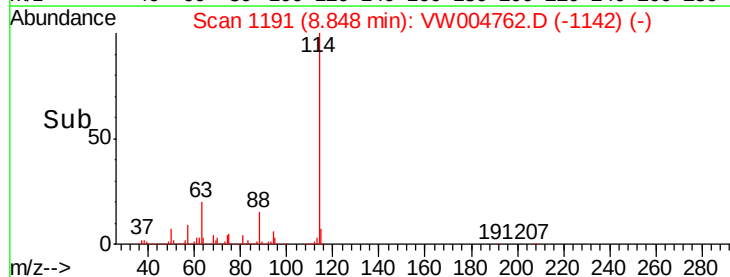
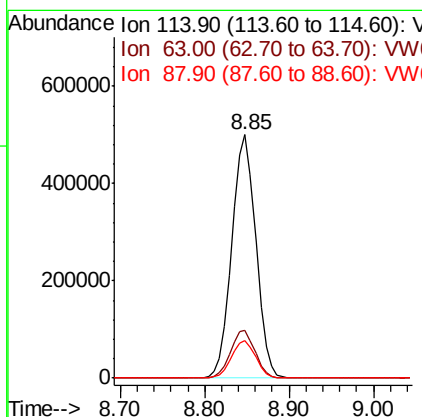
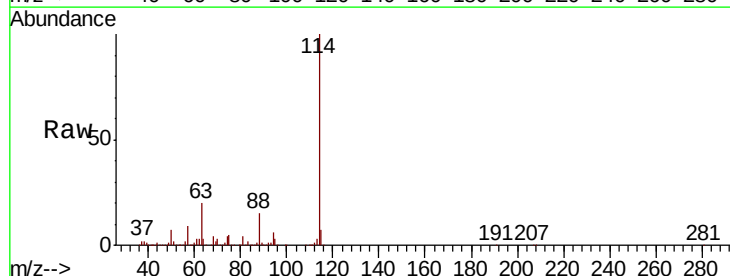
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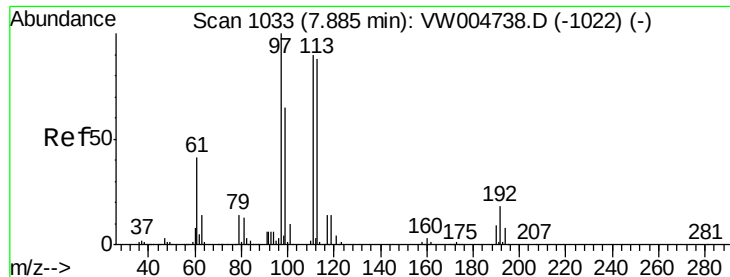
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.6  | 0.0  | 39.0  |       |
| 88      | 15.2  | 0.0  | 30.0  |       |





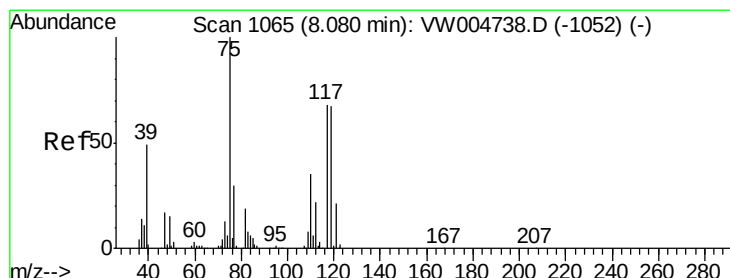
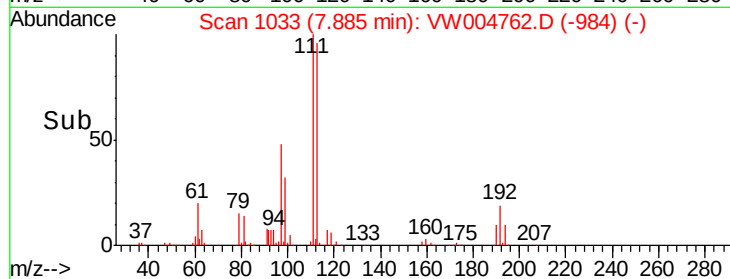
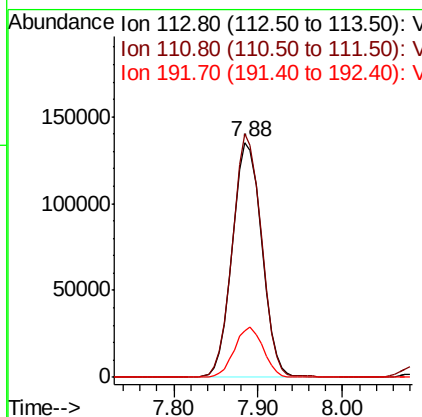
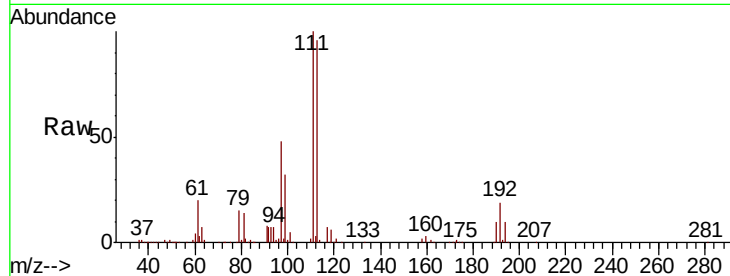
#35  
 Dibromofluoromethane  
 Concen: 52.04 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 320311 |       |       |
| 111     | 101.7 | 82.4   | 123.6 |       |
| 192     | 20.8  | 16.7   | 25.1  |       |

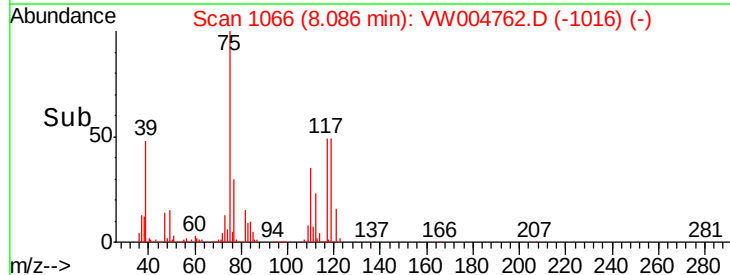
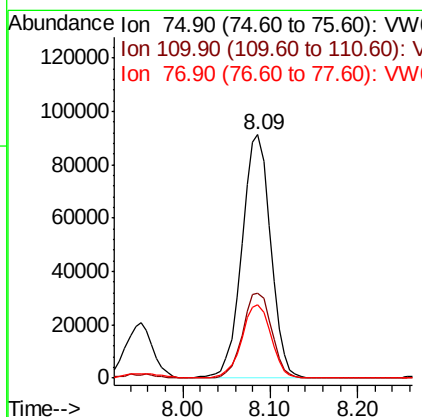
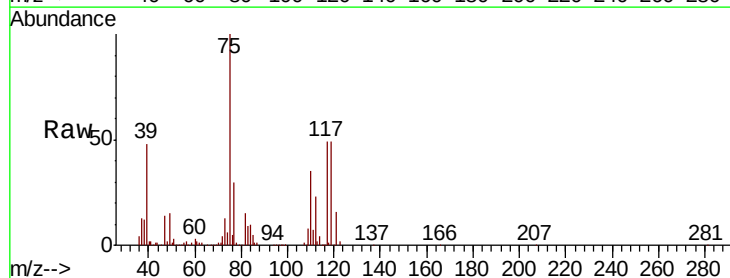
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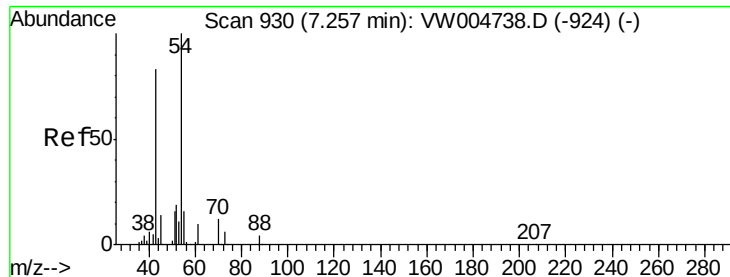
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#36  
 1,1-Dichloropropene  
 Concen: 20.94 ug/l  
 RT: 8.09 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 207798 |       |       |
| 110     | 35.3  | 17.8   | 53.5  |       |
| 77      | 31.0  | 24.9   | 37.3  |       |





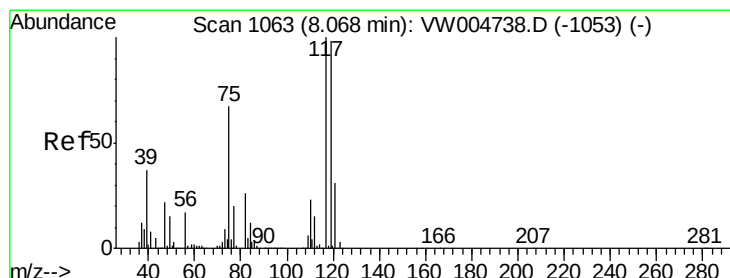
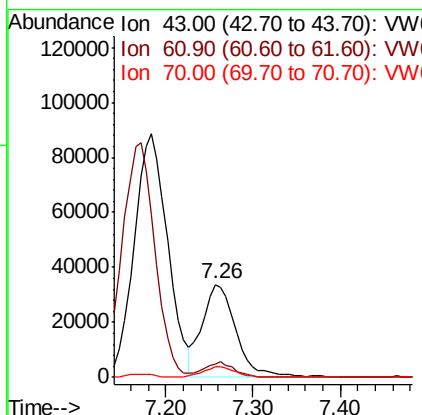
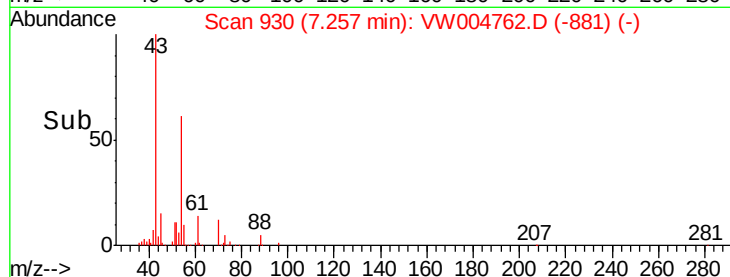
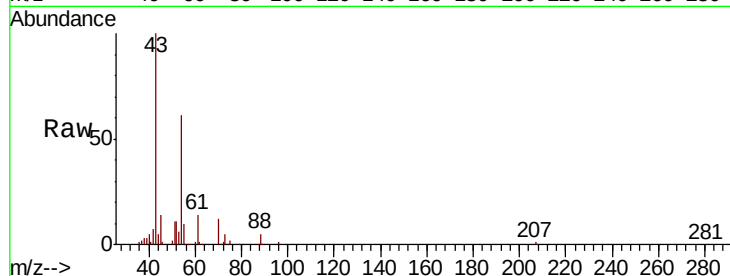
#37  
Ethyl Acetate  
Concen: 22.52 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 11.6  | 17.4  |
| 70      | 11.1  | 9.2   | 13.8  |

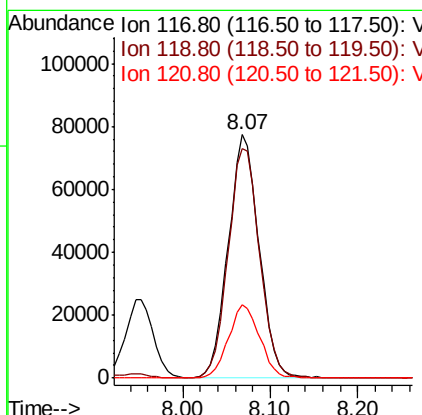
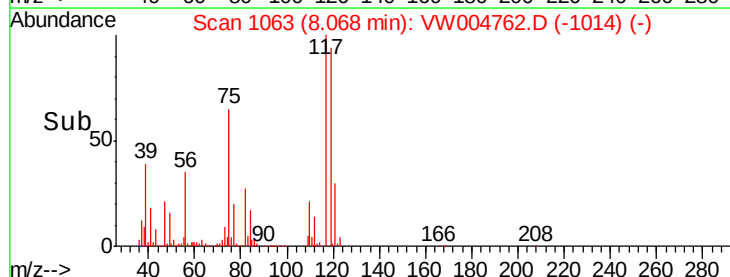
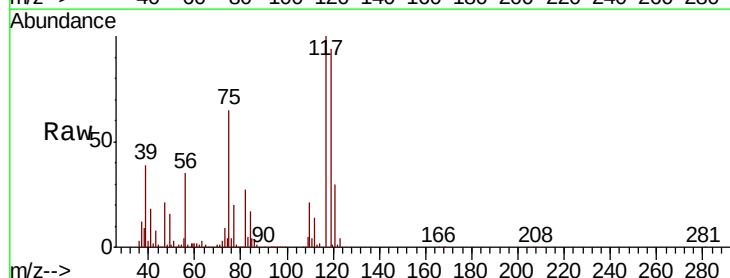
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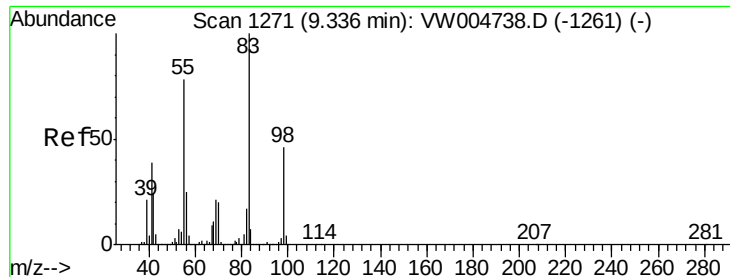


#38  
Carbon Tetrachloride  
Concen: 20.70 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.4  | 78.0  | 117.0 |
| 121     | 30.0  | 24.8  | 37.2  |







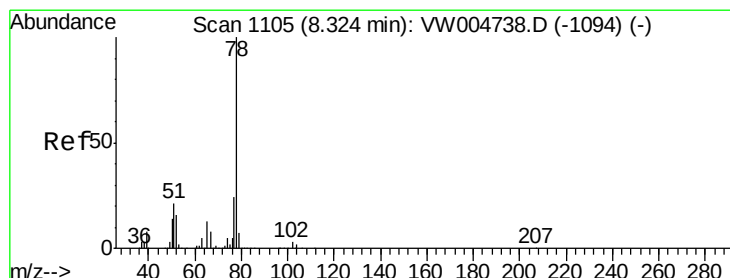
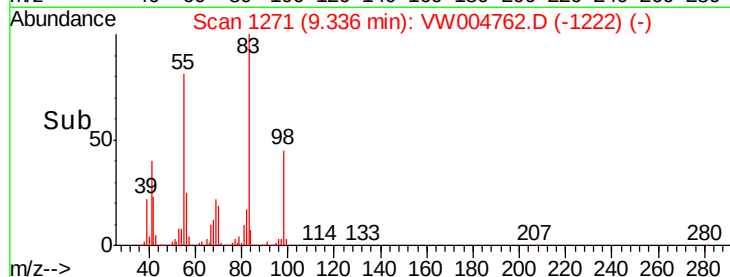
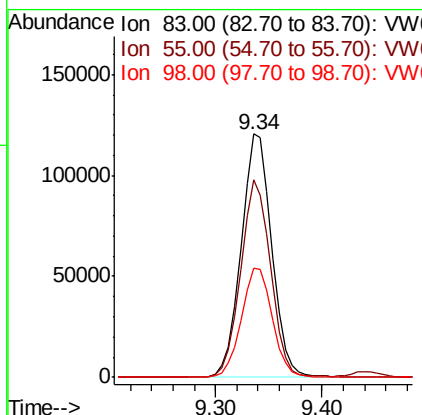
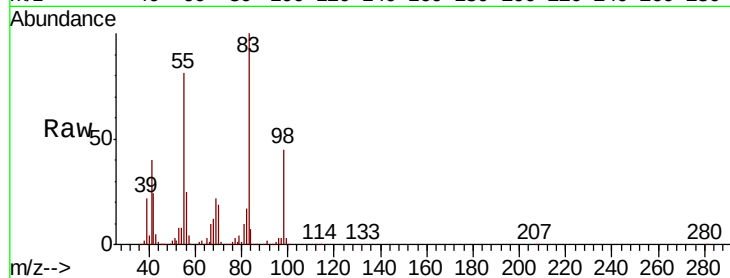
#39  
Methylvlcyclohexane  
Concen: 19.62 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 243399 |       |       |
| 55      | 81.0  |        | 62.4  | 93.6  |
| 98      | 44.9  |        | 36.5  | 54.7  |

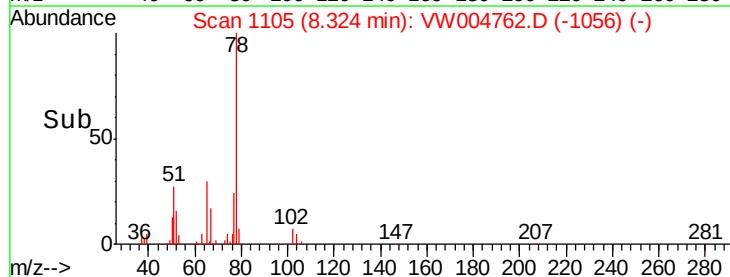
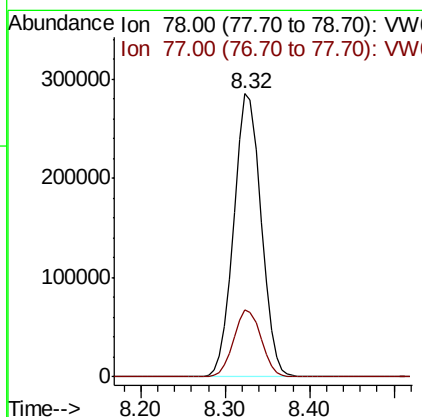
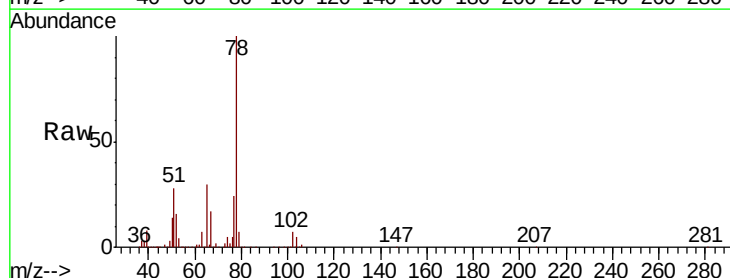
Manual Integrations  
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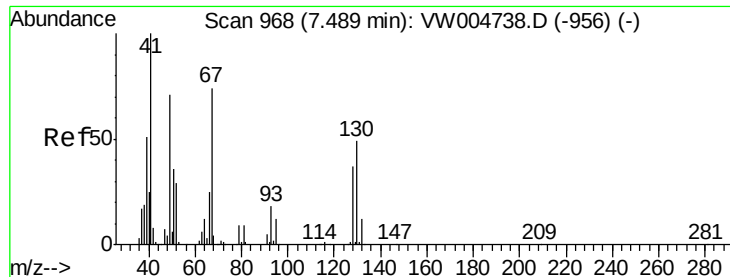
apatel  
8/20/2018 9:56:49 AM



#40  
Benzene  
Concen: 21.67 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 624823 |       |       |
| 77      | 23.7  |        | 19.0  | 28.6  |





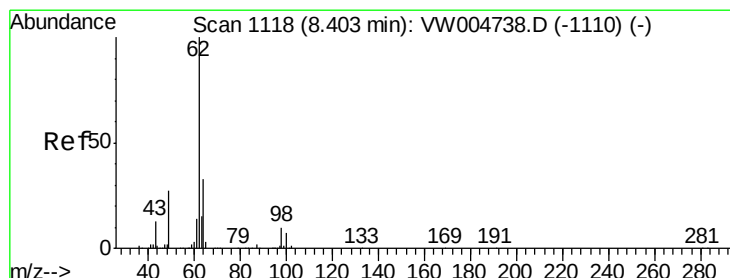
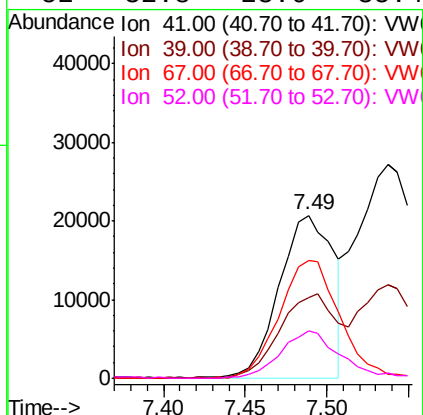
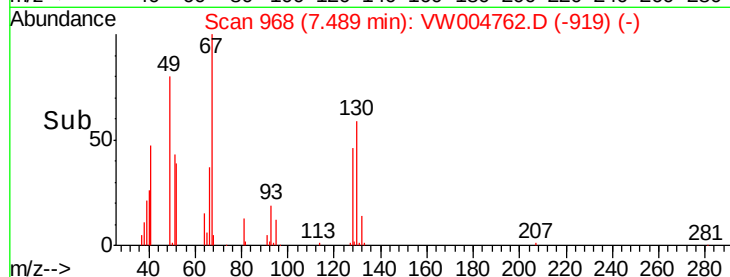
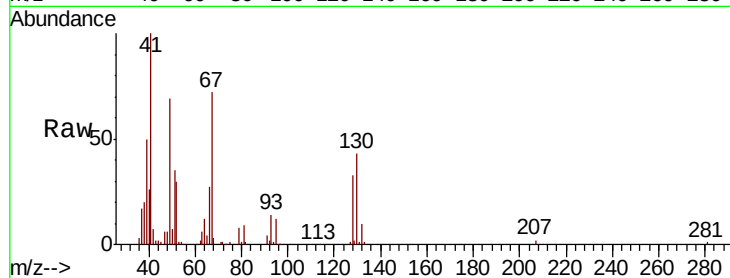
#41  
Methacrylonitrile  
Concen: 21.21 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 47612 |       |       |
| 39      | 56.0 | 41.0  | 61.4  |       |       |
| 67      | 81.2 | 59.5  | 89.3  |       |       |
| 52      | 32.8 | 23.6  | 35.4  |       |       |

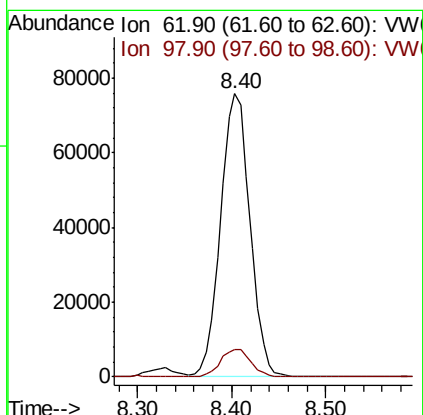
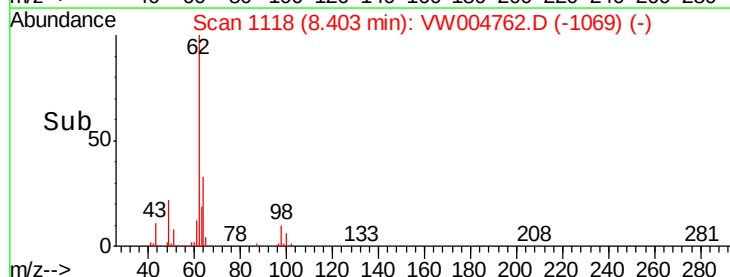
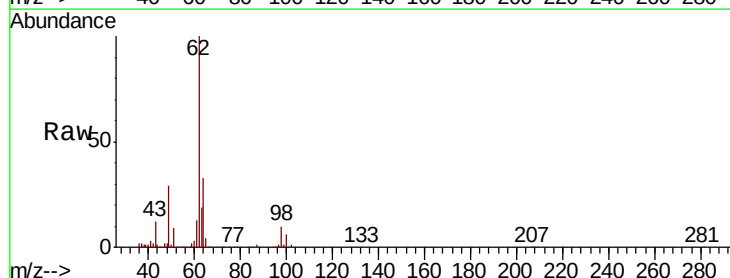
Manual Integrations  
APPROVED

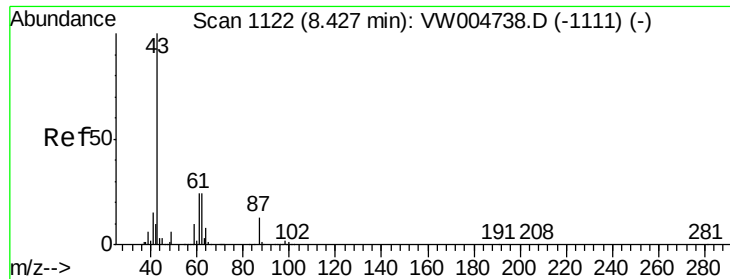
apatel  
8/20/2018 9:56:49 AM



#42  
1,2-Dichloroethane  
Concen: 22.18 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 164004 |       |       |
| 98      | 10.1 | 0.0   | 20.2   |       |       |





#43

Isopropyl Acetate

Concen: 22.13 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

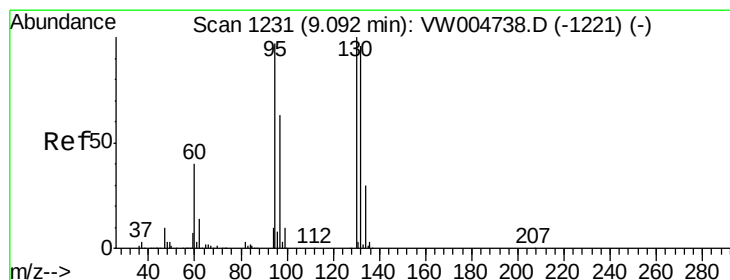
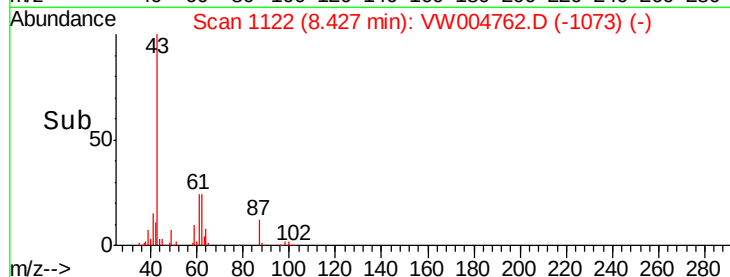
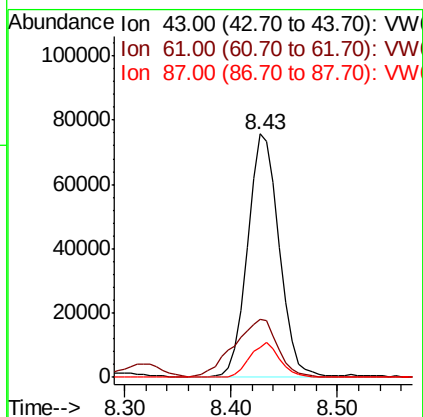
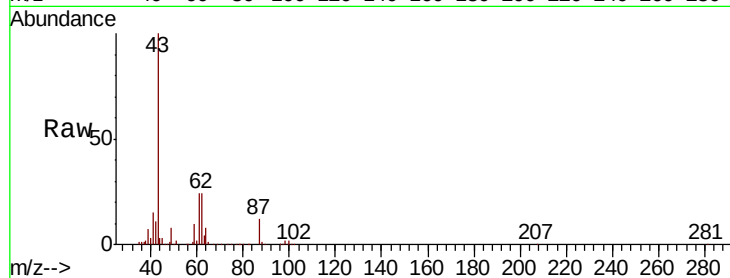
ClientSampleId :

VW0819SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 157204 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 33.2  | 26.2  | 39.4   |
| 87       | 13.7  | 10.9  | 16.3   |

Manual Integrations  
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8/20/2018 9:56:49 AM



#44

Trichloroethene

Concen: 21.01 ug/l

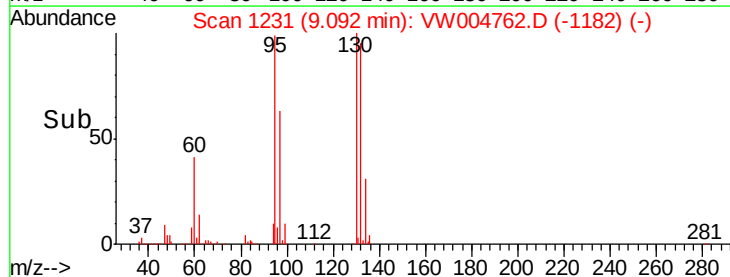
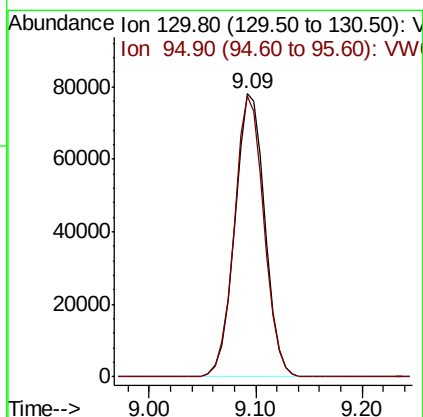
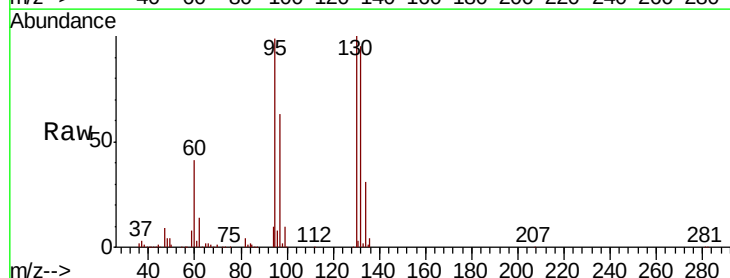
RT: 9.09 min Scan# 1231

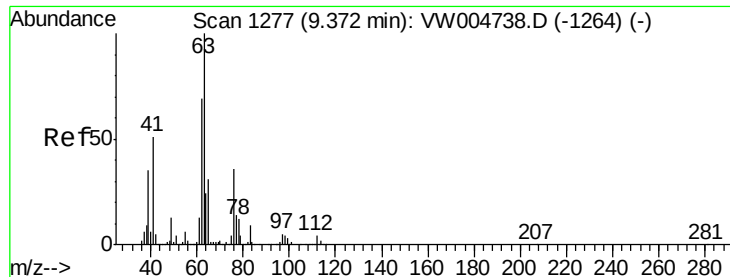
Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 153816 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 99.1  | 0.0   | 194.4  |





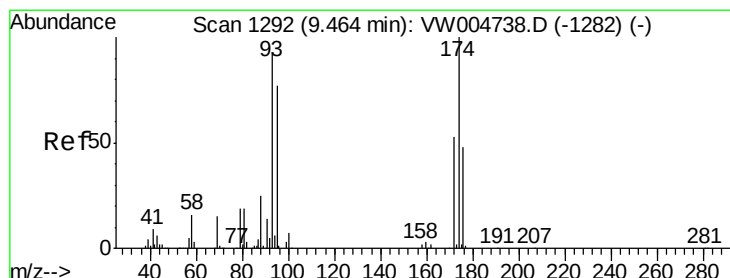
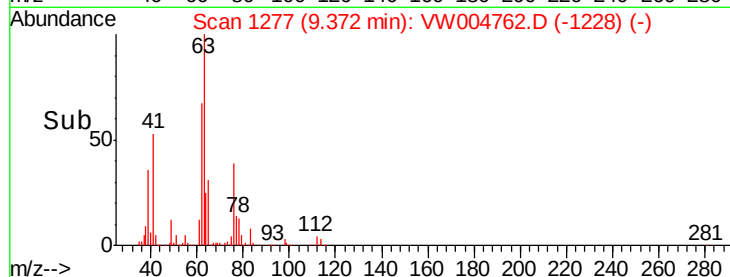
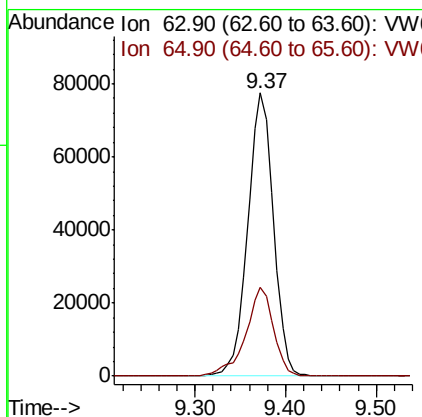
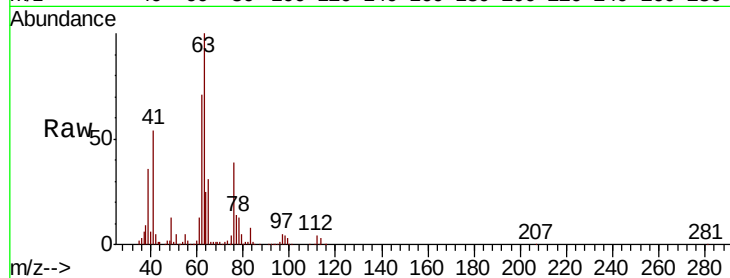
#45  
 1,2-Dichloropropane  
 Concen: 21.54 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.4  | 24.6  | 37.0  |

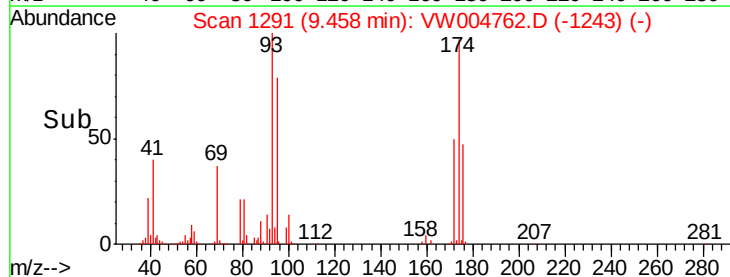
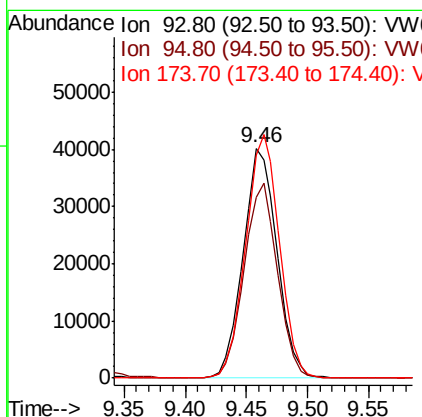
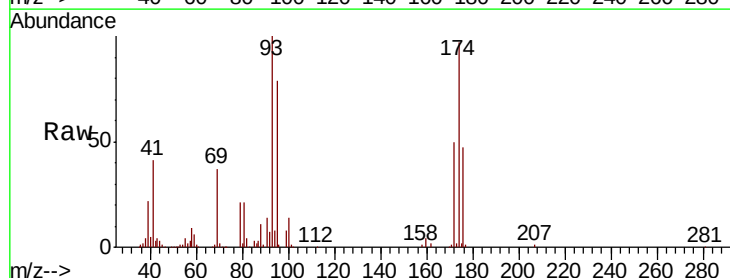
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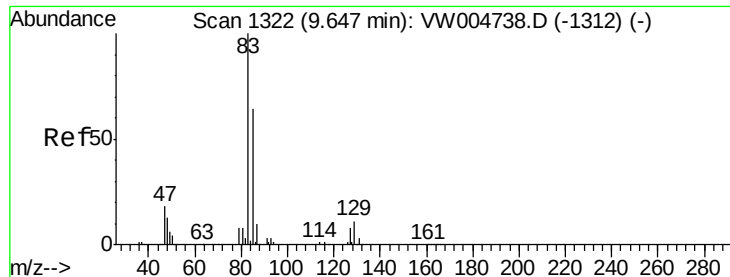
apatel  
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#46  
 Dibromomethane  
 Concen: 22.16 ug/l  
 RT: 9.46 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.1  | 66.6  | 99.8  |
| 174     | 106.0 | 85.3  | 127.9 |





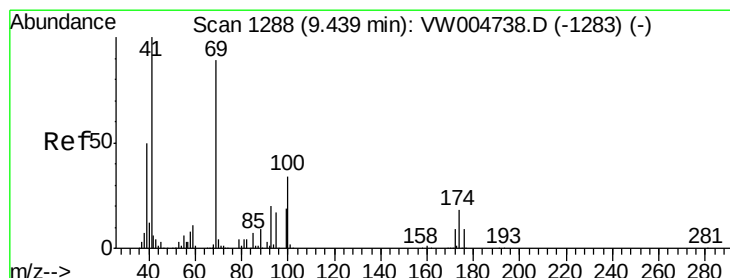
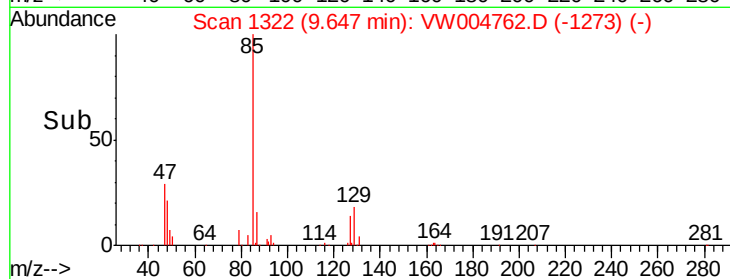
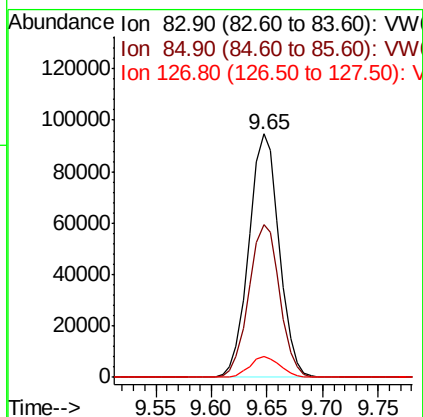
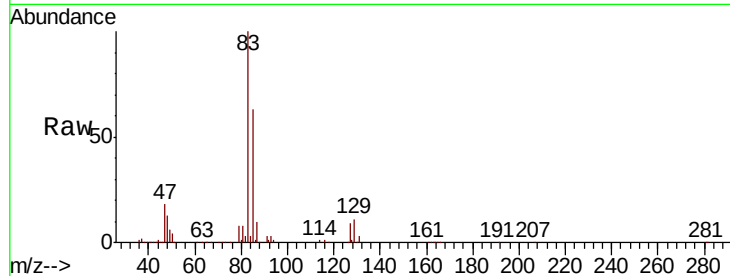
#47  
Bromodichloromethane  
Concen: 21.49 ug/l  
RT: 9.65 min Scan# 1322  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 179358 |       |       |
| 85      | 62.6  | 51.2   | 76.8  |       |
| 127     | 8.7   | 6.7    | 10.1  |       |

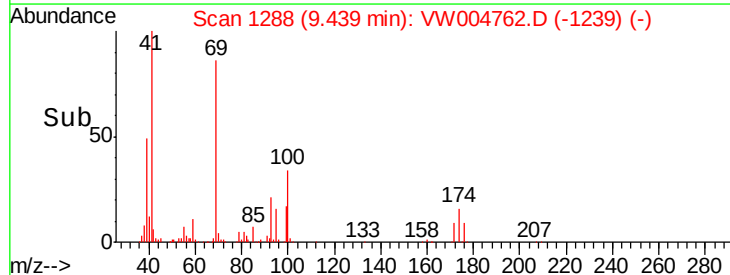
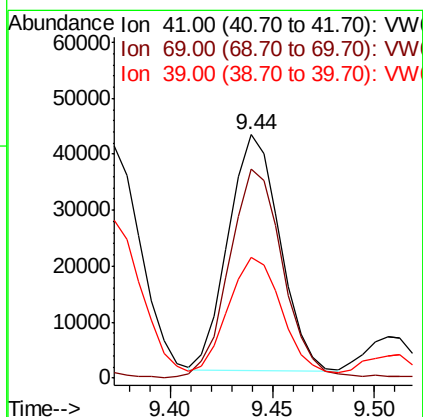
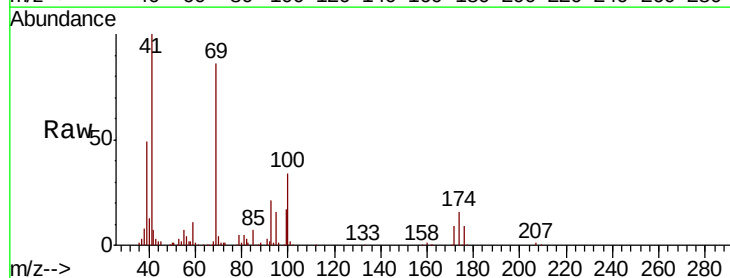
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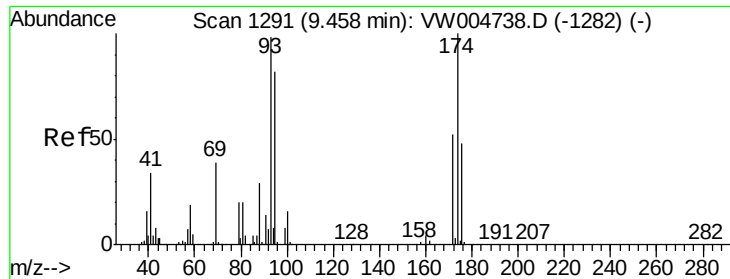
apatel  
8/20/2018 9:56:49 AM



#48  
Methyl methacrylate  
Concen: 22.22 ug/l  
RT: 9.44 min Scan# 1288  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 41      | 100   | 74063 |       |       |
| 69      | 91.4  | 75.2  | 112.8 |       |
| 39      | 50.4  | 39.8  | 59.6  |       |





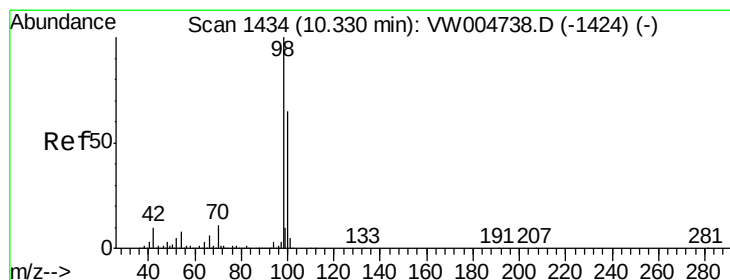
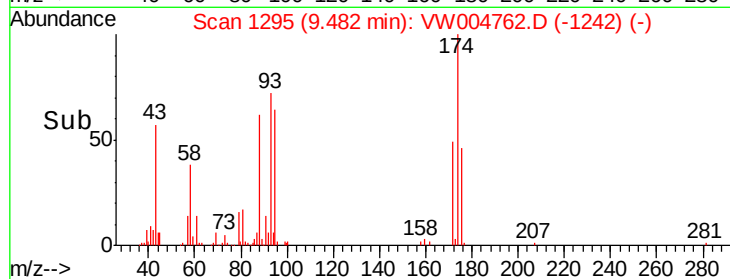
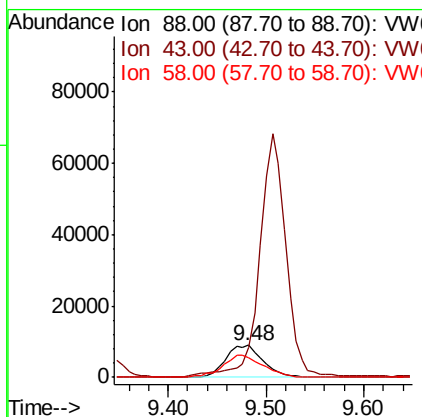
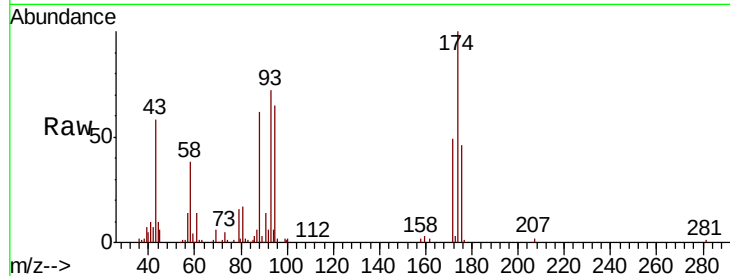
#49  
1,4-Dioxane  
Concen: 470.35 ug/l  
RT: 9.48 min Scan# 1295  
Delta R.T. 0.02 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 22.9  | 34.3# |
| 58      | 75.4  | 60.0  | 90.0  |

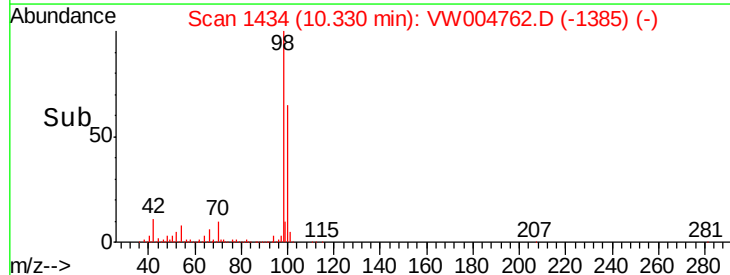
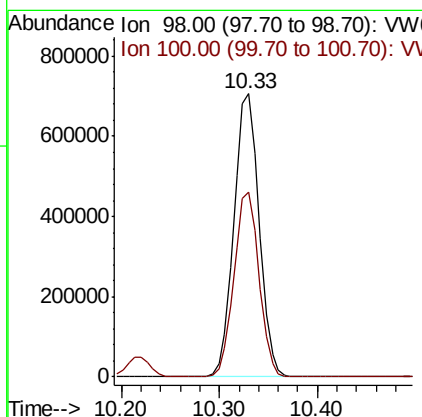
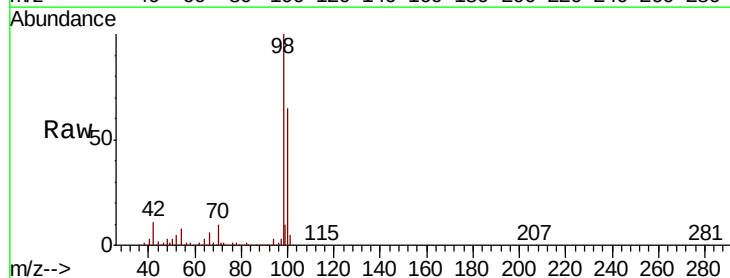
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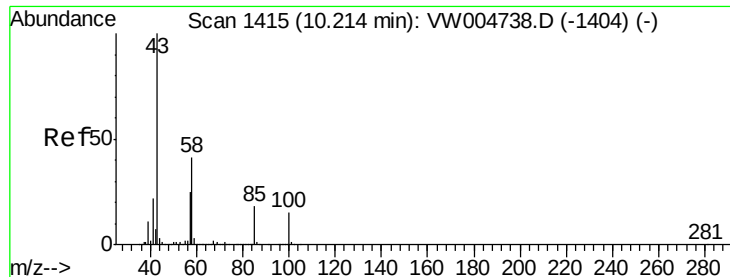
apatel  
8/20/2018 9:56:49 AM



#50  
Toluene-d8  
Concen: 52.48 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.8  | 77.8  |





#51

4-Methyl-2-Pentanone

Concen: 112.17 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 43 Resp: 538558

Ion Ratio Lower Upper

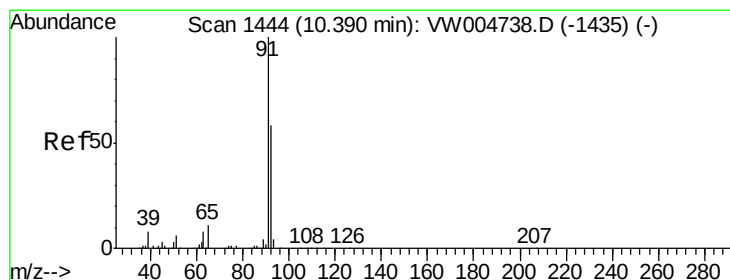
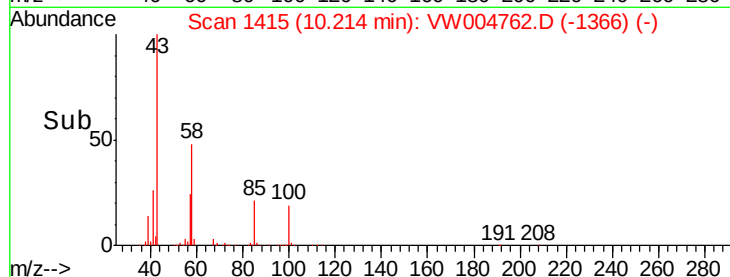
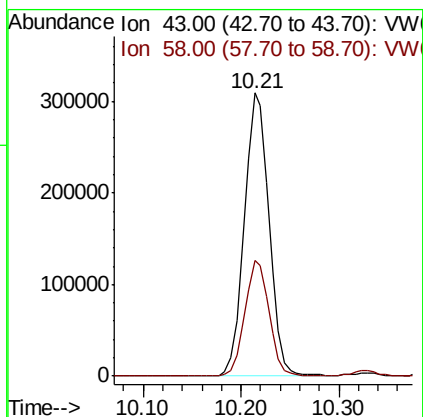
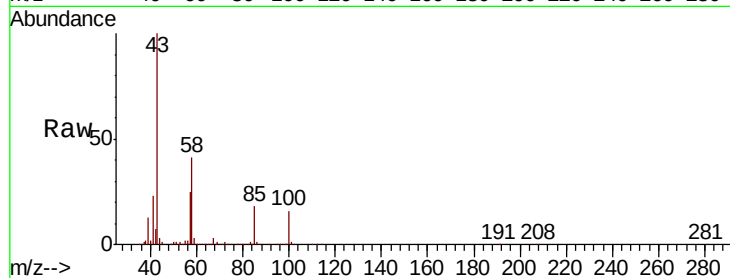
43 100

58 40.2 32.7 49.1

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#52

Toluene

Concen: 22.10 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004762.D

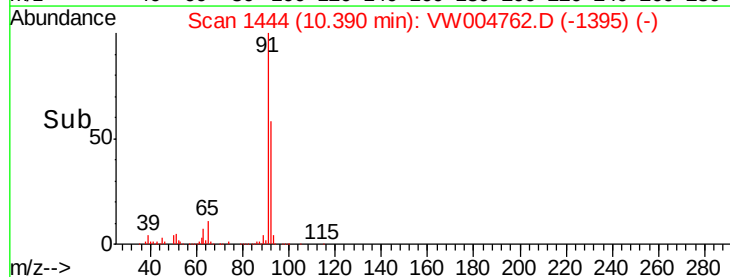
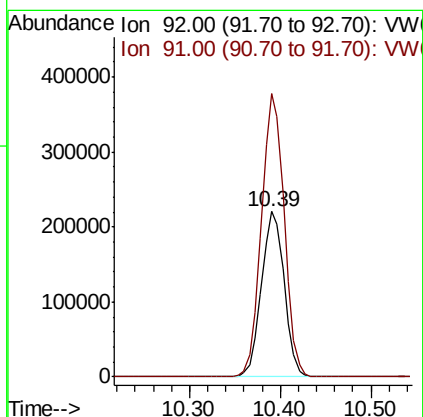
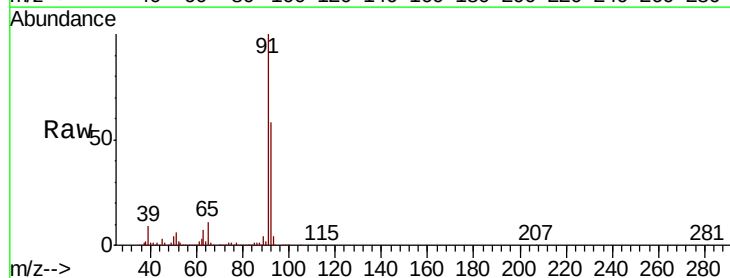
Acq: 18 Aug 2018 06:05

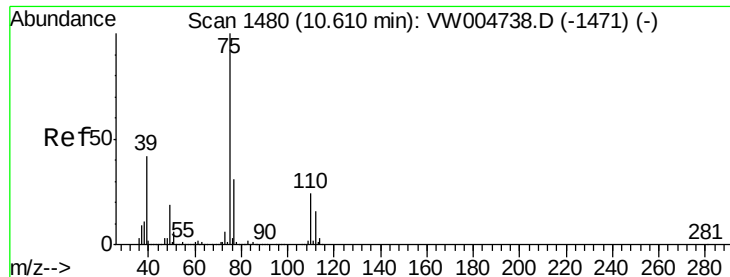
Tgt Ion: 92 Resp: 382194

Ion Ratio Lower Upper

92 100

91 171.1 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 20.56 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 75 Resp: 172832

Ion Ratio Lower Upper

75 100

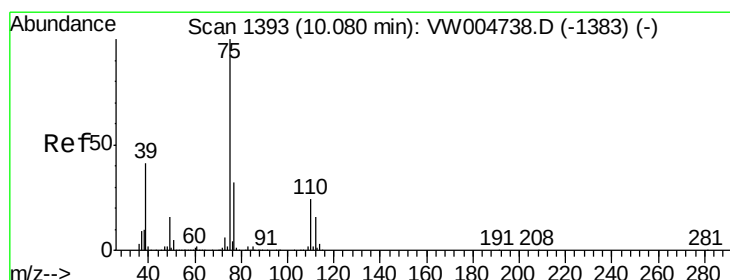
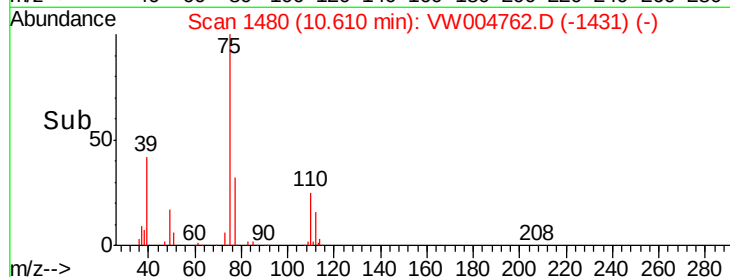
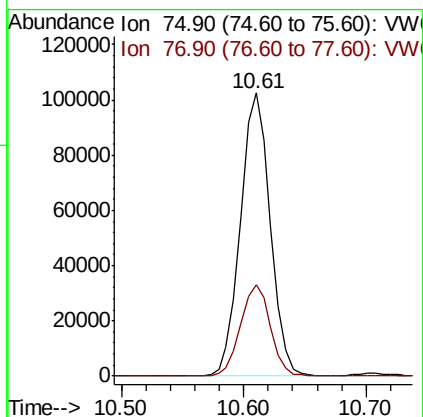
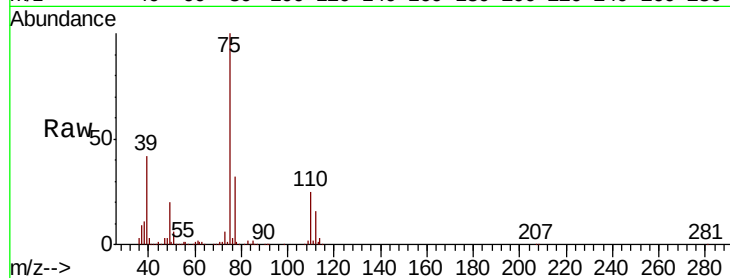
77 32.1 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.51 ug/l

RT: 10.07 min Scan# 1392

Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

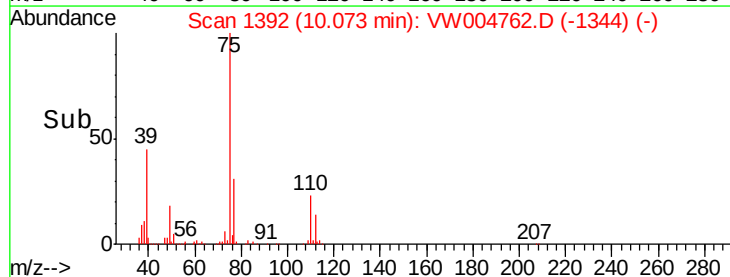
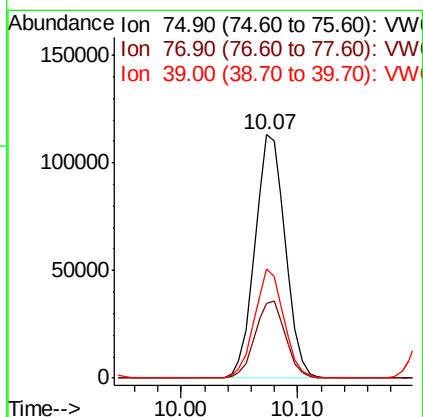
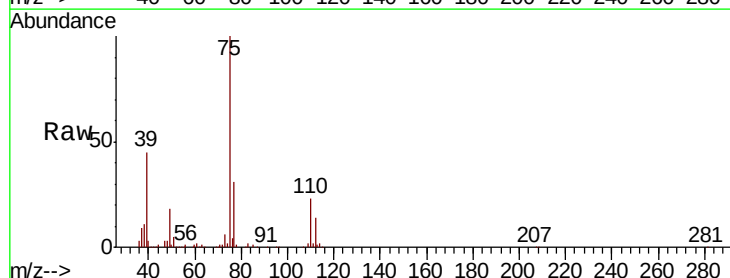
Tgt Ion: 75 Resp: 205555

Ion Ratio Lower Upper

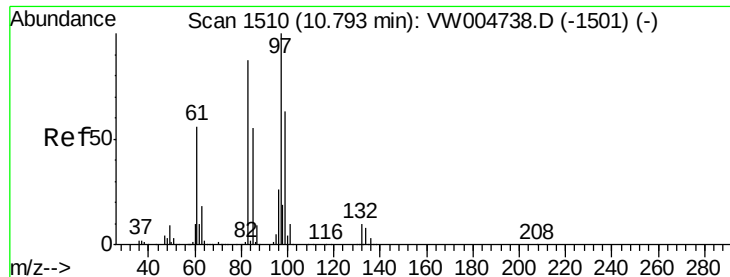
75 100

77 30.6 25.6 38.4

39 44.9 33.0 49.4







#55

1,1,2-Trichloroethane

Concen: 22.63 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

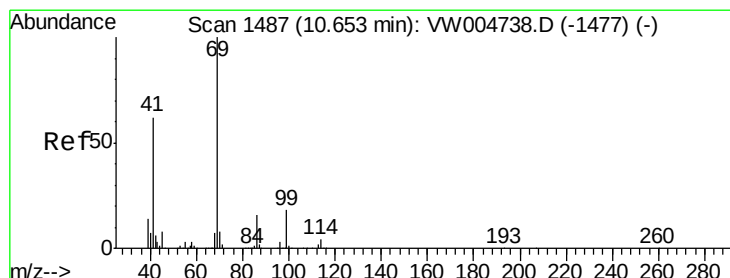
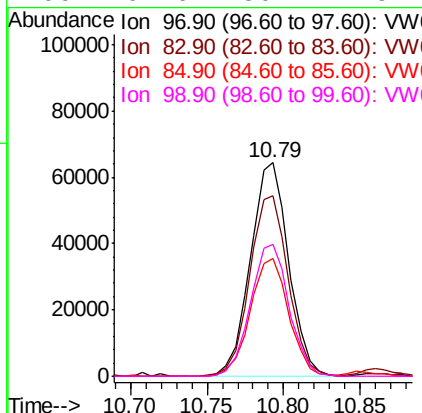
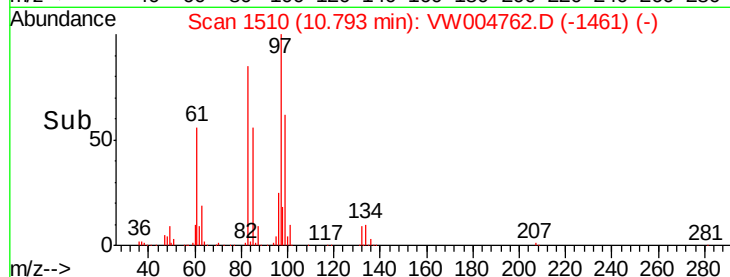
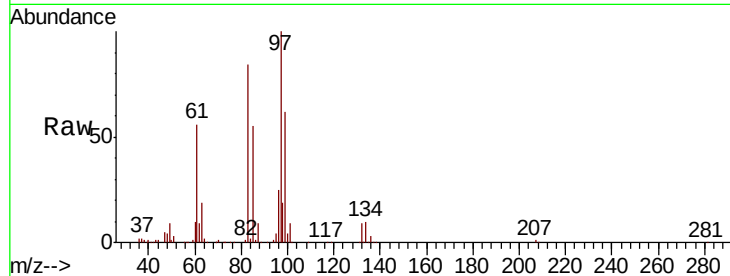
ClientSampleId :

VW0819SBS02

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 112409 |       |       |
| 83      | 84.5 | 69.4  | 104.2  |       |       |
| 85      | 55.4 | 44.3  | 66.5   |       |       |
| 99      | 61.6 | 50.2  | 75.2   |       |       |

Manual Integrations  
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#56

Ethyl methacrylate

Concen: 21.33 ug/l

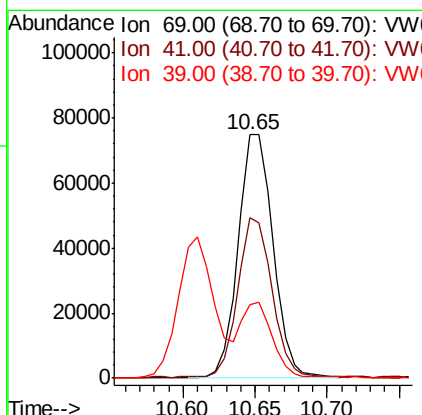
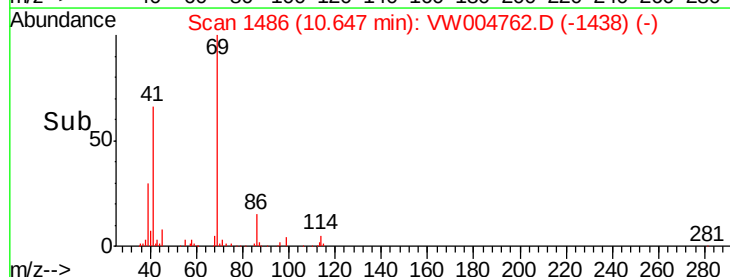
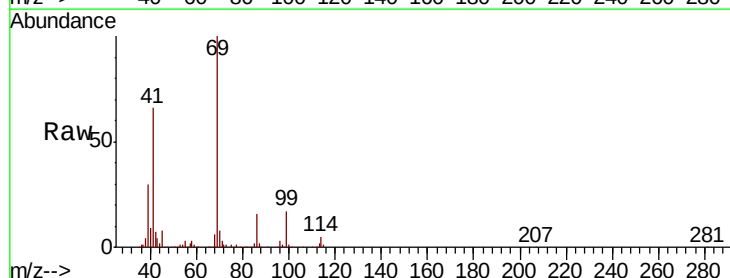
RT: 10.65 min Scan# 1486

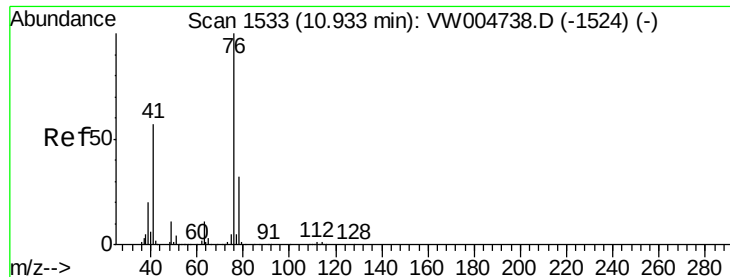
Delta R.T. -0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 126594 |       |       |
| 41      | 64.8 | 50.7  | 76.1   |       |       |
| 39      | 27.2 | 21.4  | 32.2   |       |       |





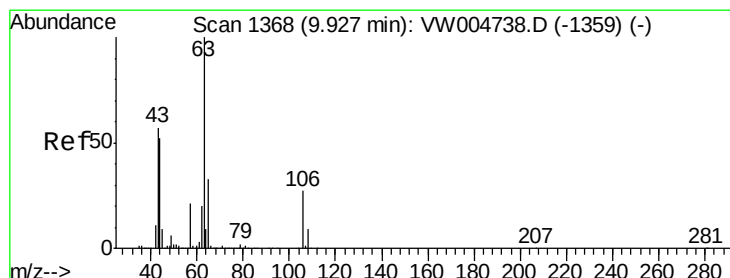
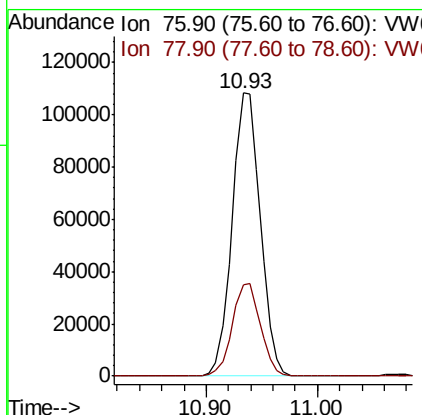
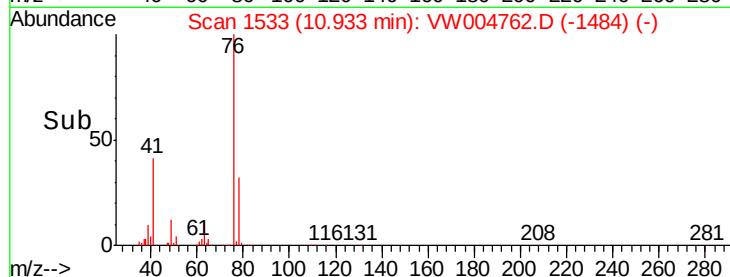
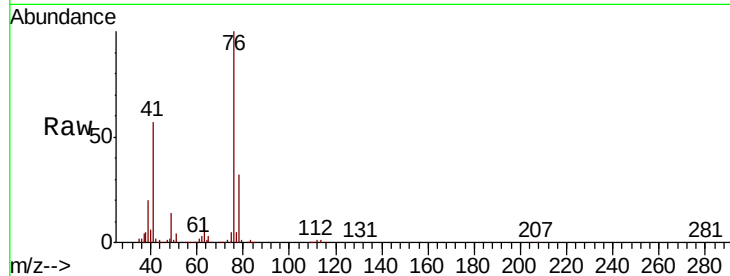
#57  
 1,3-Dichloropropane  
 Concen: 22.08 ug/l  
 RT: 10.93 min Scan# 1533  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.9  | 25.9  | 38.9  |

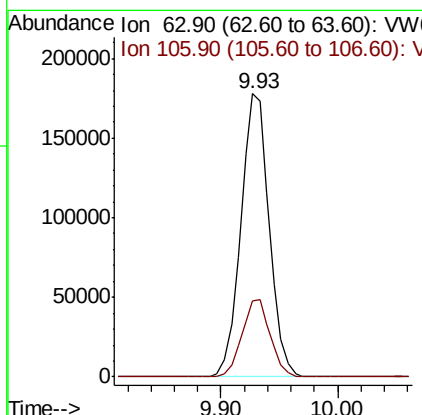
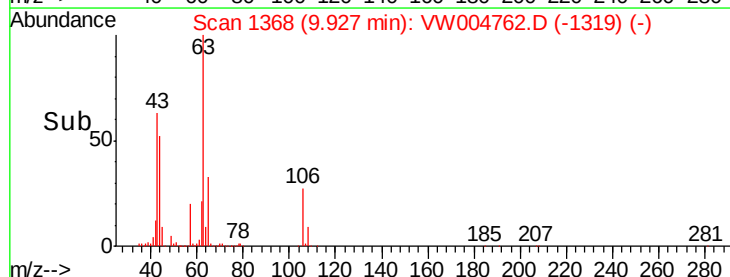
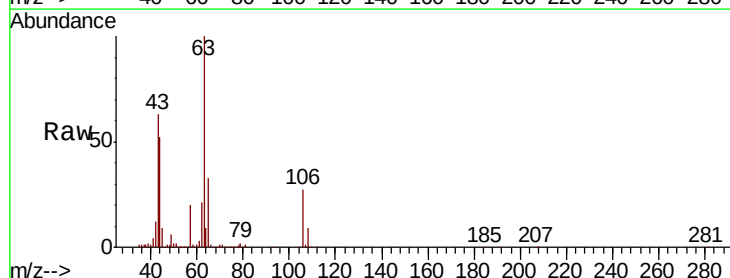
Manual Integrations  
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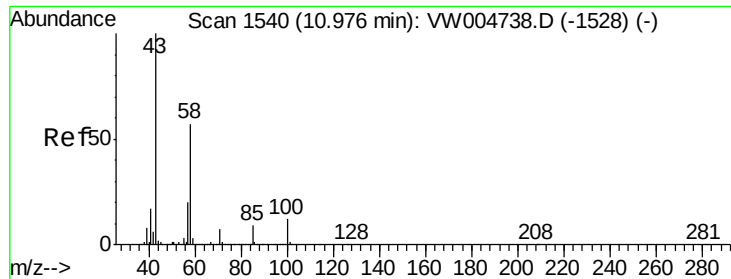
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 109.79 ug/l  
 RT: 9.93 min Scan# 1368  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 27.1  | 22.1  | 33.1  |





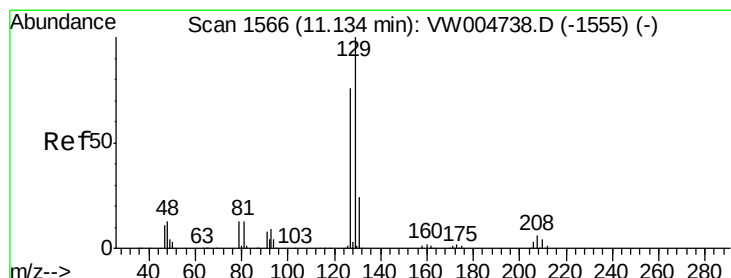
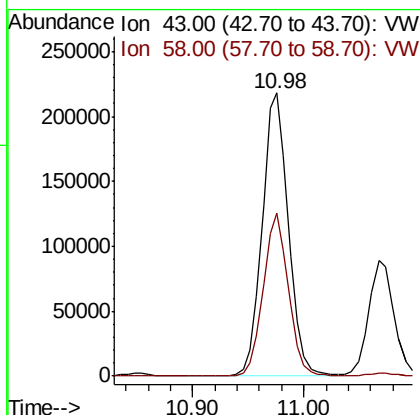
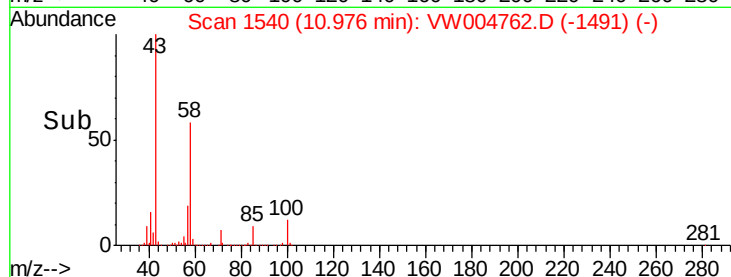
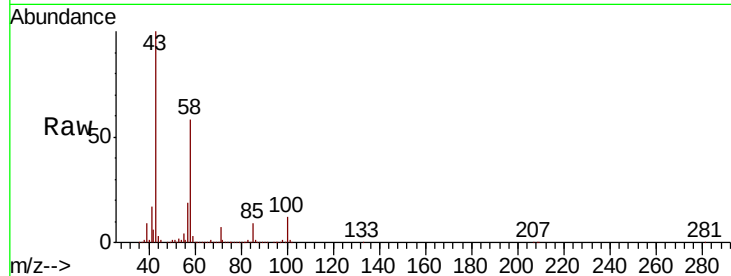
#59  
2-Hexanone  
Concen: 109.80 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

Tot Ion: 43 Resp: 357202  
Ion Ratio Lower Upper  
43 100  
58 55.7 28.1 84.4

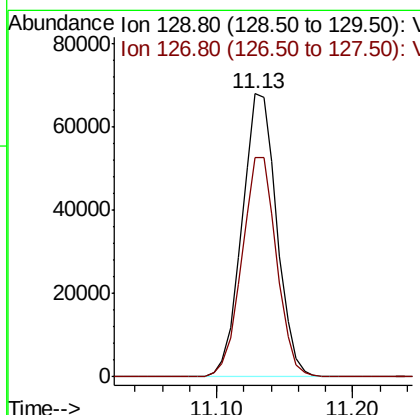
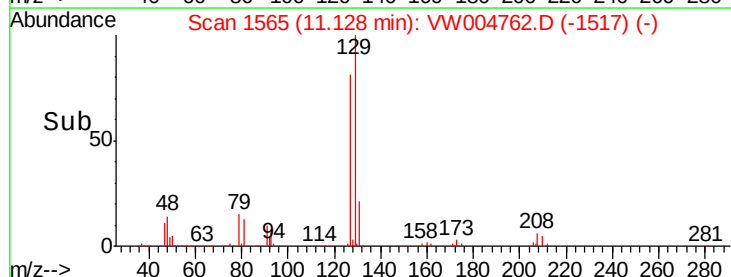
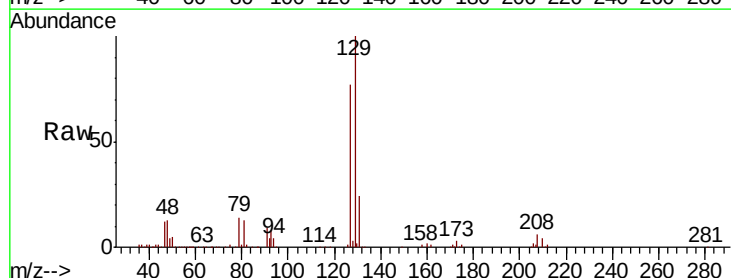
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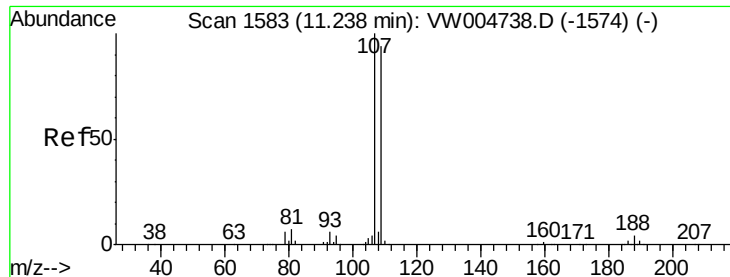
apatel  
8/20/2018 9:56:49 AM



#60  
Dibromochloromethane  
Concen: 21.68 ug/l  
RT: 11.13 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Tgt Ion: 129 Resp: 120813  
Ion Ratio Lower Upper  
129 100  
127 77.5 38.5 115.5





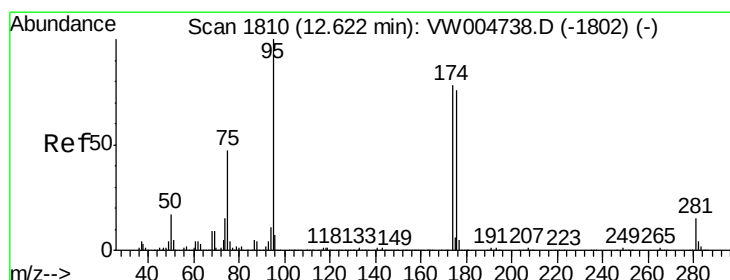
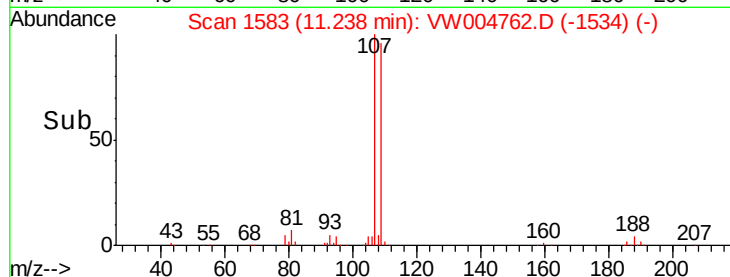
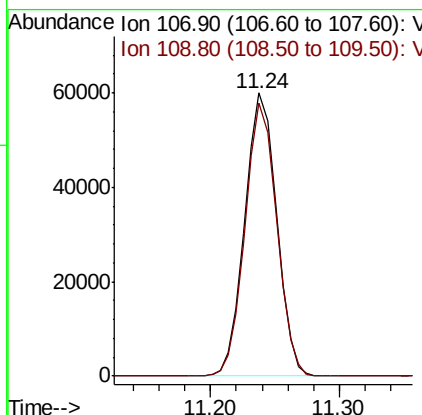
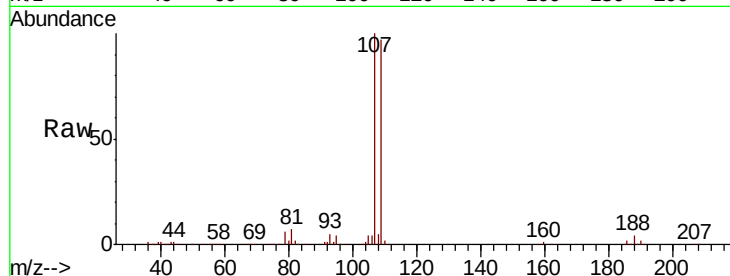
#61  
 1,2-Dibromoethane  
 Concen: 21.62 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.7  | 75.5  | 113.3 |

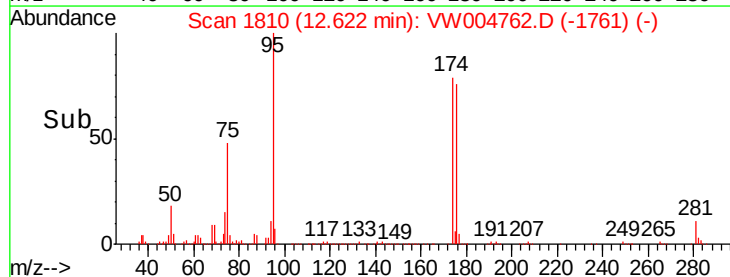
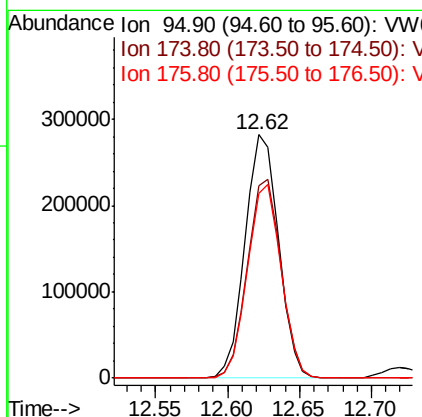
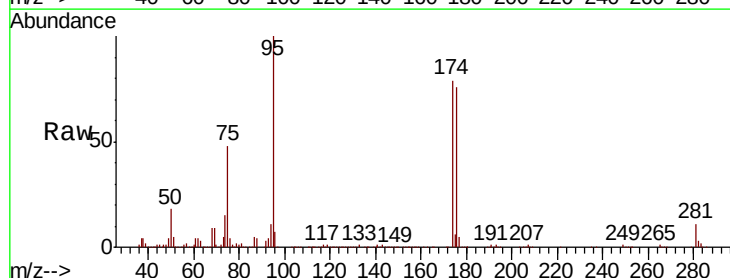
Manual Integrations  
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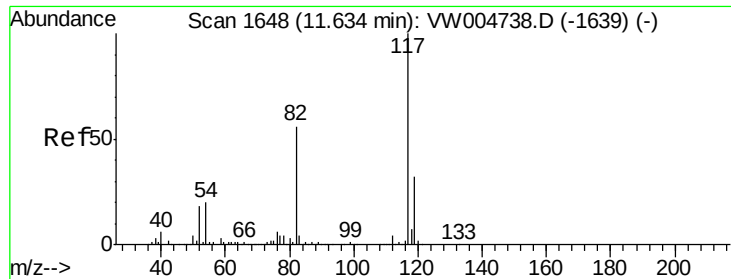
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 52.58 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 82.0  | 0.0   | 165.8 |
| 176     | 79.5  | 0.0   | 159.8 |





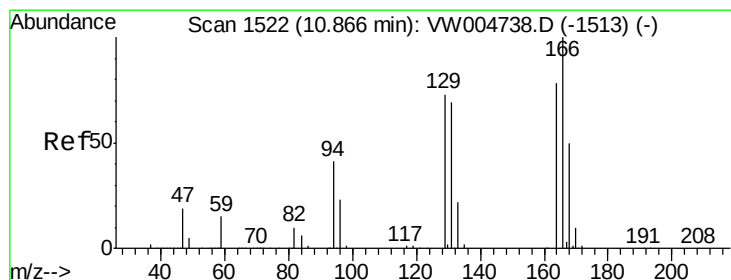
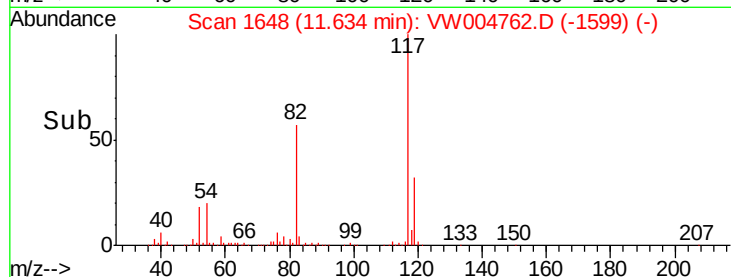
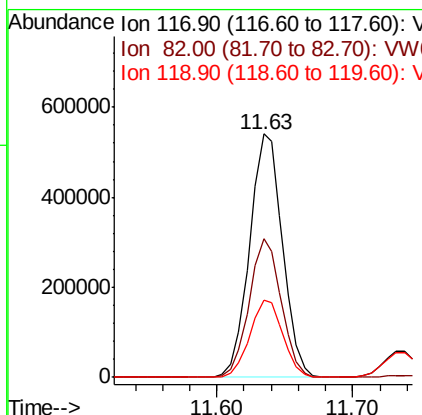
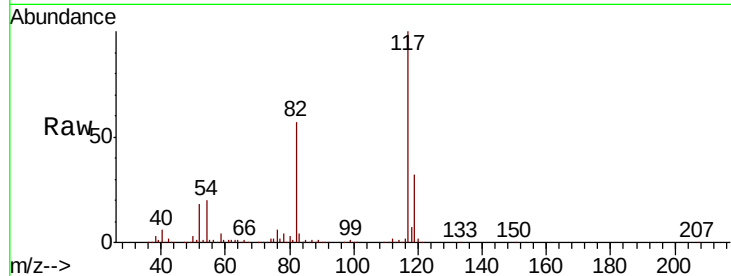
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.0  | 44.6  | 67.0  |
| 119     | 32.0  | 25.6  | 38.4  |

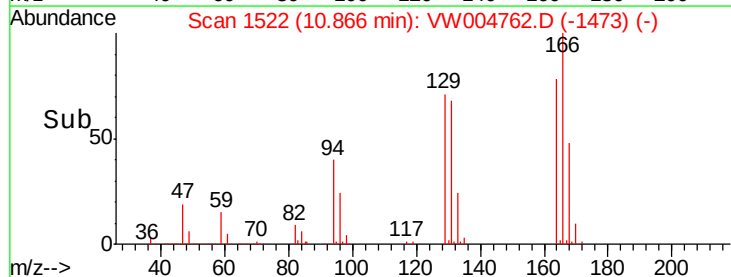
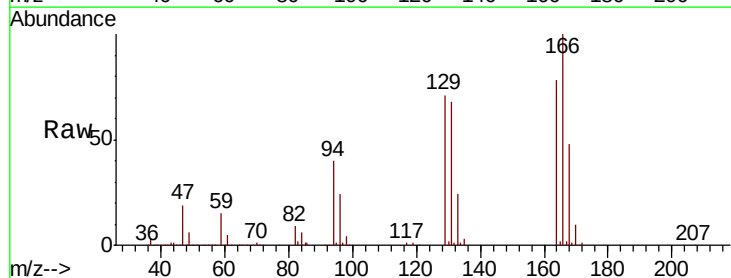
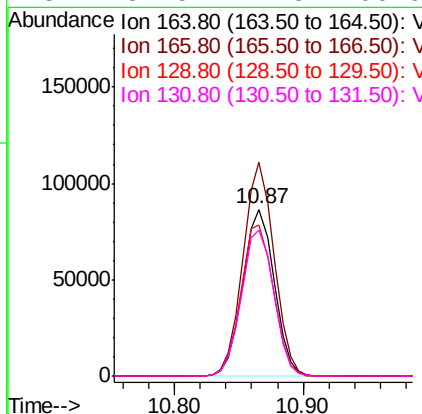
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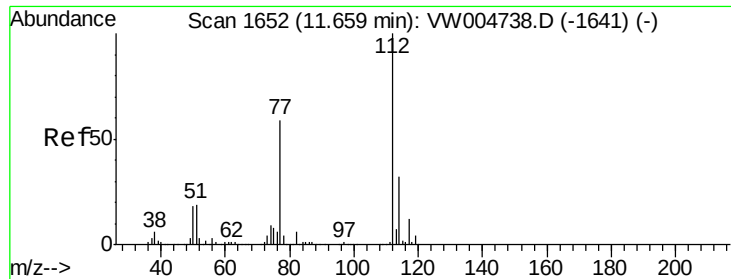
apatel  
8/20/2018 9:56:49 AM



#64  
Tetrachloroethene  
Concen: 23.29 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.0 | 102.5 | 153.7 |
| 129     | 90.6  | 75.1  | 112.7 |
| 131     | 87.5  | 71.3  | 106.9 |





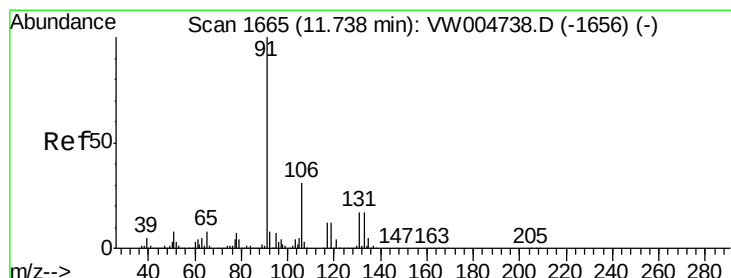
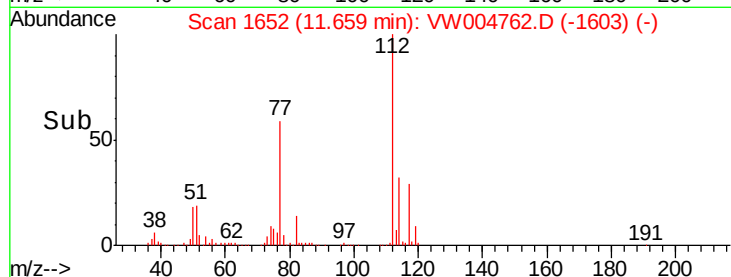
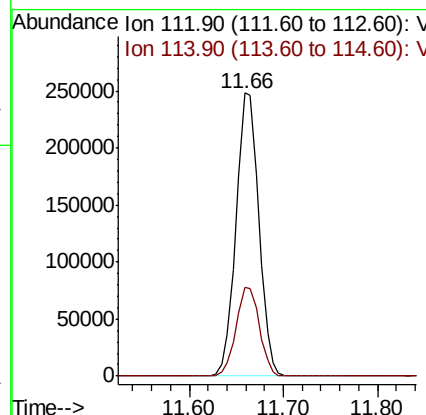
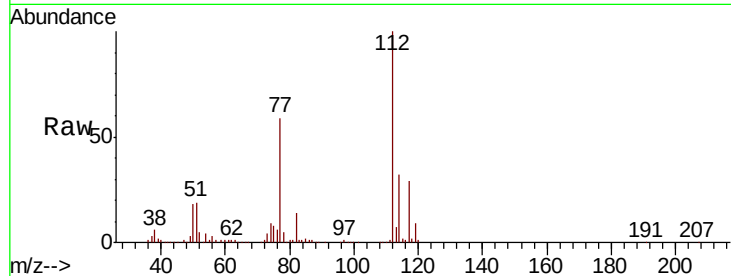
#65  
Chlorobenzene  
Concen: 21.15 ug/l  
RT: 11.66 min Scan# 1652  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.6  | 25.4  | 38.2  |

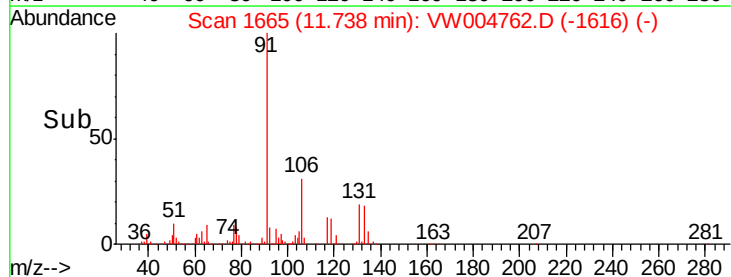
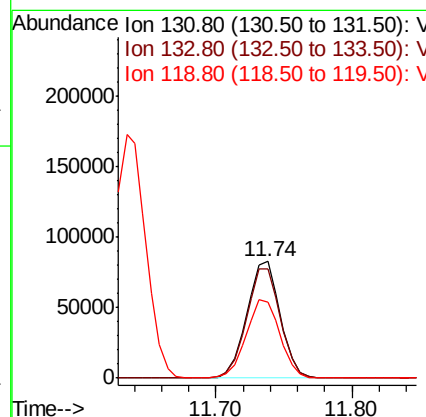
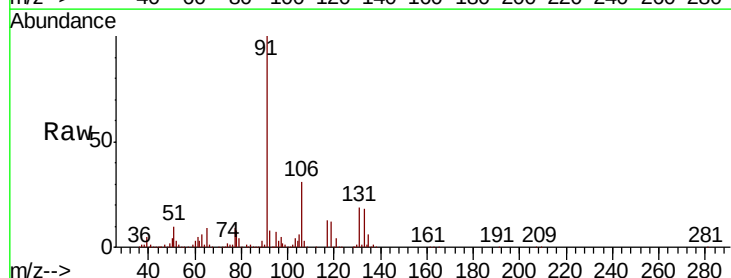
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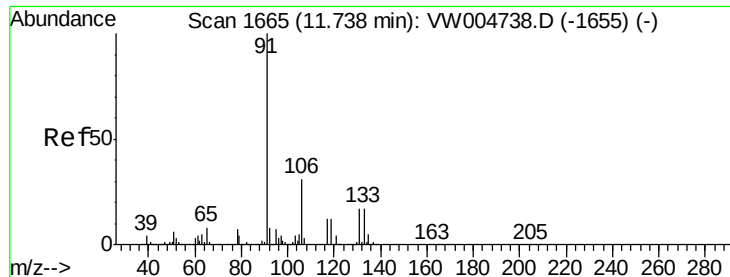
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.21 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.6  | 48.2  | 144.6 |
| 119     | 68.0  | 34.0  | 102.0 |





#67

Ethyl Benzene

Concen: 20.93 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampled :

VW0819SBS02

Tot Ion: 91 Resp: 700152

Ion Ratio Lower Upper

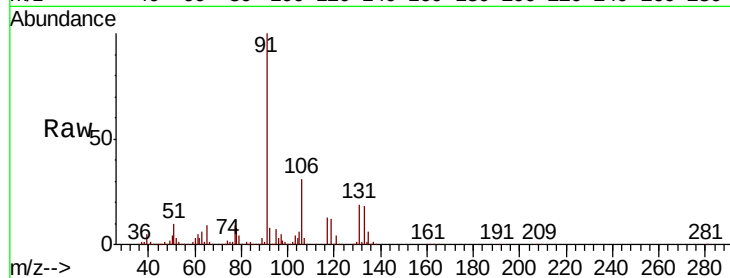
91 100

106 31.1 24.9 37.3

Manual Integrations  
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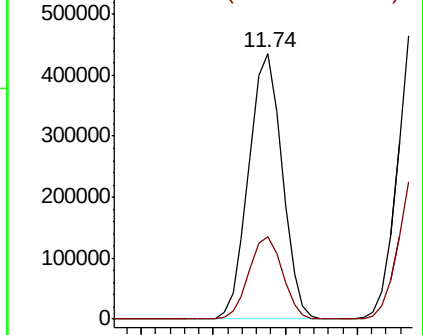
apatel

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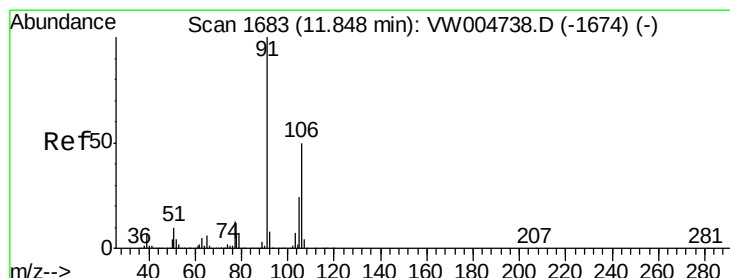
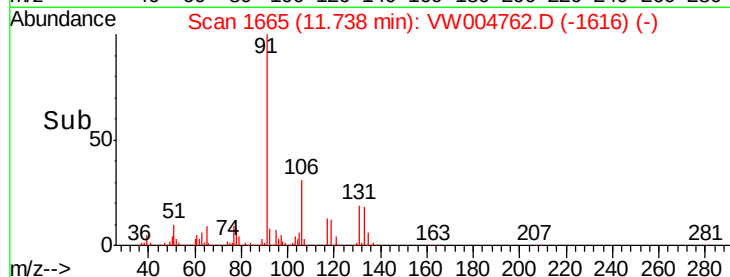


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



Time-->



#68

m/p-Xylenes

Concen: 42.70 ug/l

RT: 11.85 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VW004762.D

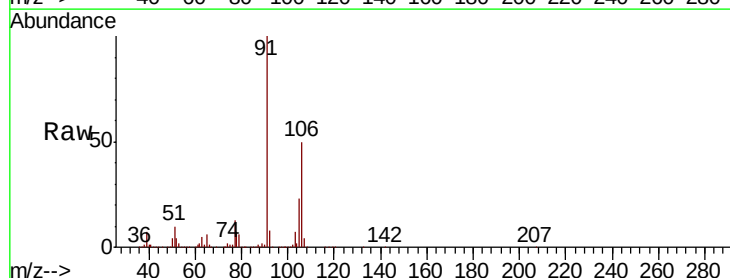
Acq: 18 Aug 2018 06:05

Tgt Ion: 106 Resp: 555680

Ion Ratio Lower Upper

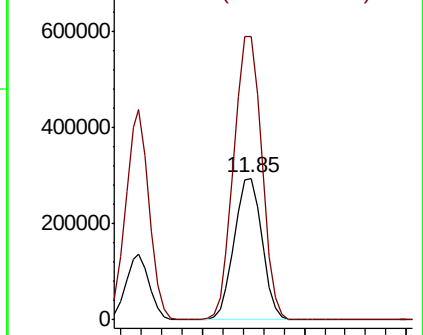
106 100

91 202.1 159.9 239.9

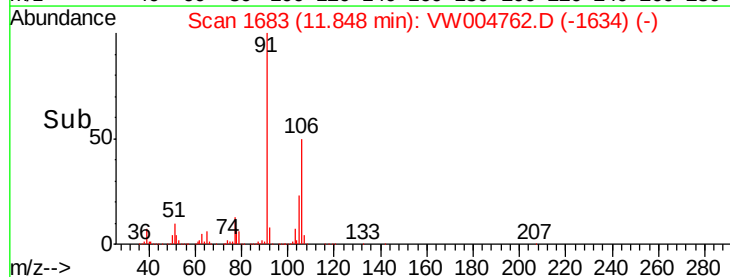


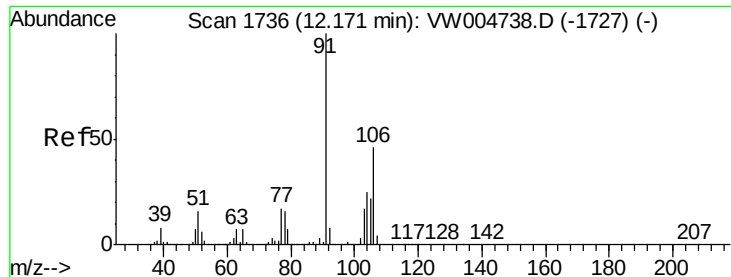
Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



Time-->





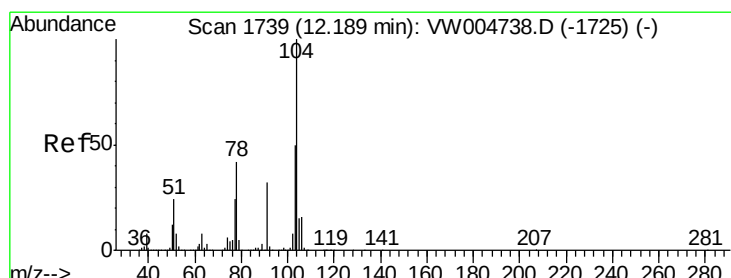
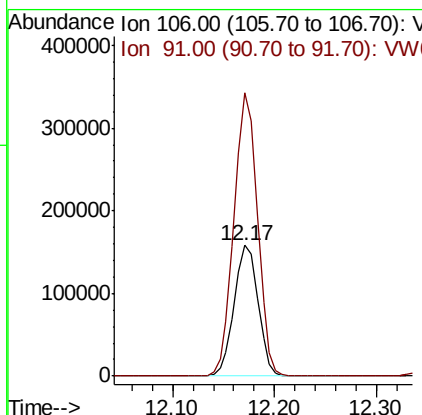
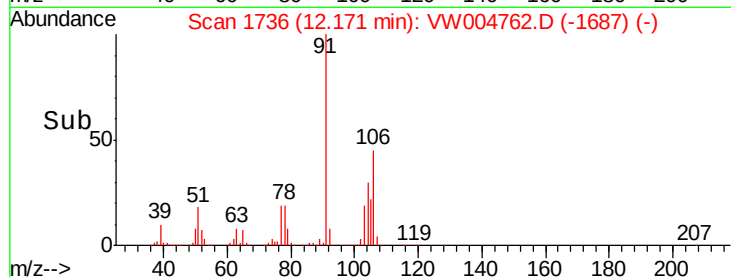
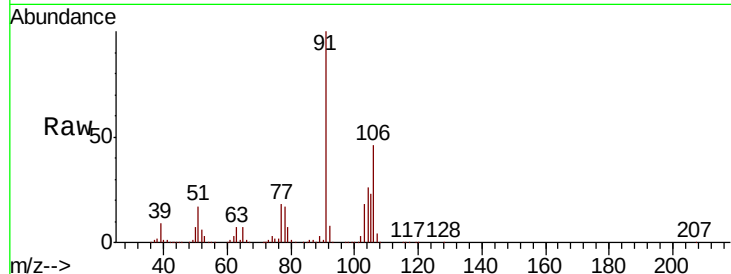
#69  
o-Xylene  
Concen: 21.29 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 106     | 100   |       | 256514 |       |       |
| 91      | 212.3 | 107.3 | 321.8  |       |       |

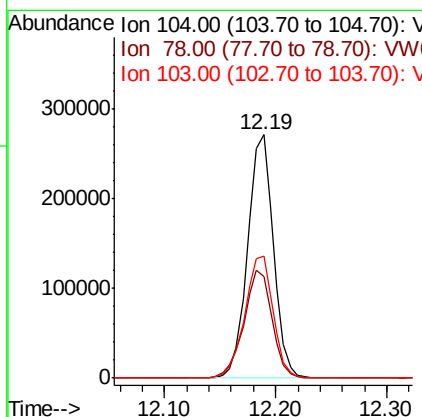
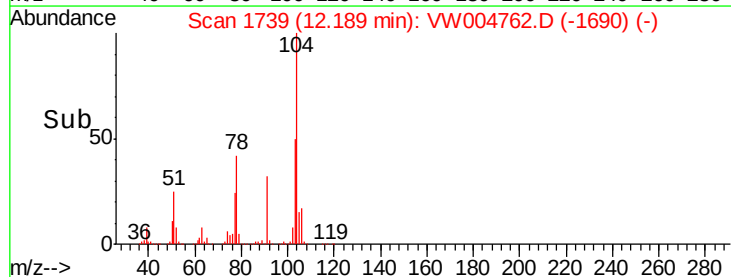
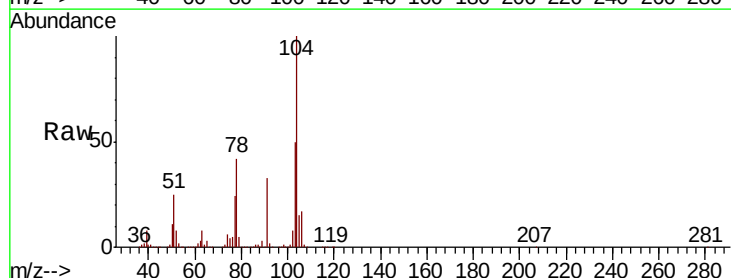
Manual Integrations  
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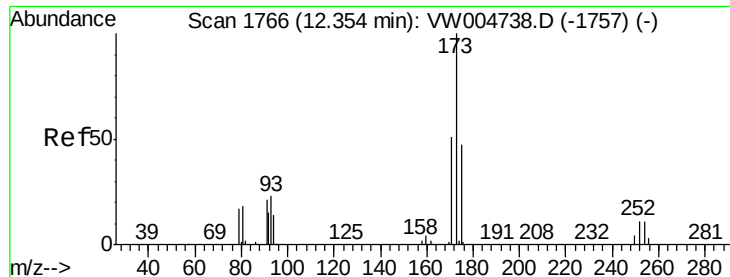


#70  
Styrene  
Concen: 21.54 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 104     | 100  |       | 435949 |       |       |
| 78      | 48.3 | 38.4  | 57.6   |       |       |
| 103     | 55.0 | 44.1  | 66.1   |       |       |







#71

Bromoform

Concen: 20.95 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

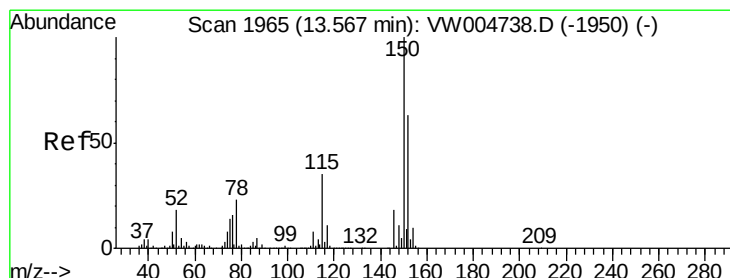
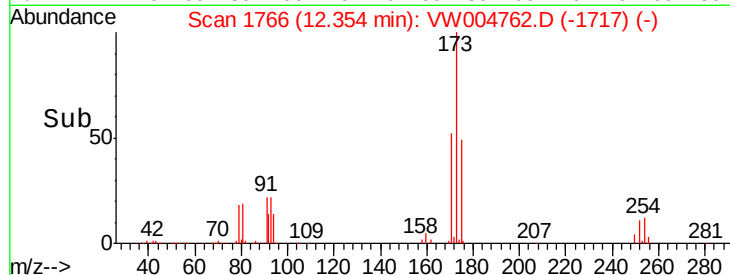
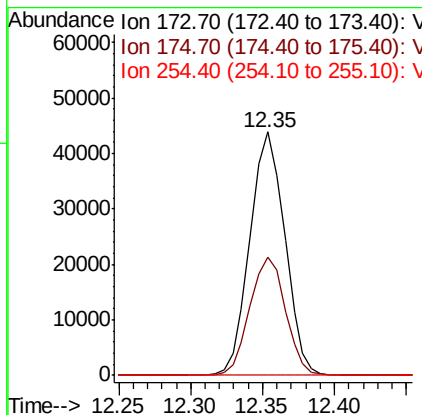
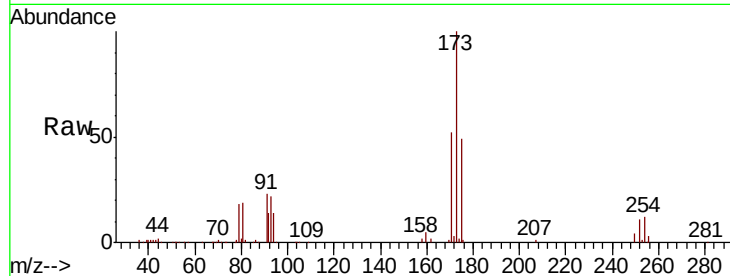
ClientSampleId :

VW0819SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 49.6  | 23.8  | 71.4  |
| 254     | 0.1   | 0.1   | 0.1   |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

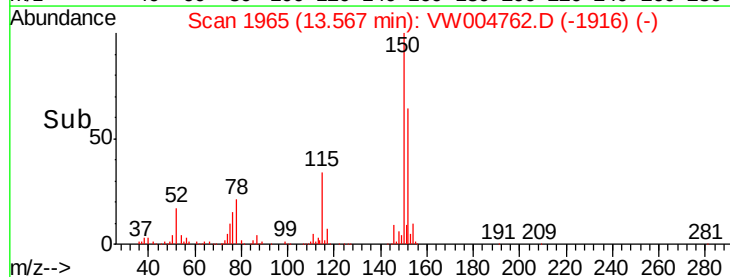
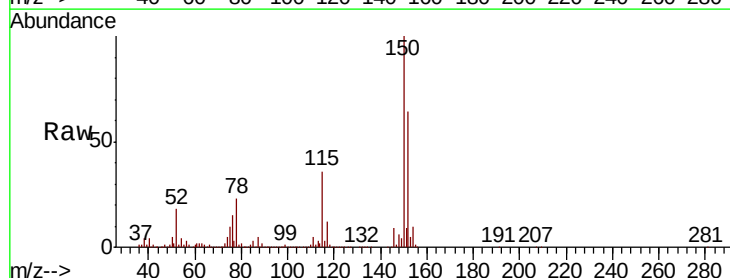
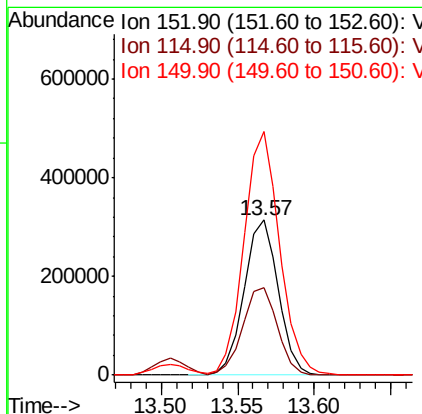
RT: 13.57 min Scan# 1965

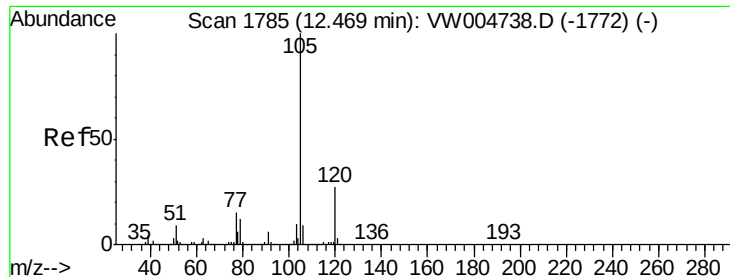
Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 57.6  | 28.5  | 85.5  |
| 150     | 164.0 | 0.0   | 344.8 |





#73

Isopropylbenzene

Concen: 20.94 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBS02

Tot Ion: 105 Resp: 694061

Ion Ratio Lower Upper

105 100

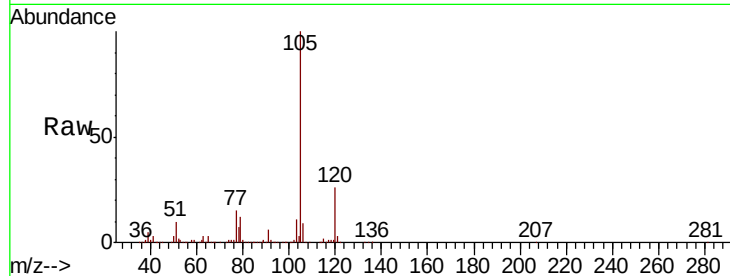
120 27.1 13.3 39.9

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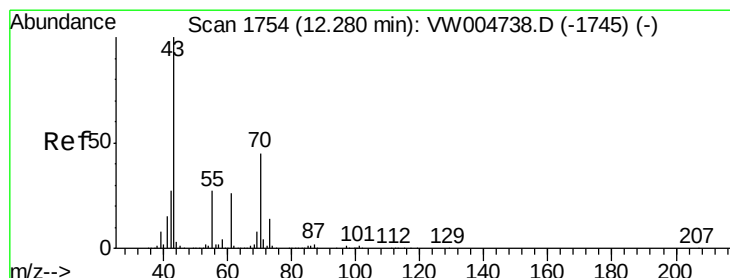
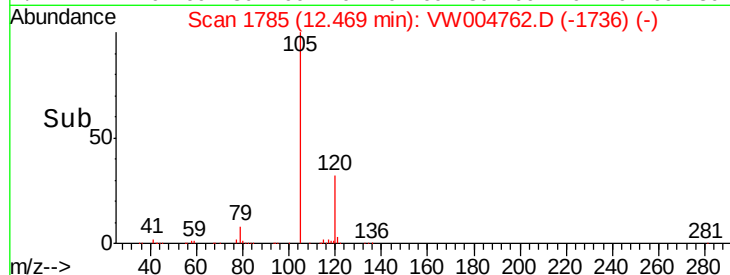
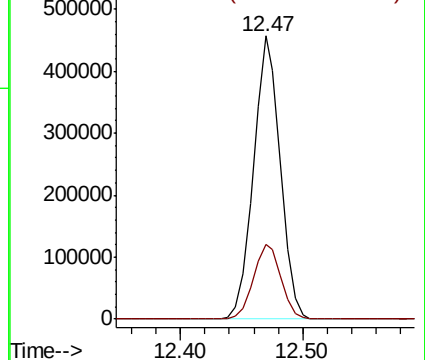
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.33 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Tgt Ion: 43 Resp: 146078

Ion Ratio Lower Upper

43 100

70 45.4 36.3 54.5

55 29.6 22.6 33.8

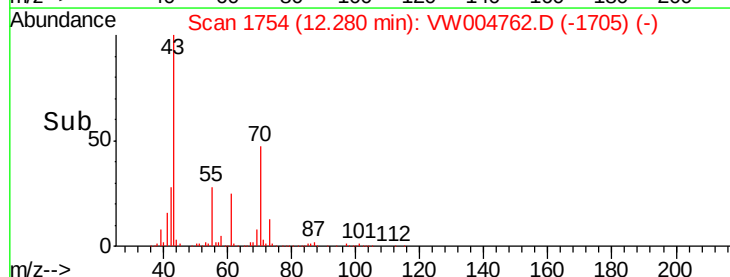
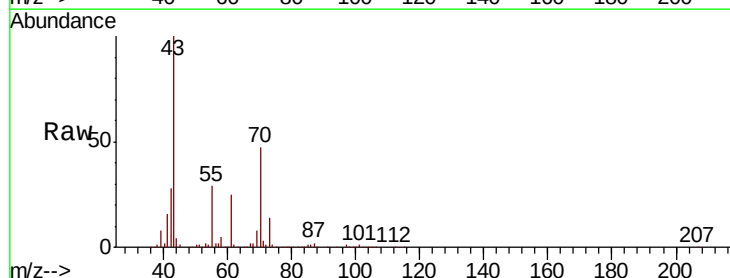
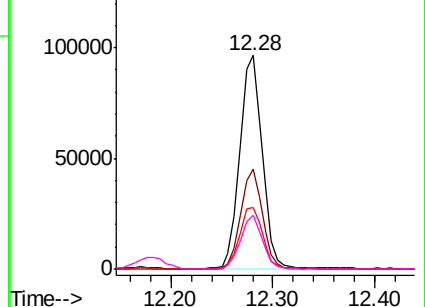
61 24.5 20.2 30.4

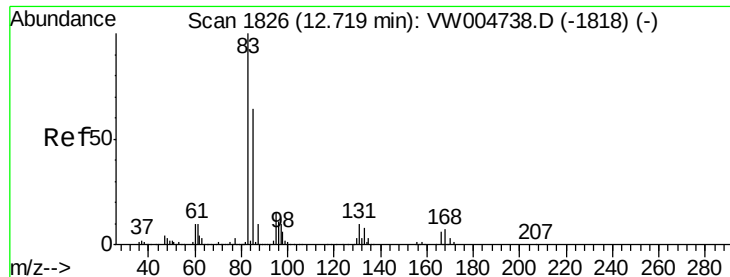
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 22.09 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

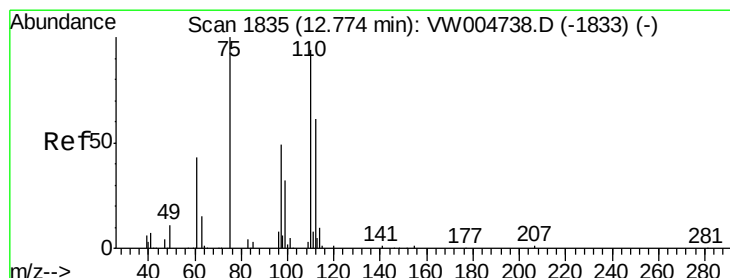
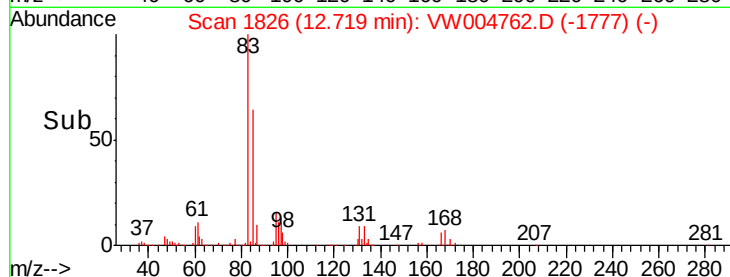
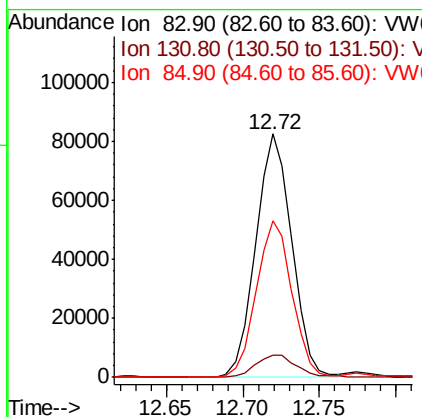
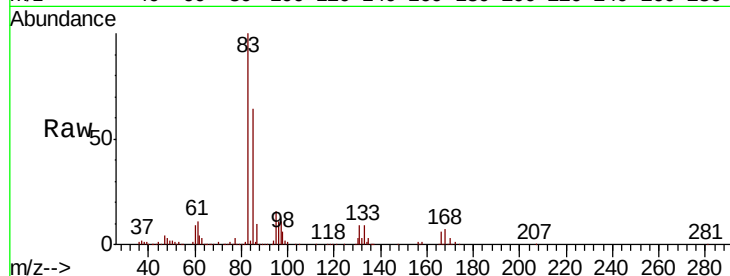
ClientSampled :

VW0819SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 135645 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.3   | 15.8   |
| 85        | 63.6  | 31.9  | 95.9   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 20.58 ug/l m

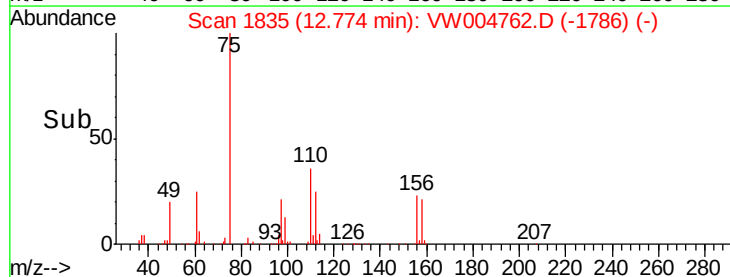
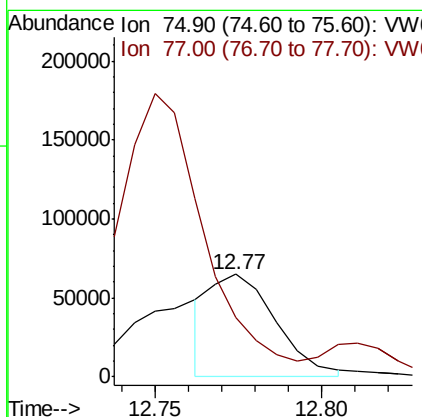
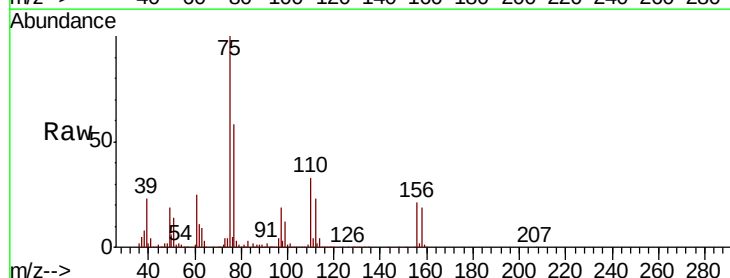
RT: 12.77 min Scan# 1835

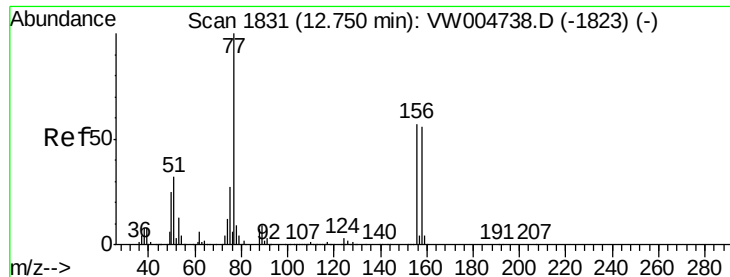
Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 88387 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 21.40 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

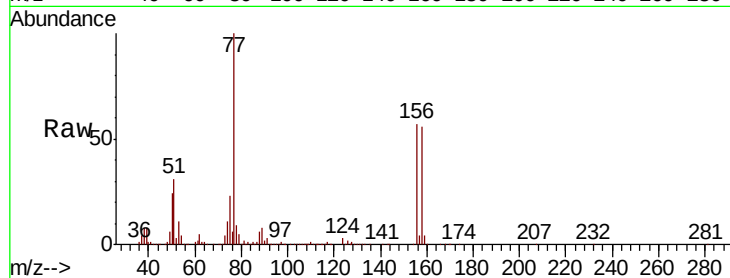
ClientSampleId :

VW0819SBSD02

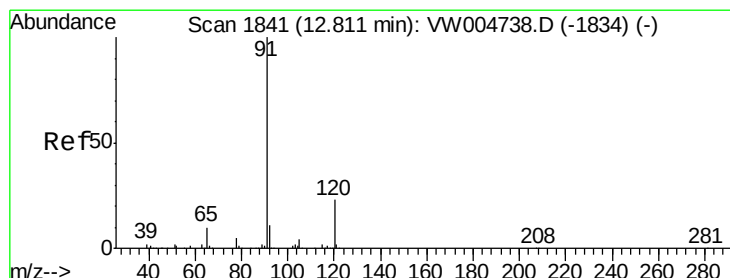
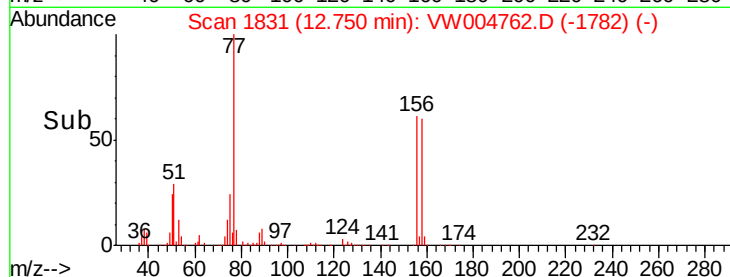
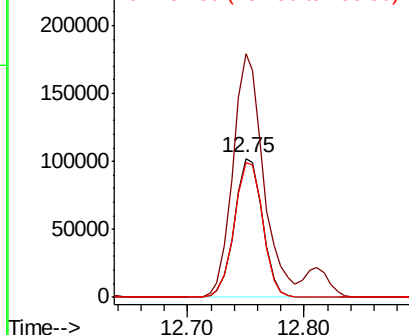
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 171655 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 190.4 | 94.2  | 282.4  |
| 158       | 98.5  | 48.6  | 145.9  |

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Abundance Ion 155.80 (155.50 to 156.50): V  
Ion 77.00 (76.70 to 77.70): VW  
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.40 ug/l

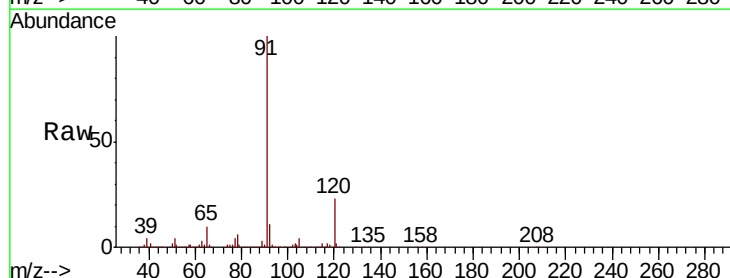
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

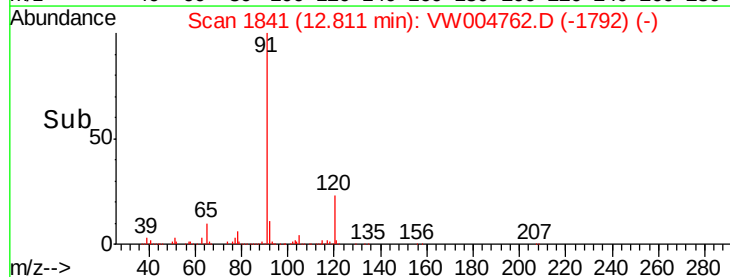
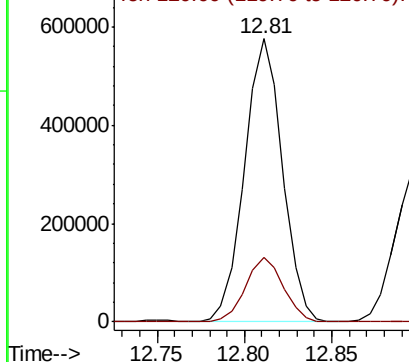
Lab File: VW004762.D

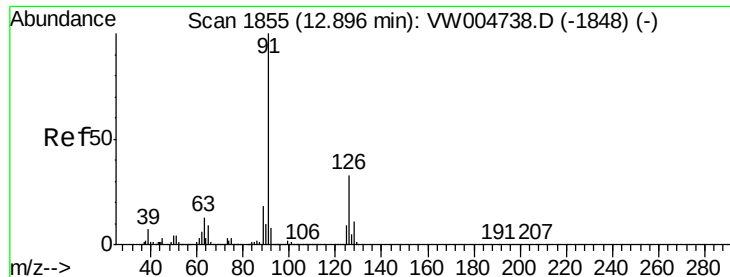
Acq: 18 Aug 2018 06:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 865666 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 22.7  | 11.4  | 34.2   |



Abundance Ion 91.00 (90.70 to 91.70): VW  
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.30 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampled :

VW0819SBS02

Tot Ion: 91 Resp: 496645

Ion Ratio Lower Upper

91 100

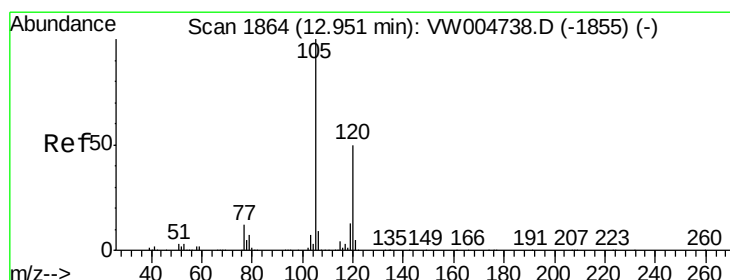
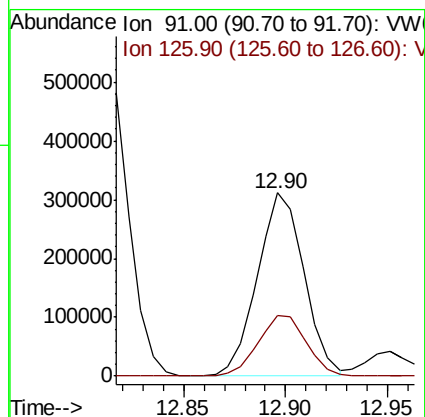
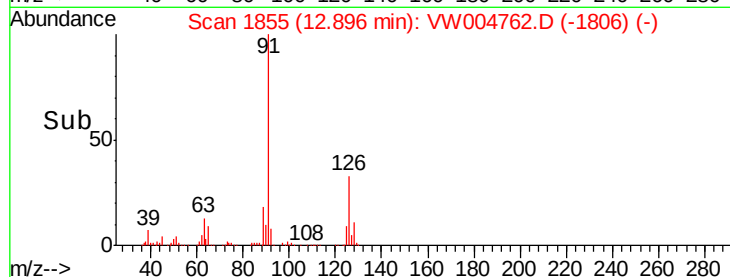
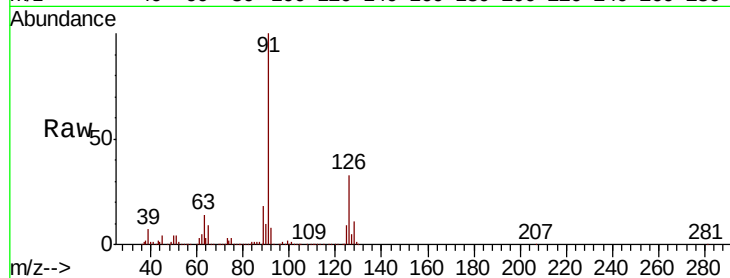
126 34.3 17.0 51.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 21.81 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004762.D

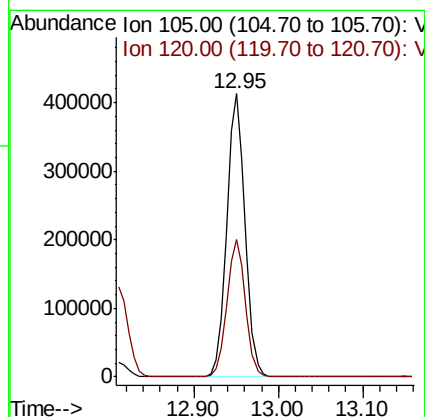
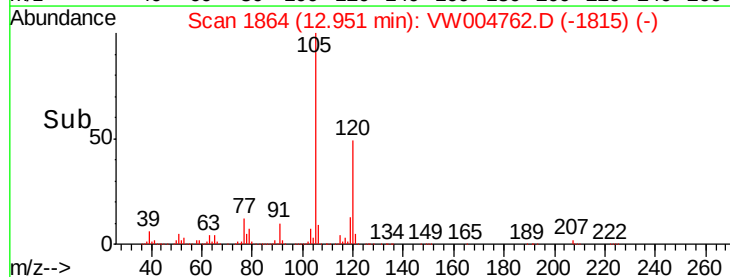
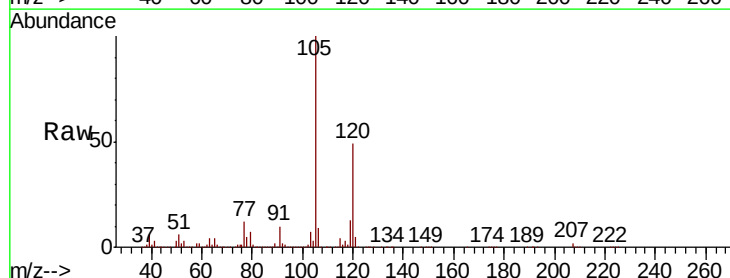
Acq: 18 Aug 2018 06:05

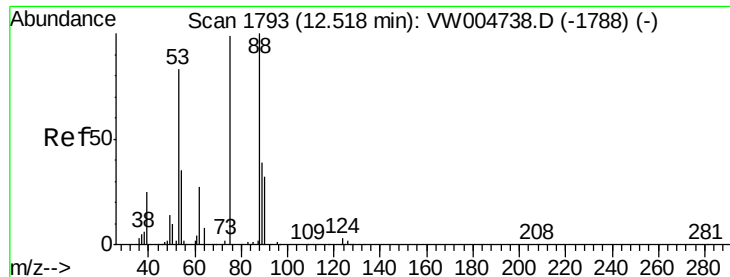
Tgt Ion:105 Resp: 614128

Ion Ratio Lower Upper

105 100

120 48.9 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 19.06 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

Tot Ion: 75 Resp: 35223

Ion Ratio Lower Upper

75 100

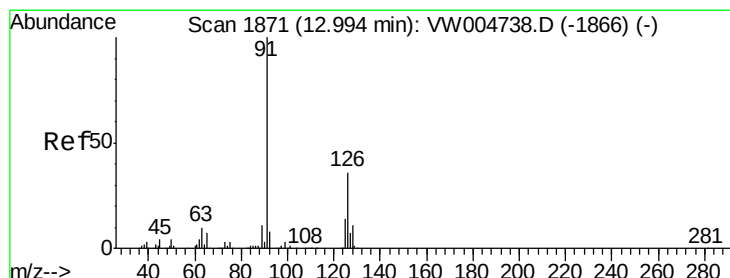
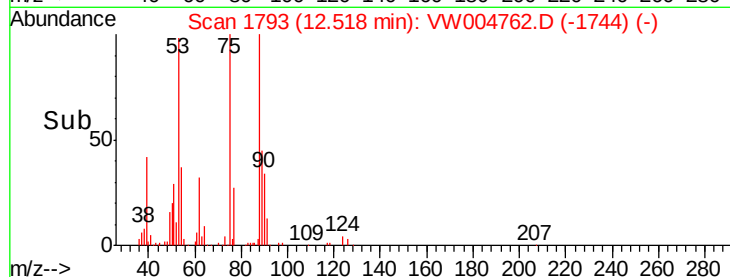
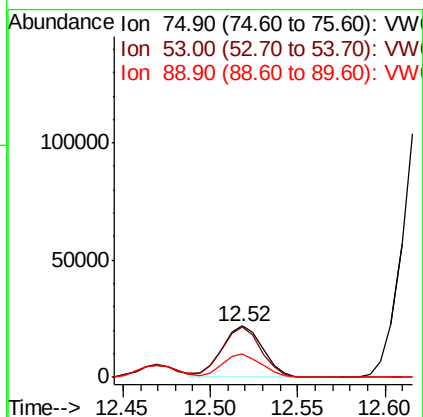
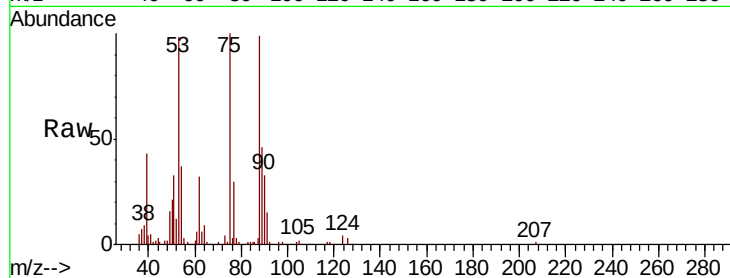
53 94.4 72.2 108.4

89 43.9 35.2 52.8

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#82

4-Chlorotoluene

Concen: 21.52 ug/l

RT: 12.99 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VW004762.D

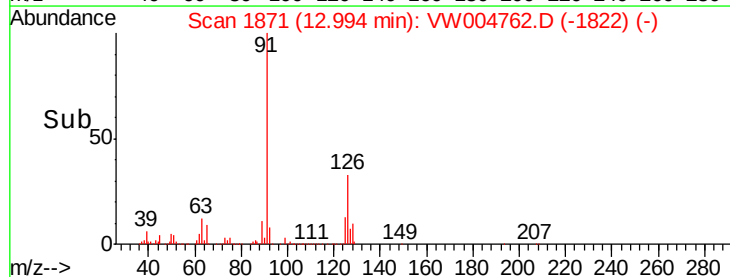
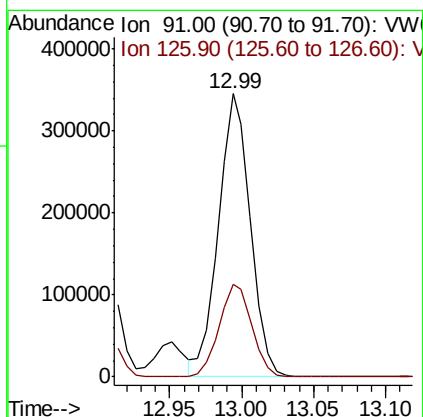
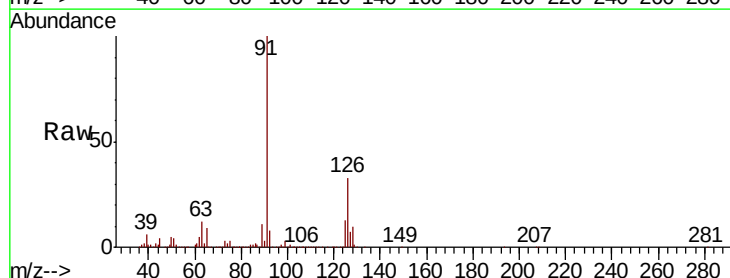
Acq: 18 Aug 2018 06:05

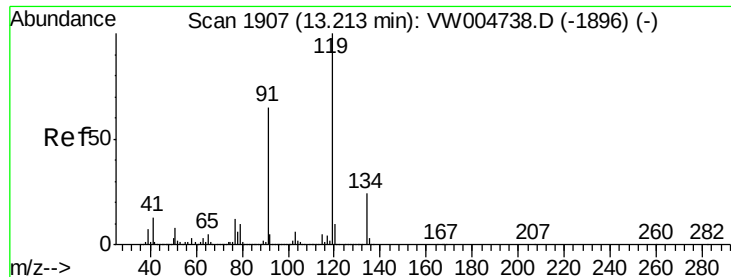
Tgt Ion: 91 Resp: 532986

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.7





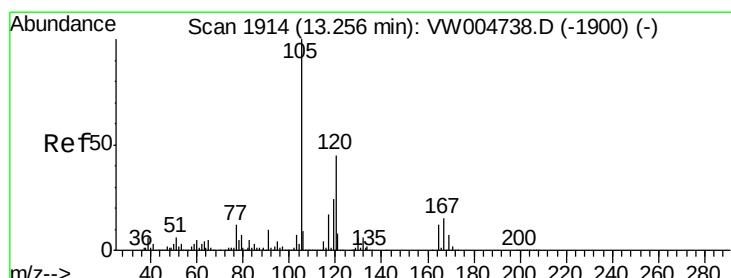
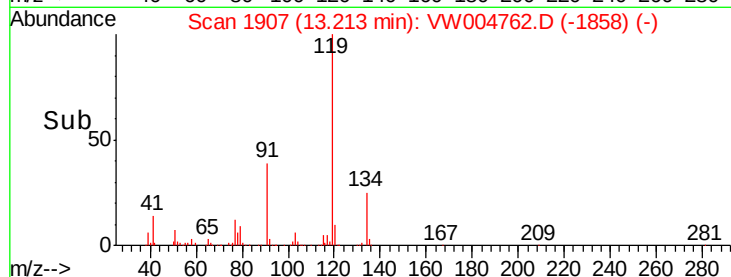
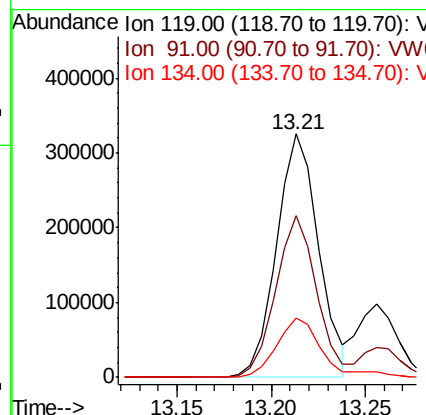
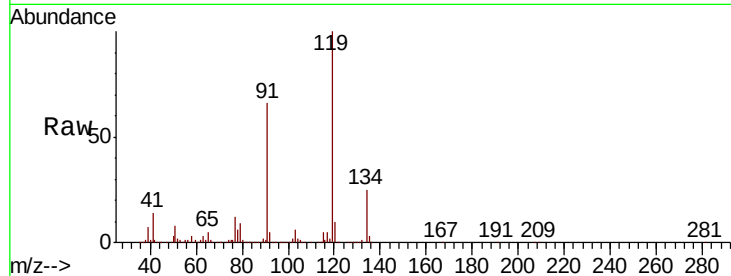
#83  
 tert-Butylbenzene  
 Concen: 20.88 ug/l  
 RT: 13.21 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 502895 |       |       |
| 91      | 64.1  | 32.6   | 97.8  |       |
| 134     | 26.1  | 13.1   | 39.3  |       |

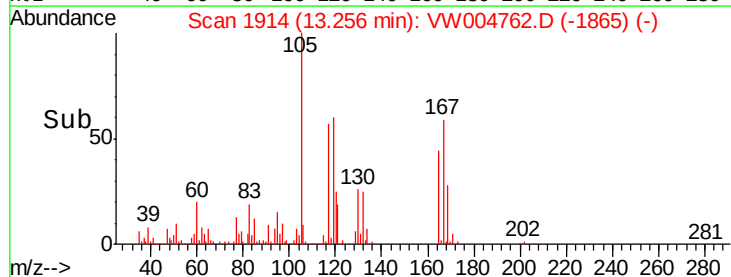
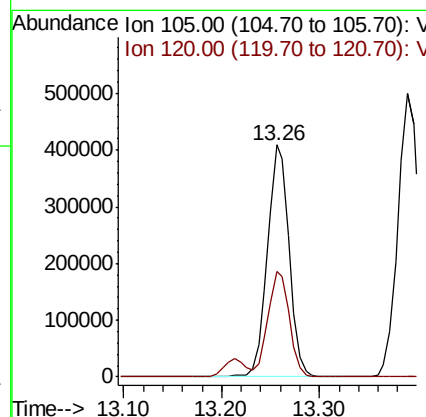
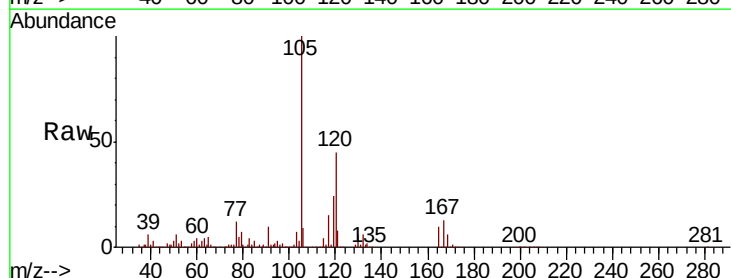
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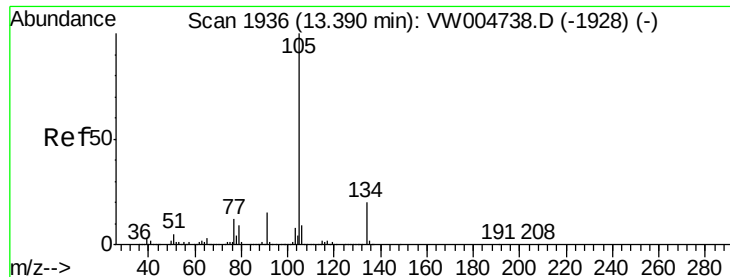
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.88 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 633768 |       |       |
| 120     | 45.1  | 22.8   | 68.3  |       |





#85

sec-Butylbenzene

Concen: 21.08 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

ClientSampleId :

VW0819SBSD02

Tot Ion:105 Resp: 757800

Ion Ratio Lower Upper

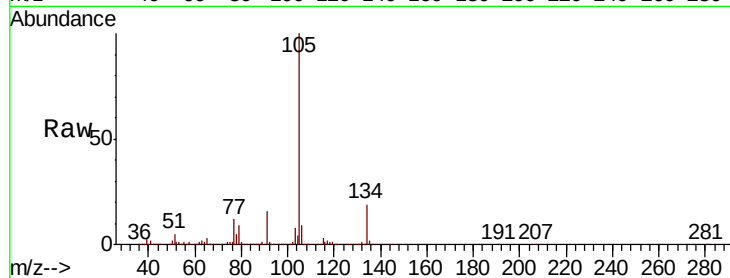
105 100

134 19.6 10.0 29.8

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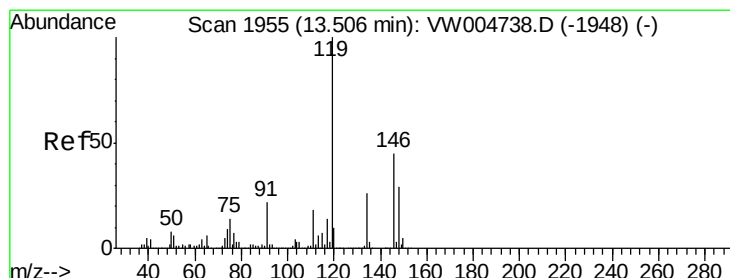
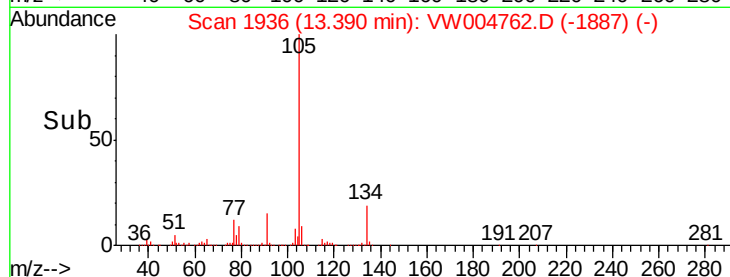
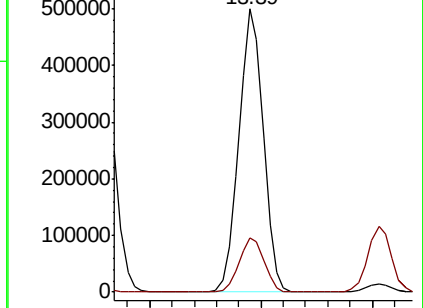
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.00 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

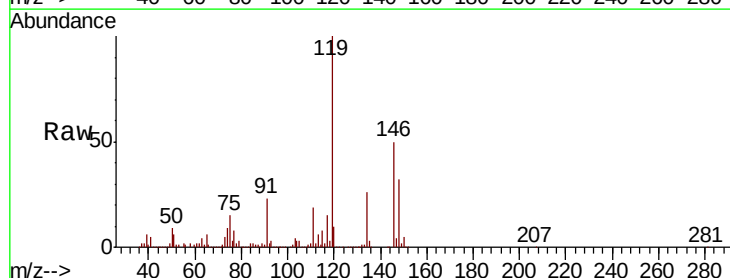
Tgt Ion:119 Resp: 657051

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

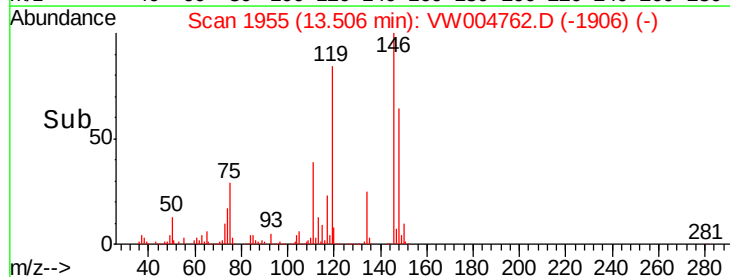
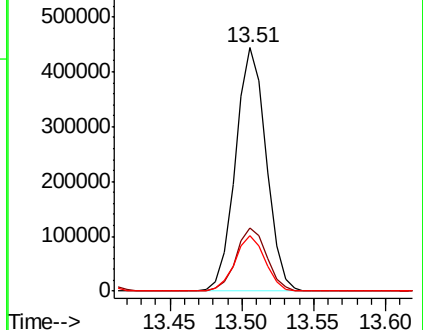
91 22.3 11.2 33.5



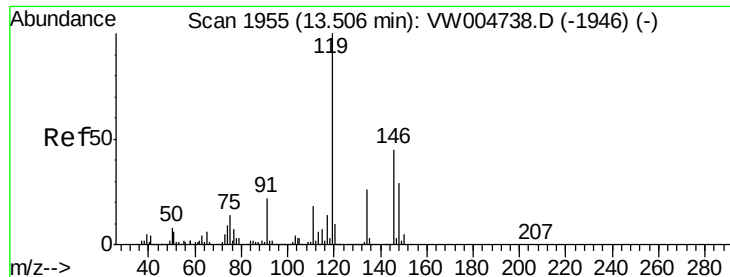
Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V







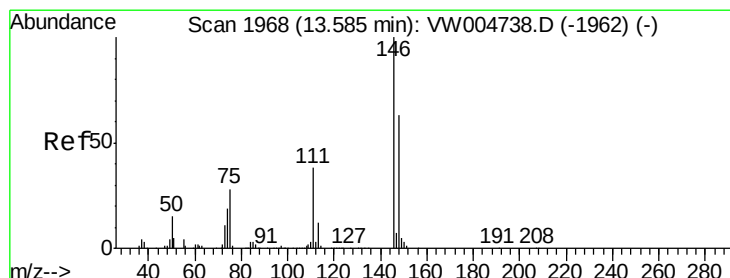
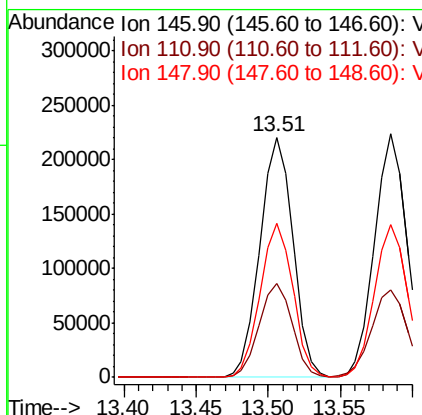
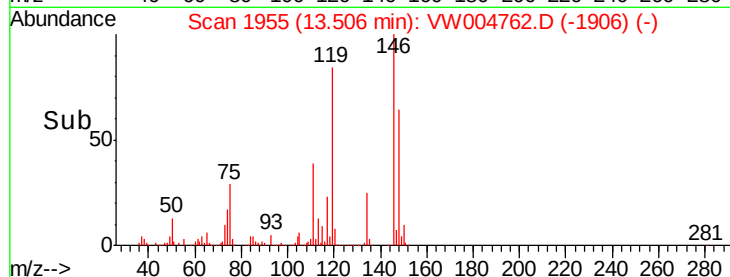
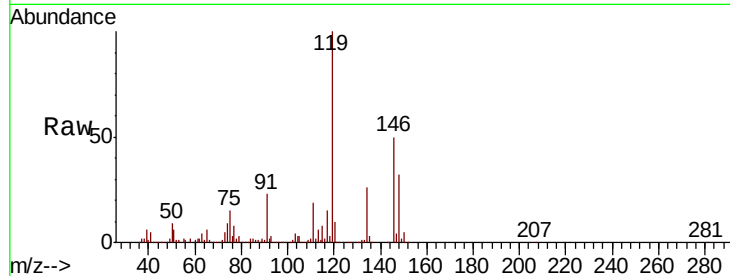
#87  
 1,3-Dichlorobenzene  
 Concen: 21.51 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 39.1  | 19.8 | 59.4  |       |
| 148     | 63.4  | 31.9 | 95.9  |       |

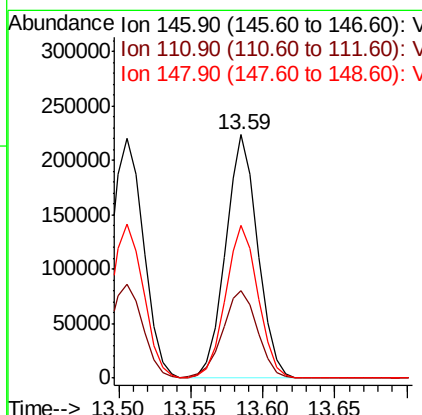
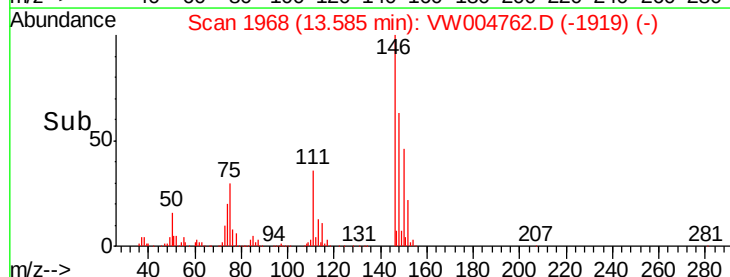
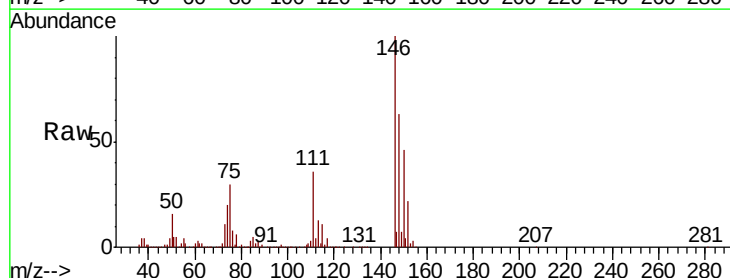
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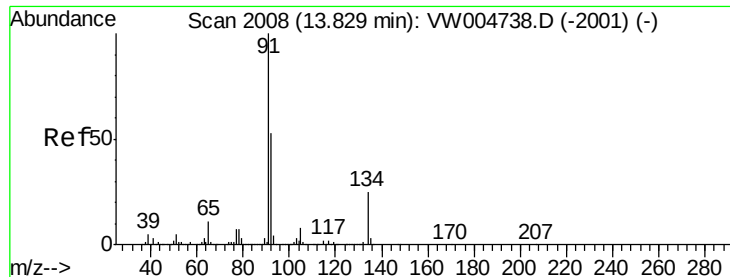
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 8/20/2018 9:56:49 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 21.37 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 39.0  | 19.3 | 57.8  |       |
| 148     | 63.6  | 31.8 | 95.3  |       |





#89

n-Butylbenzene

Concen: 20.11 ug/l

RT: 13.84 min Scan# 2009

Delta R.T. 0.01 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

Instrument :

MSVOA\_W

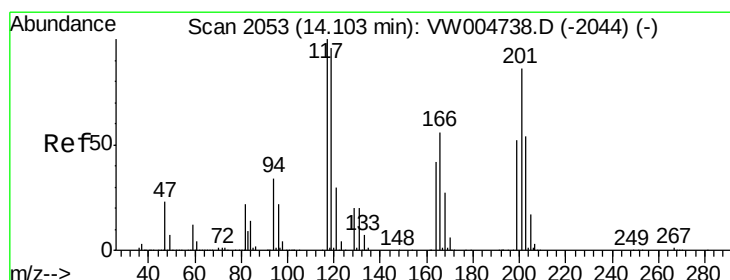
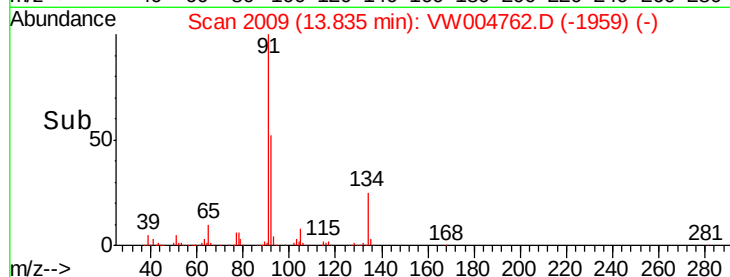
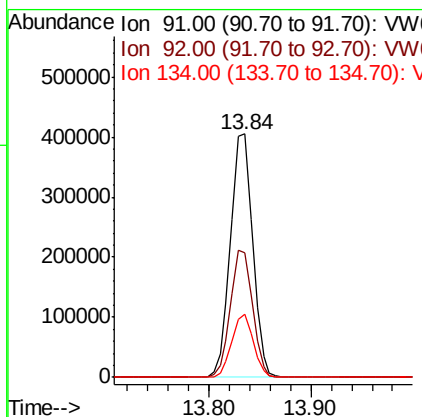
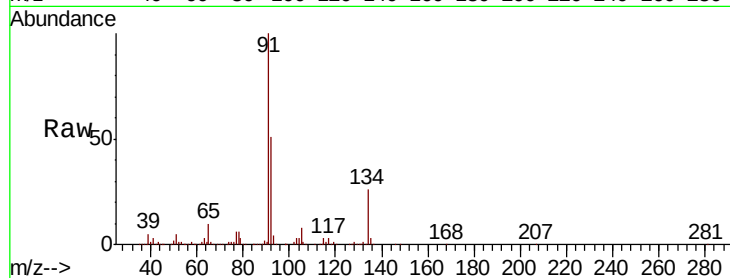
ClientSampleID :

VW0819SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 608297 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.0  | 26.4  | 79.2   |
| 134       | 25.2  | 12.8  | 38.3   |

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#90

Hexachloroethane

Concen: 20.45 ug/l

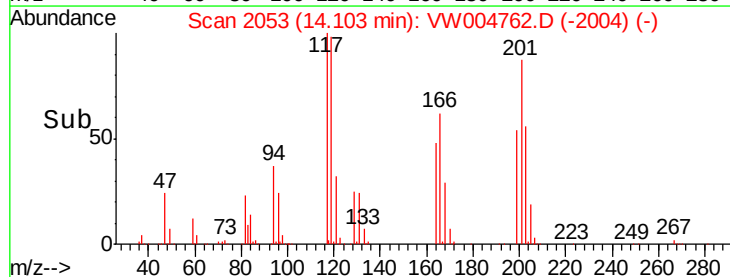
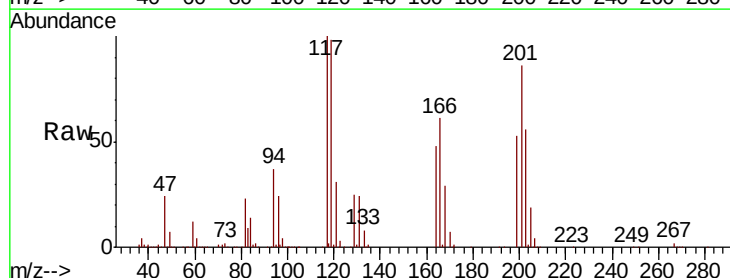
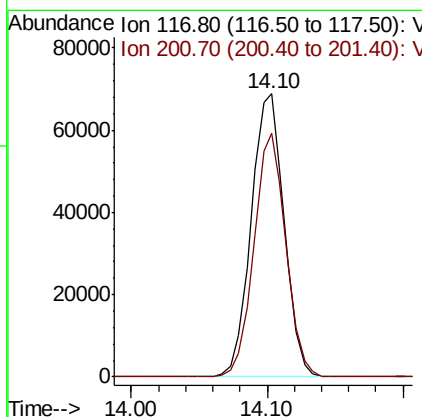
RT: 14.10 min Scan# 2053

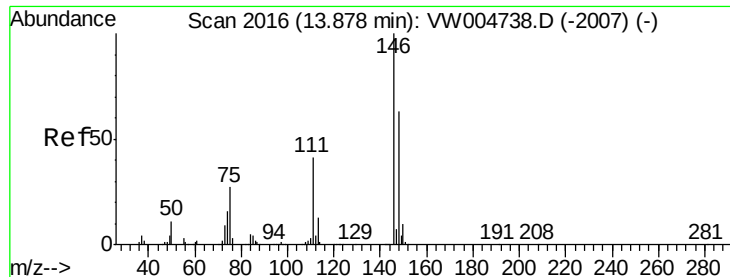
Delta R.T. 0.00 min

Lab File: VW004762.D

Acq: 18 Aug 2018 06:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 116634 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 201       | 83.0  | 42.4  | 127.2  |





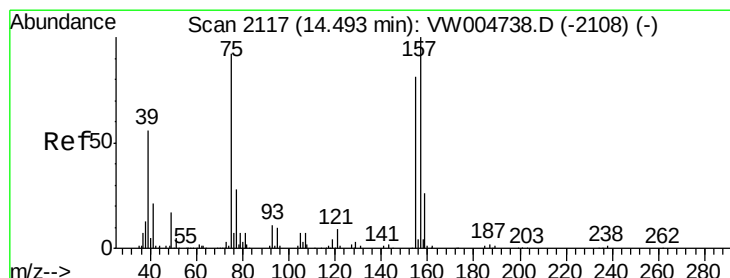
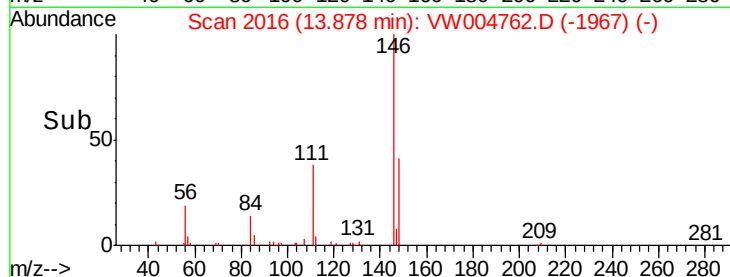
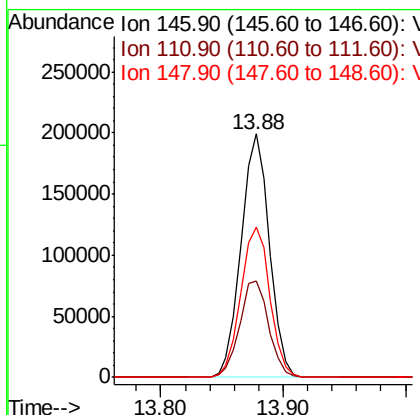
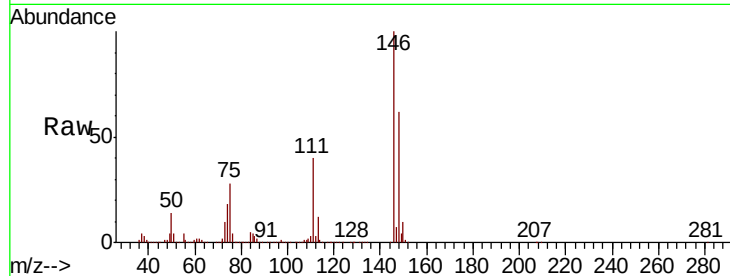
#91  
 1,2-Dichlorobenzene  
 Concen: 21.77 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBSD02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 319133 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 40.6  | 20.4  | 61.3   |
| 148       | 63.6  | 31.6  | 95.0   |

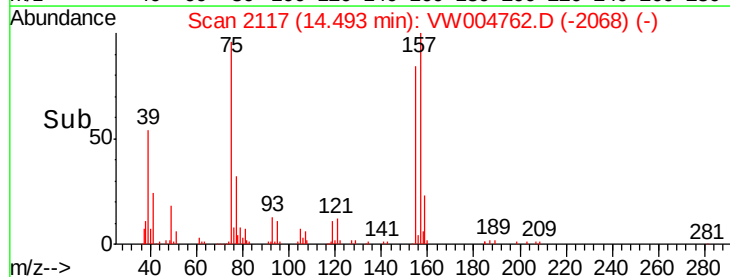
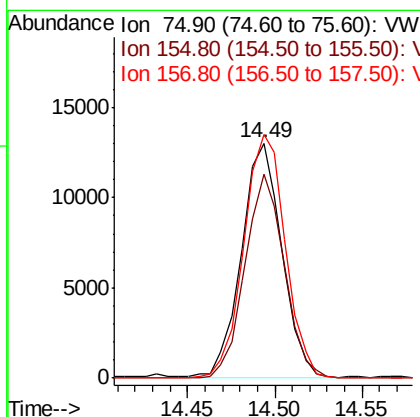
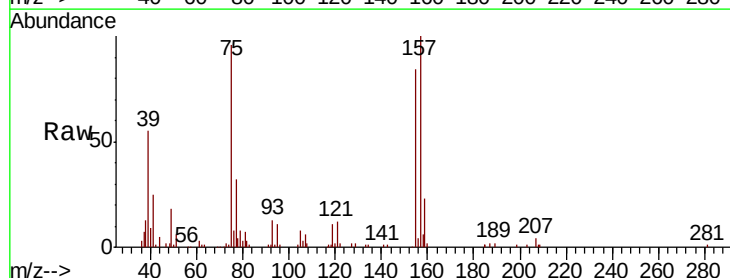
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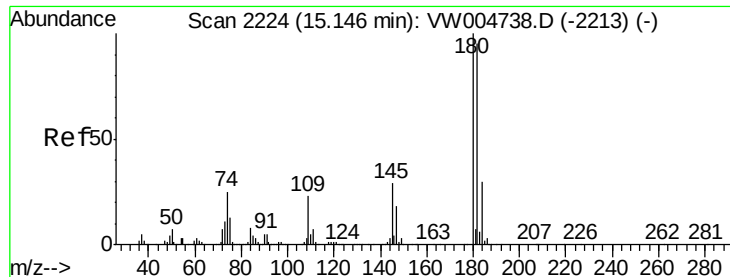
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.96 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. 0.00 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 21071 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 84.2  | 43.3  | 129.9 |
| 157       | 106.4 | 54.5  | 163.6 |





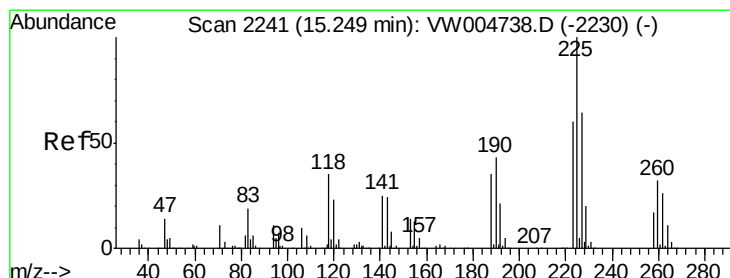
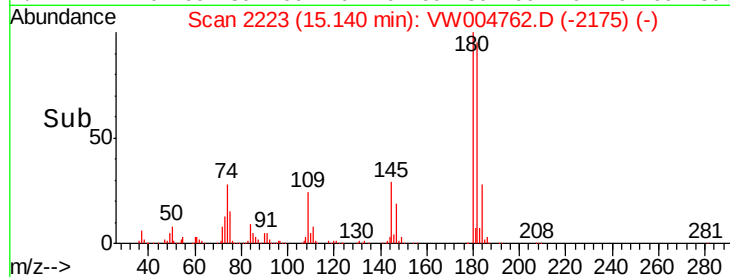
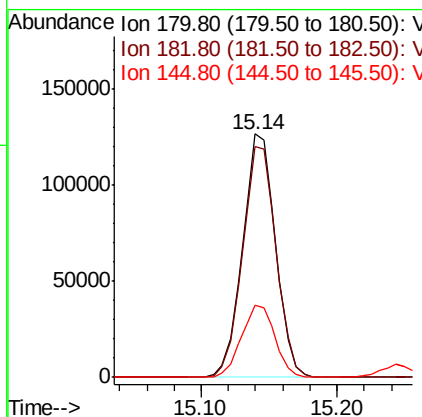
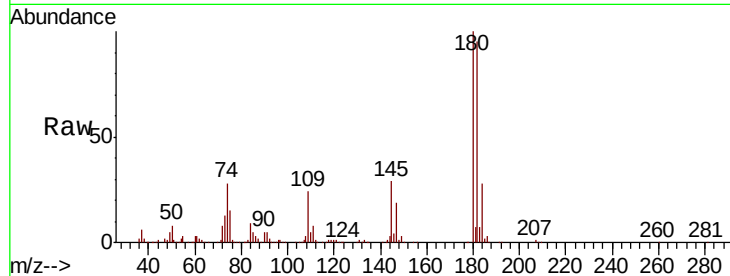
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.63 ug/l  
 RT: 15.14 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0819SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 213819 |       |       |
| 182     | 96.5  | 47.3   | 141.8 |       |
| 145     | 30.0  | 14.6   | 43.8  |       |

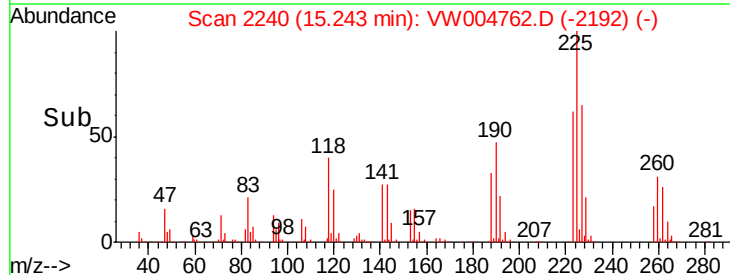
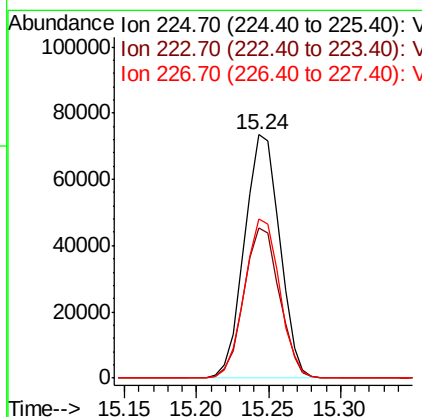
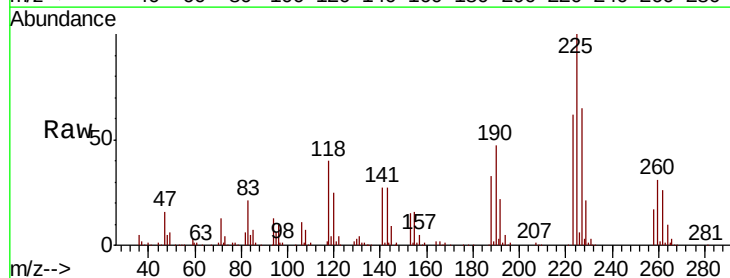
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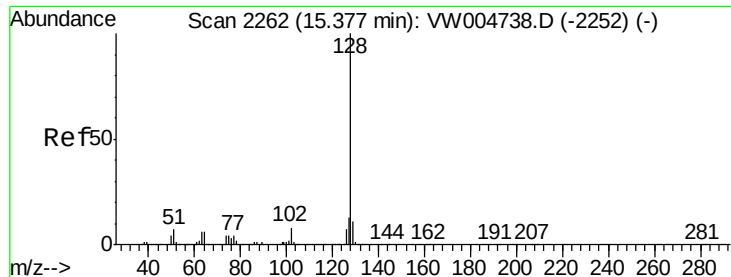
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#94  
 Hexachlorobutadiene  
 Concen: 19.61 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW004762.D  
 Acq: 18 Aug 2018 06:05

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 124791 |       |       |
| 223     | 62.2  | 30.9   | 92.5  |       |
| 227     | 65.0  | 32.0   | 96.0  |       |





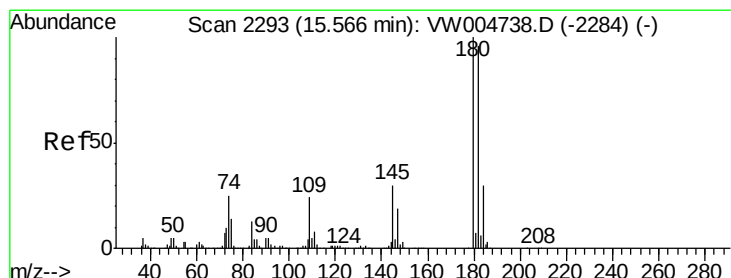
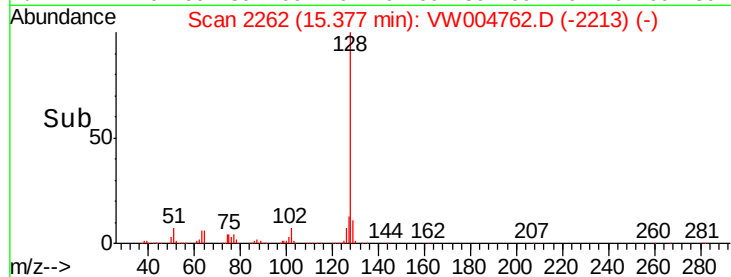
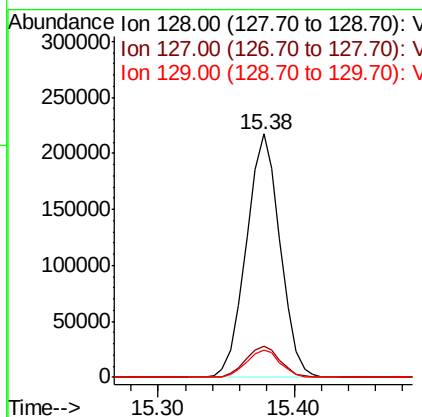
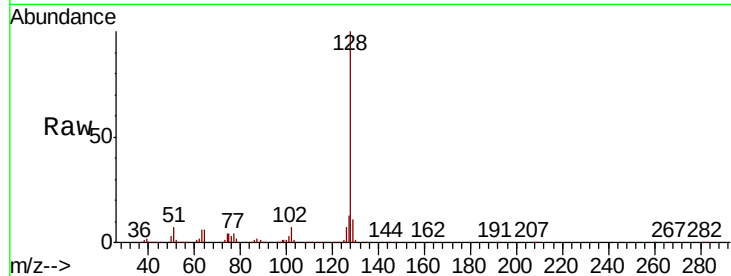
#95  
Naphthalene  
Concen: 21.03 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0819SBS02

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 378432 |       |       |
| 127     | 13.3 |       | 10.4   | 15.6  |       |
| 129     | 11.2 |       | 8.6    | 13.0  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.22 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VW004762.D  
Acq: 18 Aug 2018 06:05

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 180     | 100  |       | 195109 |       |       |
| 182     | 95.3 |       | 47.3   | 142.0 |       |
| 145     | 31.1 |       | 15.4   | 46.1  |       |

