

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\  
 Data File : VW005103.D  
 Acq On : 05 Sep 2018 03:01  
 Operator : SY/AP  
 Sample : VW0904SBS02  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

Manual Integrations  
 APPROVED

apatel  
 9/5/2018 10:02:56 AM

Quant Time: Sep 05 05:25:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 01 03:35:05 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 465064   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 669271   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 664512   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 364095   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 190051   | 49.30 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.60%  |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 191494   | 49.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.02%  |      |
| 50) Toluene-d8            | 10.33  | 98  | 881858   | 49.48 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.96%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 317413   | 50.51 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.02% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 82858  | 22.11  | ug/l | 96     |
| 3) Chloromethane              | 2.21 | 50  | 110581 | 20.33  | ug/l | 98     |
| 4) Vinyl Chloride             | 2.36 | 62  | 110593 | 20.91  | ug/l | 98     |
| 5) Bromomethane               | 2.76 | 94  | 81746  | 22.72  | ug/l | 100    |
| 6) Chloroethane               | 2.92 | 64  | 68200  | 20.72  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 126243 | 21.22  | ug/l | 95     |
| 8) Diethyl Ether              | 3.69 | 74  | 44512  | 20.68  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 86492  | 21.17  | ug/l | 100    |
| 10) Methyl Iodide             | 4.28 | 142 | 89012  | 17.28  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.17 | 59  | 31019  | 139.14 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 79108  | 21.04  | ug/l | 98     |
| 13) Acrolein                  | 3.90 | 56  | 24653  | 98.52  | ug/l | 97     |
| 14) Allyl chloride            | 4.68 | 41  | 114927 | 19.55  | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 98527  | 108.52 | ug/l | 99     |
| 16) Acetone                   | 4.13 | 43  | 84048  | 108.71 | ug/l | 95     |
| 17) Carbon Disulfide          | 4.38 | 76  | 277585 | 21.18  | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 49864  | 21.92  | ug/l | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 200146 | 21.92  | ug/l | 98     |
| 20) Methylene Chloride        | 4.92 | 84  | 158369 | 28.66  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 96242  | 21.01  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.32 | 45  | 255852 | 20.68  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 685984 | 105.58 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 159487 | 20.63  | ug/l | 100    |
| 25) 2-Butanone                | 7.18 | 43  | 145785 | 108.71 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 118697 | 18.68  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 103198 | 20.59  | ug/l | 98     |
| 28) Bromochloromethane        | 7.52 | 49  | 62632  | 20.13  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 74394  | 108.57 | ug/l | 100    |
| 30) Chloroform                | 7.68 | 83  | 163937 | 20.77  | ug/l | 98     |
| 31) Cyclohexane               | 7.96 | 56  | 154488 | 20.40  | ug/l | 95     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 144880 | 21.08  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 136567 | 21.43  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 53786  | 22.56  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 129545 | 21.37  | ug/l | 99     |

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 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

Manual Integrations  
 APPROVED

apatel  
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Quant Time: Sep 05 05:25:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 01 03:35:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 155986   | 20.24  | ug/l   | 99       |
| 40) Benzene                    | 8.33  | 78   | 410418   | 21.03  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.49  | 41   | 29681    | 21.49  | ug/l   | 92       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 101801   | 21.32  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 93447    | 21.54  | ug/l   | 98       |
| 44) Trichloroethene            | 9.10  | 130  | 113838   | 21.62  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 102753   | 21.56  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 49438    | 21.69  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.65  | 83   | 124516   | 21.69  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 44674    | 21.39  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 16164    | 438.50 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 321026   | 110.43 | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 277710   | 21.00  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 120090   | 21.29  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 145591   | 21.23  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 78426    | 22.22  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 83927    | 20.84  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 127707   | 21.98  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 198596   | 104.09 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 212993   | 108.32 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 88168    | 22.10  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 69670    | 21.87  | ug/l   | 98       |
| 64) Tetrachloroethene          | 10.87 | 164  | 115749   | 22.20  | ug/l   | 95       |
| 65) Chlorobenzene              | 11.66 | 112  | 308280   | 20.61  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 97579    | 21.35  | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.74 | 91   | 508263   | 20.10  | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 425121   | 41.98  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 193322   | 20.65  | ug/l   | 98       |
| 70) Styrene                    | 12.19 | 104  | 326293   | 21.10  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 54825    | 22.63  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 514957   | 20.06  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 90222    | 20.41  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 84363    | 21.59  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 54810m   | 20.06  | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 130559   | 20.64  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 629685   | 20.32  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 366805   | 20.29  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 456302   | 20.55  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 22978    | 20.24  | ug/l   | 99       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 395441   | 20.71  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 370942   | 20.01  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 463324   | 20.49  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 555435   | 20.39  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 490310   | 20.33  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 269765   | 20.76  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 266317   | 20.66  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 444088   | 19.87  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 80681    | 20.14  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 240202   | 21.21  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 12900    | 21.12  | ug/l   | 95       |

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Sample : VW0904SBS02  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

Manual Integrations  
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apatel  
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Quant Time: Sep 05 05:25:28 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W090118S.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 01 03:35:05 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 158190   | 20.83 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 98553    | 20.87 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 246694   | 21.28 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 138461   | 21.31 | ug/l  | 100      |

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

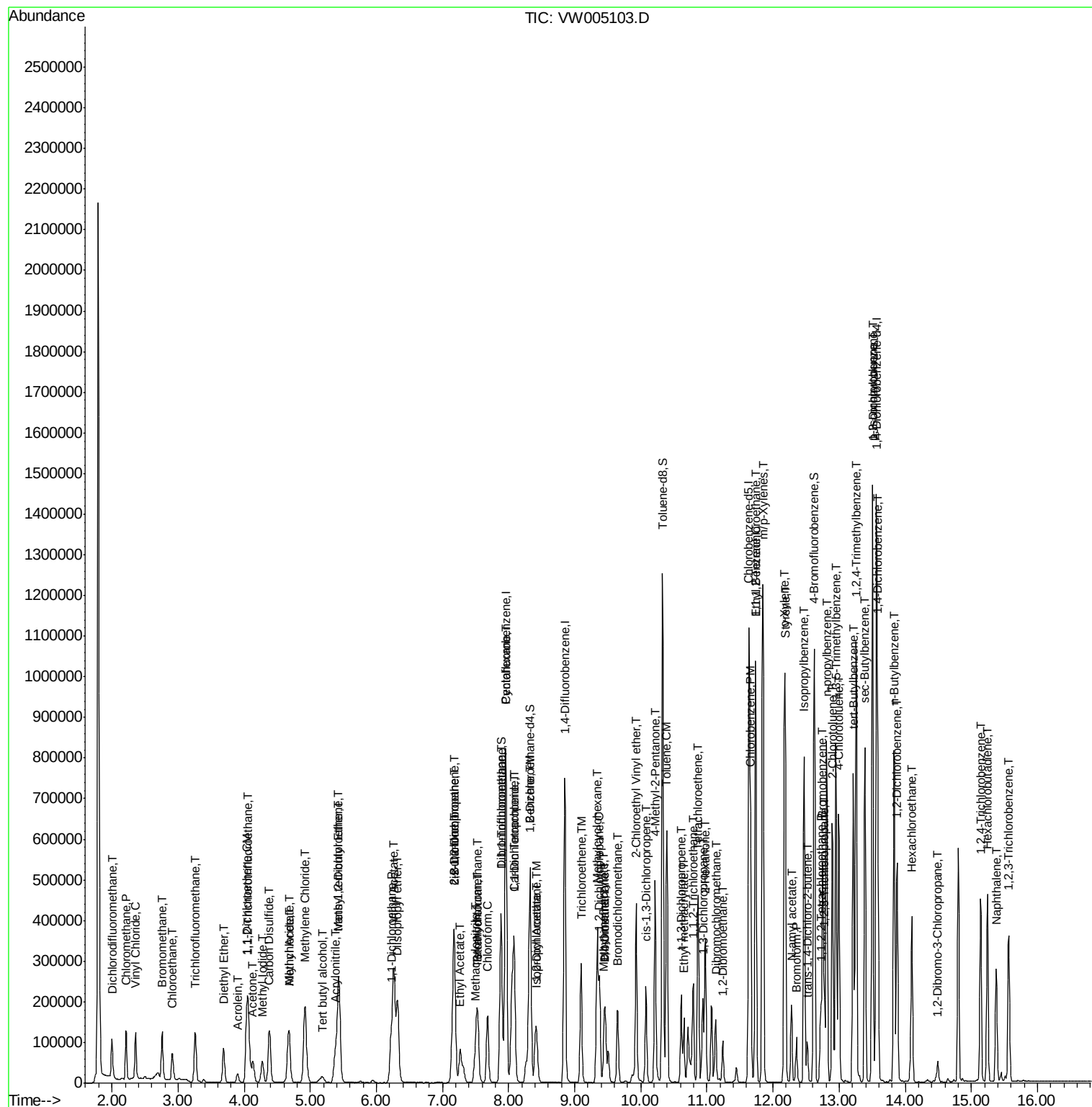
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090418\  
 Data File : VW005103.D  
 Acq On : 05 Sep 2018 03:01  
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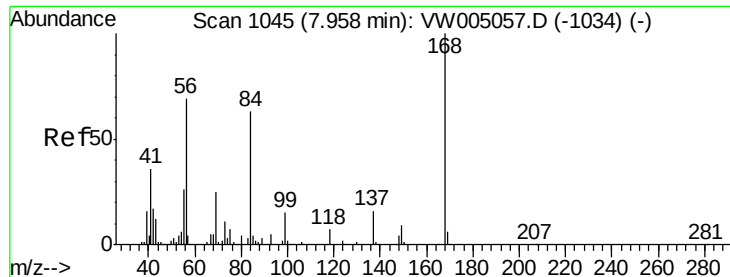
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampled :

VW0904SBS02

Tot Ion:168 Resp: 465064

Ion Ratio Lower Upper

168 100

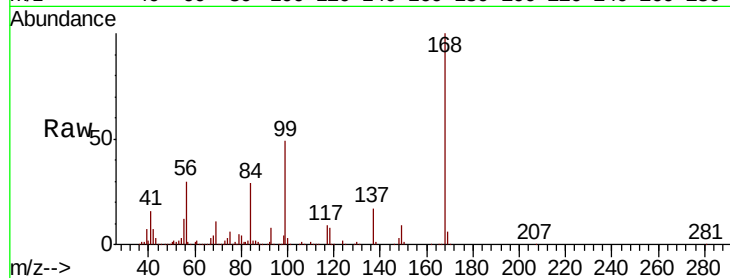
99 49.0 39.4 59.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

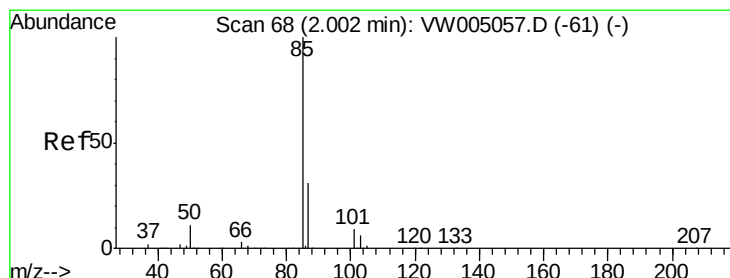
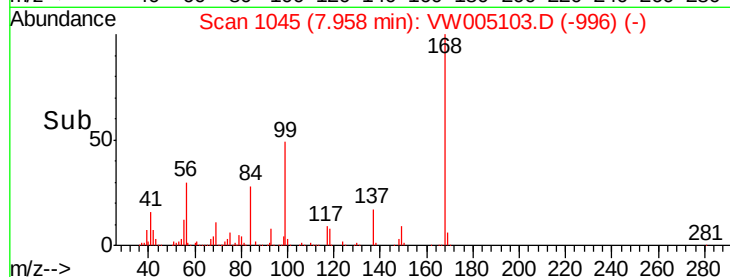
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 22.11 ug/l

RT: 2.00 min Scan# 68

Delta R.T. -0.00 min

Lab File: VW005103.D

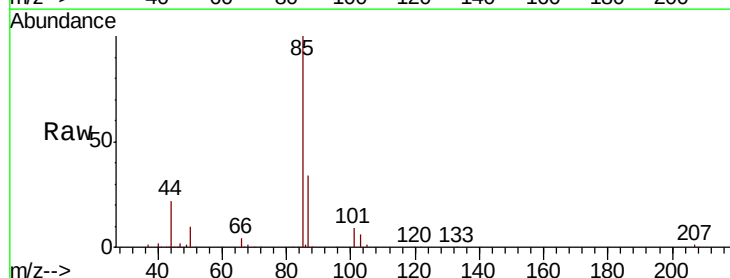
Acq: 05 Sep 2018 03:01

Tgt Ion: 85 Resp: 82858

Ion Ratio Lower Upper

85 100

87 33.7 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

60000

50000

40000

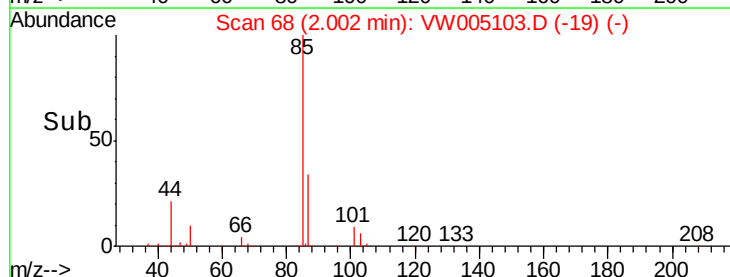
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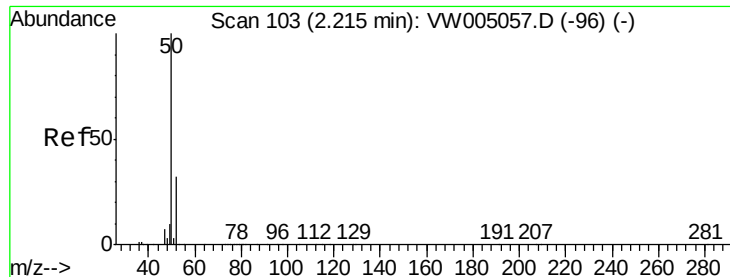
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10000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 20.33 ug/l

RT: 2.21 min Scan# 102

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampleId :

VW0904SBS02

Tot Ion: 50 Resp: 110581

Ion Ratio Lower Upper

50 100

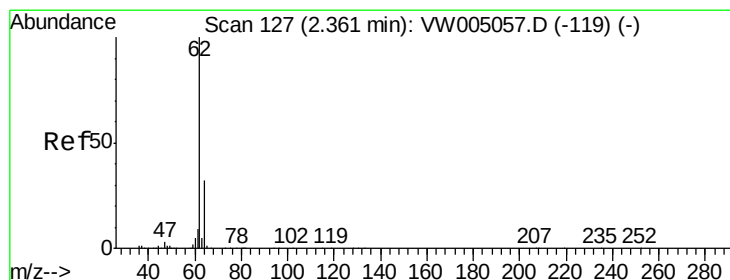
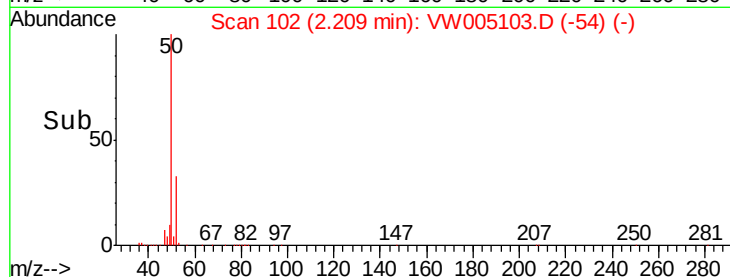
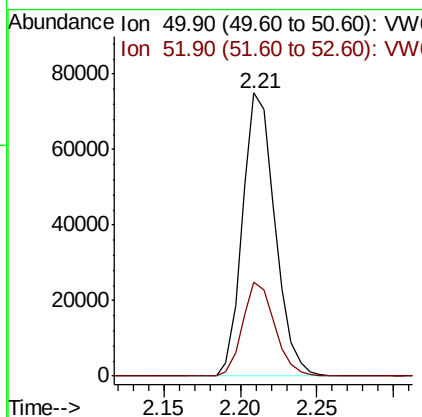
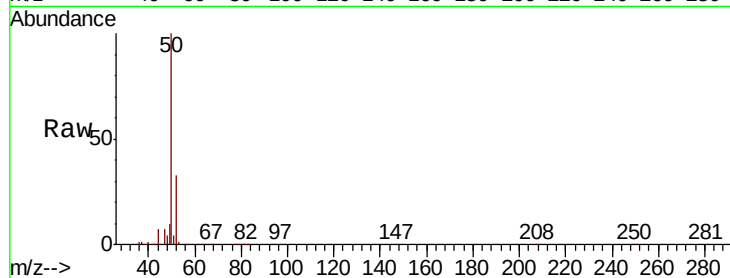
52 33.1 25.8 38.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.91 ug/l

RT: 2.36 min Scan# 126

Delta R.T. -0.01 min

Lab File: VW005103.D

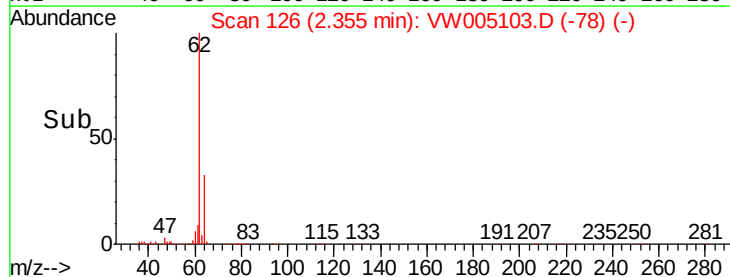
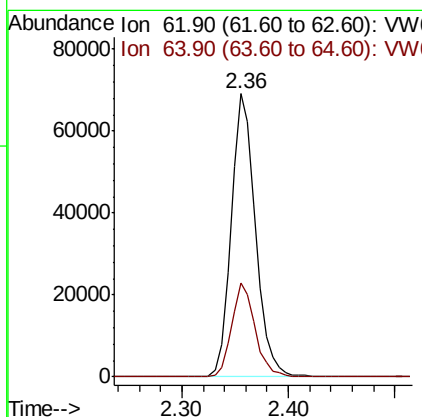
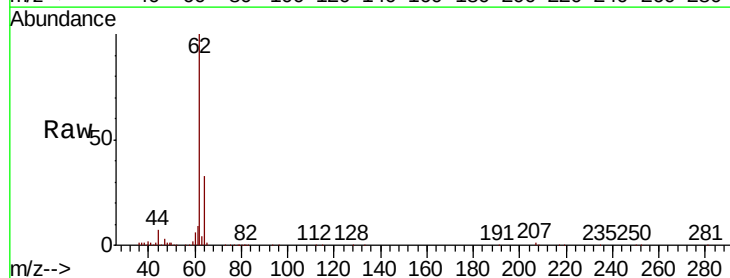
Acq: 05 Sep 2018 03:01

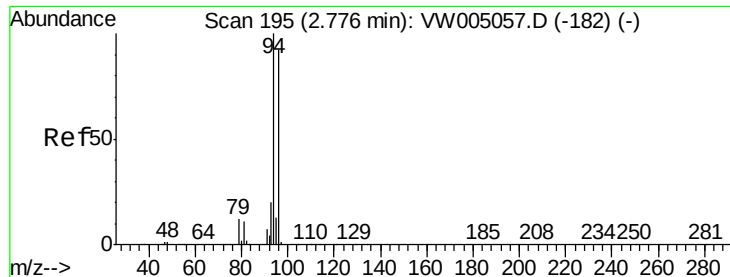
Tgt Ion: 62 Resp: 110593

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 22.72 ug/l

RT: 2.76 min Scan# 192

Delta R.T. -0.02 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampleId :

VW0904SBS02

Tot Ion: 94 Resp: 81746

Ion Ratio Lower Upper

94 100

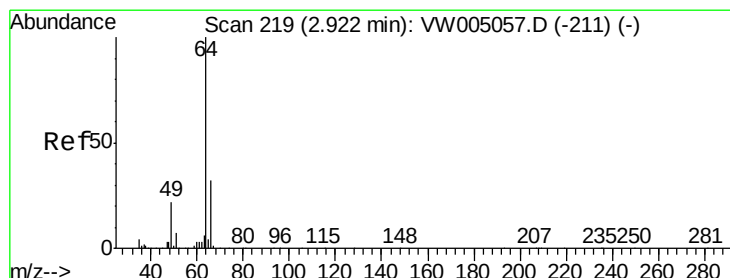
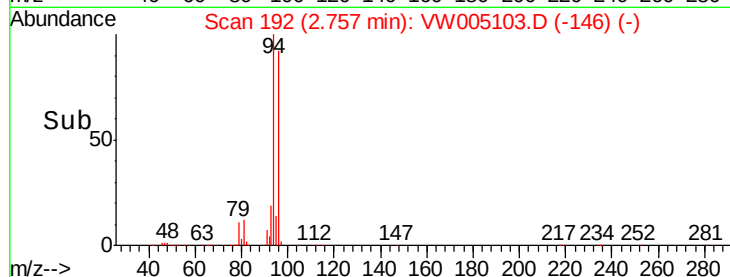
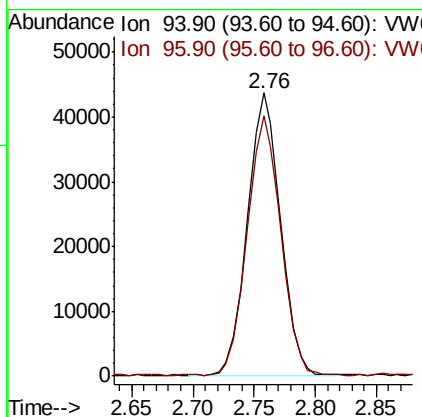
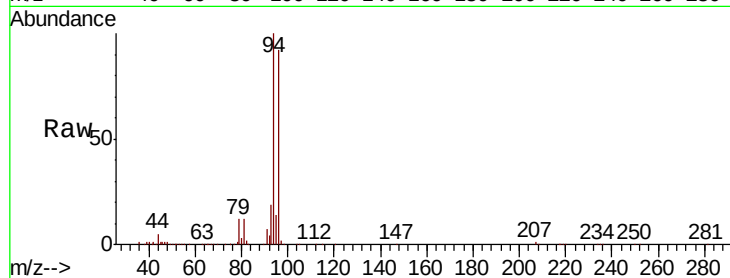
96 91.6 73.2 109.8

Manual Integrations

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9/5/2018 10:02:56 AM



#6

Chloroethane

Concen: 20.72 ug/l

RT: 2.92 min Scan# 218

Delta R.T. -0.01 min

Lab File: VW005103.D

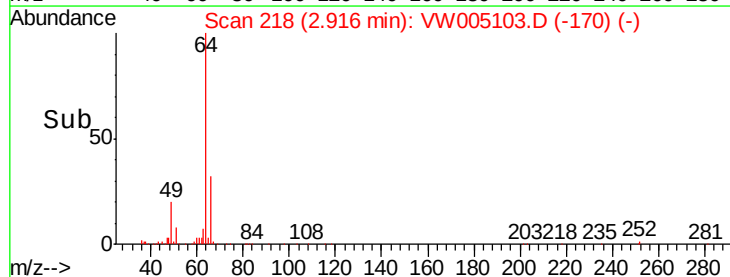
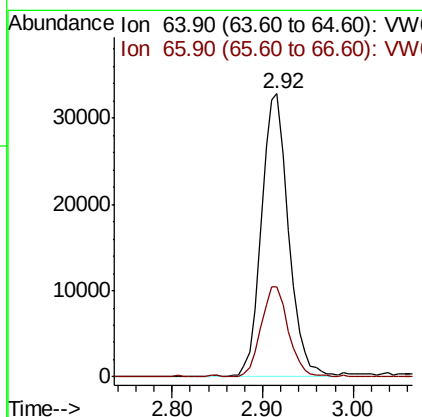
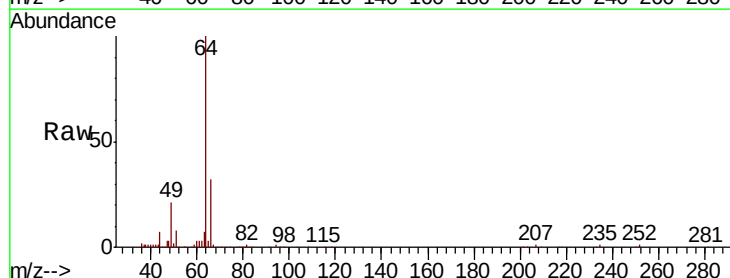
Acq: 05 Sep 2018 03:01

Tgt Ion: 64 Resp: 68200

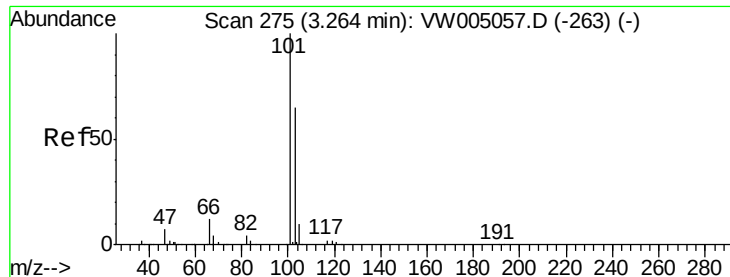
Ion Ratio Lower Upper

64 100

66 31.3 25.7 38.5







#7

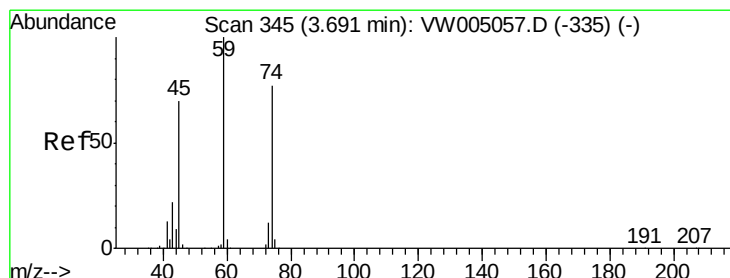
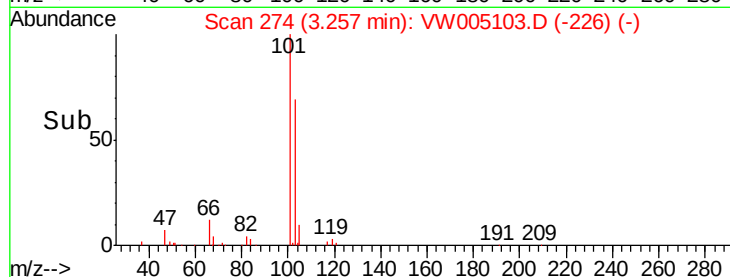
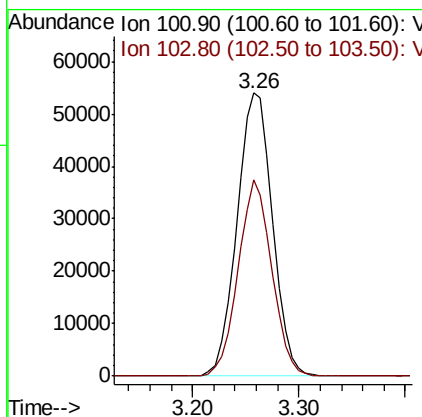
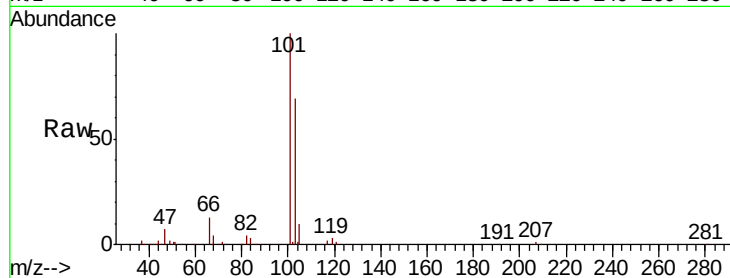
Trichlorofluoromethane  
 Concen: 21.22 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 69.2  | 51.9  | 77.9  |

Manual Integrations  
 APPROVED

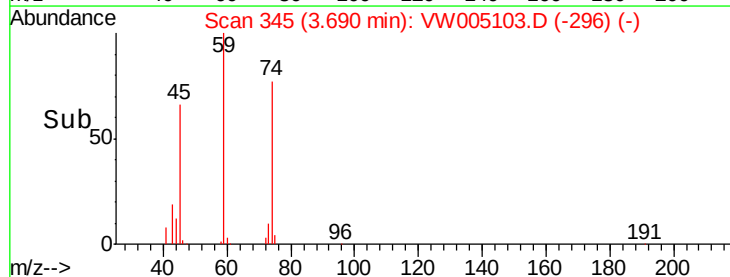
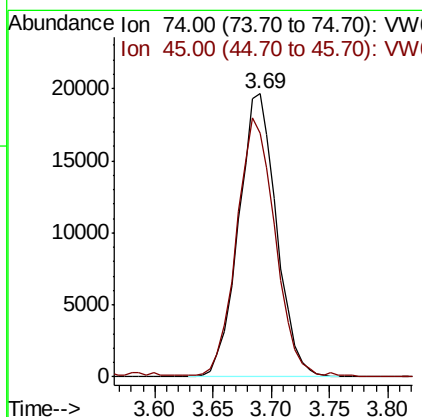
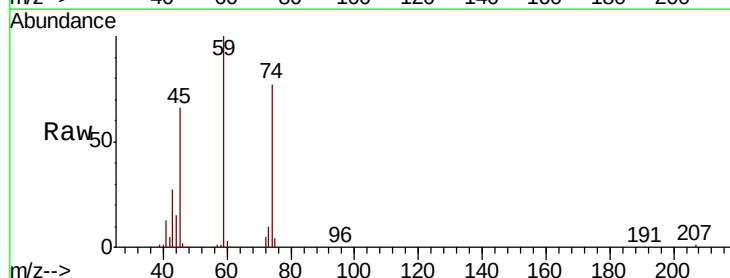
apatel  
 9/5/2018 10:02:56 AM



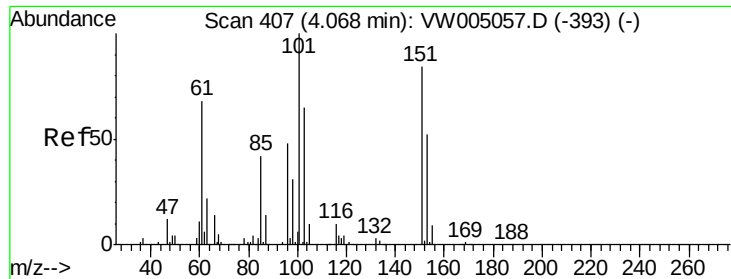
#8

Diethyl Ether  
 Concen: 20.68 ug/l  
 RT: 3.69 min Scan# 345  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 91.8  | 46.0  | 137.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.17 ug/l

RT: 4.06 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

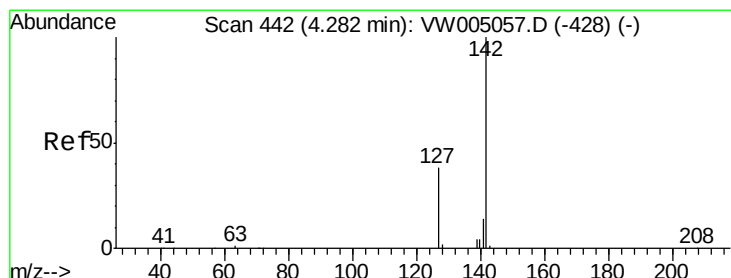
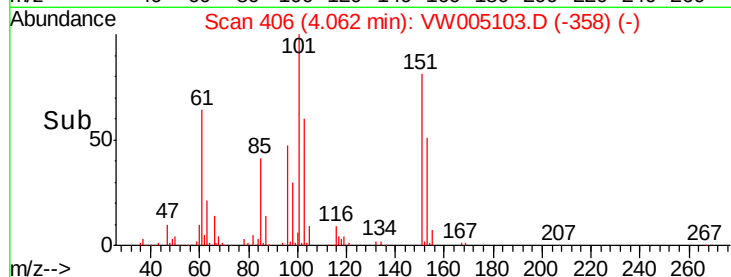
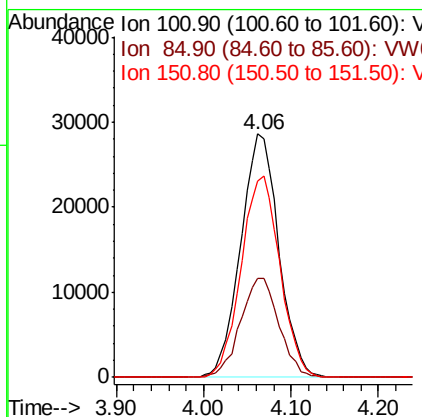
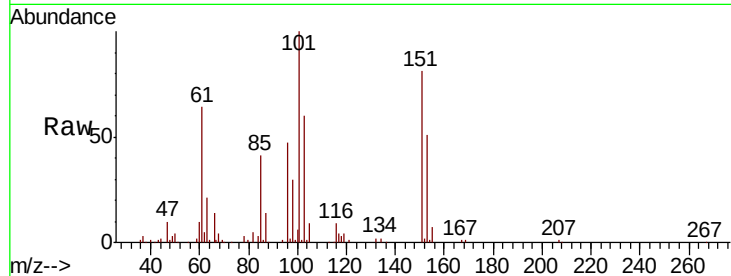
ClientSampleId :

VW0904SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 86492 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 41.2  | 33.0  | 49.6  |
| 151       | 84.0  | 67.0  | 100.6 |

Manual Integrations  
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apatel  
9/5/2018 10:02:56 AM



#10

Methyl Iodide

Concen: 17.28 ug/l

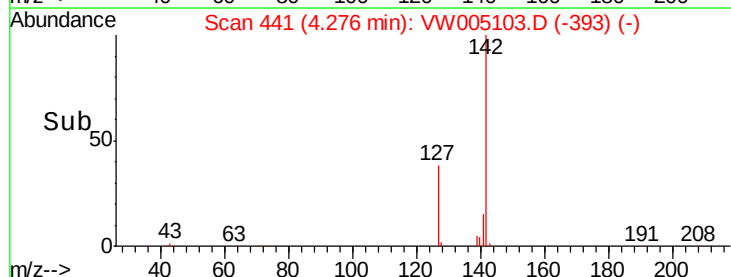
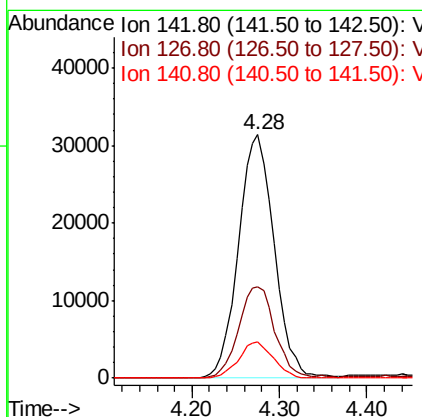
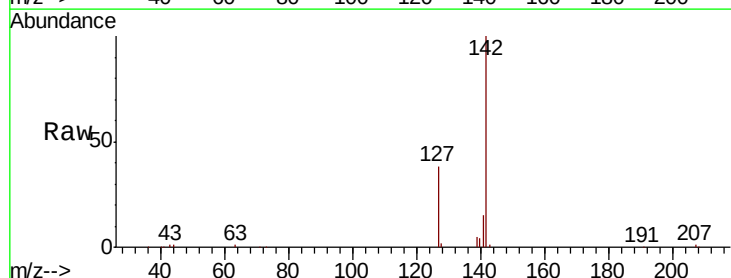
RT: 4.28 min Scan# 441

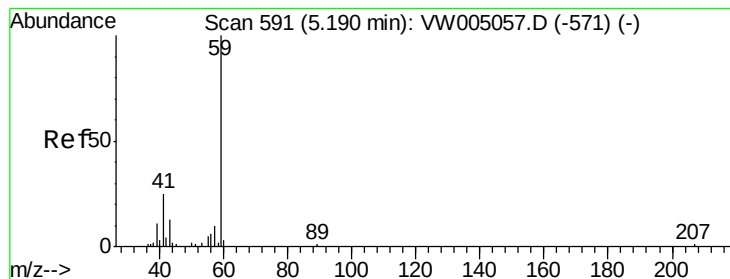
Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 89012 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 38.2  | 30.8  | 46.2  |
| 141       | 14.6  | 11.6  | 17.4  |





#11

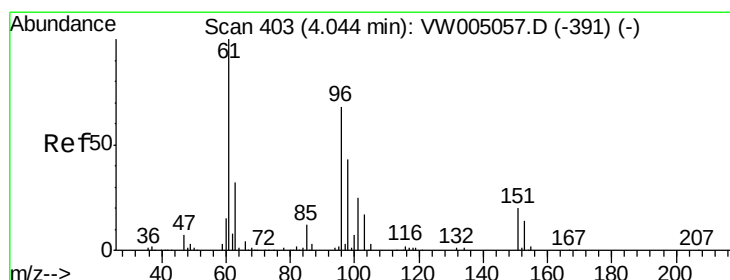
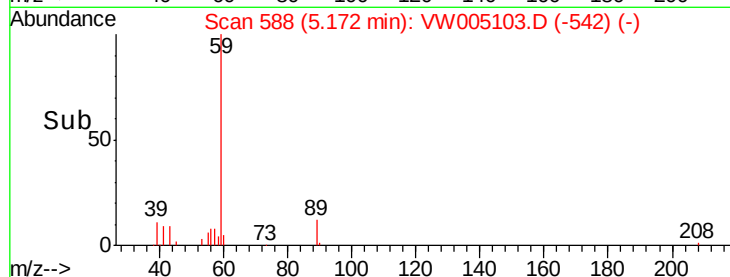
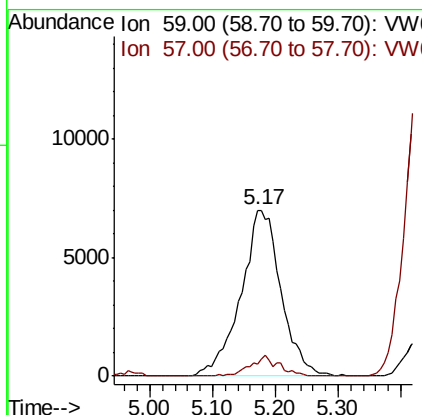
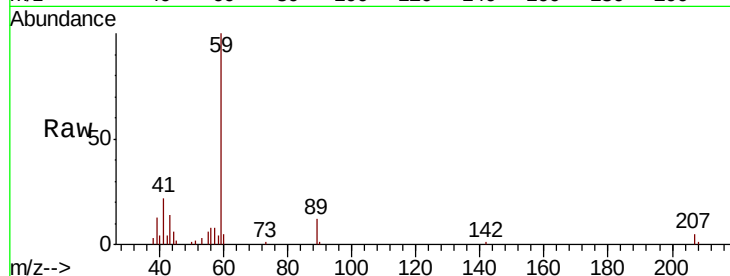
Tert butyl alcohol  
Concen: 139.14 ug/l  
RT: 5.17 min Scan# 588  
Delta R.T. -0.02 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion   | 59  | Resp  | 31019 |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 57        | 8.8 | 8.6   | 12.8  |

Manual Integrations  
APPROVED

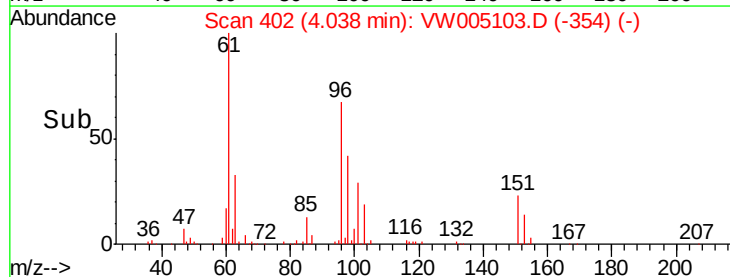
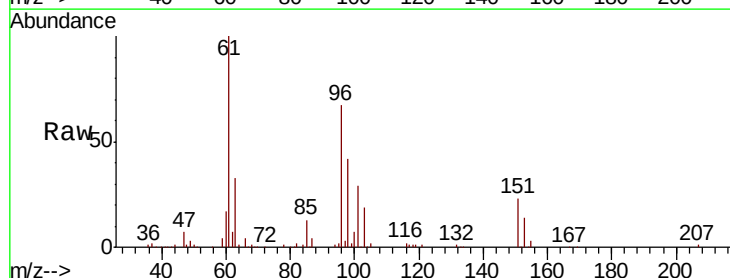
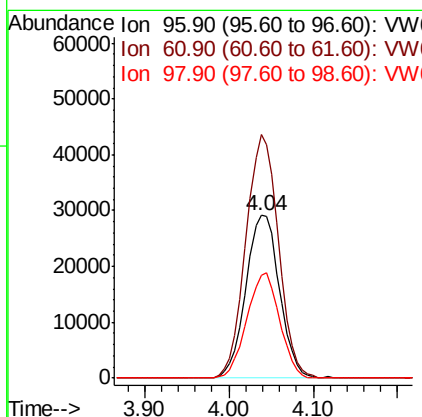
apatel  
9/5/2018 10:02:56 AM

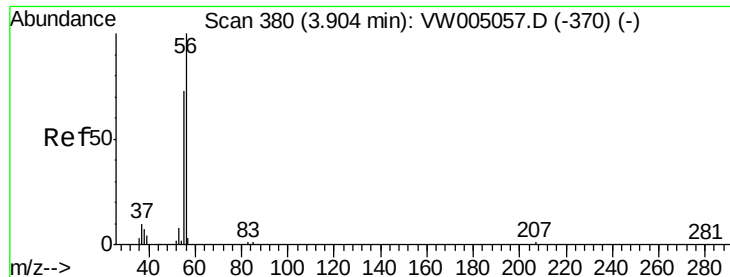


#12

1,1-Dichloroethene  
Concen: 21.04 ug/l  
RT: 4.04 min Scan# 402  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion   | 96    | Resp  | 79108 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 61        | 149.6 | 117.4 | 176.0 |
| 98        | 63.3  | 51.0  | 76.4  |





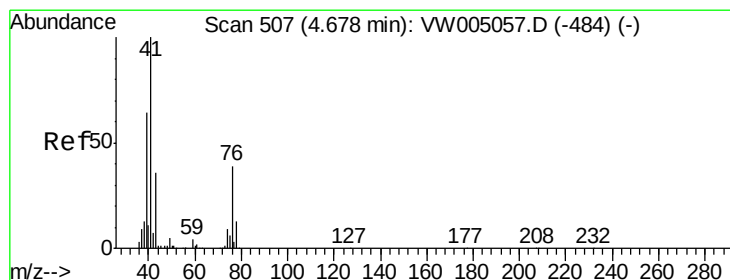
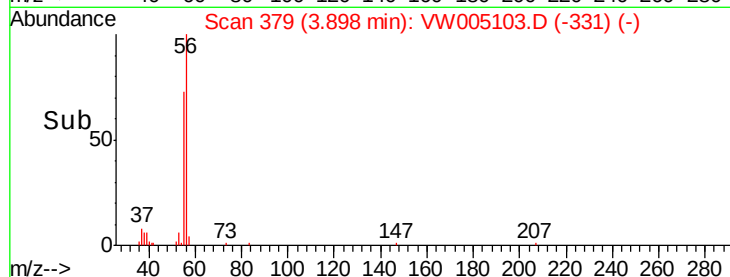
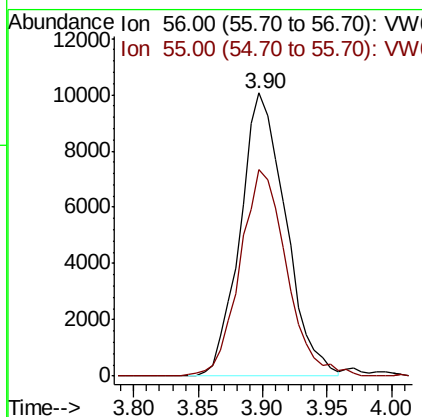
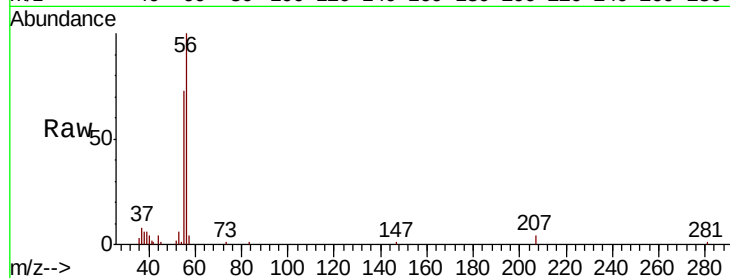
#13  
Acrolein  
Concen: 98.52 ug/l  
RT: 3.90 min Scan# 379  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion   | 56   | Resp  | 24653 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 74.9 | 58.1  | 87.1  |

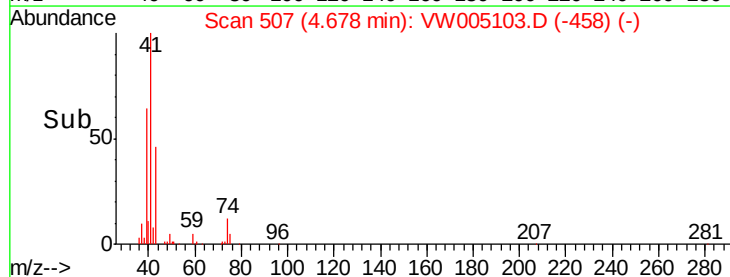
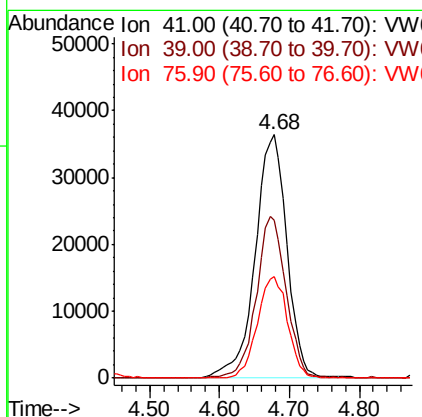
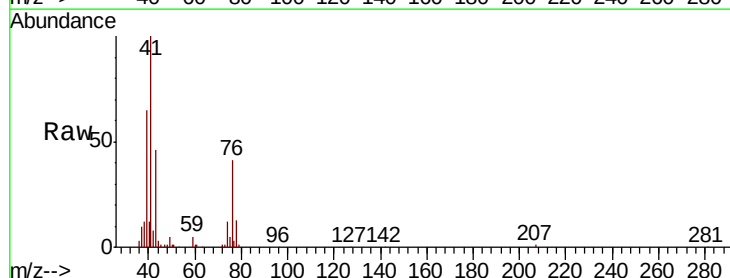
Manual Integrations  
APPROVED

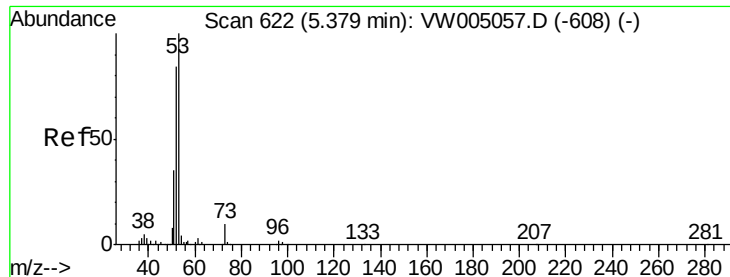
apatel  
9/5/2018 10:02:56 AM



#14  
Allyl chloride  
Concen: 19.55 ug/l  
RT: 4.68 min Scan# 507  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion   | 41   | Resp  | 114927 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 39        | 62.4 | 49.4  | 74.2   |
| 76        | 39.6 | 31.8  | 47.6   |





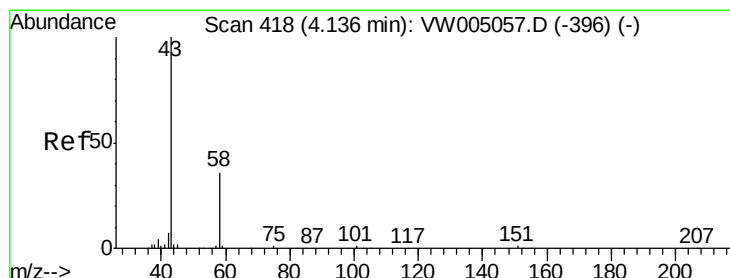
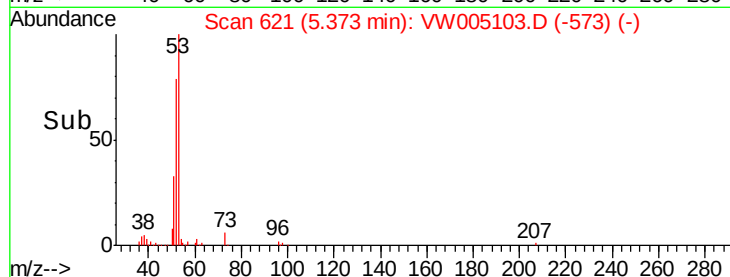
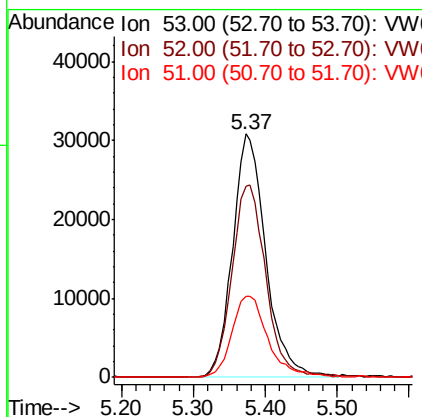
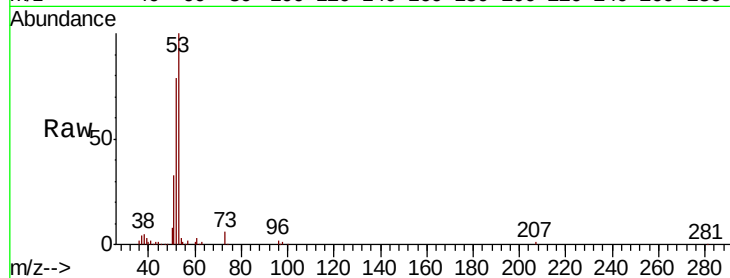
#15  
 Acrylonitrile  
 Concen: 108.52 ug/l  
 RT: 5.37 min Scan# 621  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

|           |      |       |       |
|-----------|------|-------|-------|
| Tot Ion:  | 53   | Resp: | 98527 |
| Ion Ratio |      | Lower | Upper |
| 53        | 100  |       |       |
| 52        | 81.0 | 65.7  | 98.5  |
| 51        | 36.6 | 28.8  | 43.2  |

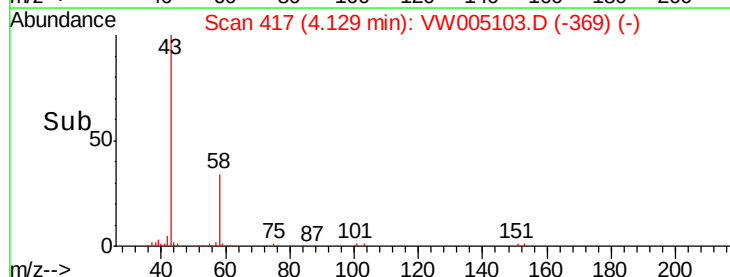
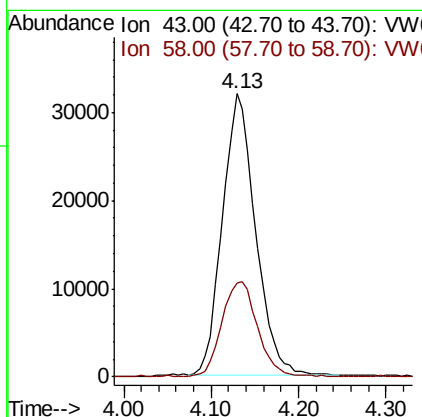
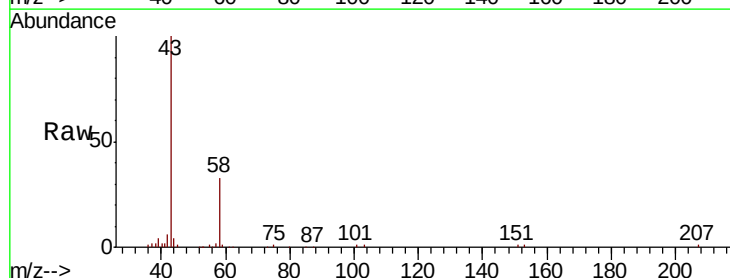
Manual Integrations  
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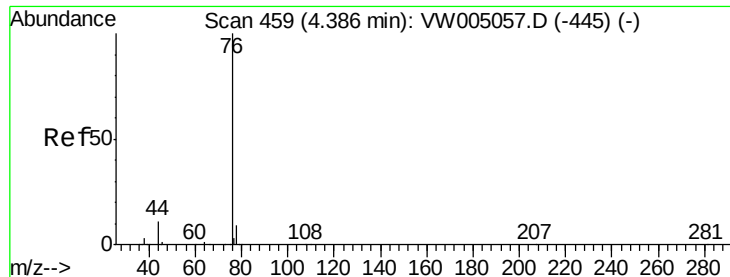
apatel  
 9/5/2018 10:02:56 AM



#16  
 Acetone  
 Concen: 108.71 ug/l  
 RT: 4.13 min Scan# 417  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 43   | Resp: | 84048 |
| Ion Ratio |      | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 33.2 | 29.0  | 43.6  |





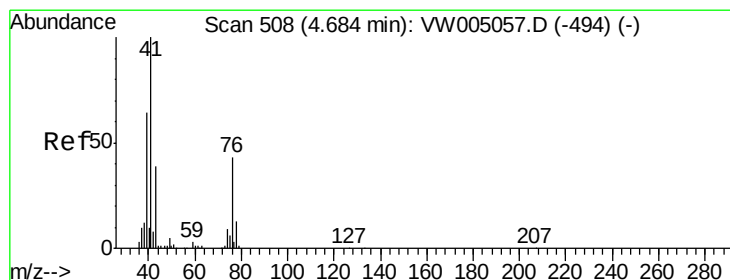
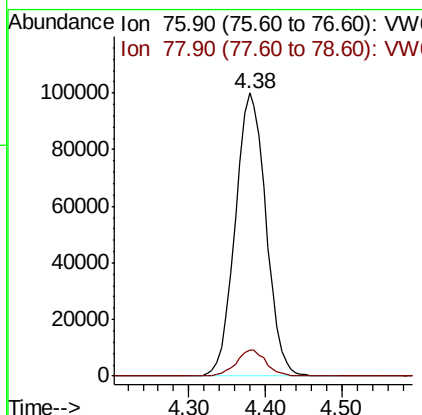
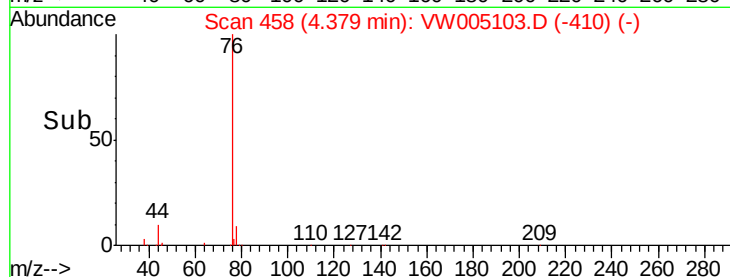
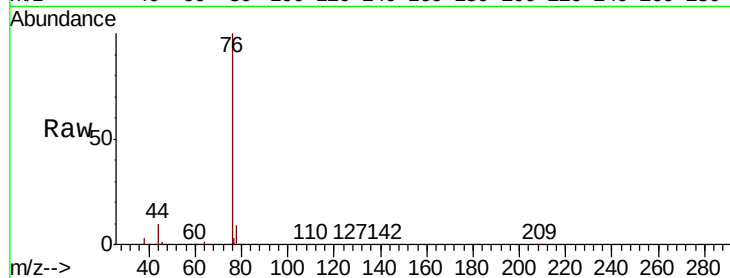
#17  
Carbon Disulfide  
Concen: 21.18 ug/l  
RT: 4.38 min Scan# 458  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.3   | 10.9  |

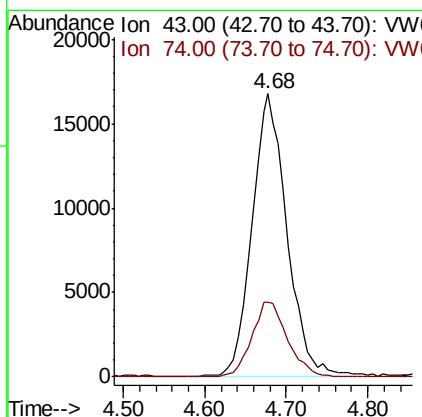
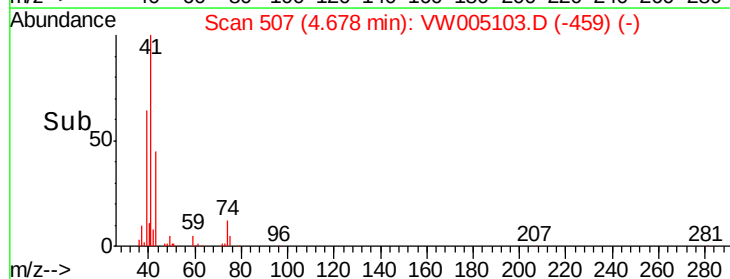
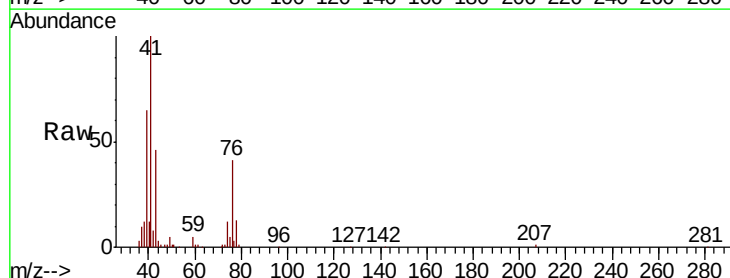
Manual Integrations  
APPROVED

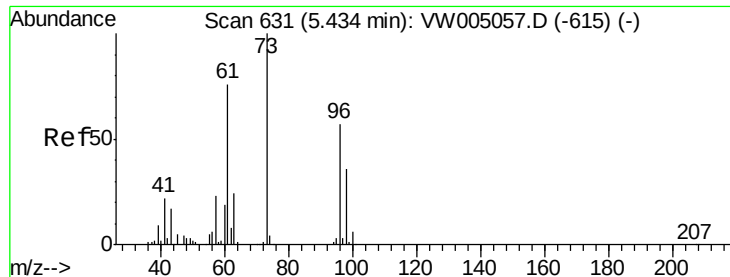
apatel  
9/5/2018 10:02:56 AM



#18  
Methyl Acetate  
Concen: 21.92 ug/l  
RT: 4.68 min Scan# 507  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.2  | 20.7  | 31.1  |





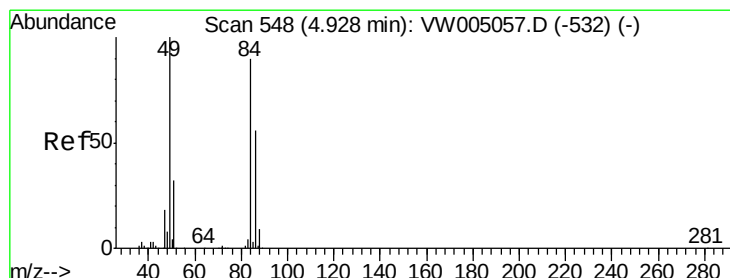
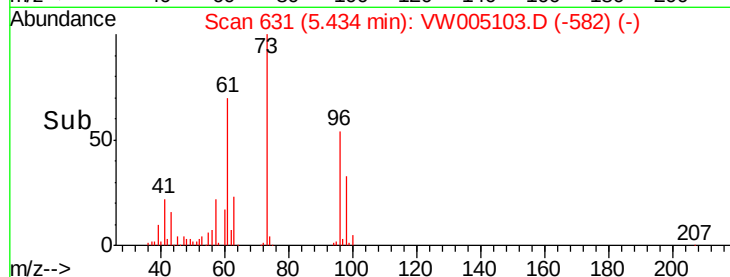
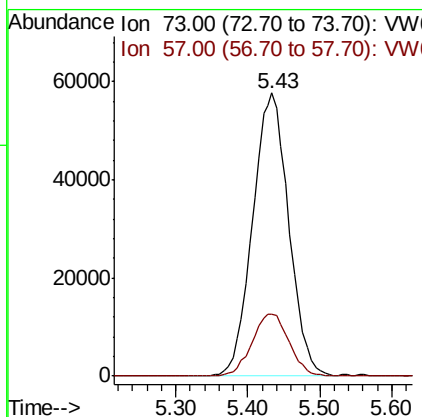
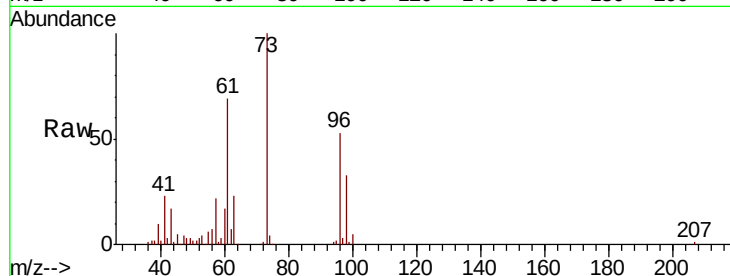
#19  
Methyl tert-butyl Ether  
Concen: 21.92 ug/l  
RT: 5.43 min Scan# 631  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

Tot Ion: 73 Resp: 200146  
Ion Ratio Lower Upper  
73 100  
57 21.8 18.1 27.1

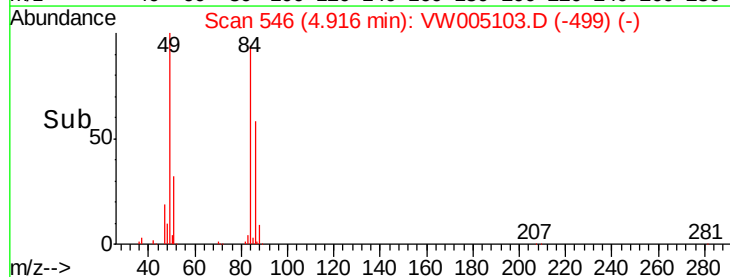
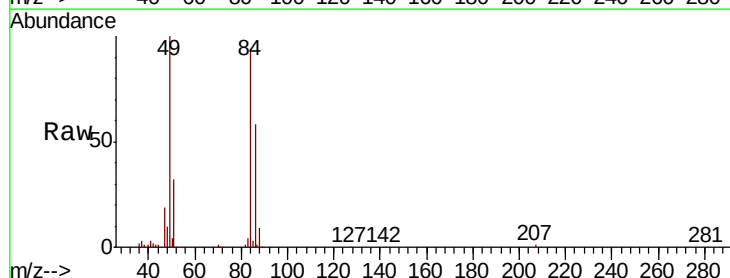
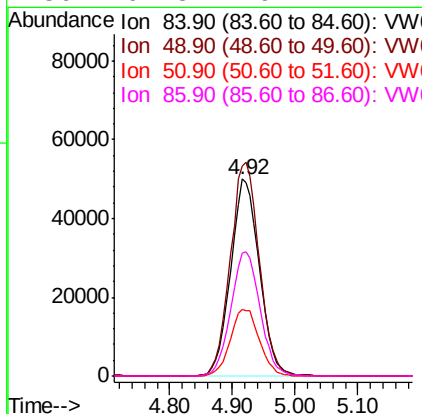
Manual Integrations  
APPROVED

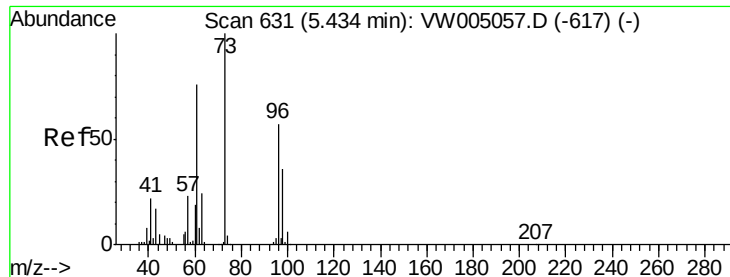
apatel  
9/5/2018 10:02:56 AM



#20  
Methylene Chloride  
Concen: 28.66 ug/l  
RT: 4.92 min Scan# 546  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Tgt Ion: 84 Resp: 158369  
Ion Ratio Lower Upper  
84 100  
49 106.8 88.7 133.1  
51 33.7 28.6 42.8  
86 62.3 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.01 ug/l

RT: 5.43 min Scan# 630

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

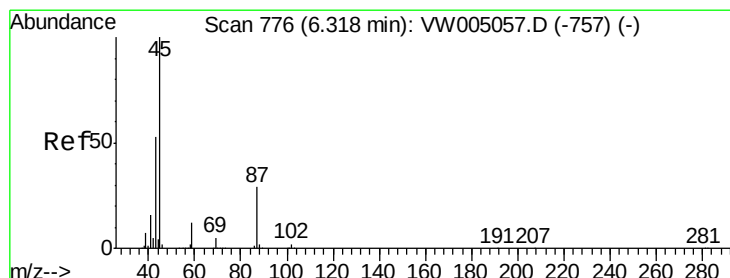
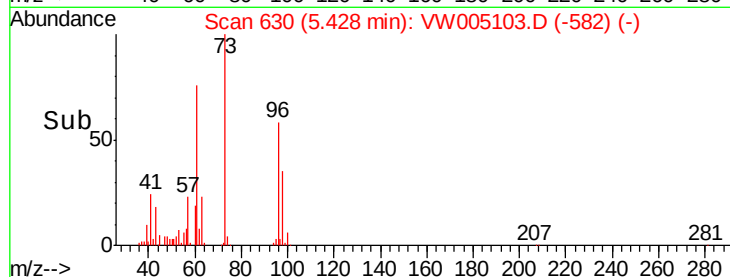
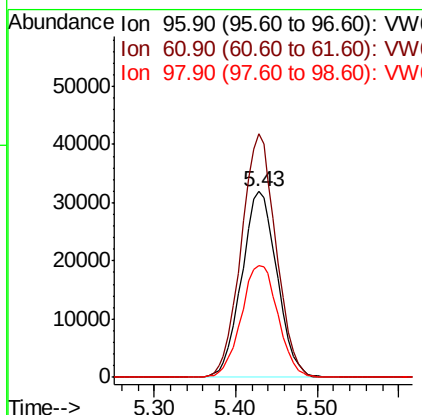
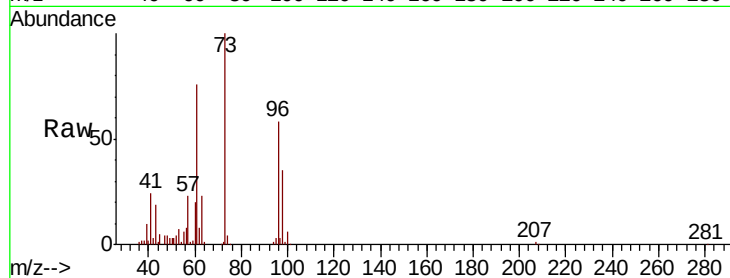
ClientSampled :

VW0904SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 96242 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 131.2 | 106.3 | 159.5 |
| 98       | 60.3  | 50.9  | 76.3  |

Manual Integrations  
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apatel  
9/5/2018 10:02:56 AM



#22

Diisopropyl ether

Concen: 20.68 ug/l

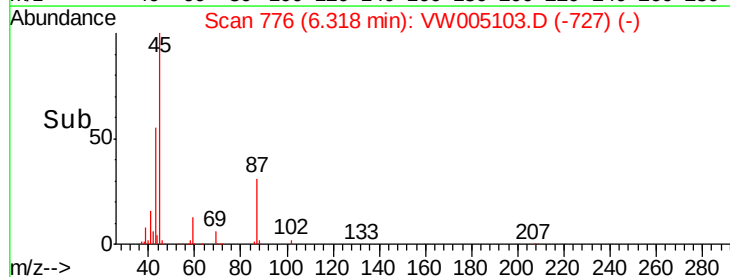
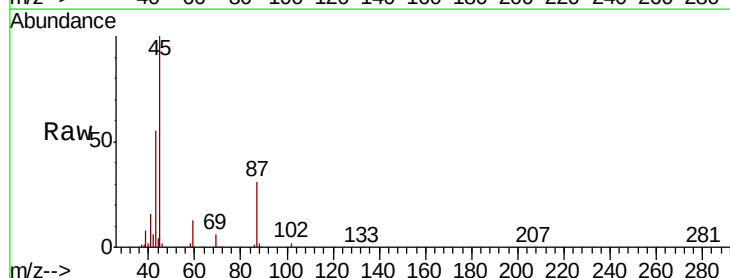
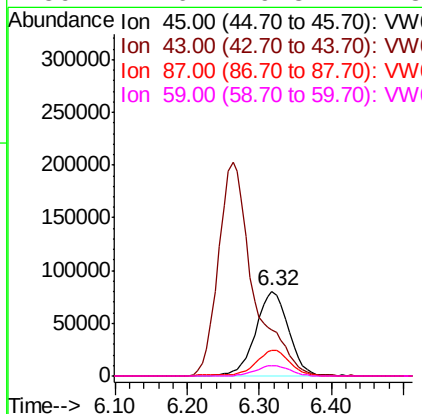
RT: 6.32 min Scan# 776

Delta R.T. -0.00 min

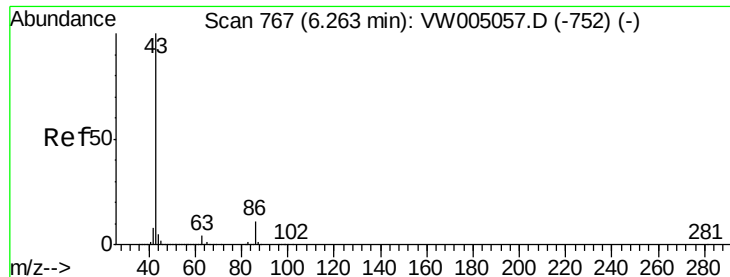
Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 255852 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 53.9  | 42.6  | 63.8   |
| 87       | 30.6  | 23.6  | 35.4   |
| 59       | 12.6  | 9.8   | 14.8   |







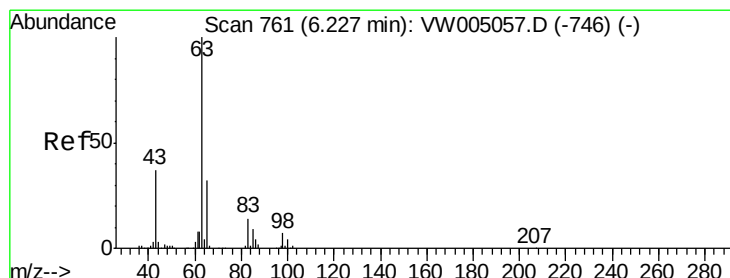
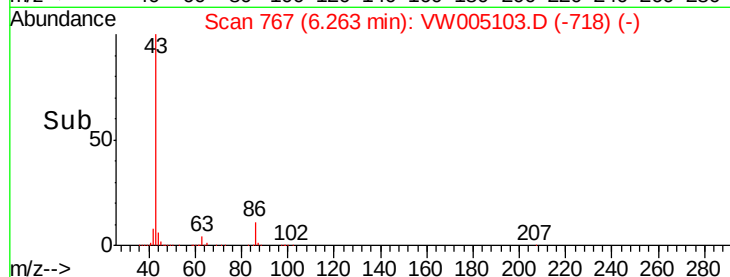
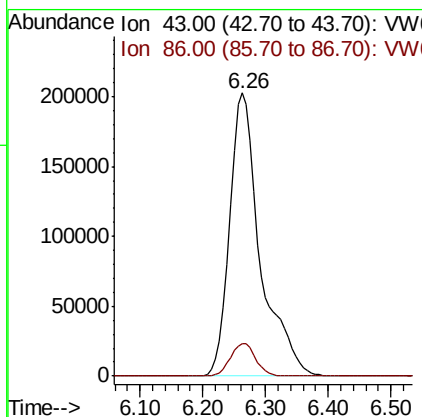
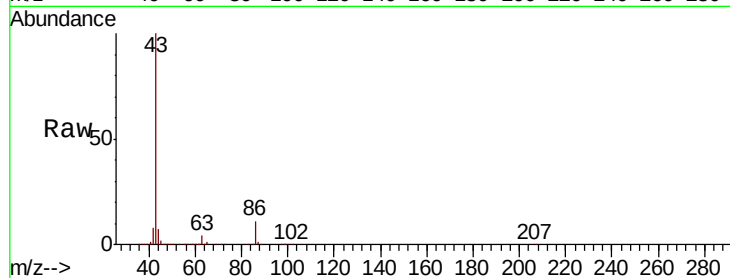
#23  
 Vinyl Acetate  
 Concen: 105.58 ug/l  
 RT: 6.26 min Scan# 767  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 43      | 100   | 685984 |       |       |
| 86      | 11.3  |        | 9.0   | 13.4  |

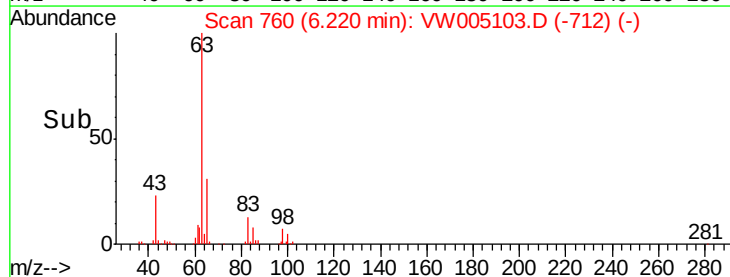
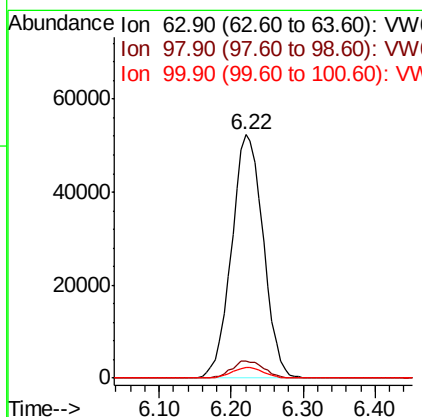
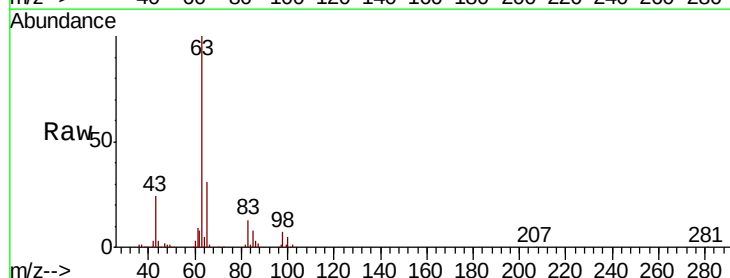
Manual Integrations  
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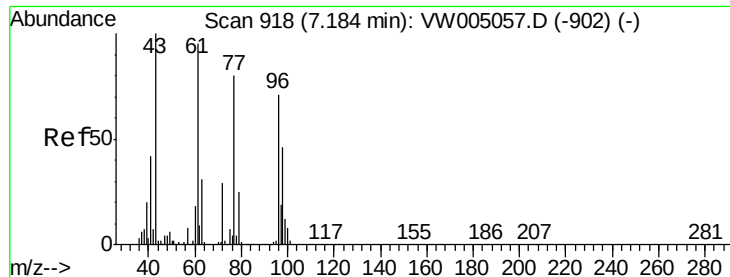
apatel  
 9/5/2018 10:02:56 AM



#24  
 1,1-Dichloroethane  
 Concen: 20.63 ug/l  
 RT: 6.22 min Scan# 760  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 159487 |       |       |
| 98      | 7.1   |        | 3.6   | 10.8  |
| 100     | 4.6   |        | 2.2   | 6.6   |





#25

2-Butanone

Concen: 108.71 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampled :

VW0904SBS02

Tot Ion: 43 Resp: 145785

Ion Ratio Lower Upper

43 100

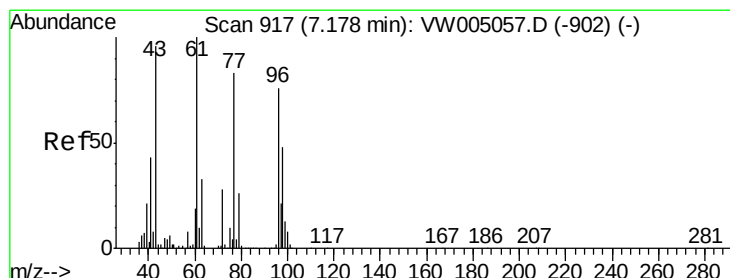
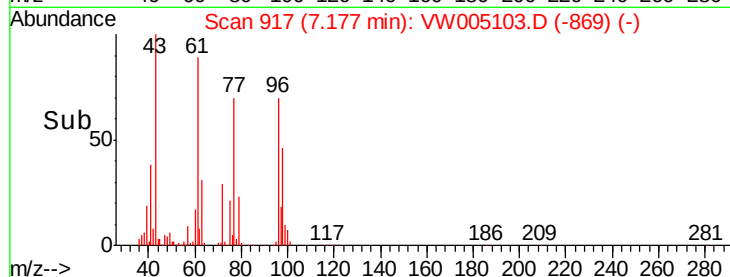
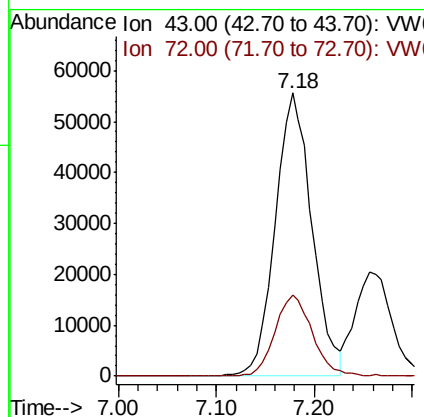
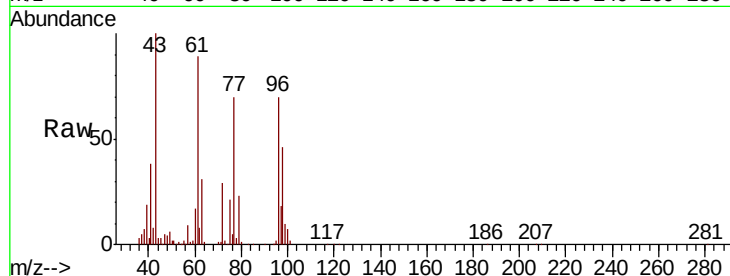
72 28.8 23.1 34.7

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#26

2,2-Dichloropropane

Concen: 18.68 ug/l

RT: 7.17 min Scan# 916

Delta R.T. -0.01 min

Lab File: VW005103.D

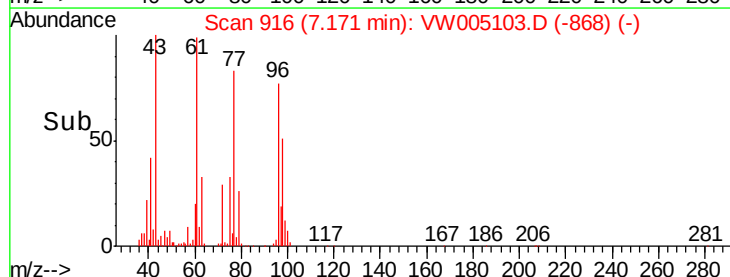
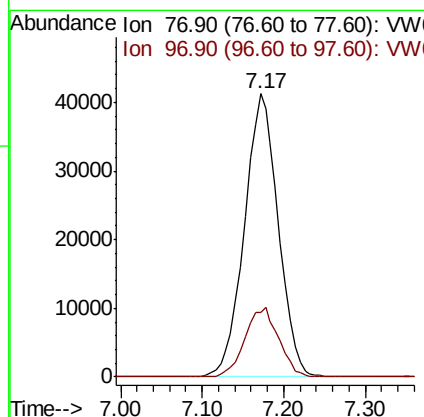
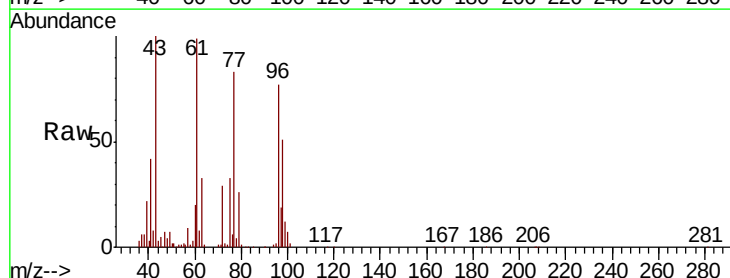
Acq: 05 Sep 2018 03:01

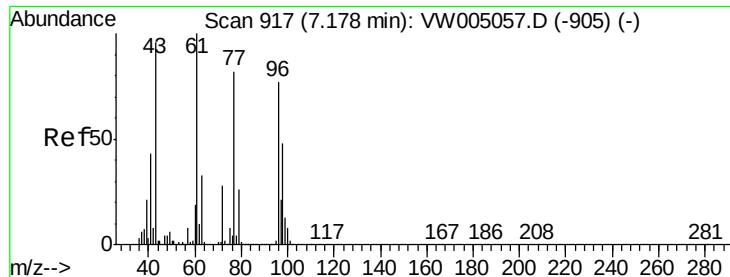
Tgt Ion: 77 Resp: 118697

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6





#27

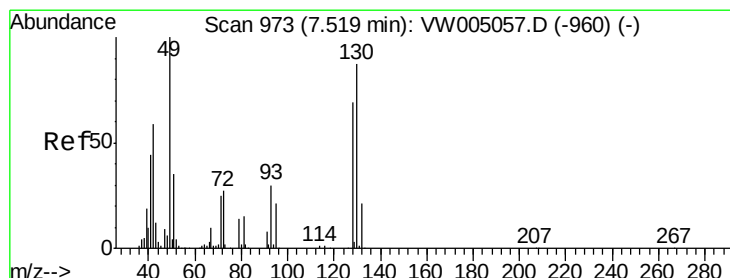
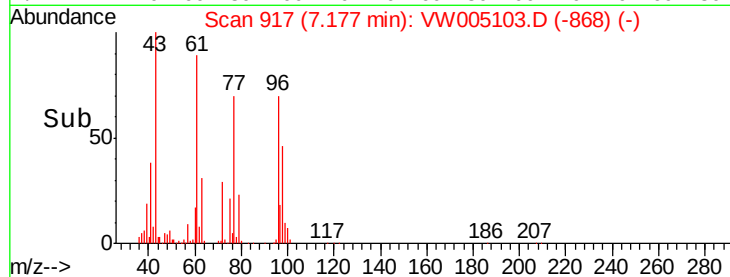
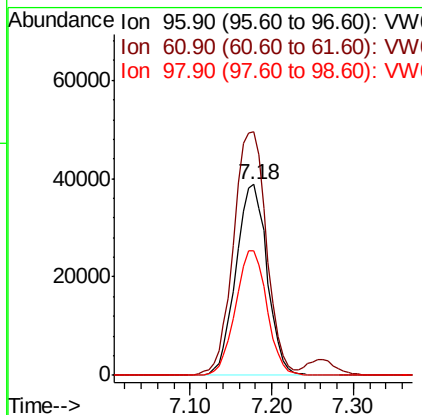
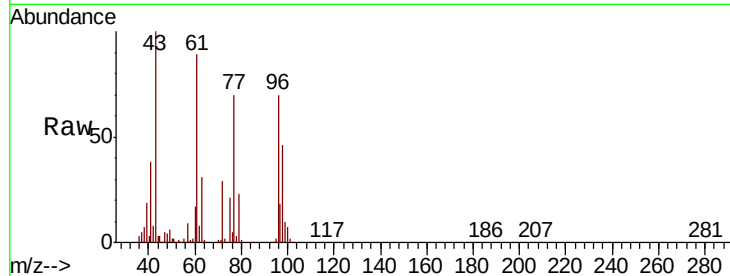
cis-1,2-Dichloroethene  
Concen: 20.59 ug/l  
RT: 7.18 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 103198 |       |       |
| 61      | 134.6 |        | 0.0   | 273.2 |
| 98      | 65.4  |        | 0.0   | 127.8 |

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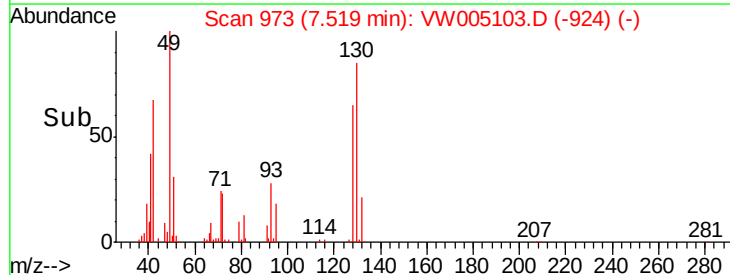
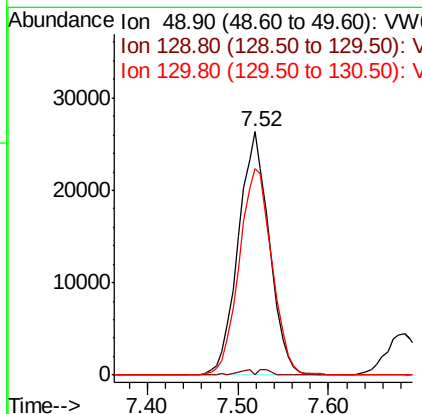
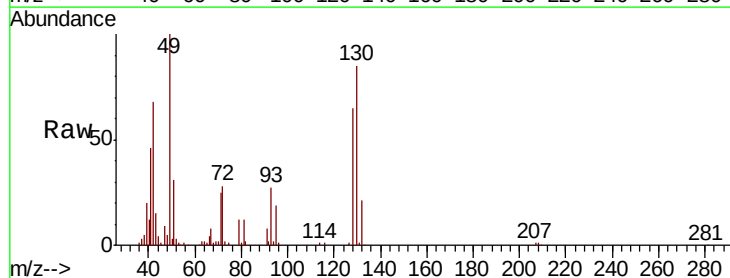
apatel  
9/5/2018 10:02:56 AM

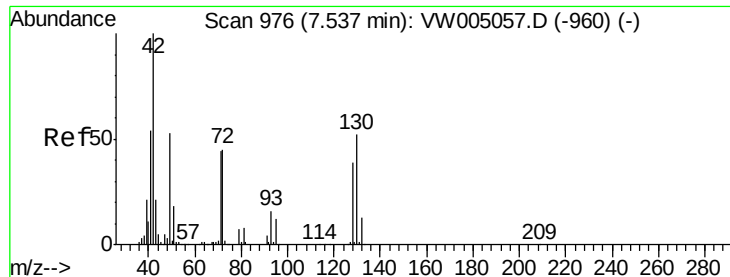


#28

Bromochloromethane  
Concen: 20.13 ug/l  
RT: 7.52 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 62632 |       |       |
| 129     | 1.0   |       | 0.0   | 4.4   |
| 130     | 88.9  |       | 69.6  | 104.4 |





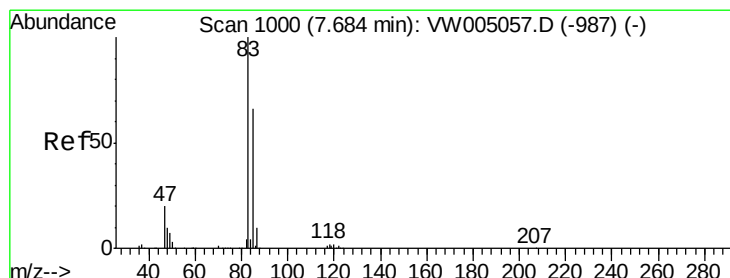
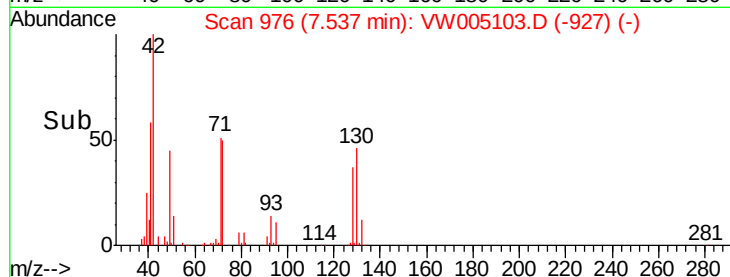
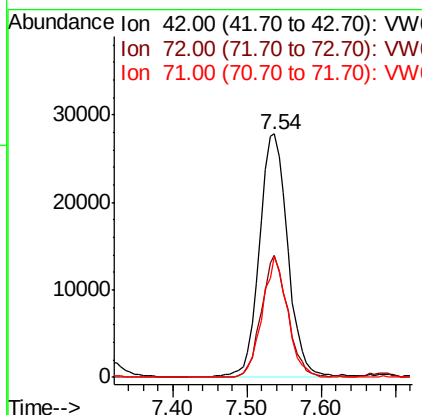
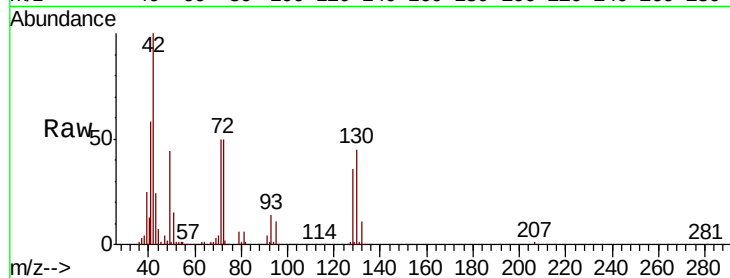
#29  
Tetrahydrofuran  
Concen: 108.57 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.3  | 37.0  | 55.4  |
| 71      | 44.1  | 35.0  | 52.6  |

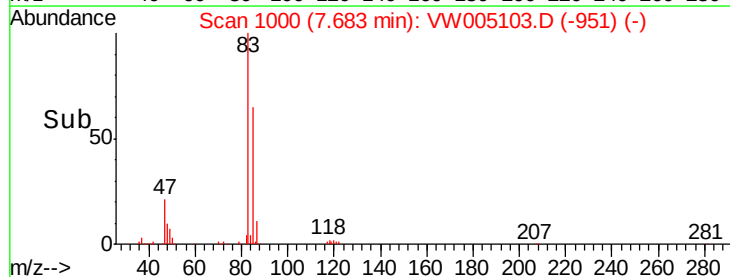
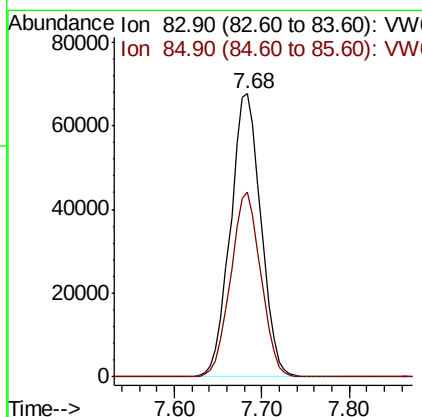
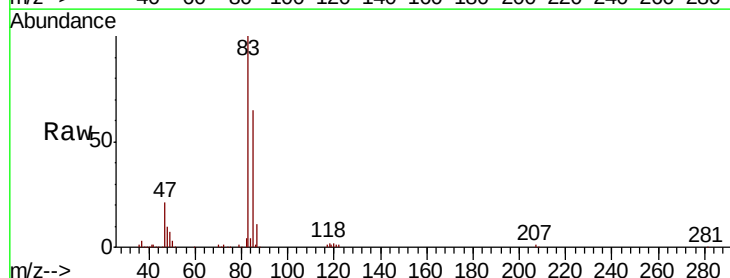
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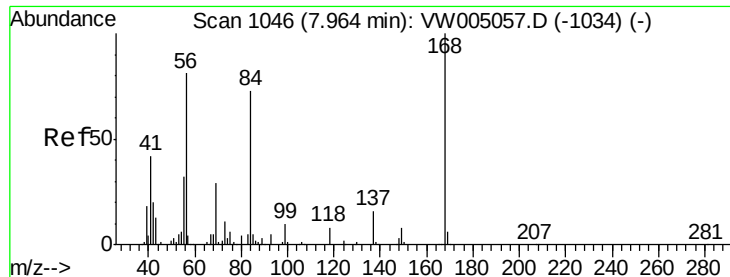
apatel  
9/5/2018 10:02:56 AM



#30  
Chloroform  
Concen: 20.77 ug/l  
RT: 7.68 min Scan# 1000  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.2  | 53.1  | 79.7  |





#31

Cyclohexane

Concen: 20.40 ug/l

RT: 7.96 min Scan# 1045

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

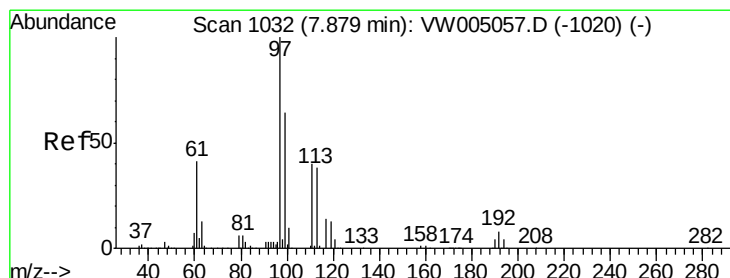
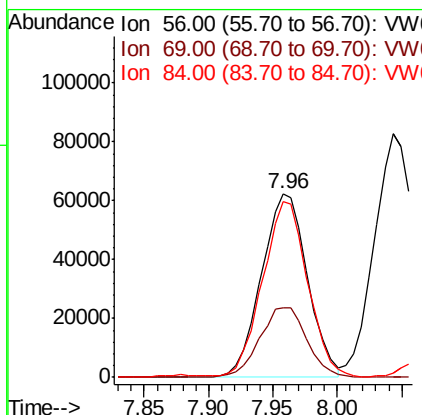
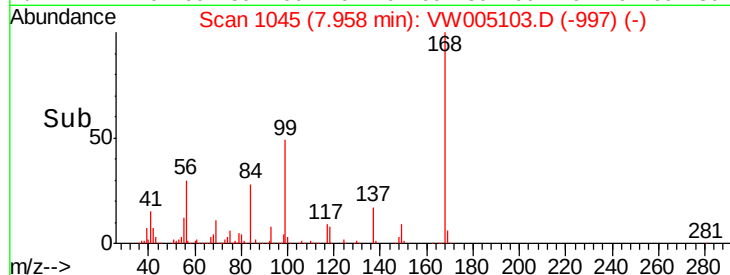
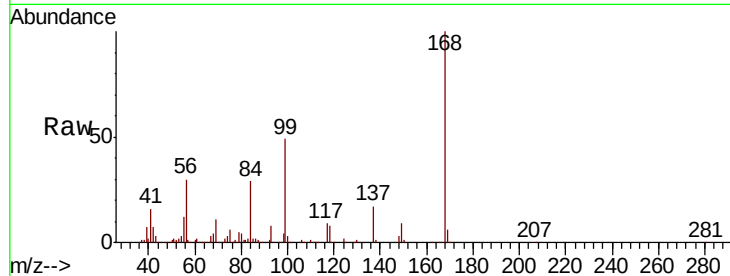
ClientSampled :

VW0904SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 154488 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 37.6  | 28.2  | 42.2   |
| 84       | 94.5  | 71.8  | 107.8  |

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#32

1,1,1-Trichloroethane

Concen: 21.08 ug/l

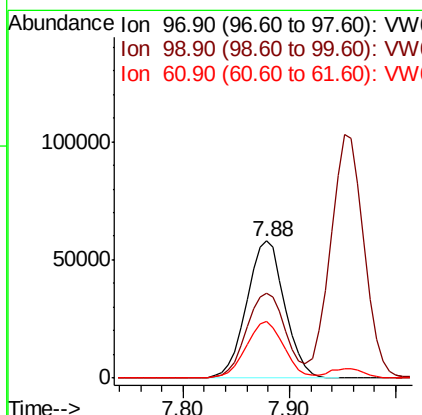
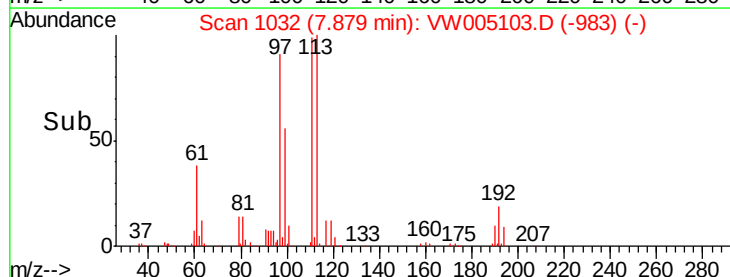
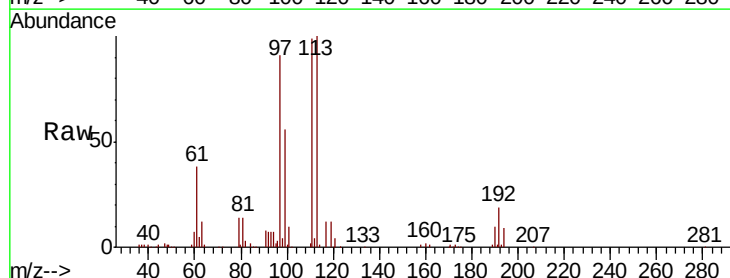
RT: 7.88 min Scan# 1032

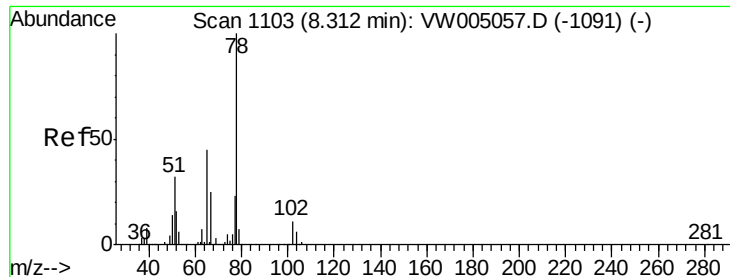
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 144880 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.8  | 77.8   |
| 61       | 41.2  | 33.2  | 49.8   |





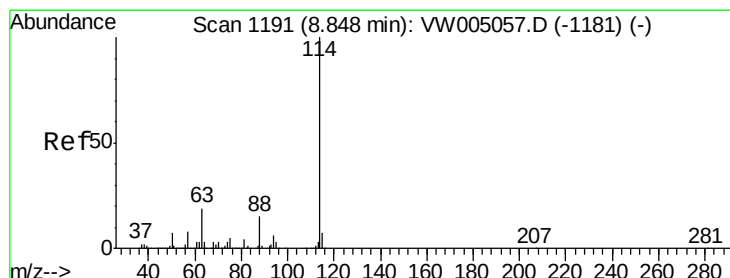
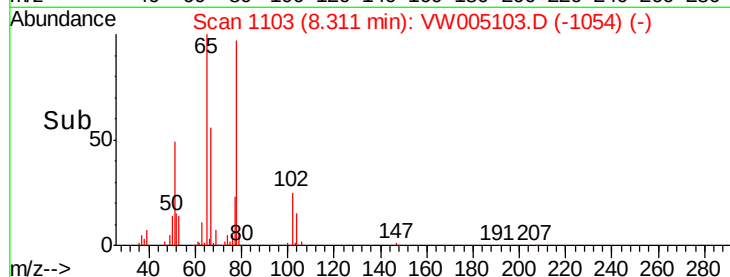
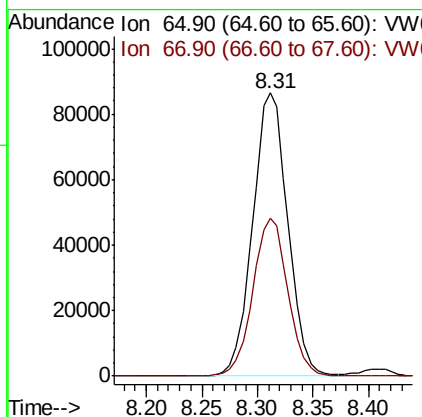
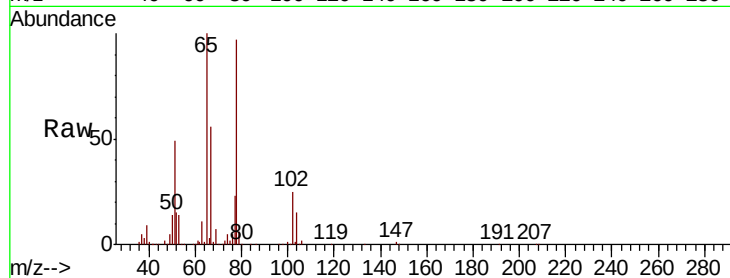
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.30 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 55.6  | 0.0  | 109.4 |       |

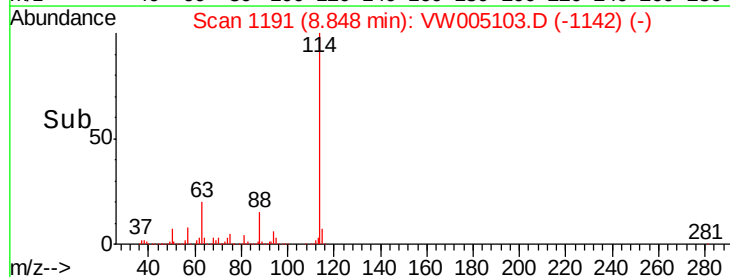
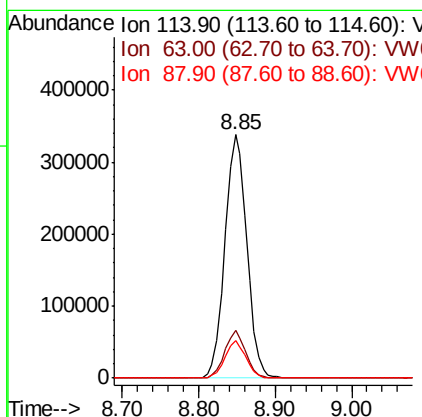
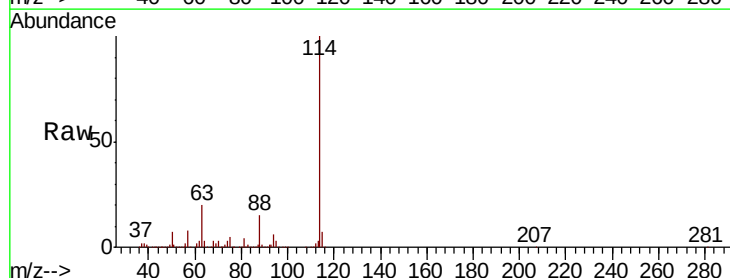
Manual Integrations  
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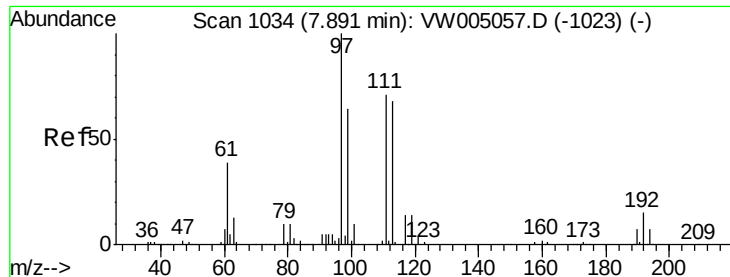
apatel  
 9/5/2018 10:02:56 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 19.7  | 0.0  | 38.0  |       |
| 88      | 15.3  | 0.0  | 30.2  |       |





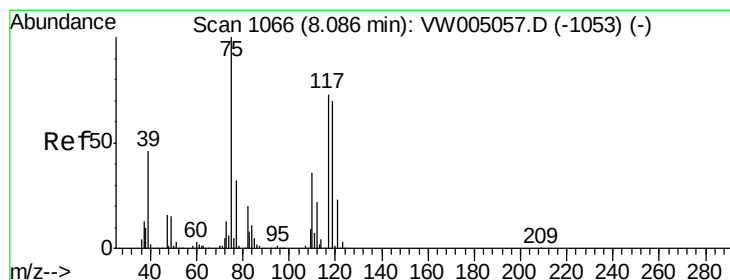
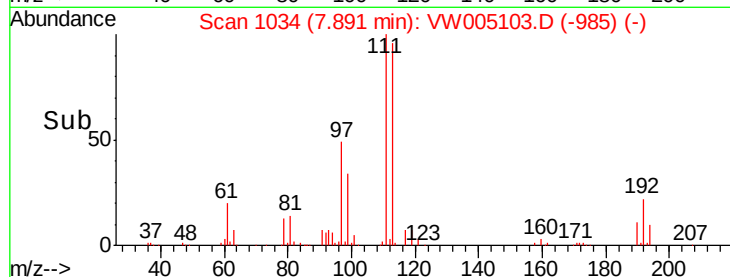
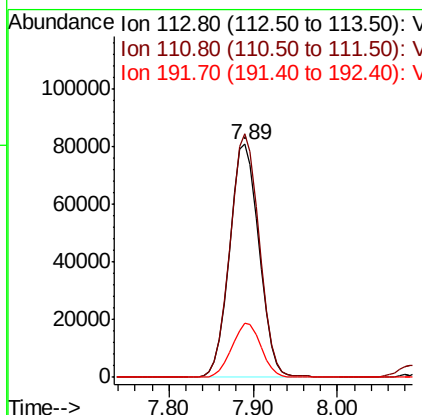
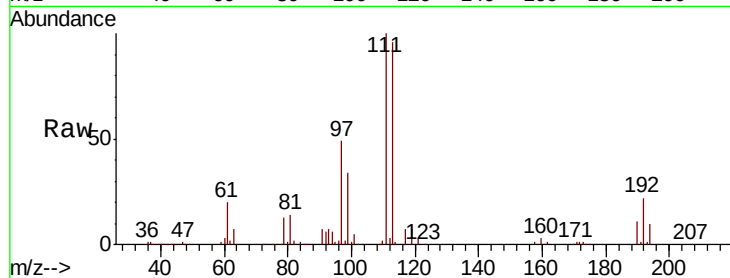
#35  
Dibromofluoromethane  
Concen: 49.51 ug/l  
RT: 7.89 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 191494 |       |       |
| 111     | 103.3 | 82.2   | 123.2 |       |
| 192     | 22.9  | 18.1   | 27.1  |       |

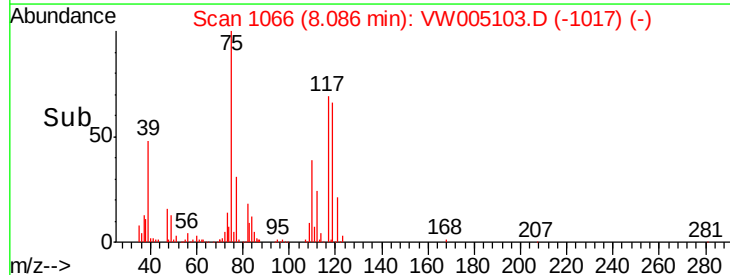
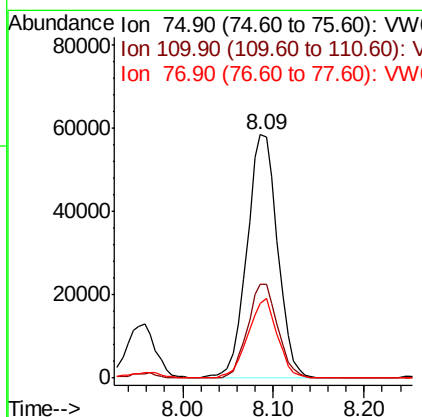
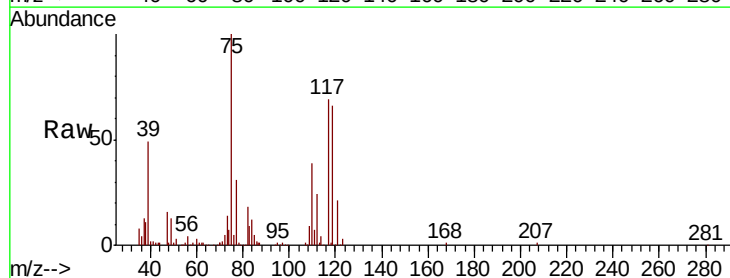
Manual Integrations  
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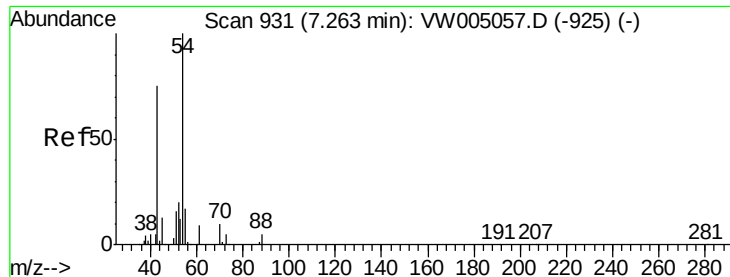
apatel  
9/5/2018 10:02:56 AM



#36  
1,1-Dichloropropene  
Concen: 21.43 ug/l  
RT: 8.09 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 136567 |       |       |
| 110     | 38.1  | 18.9   | 56.7  |       |
| 77      | 31.5  | 25.5   | 38.3  |       |





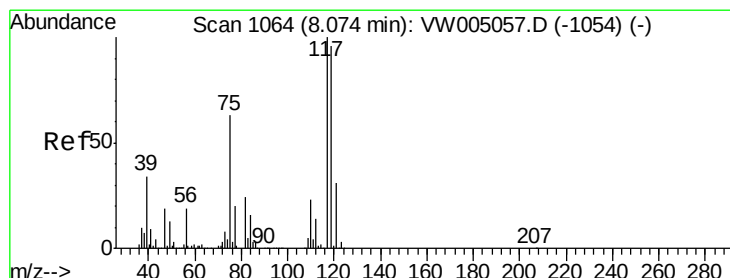
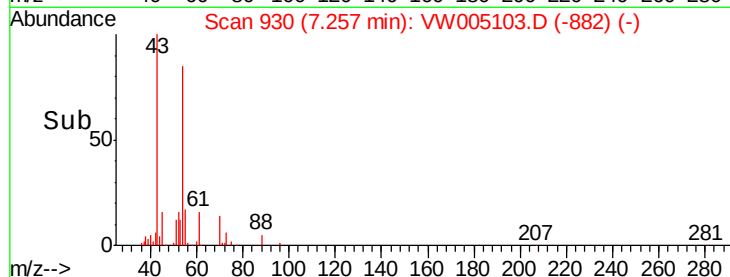
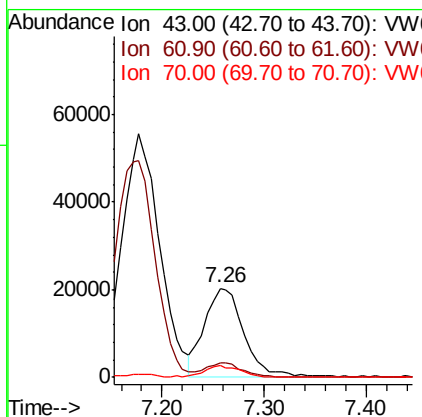
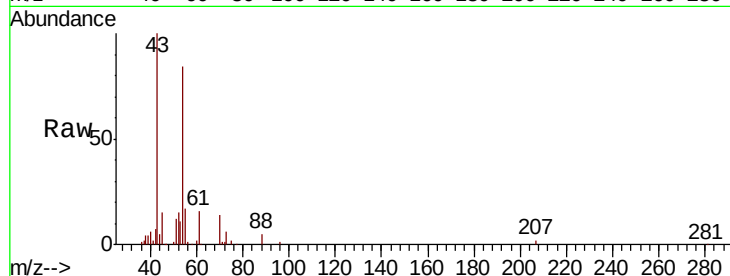
#37  
Ethyl Acetate  
Concen: 22.56 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | 43    | Resp  | 53786 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 43      | 100   |       |       |
| 61      | 15.2  | 12.1  | 18.1  |
| 70      | 12.4  | 9.4   | 14.2  |

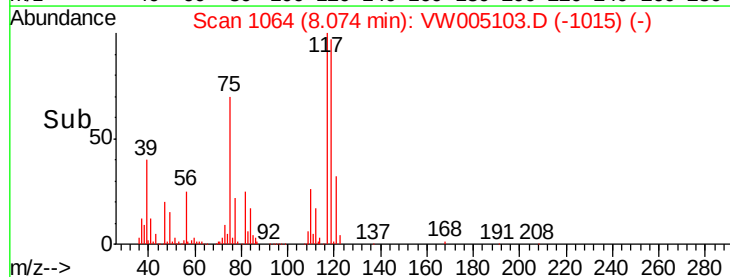
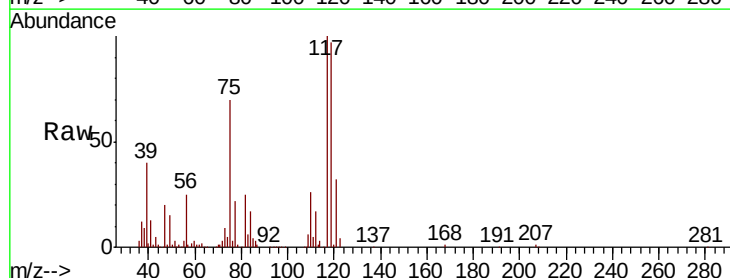
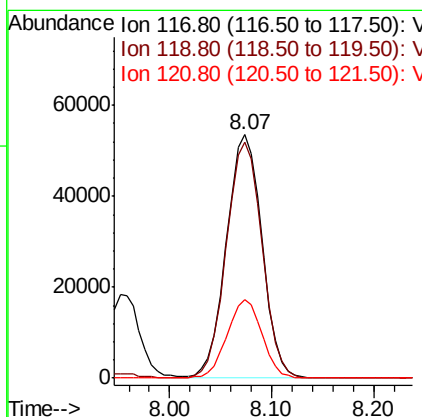
Manual Integrations  
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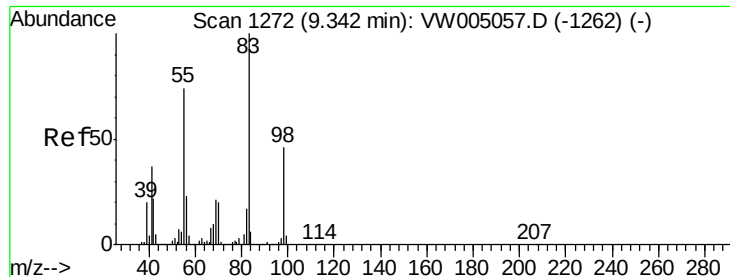


#38  
Carbon Tetrachloride  
Concen: 21.37 ug/l  
RT: 8.07 min Scan# 1064  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | 117   | Resp  | 129545 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 96.9  | 76.6  | 115.0  |
| 121     | 32.1  | 24.8  | 37.2   |







#39

Methylvlcyclohexane

Concen: 20.24 ug/l

RT: 9.34 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

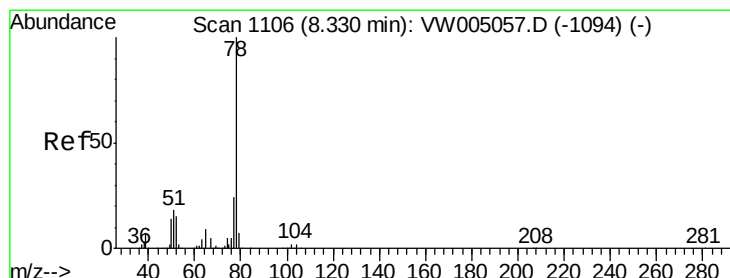
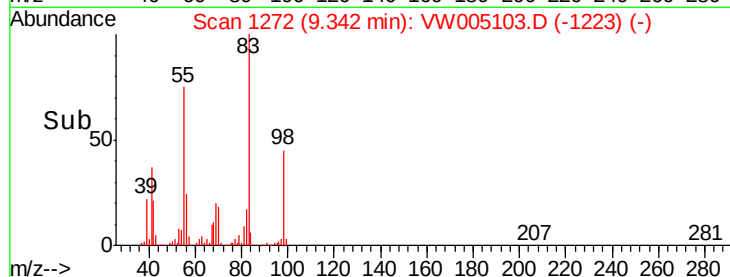
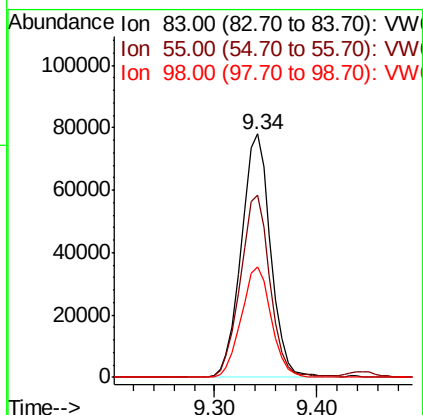
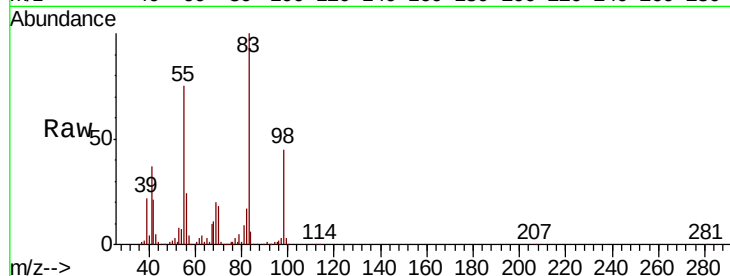
ClientSampleId :

VW0904SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 155986 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 55       | 75.0  | 58.9  | 88.3   |
| 98       | 45.4  | 36.8  | 55.2   |

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apatel  
9/5/2018 10:02:56 AM



#40

Benzene

Concen: 21.03 ug/l

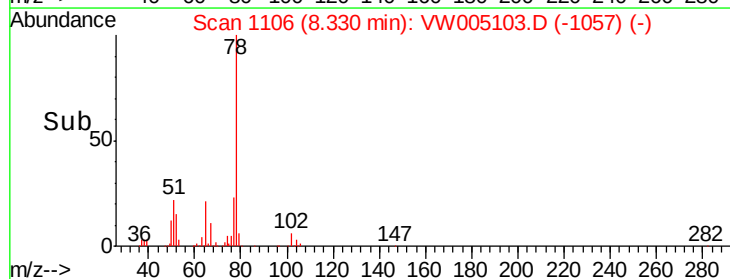
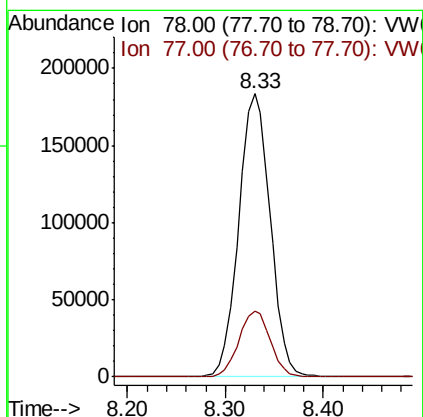
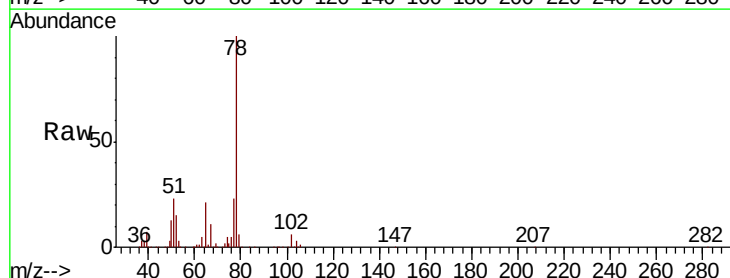
RT: 8.33 min Scan# 1106

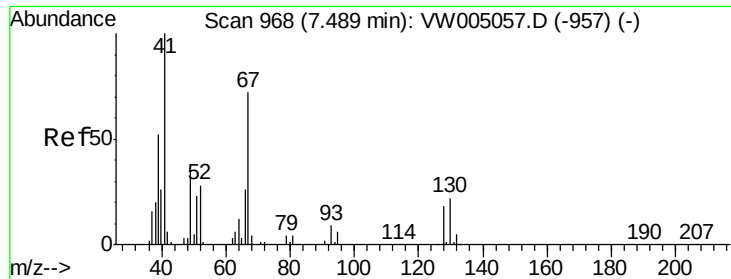
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 78    | Resp: | 410418 |
| Ion      | Ratio | Lower | Upper  |
| 78       | 100   |       |        |
| 77       | 23.5  | 19.4  | 29.0   |





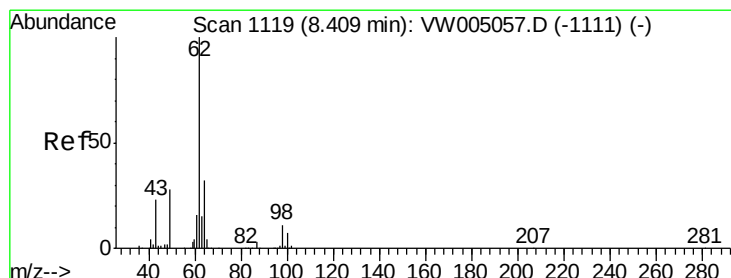
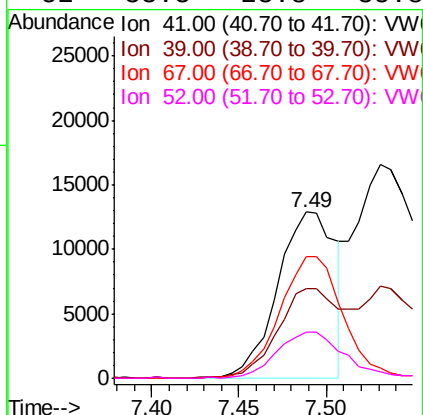
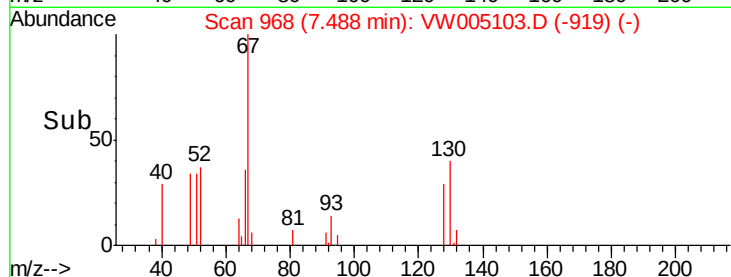
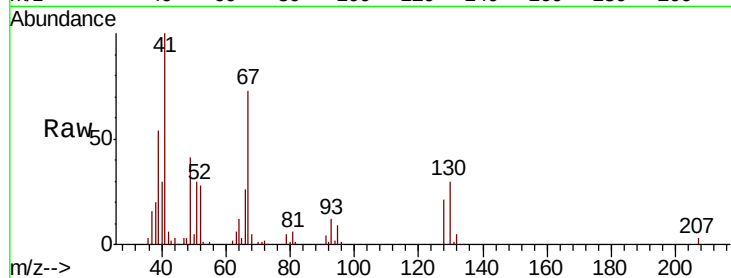
#41  
Methacrylonitrile  
Concen: 21.49 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 60.6  | 41.8  | 62.8  |
| 67      | 80.8  | 60.4  | 90.6  |
| 52      | 33.3  | 23.8  | 35.8  |

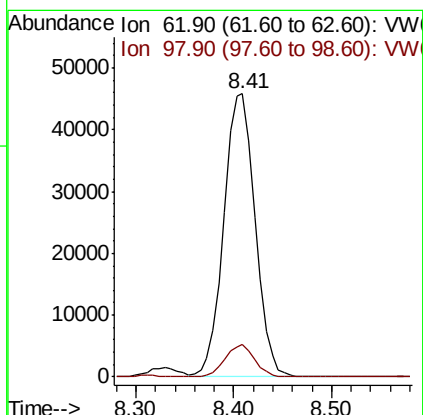
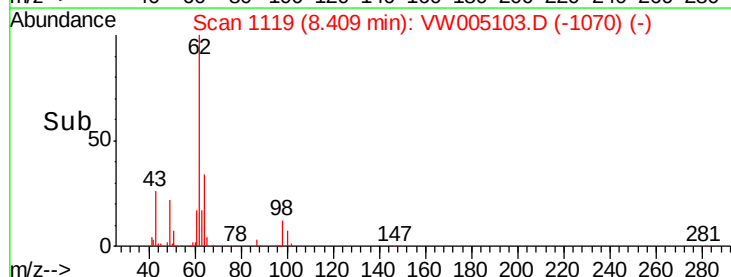
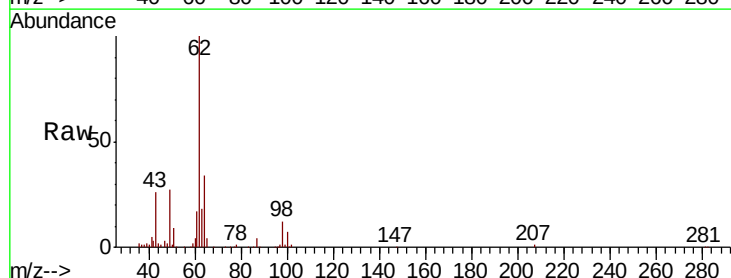
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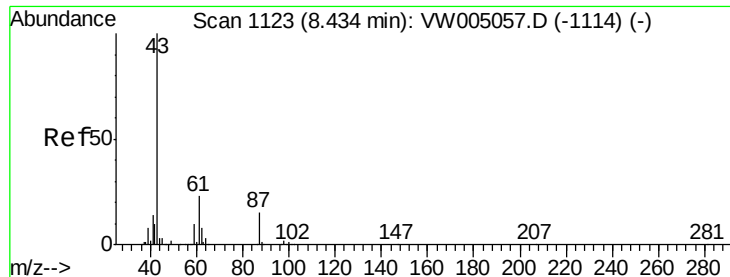
apatel  
9/5/2018 10:02:56 AM



#42  
1,2-Dichloroethane  
Concen: 21.32 ug/l  
RT: 8.41 min Scan# 1119  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.8  | 0.0   | 21.8  |





#43

Isopropyl Acetate

Concen: 21.54 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

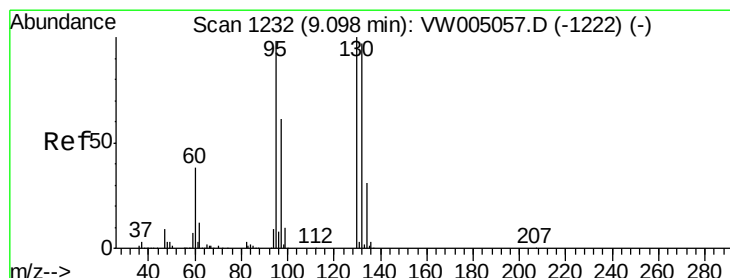
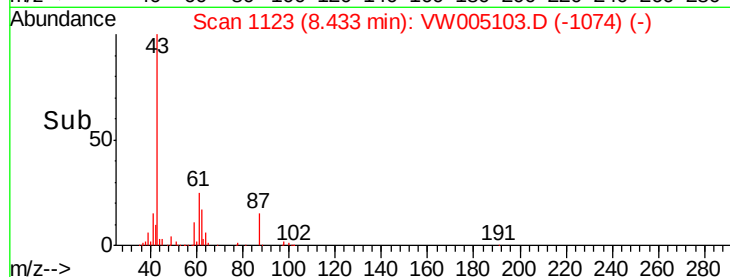
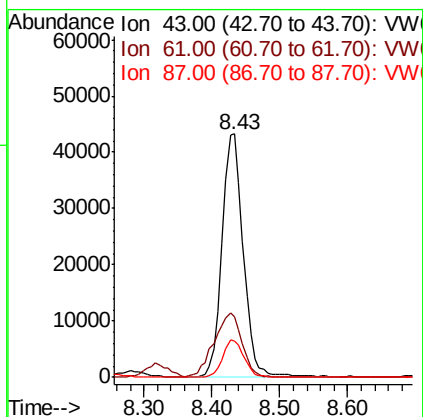
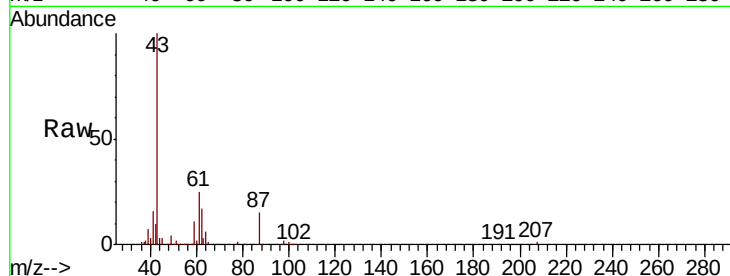
ClientSampleId :

VW0904SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 93447 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 34.7  | 26.8  | 40.2  |
| 87       | 15.4  | 11.6  | 17.4  |

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#44

Trichloroethene

Concen: 21.62 ug/l

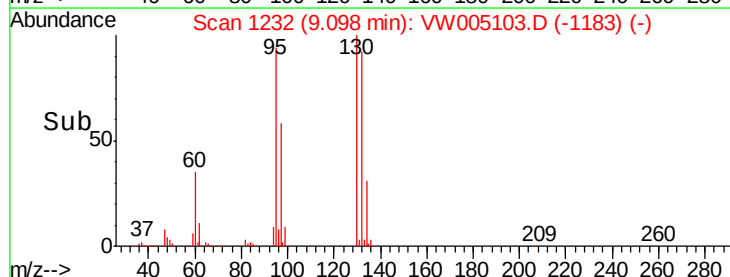
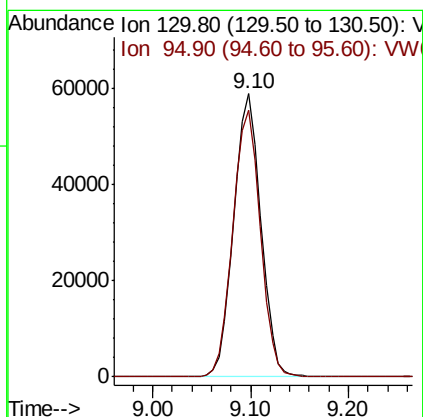
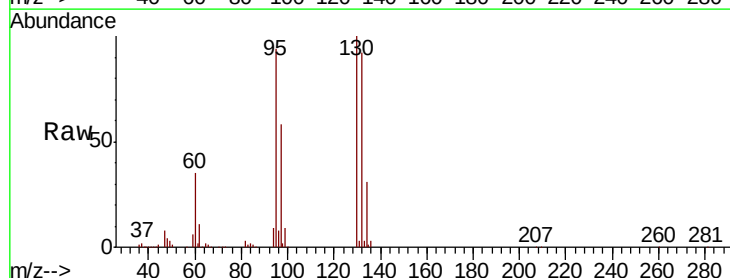
RT: 9.10 min Scan# 1232

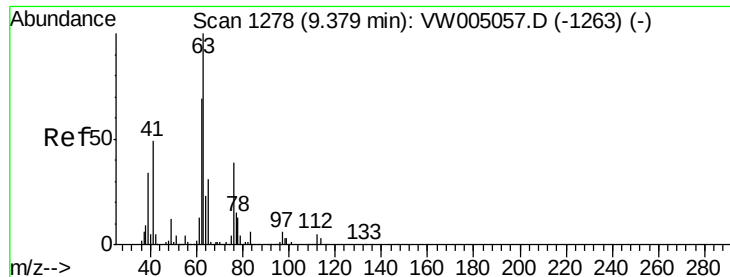
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 113838 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 94.4  | 0.0   | 195.2  |





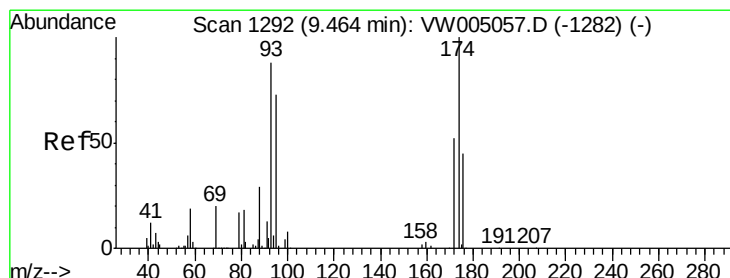
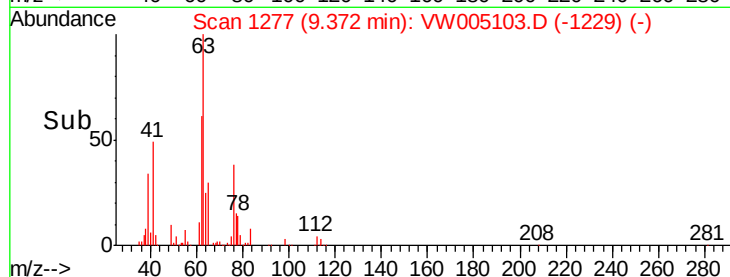
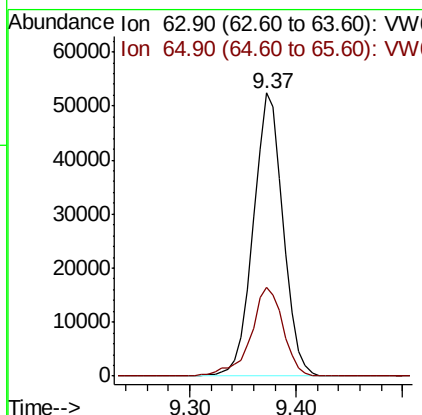
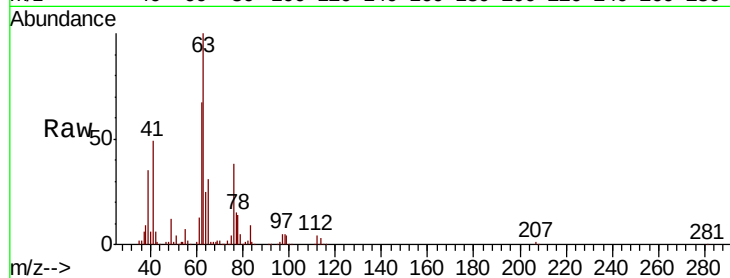
#45  
 1,2-Dichloropropane  
 Concen: 21.56 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.3  | 24.6  | 37.0  |

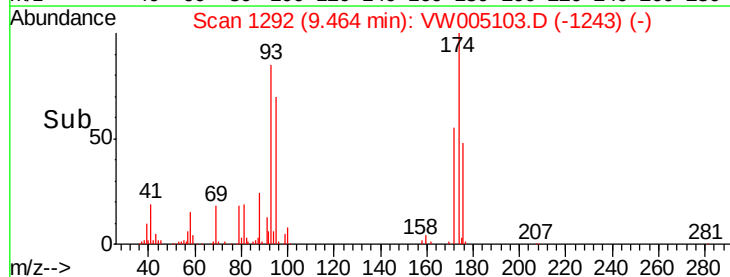
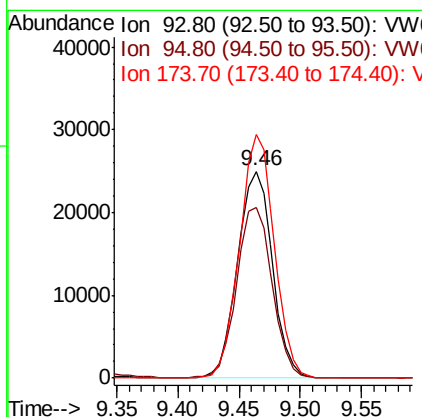
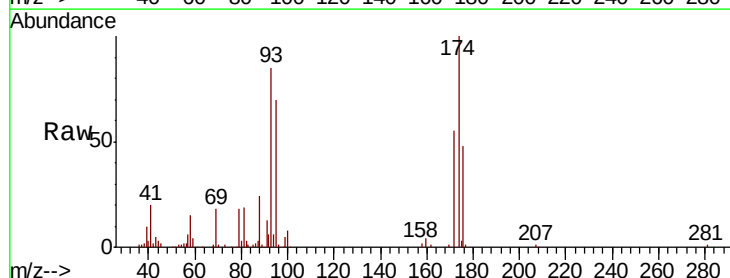
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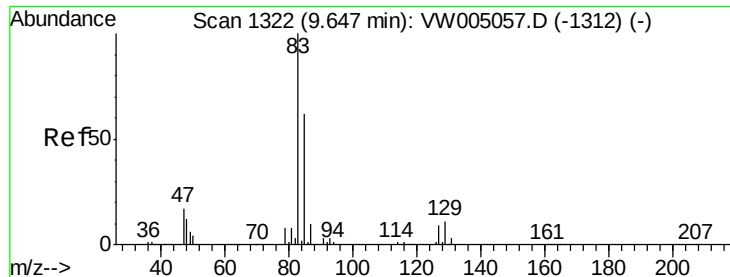
apatel  
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#46  
 Dibromomethane  
 Concen: 21.69 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 84.2  | 66.2  | 99.4  |
| 174     | 117.1 | 92.0  | 138.0 |





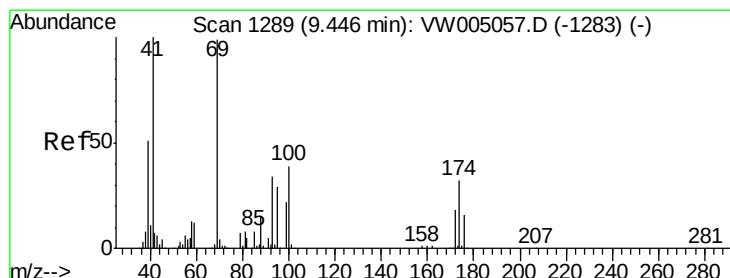
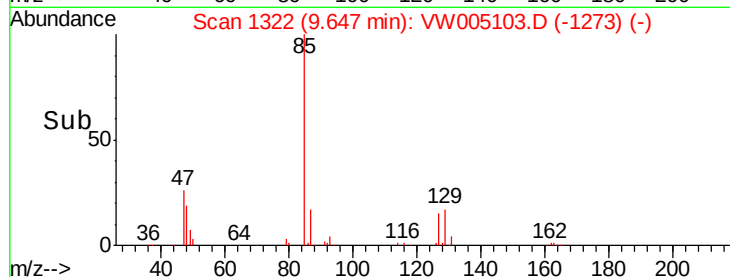
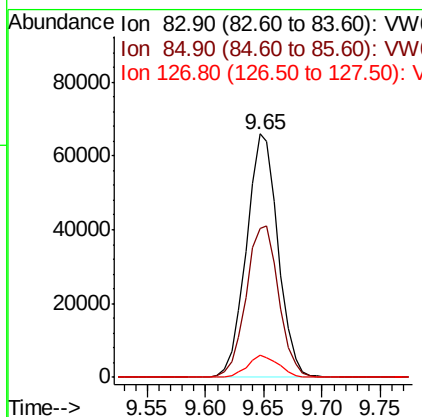
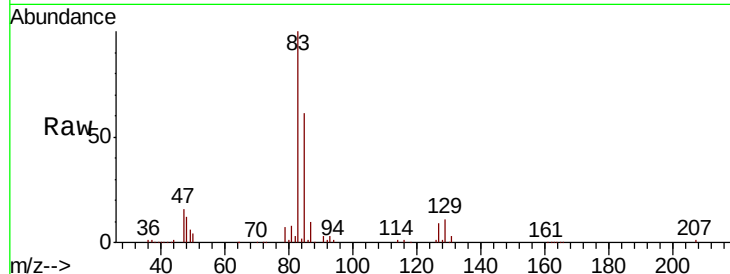
#47  
Bromodichloromethane  
Concen: 21.69 ug/l  
RT: 9.65 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion   | 83   | Resp  | 124516 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 61.4 | 49.8  | 74.6   |
| 127       | 9.1  | 7.0   | 10.4   |

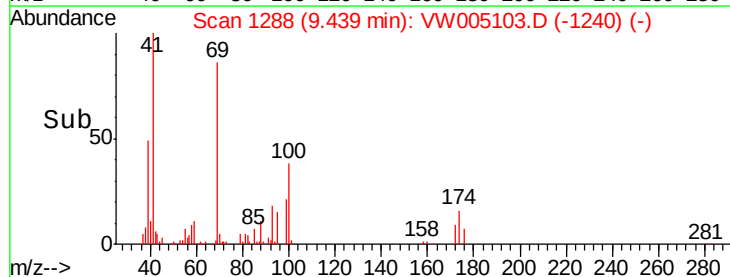
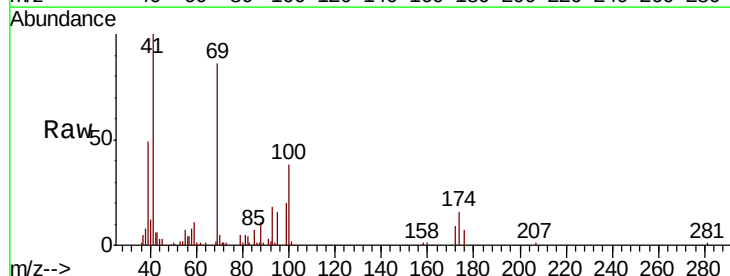
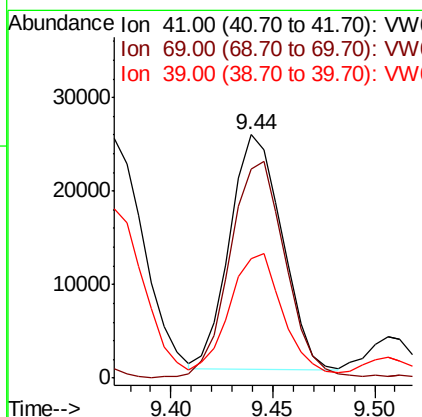
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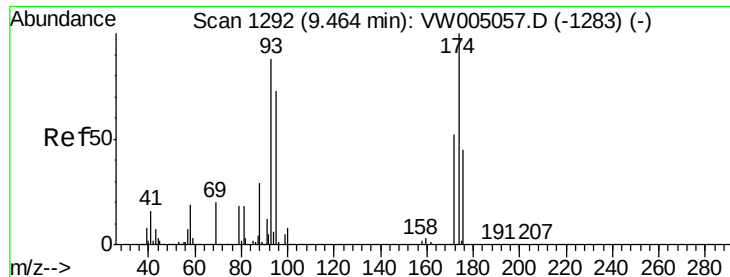
apatel  
9/5/2018 10:02:56 AM



#48  
Methyl methacrylate  
Concen: 21.39 ug/l  
RT: 9.44 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion   | 41   | Resp  | 44674 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 97.4 | 80.4  | 120.6 |
| 39        | 55.5 | 43.5  | 65.3  |





#49

1,4-Dioxane

Concen: 438.50 ug/l

RT: 9.46 min Scan# 1291

Delta R.T. -0.01 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

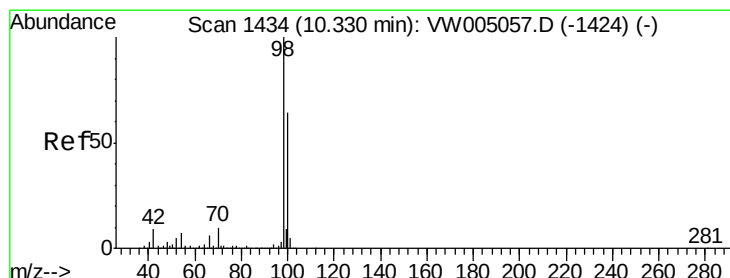
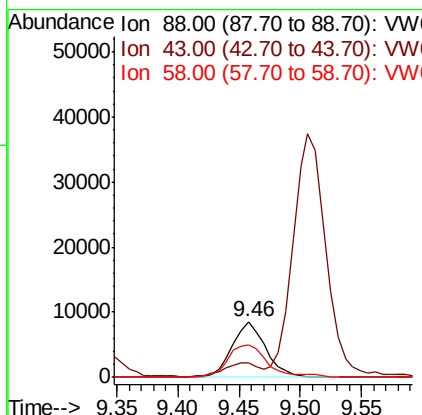
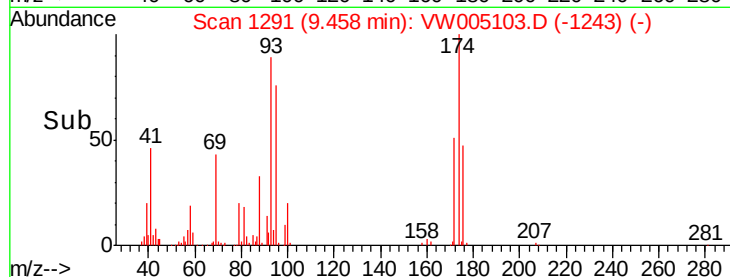
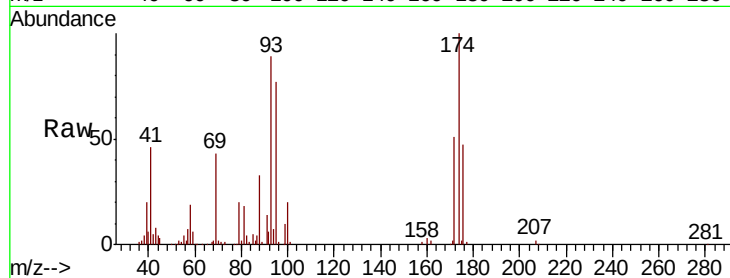
ClientSampled :

VW0904SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 16164 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 25.9  | 19.8  | 29.6  |
| 58       | 69.6  | 57.1  | 85.7  |

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#50

Toluene-d8

Concen: 49.48 ug/l

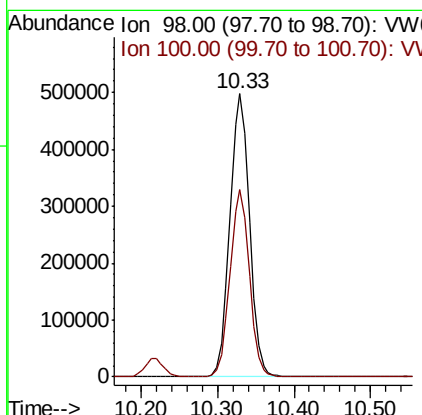
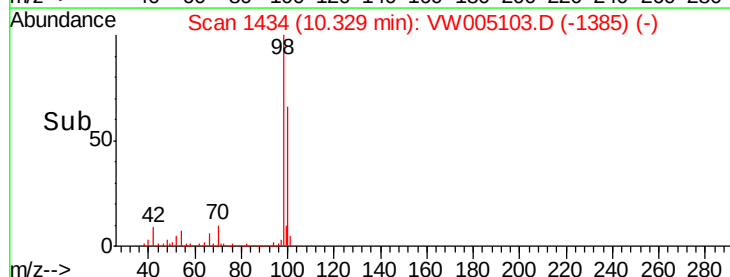
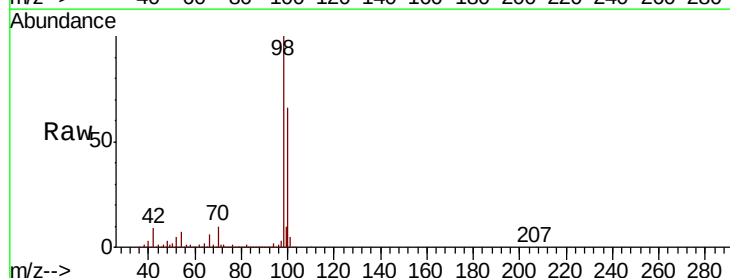
RT: 10.33 min Scan# 1434

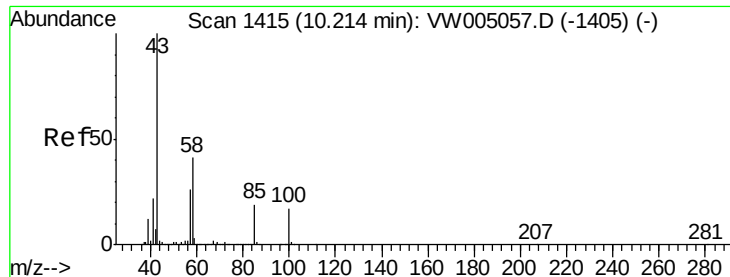
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 881858 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.3  | 51.7  | 77.5   |





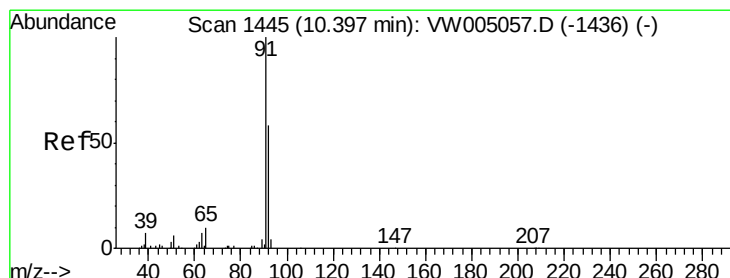
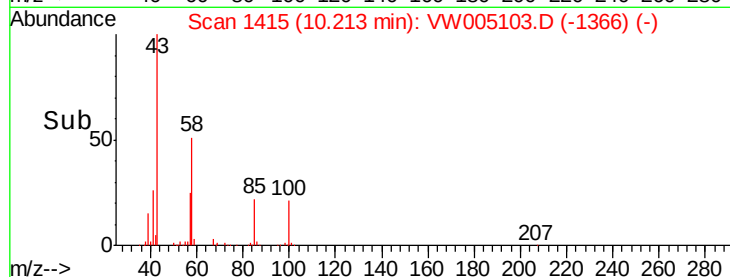
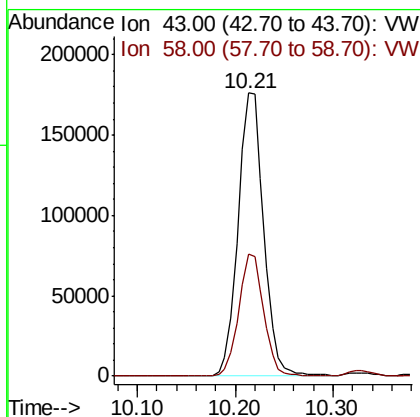
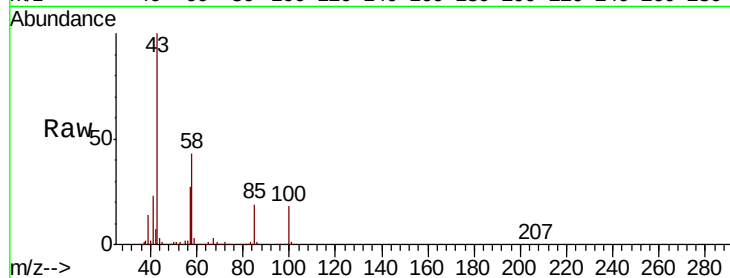
#51  
 4-Methyl-2-Pentanone  
 Concen: 110.43 ug/l  
 RT: 10.21 min Scan# 1415  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 42.0  | 33.3  | 49.9  |

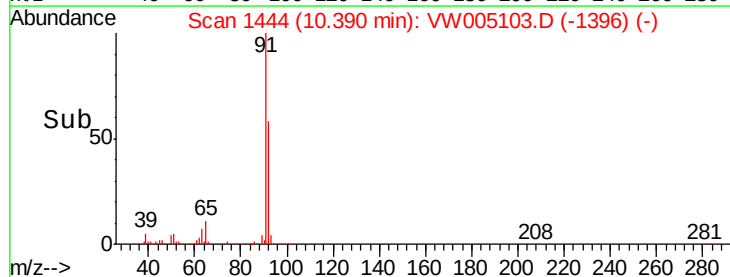
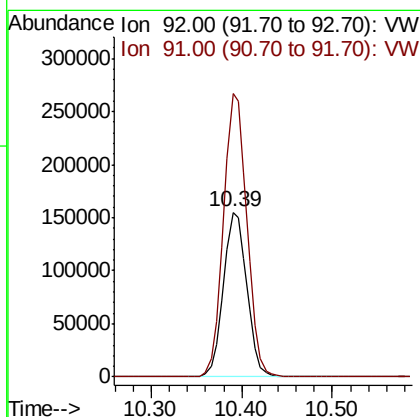
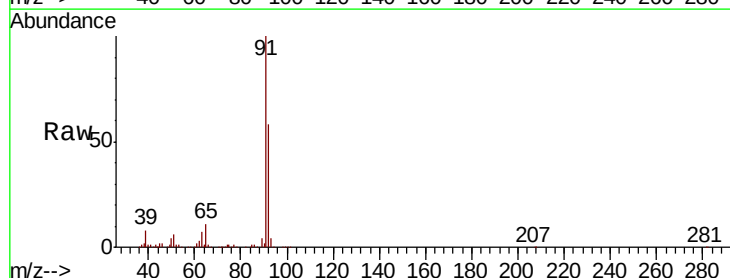
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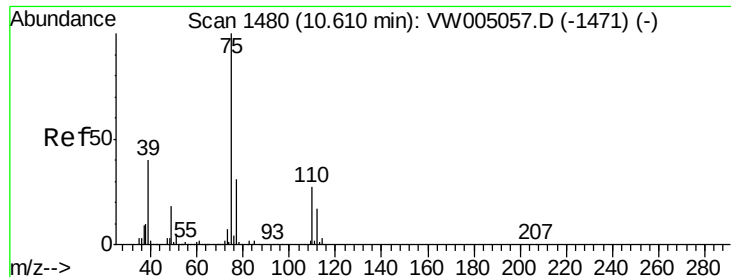
apatel  
 9/5/2018 10:02:56 AM



#52  
 Toluene  
 Concen: 21.00 ug/l  
 RT: 10.39 min Scan# 1444  
 Delta R.T. -0.01 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 172.6 | 139.2 | 208.8 |





#53

t-1,3-Dichloropropene

Concen: 21.29 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampled :

VW0904SBS02

Tot Ion: 75 Resp: 120090

Ion Ratio Lower Upper

75 100

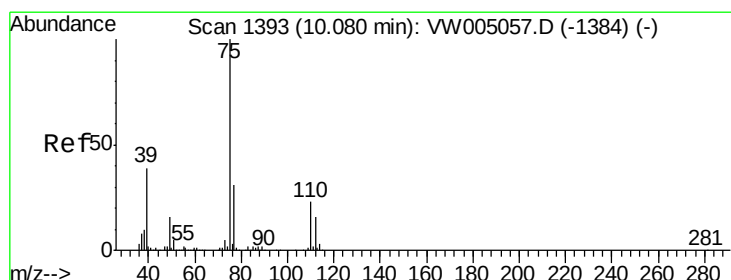
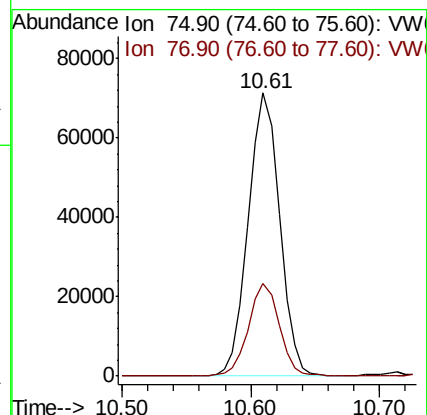
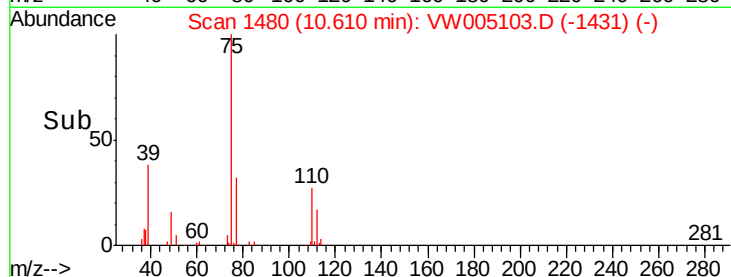
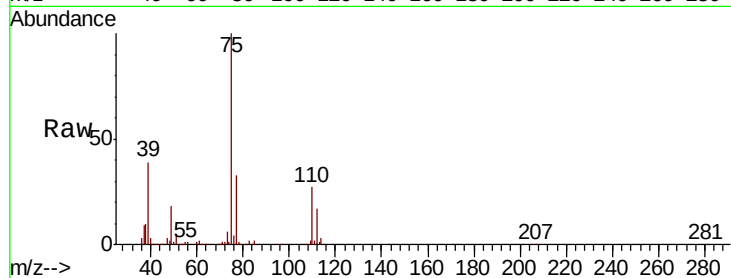
77 32.5 25.0 37.6

Manual Integrations

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apatel

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#54

cis-1,3-Dichloropropene

Concen: 21.23 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

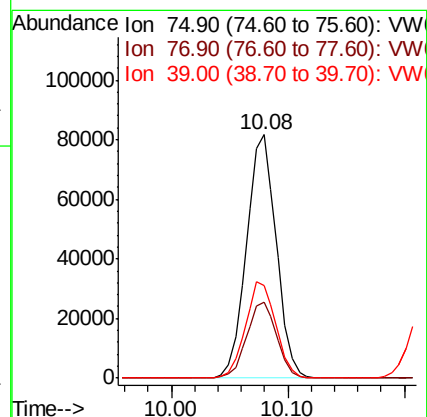
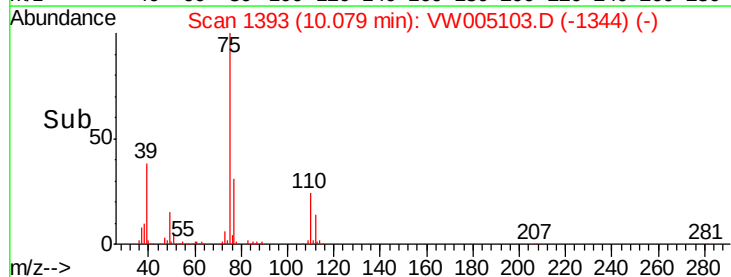
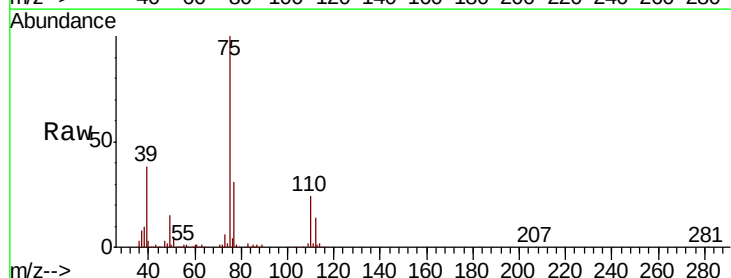
Tgt Ion: 75 Resp: 145591

Ion Ratio Lower Upper

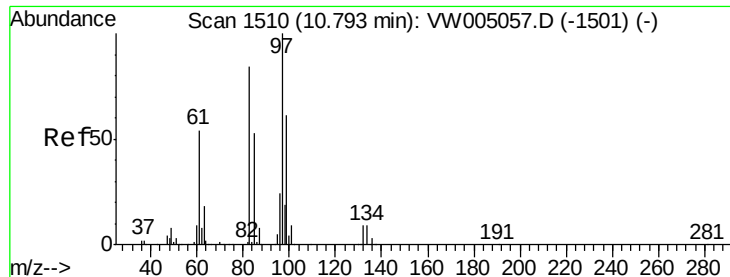
75 100

77 31.1 24.9 37.3

39 38.0 31.0 46.6







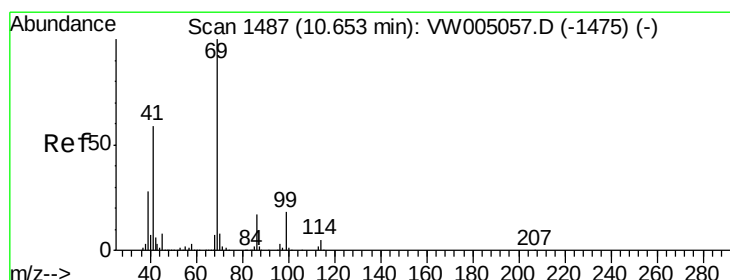
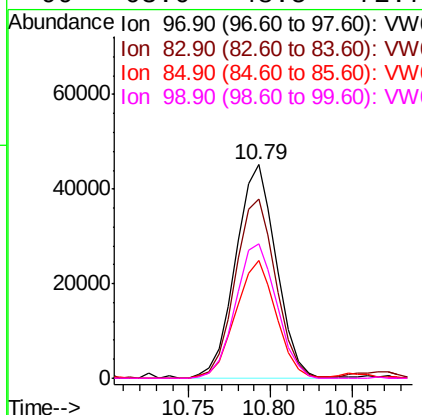
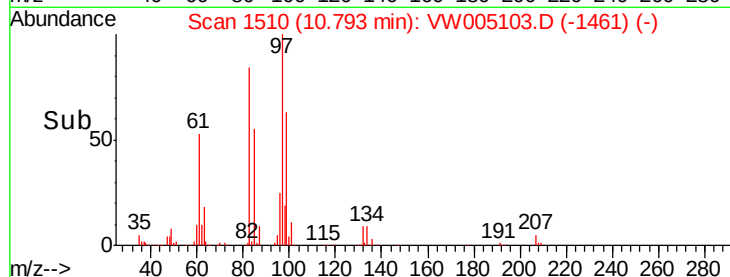
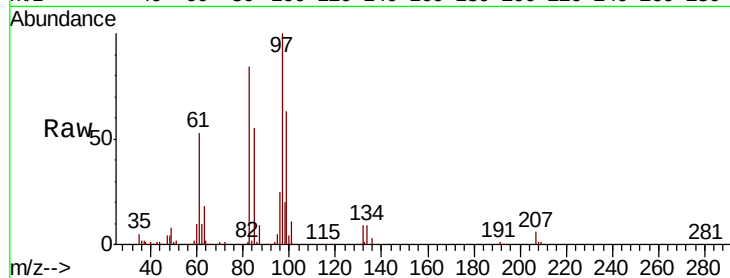
#55  
 1,1,2-Trichloroethane  
 Concen: 22.22 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 78426 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.9  | 67.0  | 100.6 |
| 85       | 55.0  | 42.3  | 63.5  |
| 99       | 63.0  | 48.5  | 72.7  |

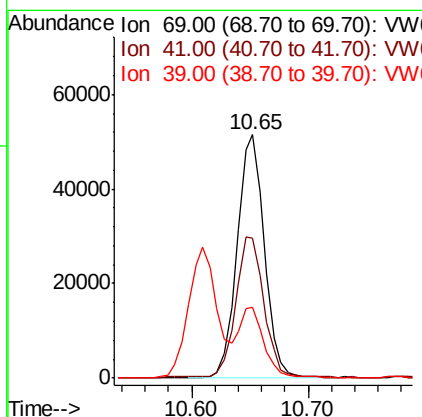
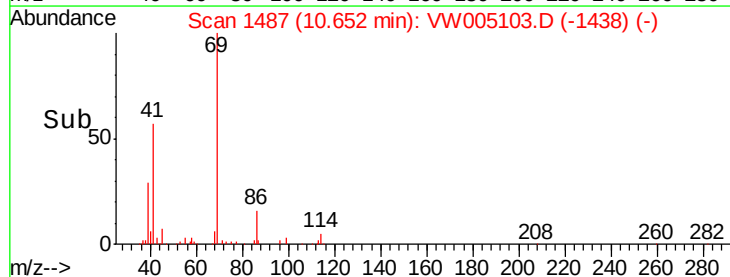
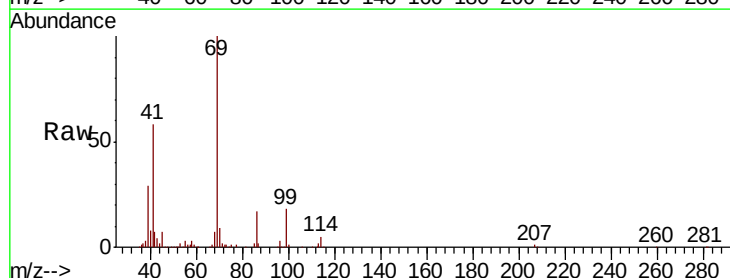
Manual Integrations  
 APPROVED

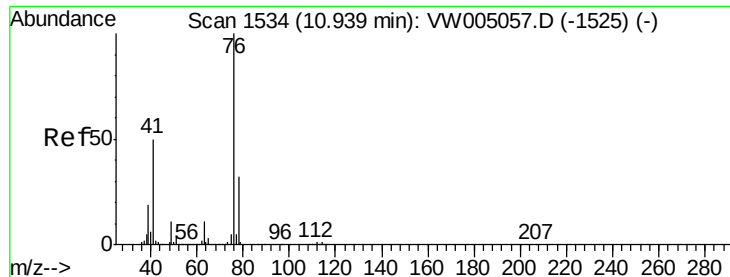
apatel  
 9/5/2018 10:02:56 AM



#56  
 Ethyl methacrylate  
 Concen: 20.84 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 83927 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.1  | 47.8  | 71.6  |
| 39       | 26.6  | 21.1  | 31.7  |





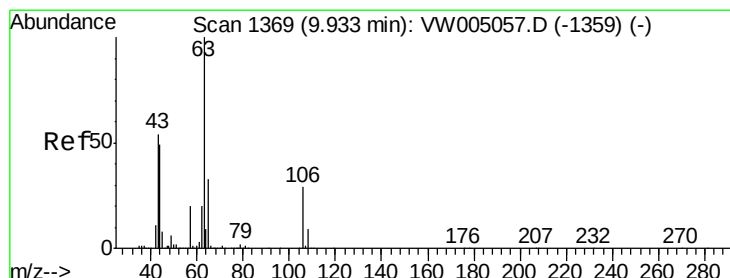
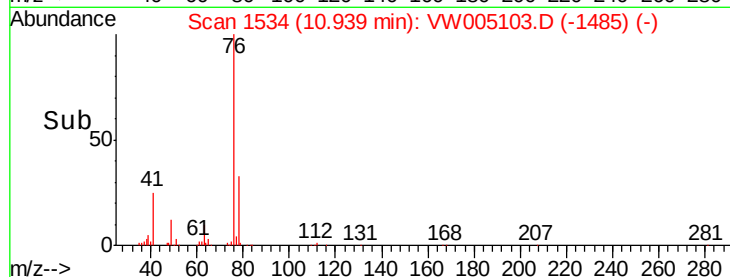
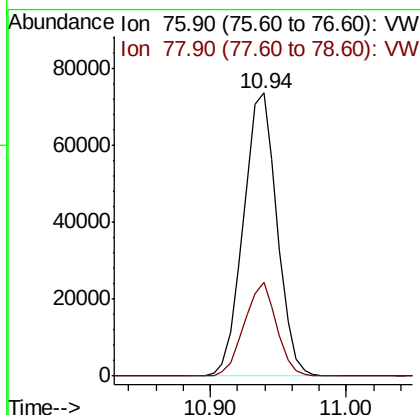
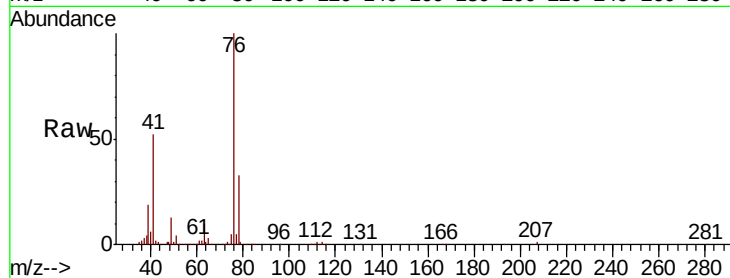
#57  
 1,3-Dichloropropane  
 Concen: 21.98 ug/l  
 RT: 10.94 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.9  | 26.3  | 39.5  |

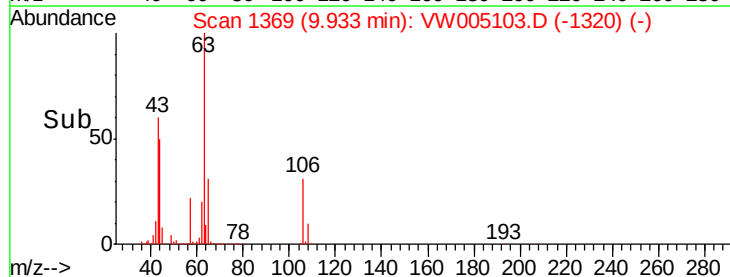
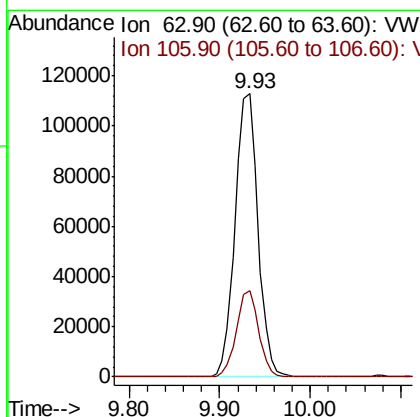
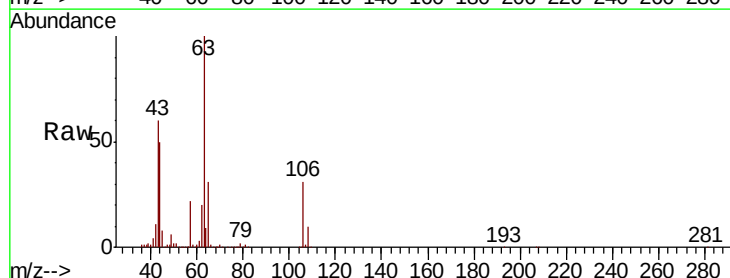
Manual Integrations  
 APPROVED

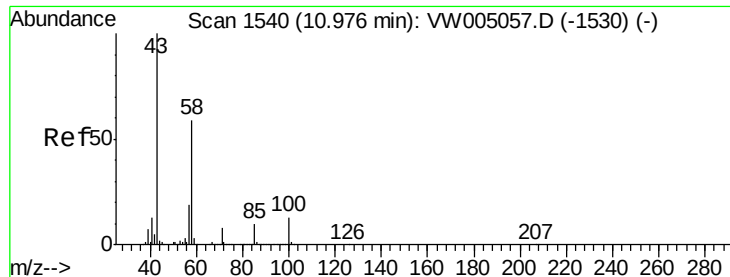
apatel  
 9/5/2018 10:02:56 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 104.09 ug/l  
 RT: 9.93 min Scan# 1369  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 29.6  | 23.1  | 34.7  |





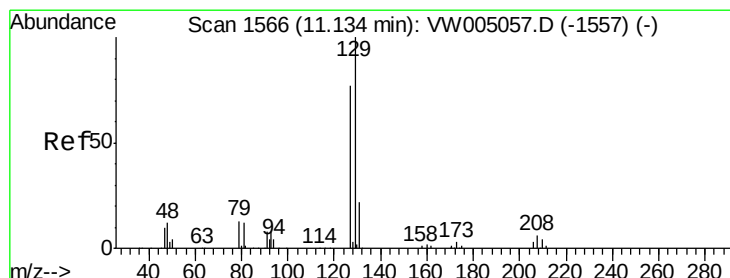
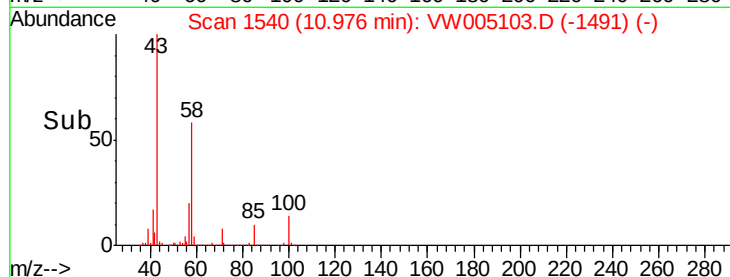
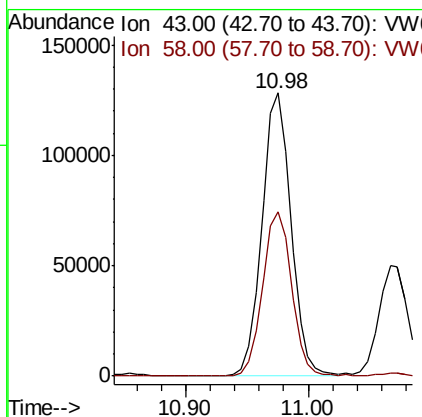
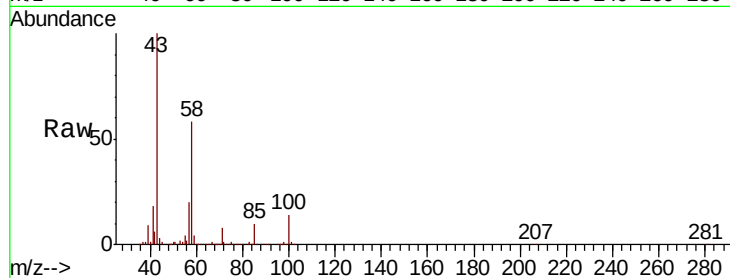
#59  
2-Hexanone  
Concen: 108.32 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 58.0  | 28.7  | 86.3  |

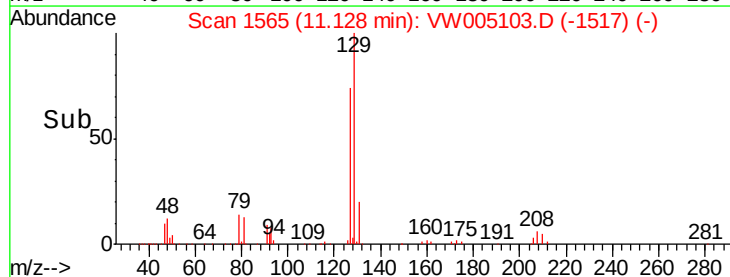
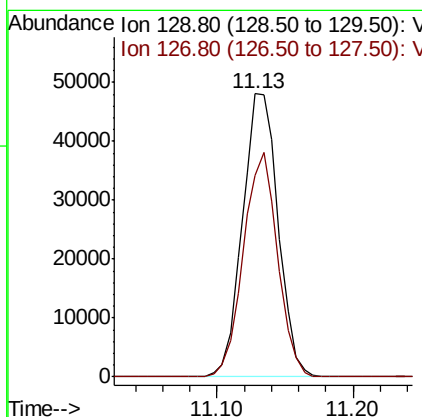
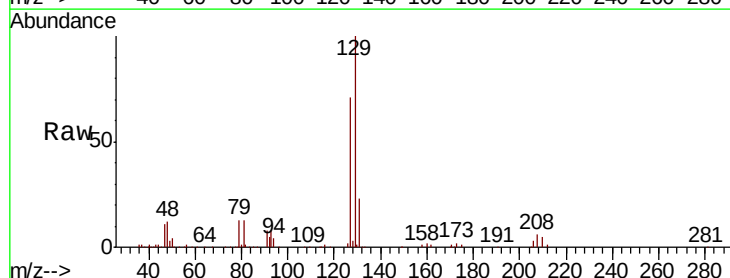
Manual Integrations  
APPROVED

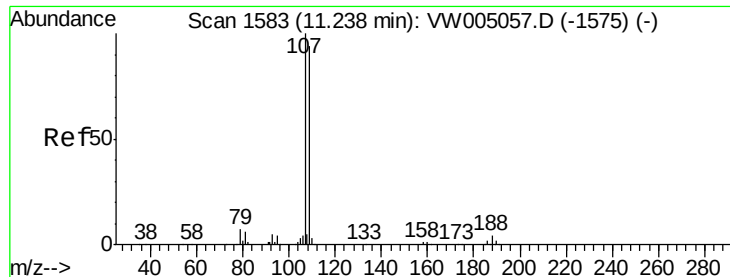
apatel  
9/5/2018 10:02:56 AM



#60  
Dibromochloromethane  
Concen: 22.10 ug/l  
RT: 11.13 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.0  | 38.9  | 116.7 |





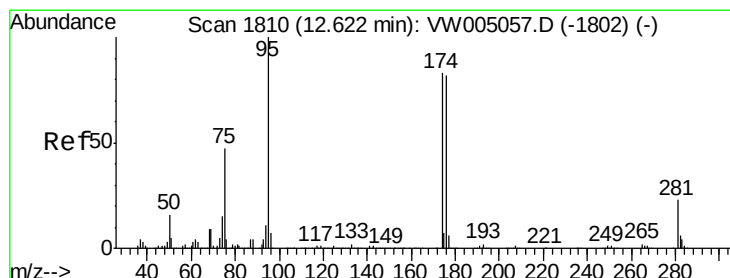
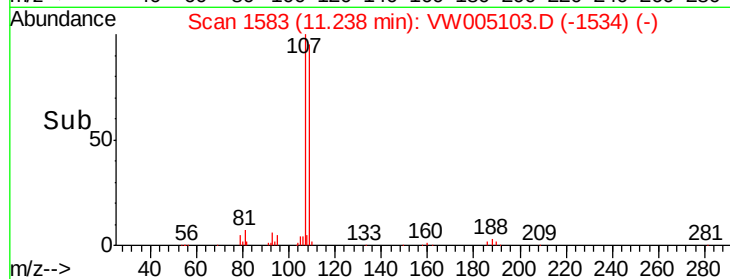
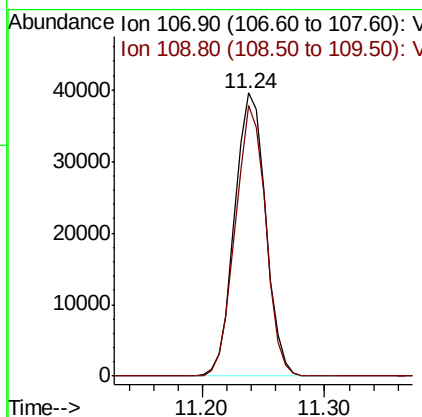
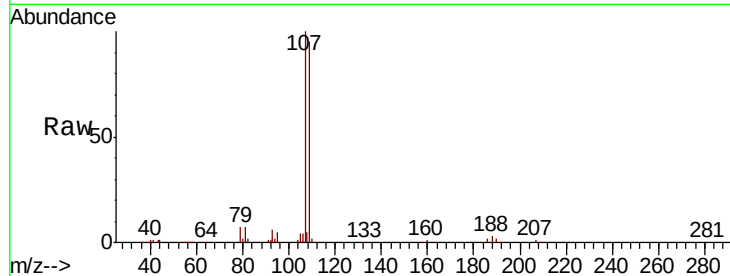
#61  
 1,2-Dibromoethane  
 Concen: 21.87 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

Tot Ion: 107 Resp: 69670  
 Ion Ratio Lower Upper  
 107 100  
 109 93.4 75.9 113.9

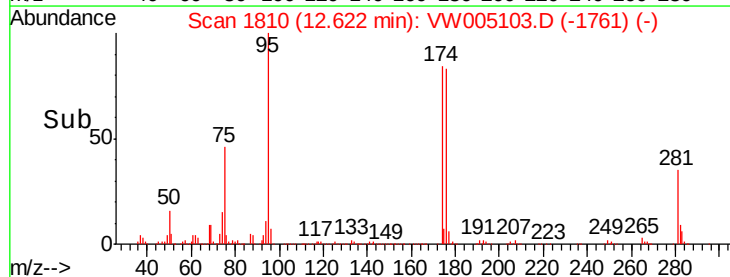
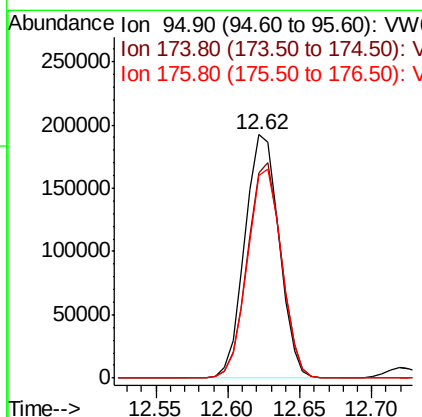
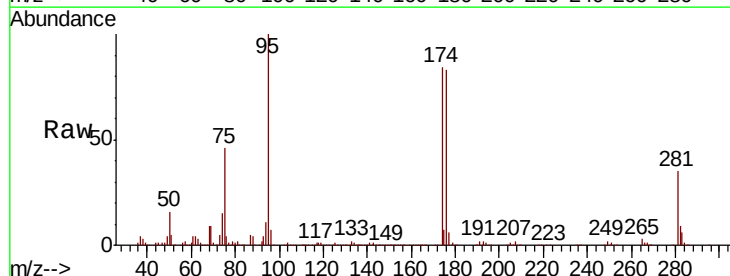
Manual Integrations  
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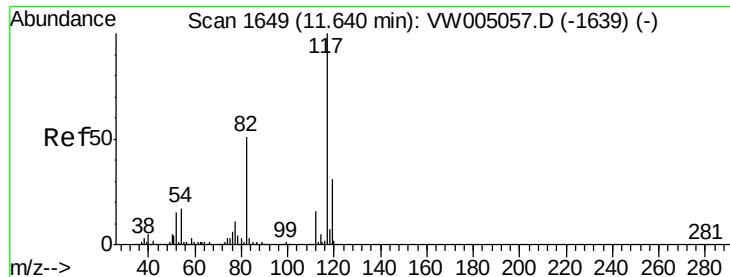
apatel  
 9/5/2018 10:02:56 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.51 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Tgt Ion: 95 Resp: 317413  
 Ion Ratio Lower Upper  
 95 100  
 174 87.2 0.0 173.4  
 176 85.7 0.0 167.4





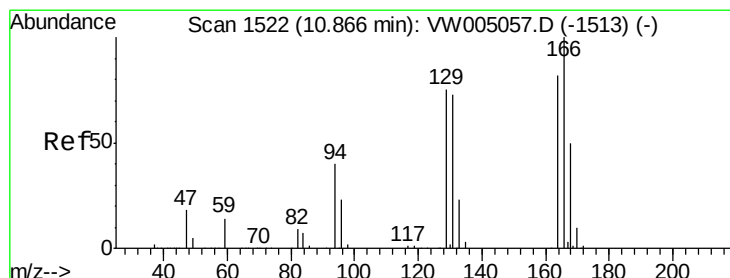
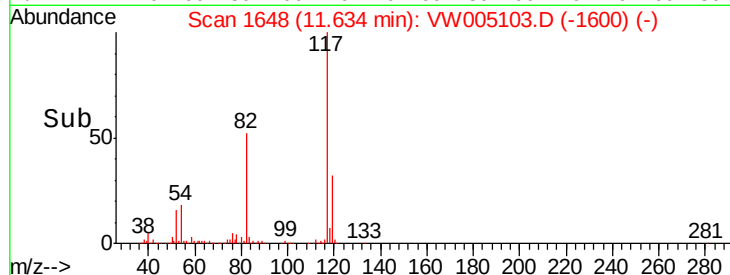
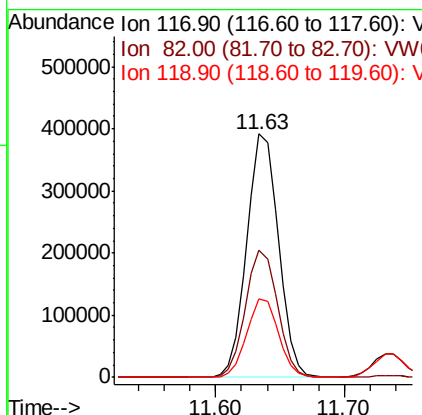
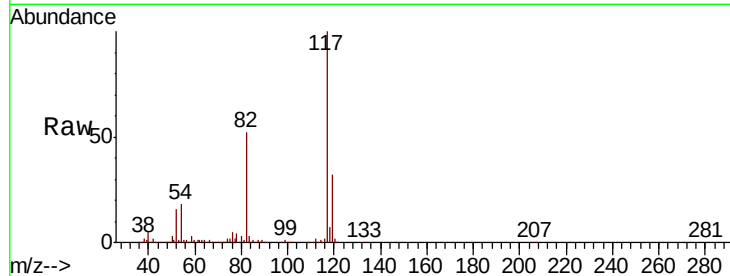
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 664512 |       |       |
| 82      | 52.1  |        | 40.9  | 61.3  |
| 119     | 32.1  |        | 24.9  | 37.3  |

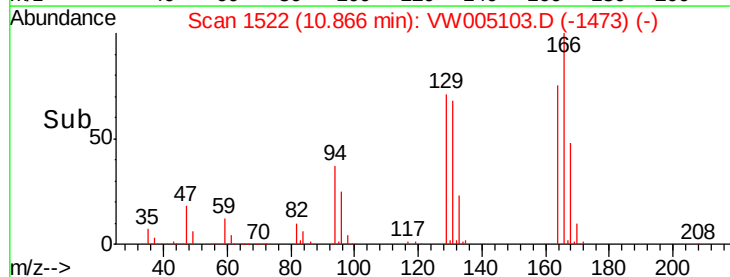
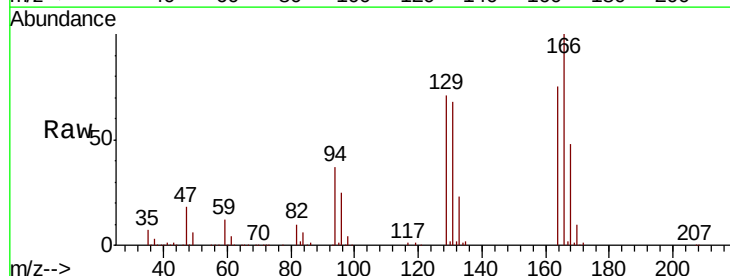
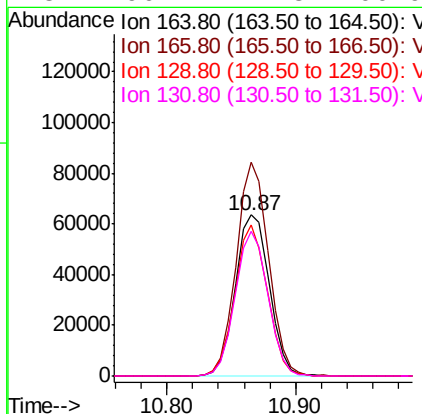
Manual Integrations  
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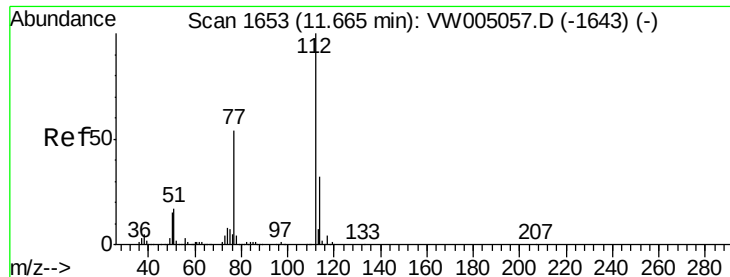
apatel  
9/5/2018 10:02:56 AM



#64  
Tetrachloroethene  
Concen: 22.20 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 115749 |       |       |
| 166     | 132.7 |        | 97.3  | 145.9 |
| 129     | 94.1  |        | 73.1  | 109.7 |
| 131     | 90.1  |        | 71.3  | 106.9 |





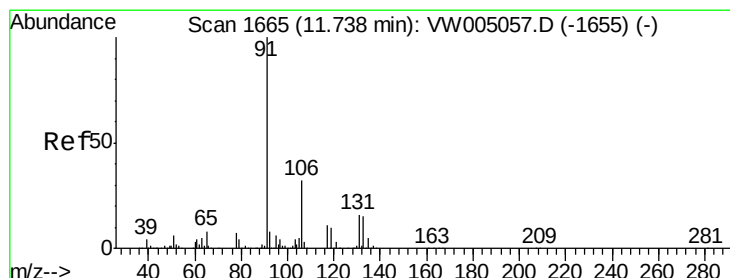
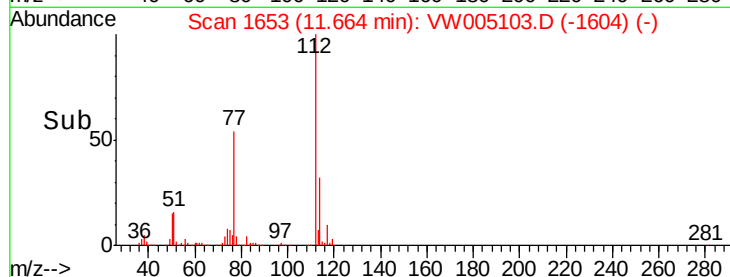
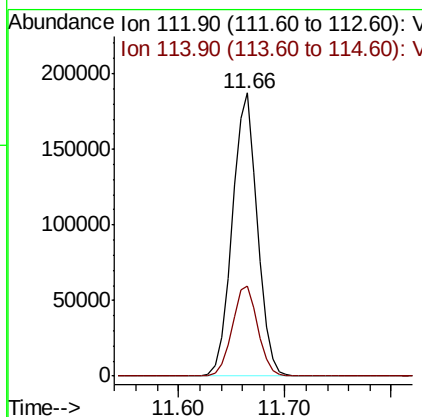
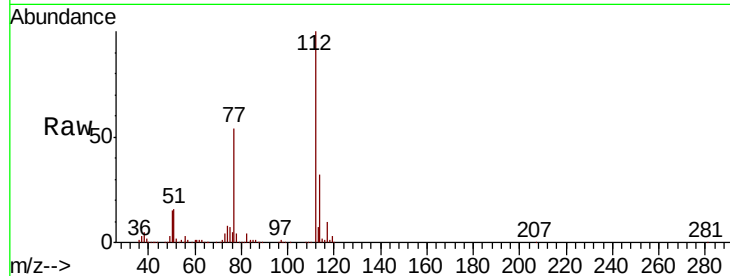
#65  
Chlorobenzene  
Concen: 20.61 ug/l  
RT: 11.66 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

Tot Ion:112 Resp: 308280  
Ion Ratio Lower Upper  
112 100  
114 32.0 26.0 39.0

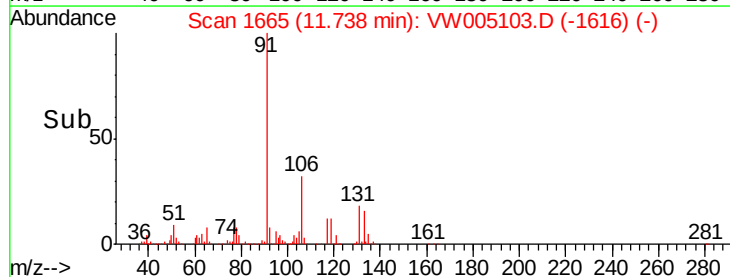
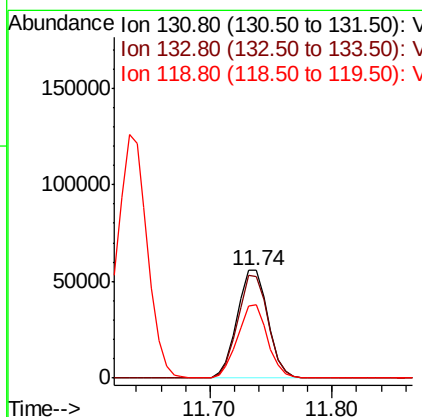
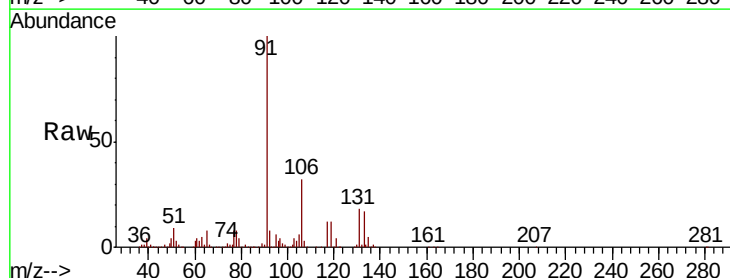
Manual Integrations  
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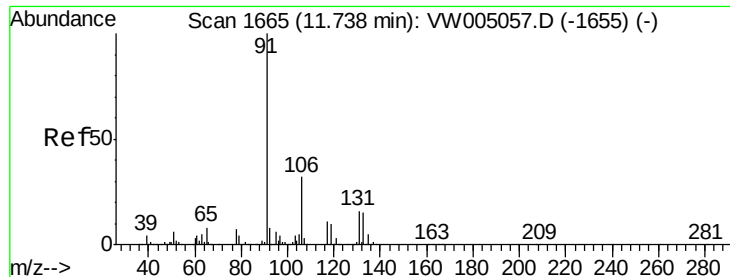
apatel  
9/5/2018 10:02:56 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.35 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Tgt Ion:131 Resp: 97579  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.4 142.3  
119 66.7 33.4 100.1





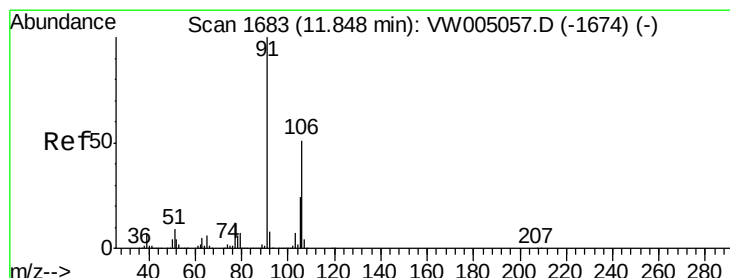
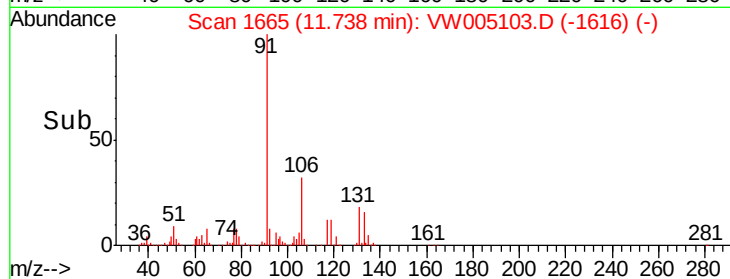
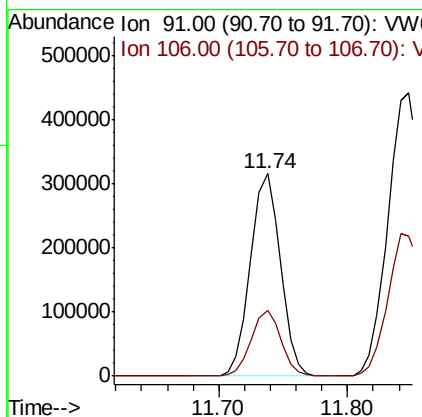
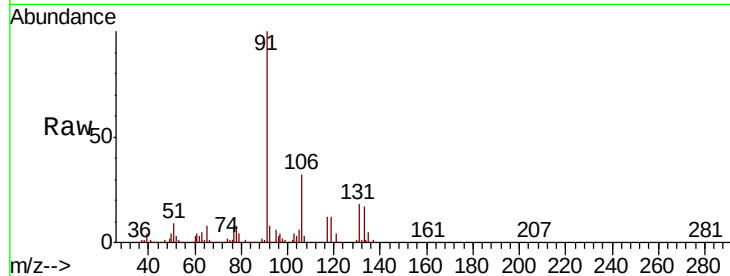
#67  
Ethyl Benzene  
Concen: 20.10 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

Tot Ion: 91 Resp: 508263  
Ion Ratio Lower Upper  
91 100  
106 32.4 25.3 37.9

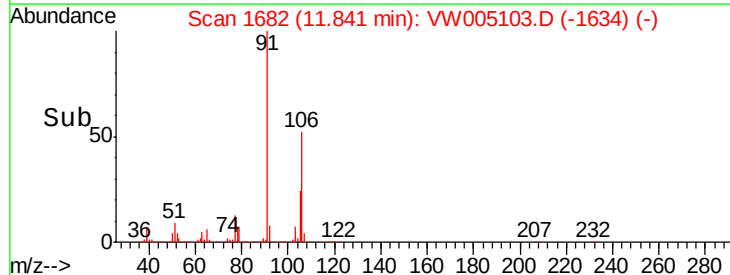
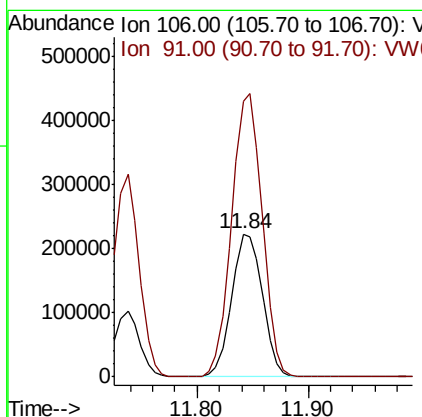
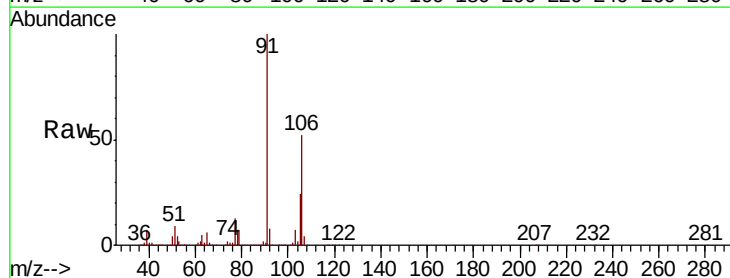
Manual Integrations  
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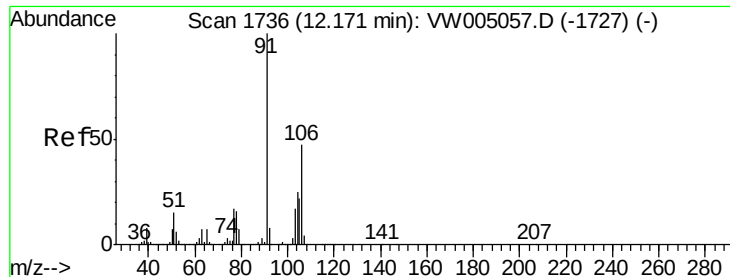
apatel  
9/5/2018 10:02:56 AM



#68  
m/p-Xylenes  
Concen: 41.98 ug/l  
RT: 11.84 min Scan# 1682  
Delta R.T. -0.01 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Tgt Ion: 106 Resp: 425121  
Ion Ratio Lower Upper  
106 100  
91 196.8 158.4 237.6





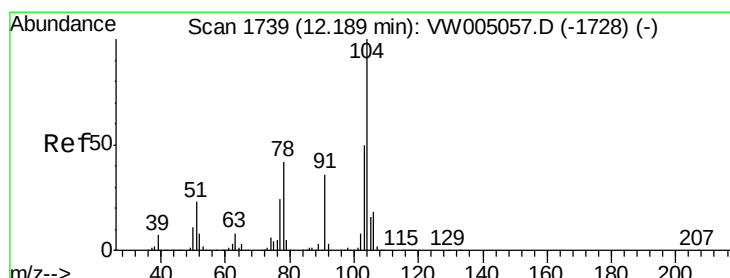
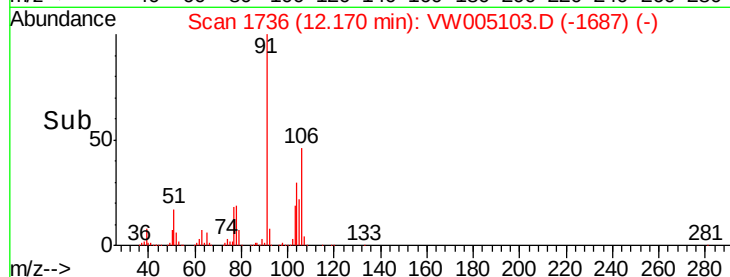
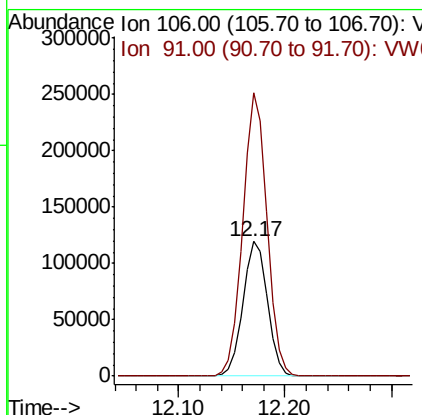
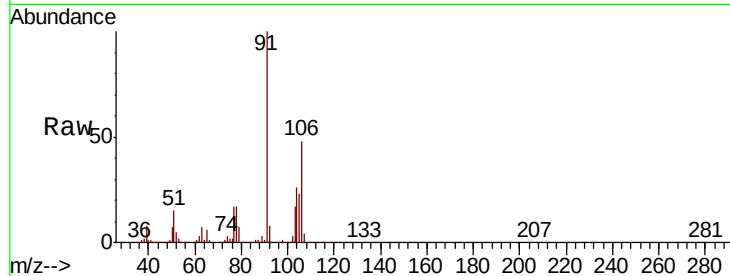
#69  
o-Xylene  
Concen: 20.65 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 207.6 | 105.6 | 316.8 |

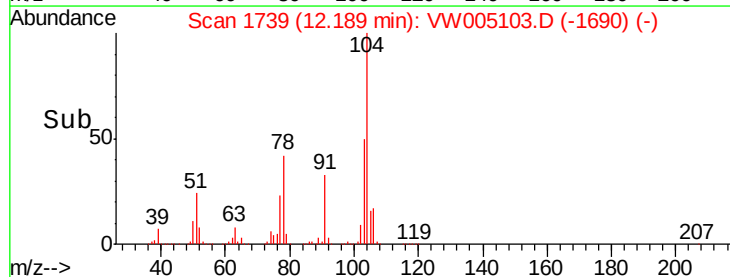
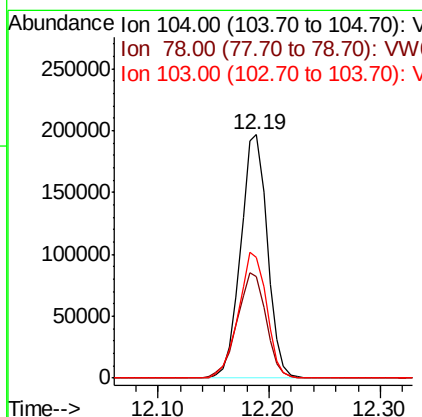
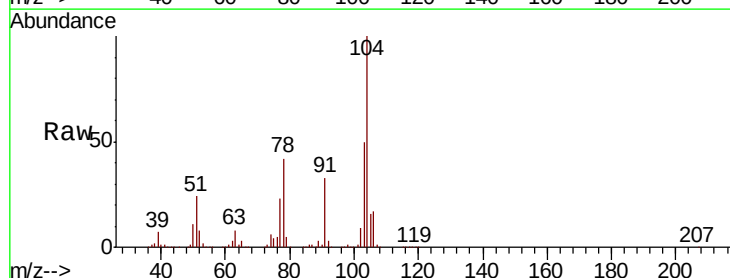
Manual Integrations  
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apatel  
9/5/2018 10:02:56 AM

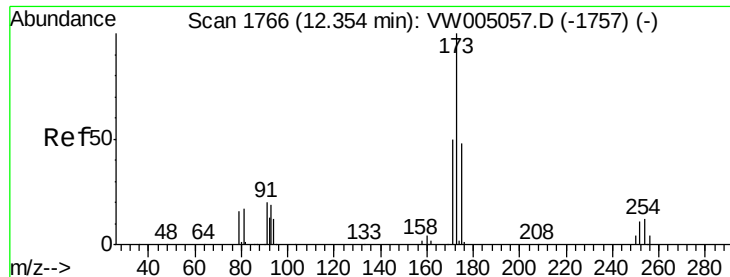


#70  
Styrene  
Concen: 21.10 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 46.8  | 37.8  | 56.6  |
| 103     | 55.0  | 44.1  | 66.1  |







#71

Bromoform

Concen: 22.63 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampleId :

VW0904SBS02

Tot Ion:173 Resp: 54825

Ion Ratio Lower Upper

173 100

175 48.3 24.1 72.2

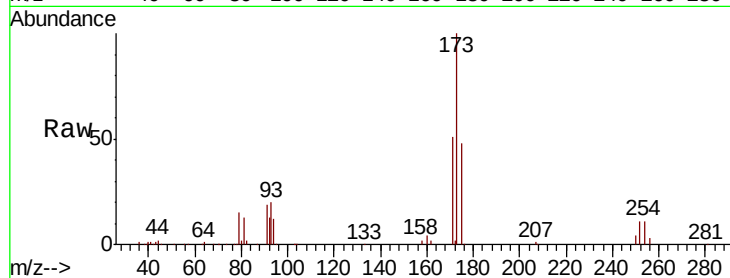
254 0.0 0.2 0.2#

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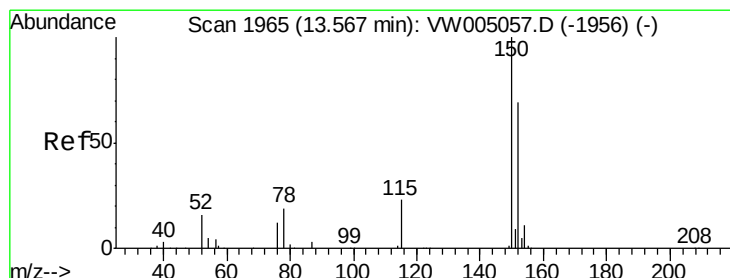
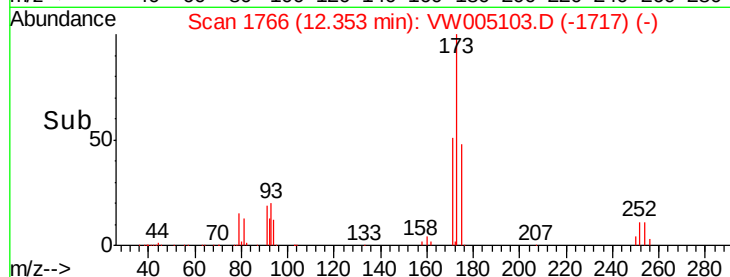
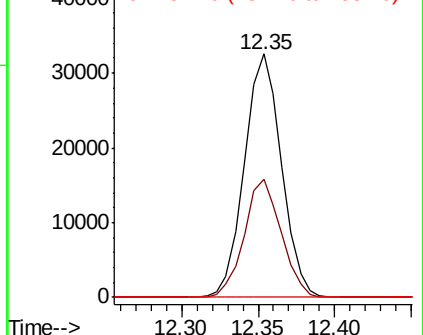
9/5/2018 10:02:56 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

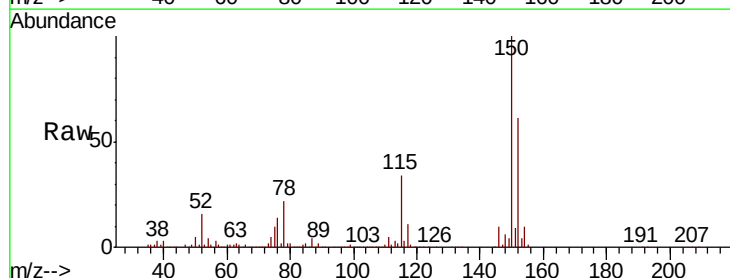
Tgt Ion:152 Resp: 364095

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

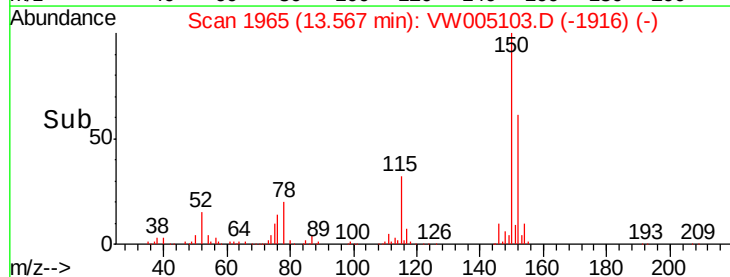
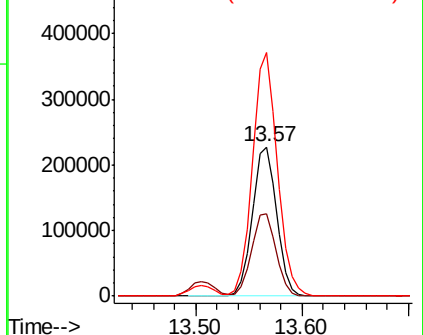
150 166.6 0.0 351.4

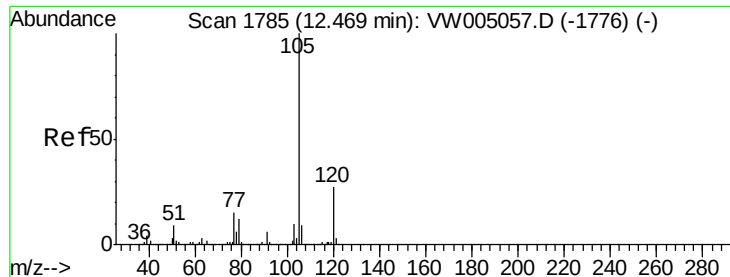


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.06 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampleId :

VW0904SBS02

Tot Ion: 105 Resp: 514957

Ion Ratio Lower Upper

105 100

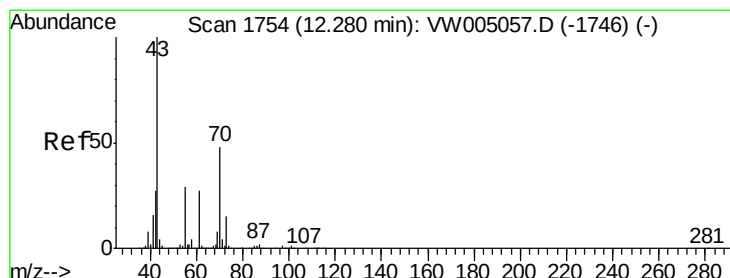
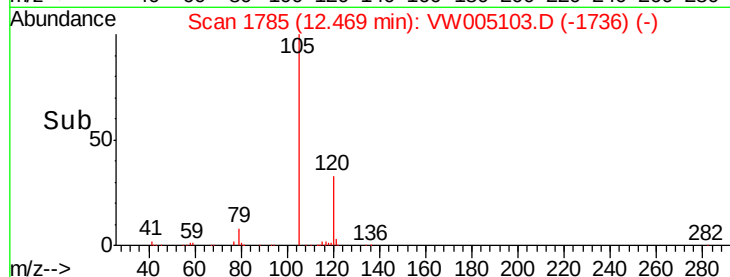
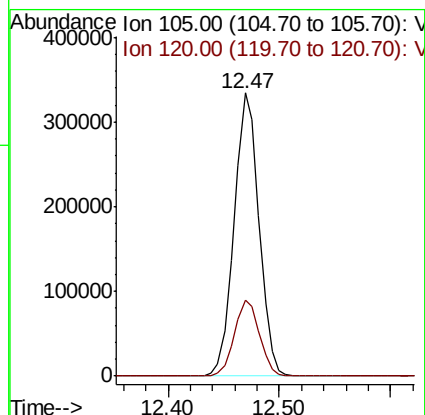
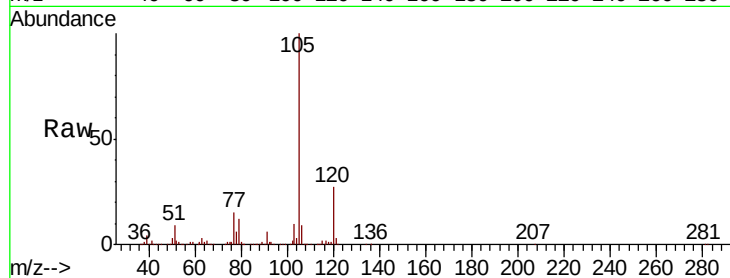
120 26.9 13.4 40.1

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#74

N-ethyl acetate

Concen: 20.41 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Tgt Ion: 43 Resp: 90222

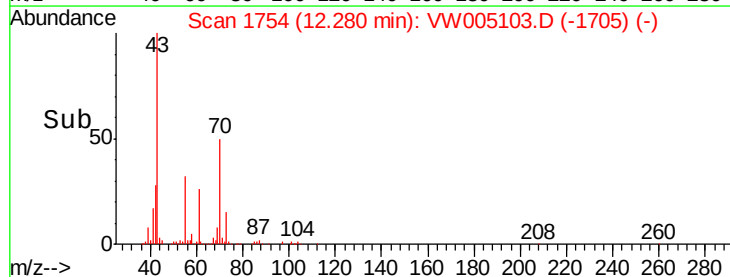
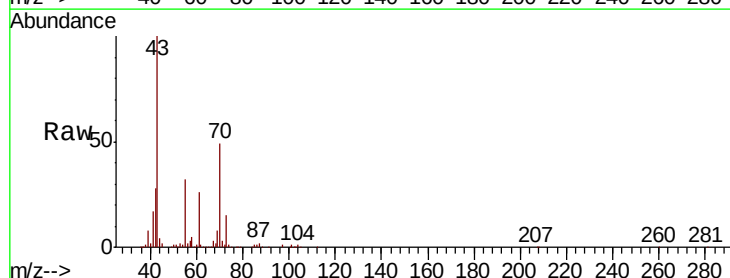
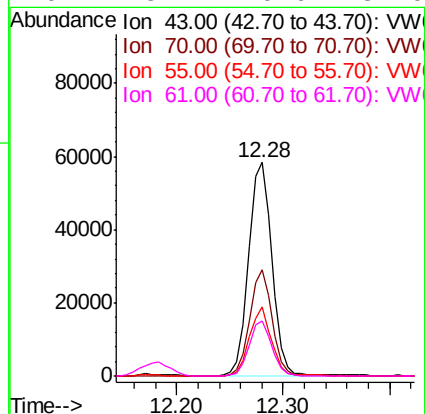
Ion Ratio Lower Upper

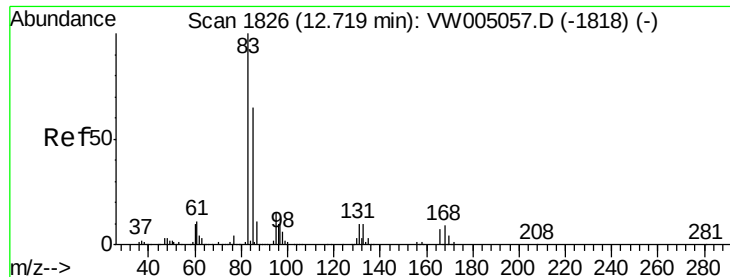
43 100

70 47.2 38.2 57.4

55 30.5 23.2 34.8

61 25.1 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.59 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

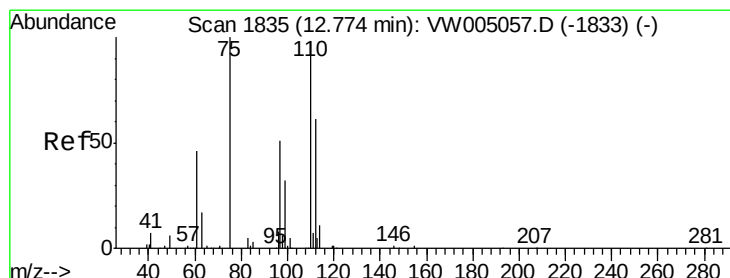
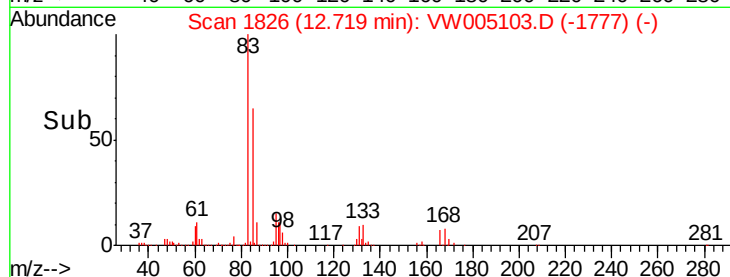
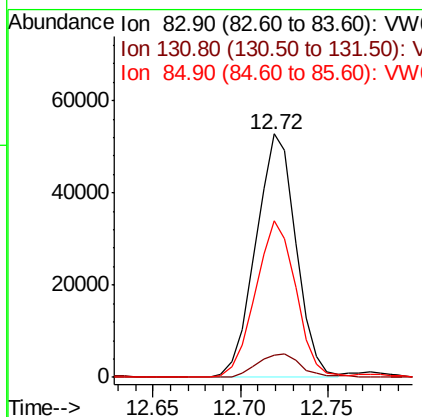
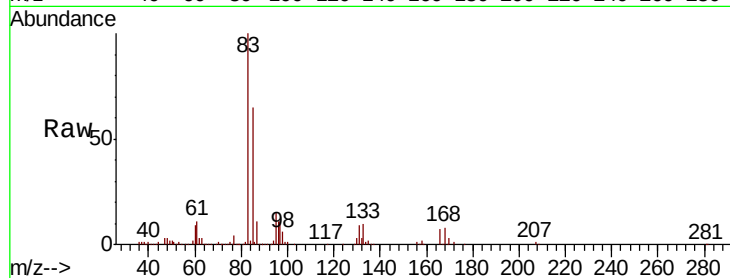
ClientSampled :

VW0904SBS02

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 84363 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.8  | 5.5   | 16.4  |
| 85        | 64.7  | 32.5  | 97.4  |

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#76

1,2,3-Trichloropropane

Concen: 20.06 ug/l m

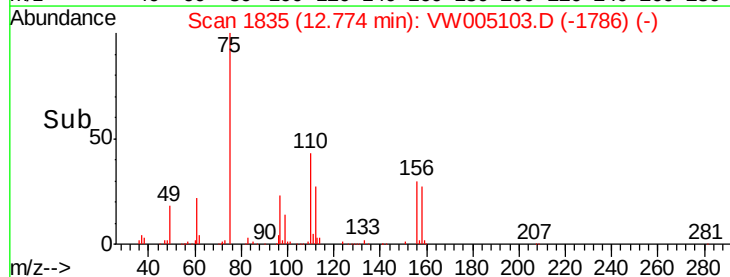
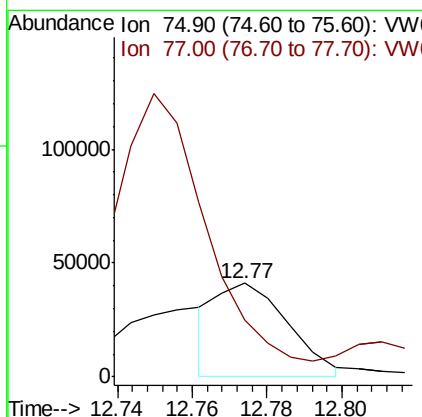
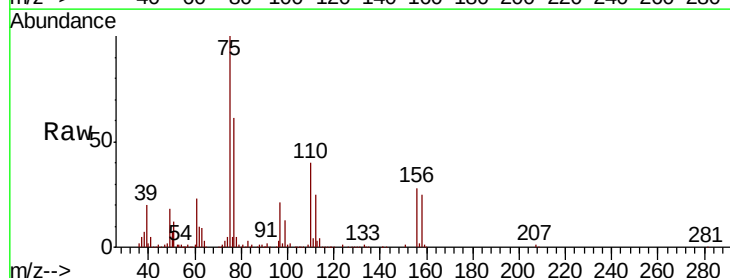
RT: 12.77 min Scan# 1835

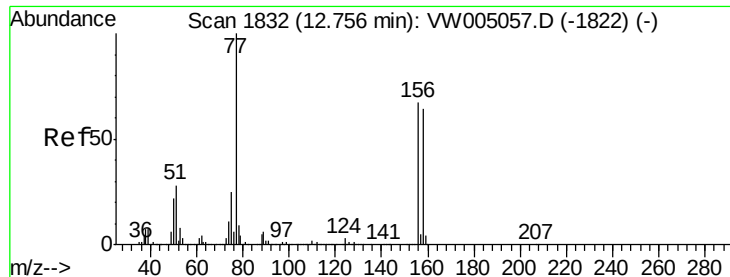
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 54810 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 20.64 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

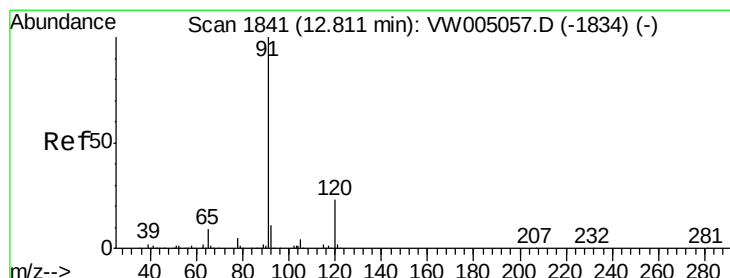
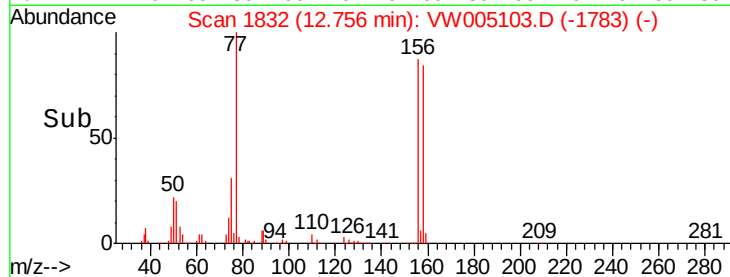
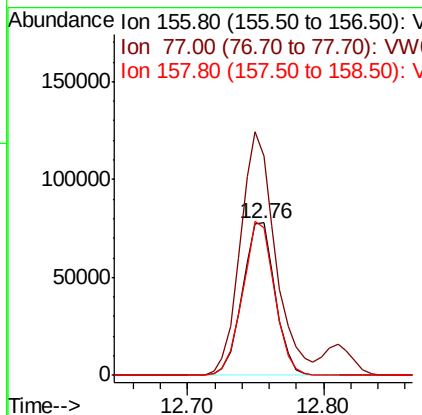
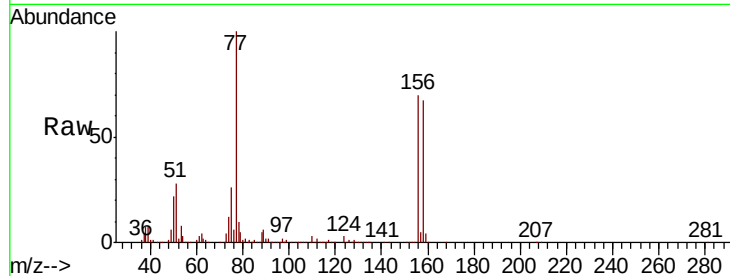
ClientSampled :

VW0904SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 130559 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 170.8 | 85.8  | 257.4  |
| 158       | 98.5  | 48.1  | 144.4  |

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#78

n-propylbenzene

Concen: 20.32 ug/l

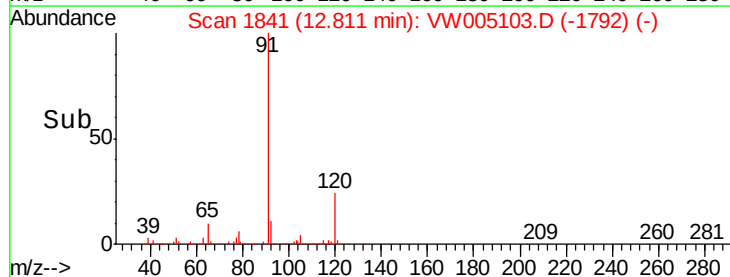
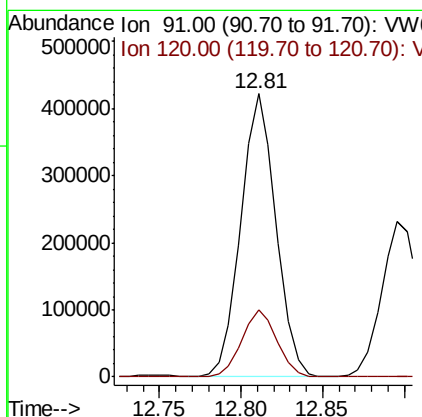
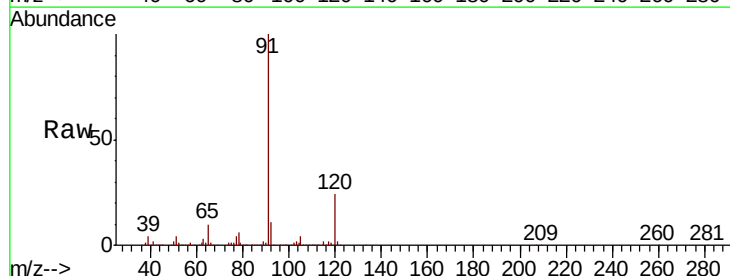
RT: 12.81 min Scan# 1841

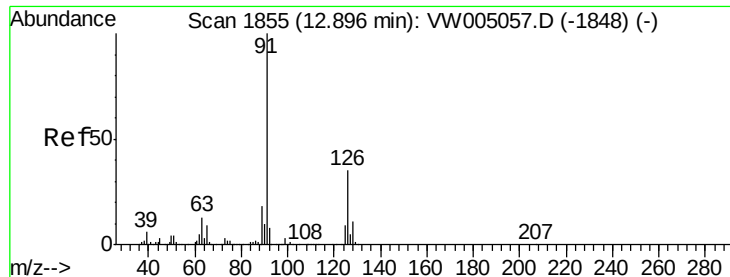
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 629685 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.7  | 11.8  | 35.3   |





#79

2-Chlorotoluene

Concen: 20.29 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

ClientSampled :

VW0904SBS02

Tot Ion: 91 Resp: 366805

Ion Ratio Lower Upper

91 100

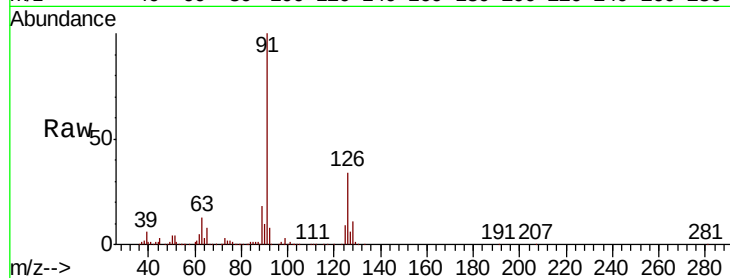
126 35.0 17.3 52.0

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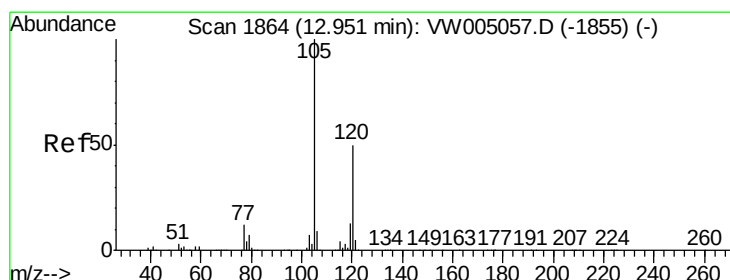
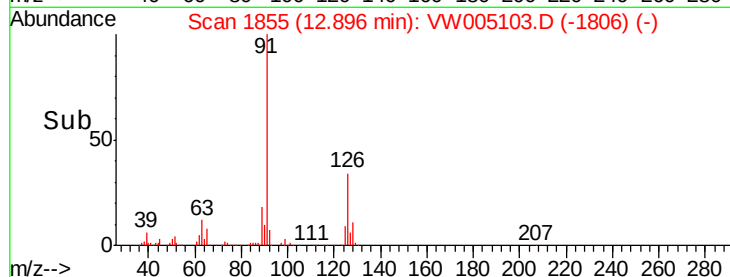
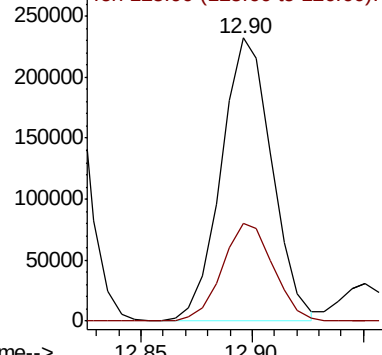
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.55 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW005103.D

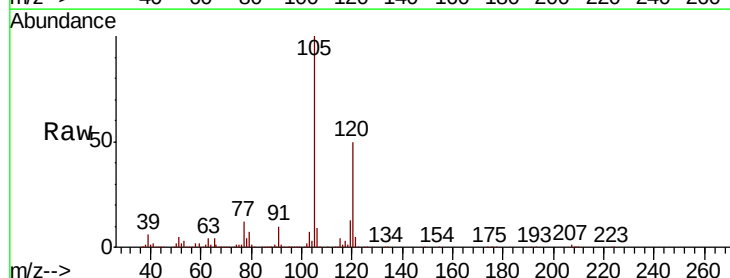
Acq: 05 Sep 2018 03:01

Tgt Ion: 105 Resp: 456302

Ion Ratio Lower Upper

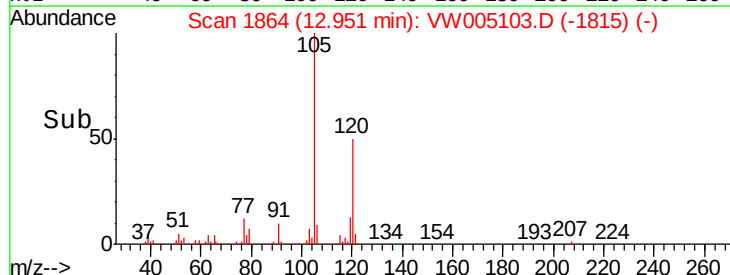
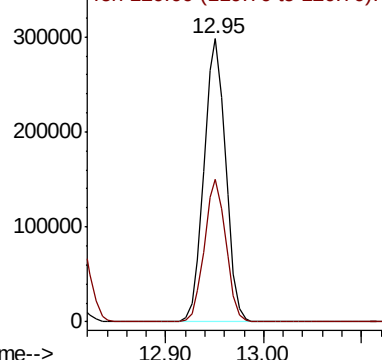
105 100

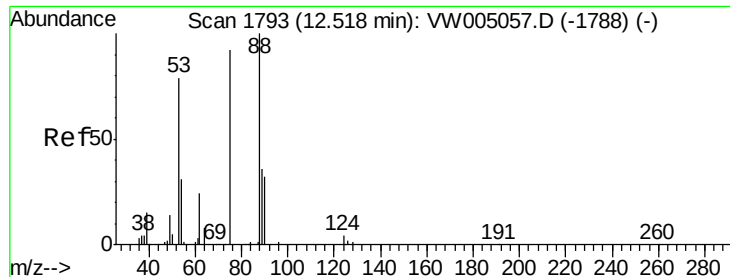
120 50.2 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





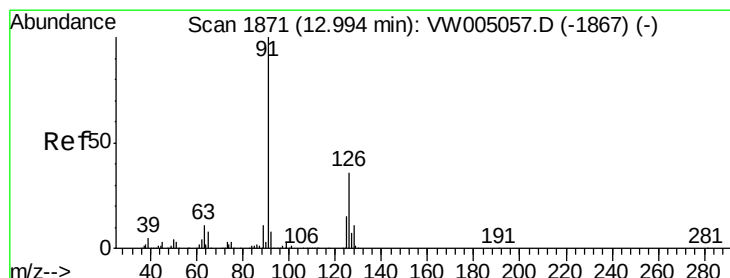
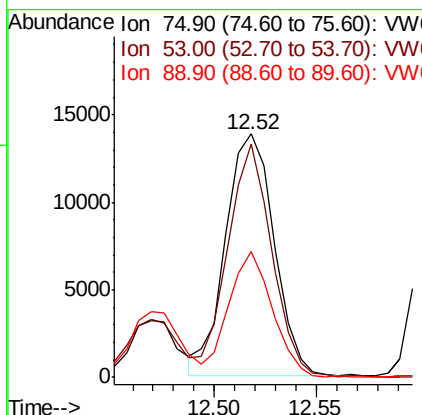
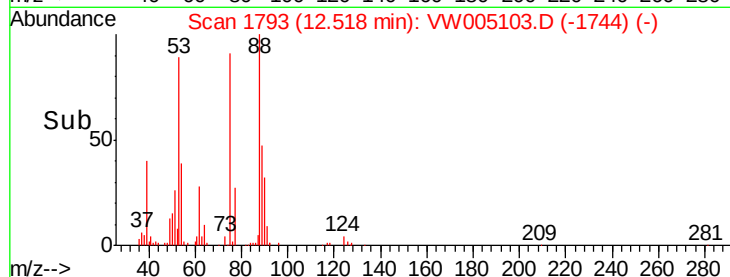
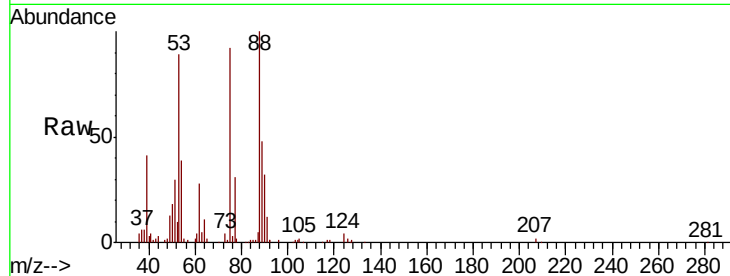
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.24 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampled :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.1  | 69.8  | 104.8 |
| 89      | 46.6  | 36.0  | 54.0  |

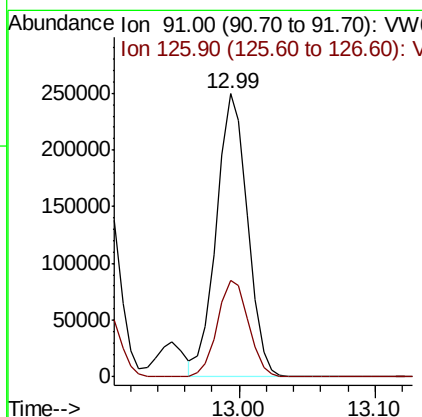
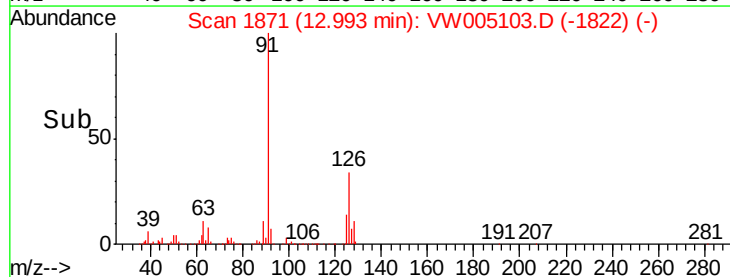
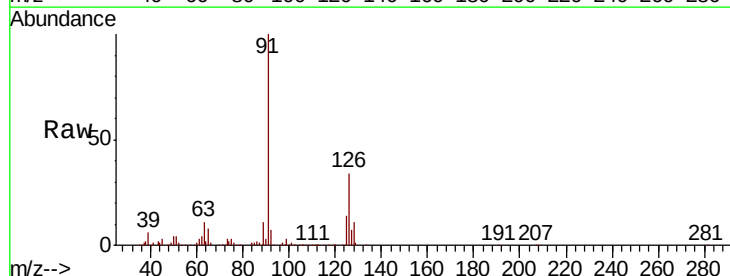
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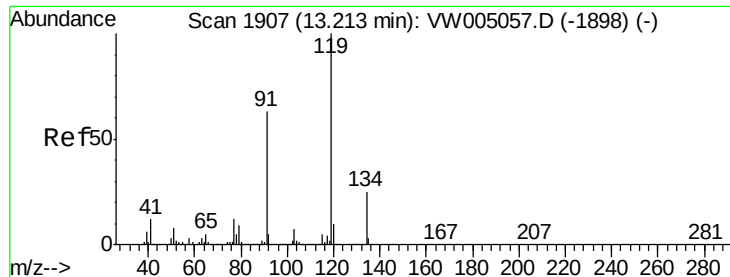
apatel  
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#82  
4-Chlorotoluene  
Concen: 20.71 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.3  | 17.4  | 52.3  |





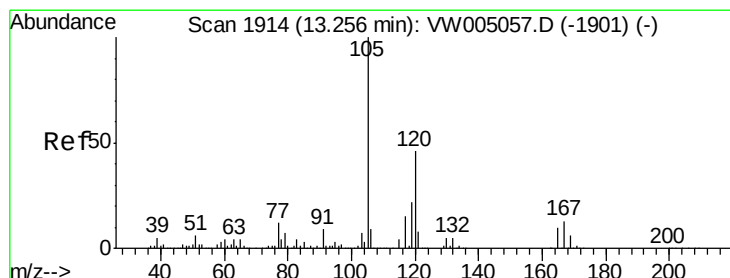
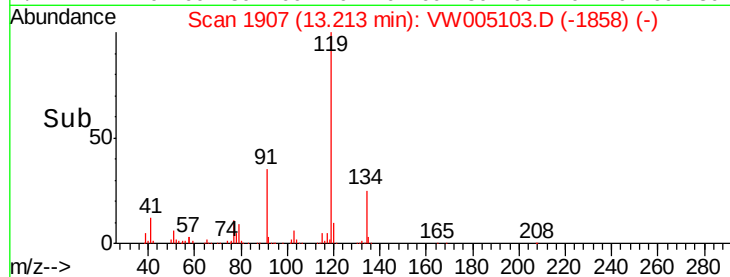
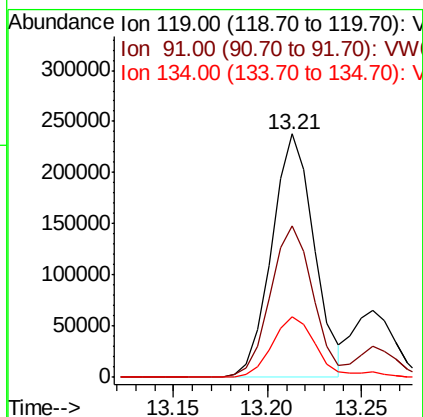
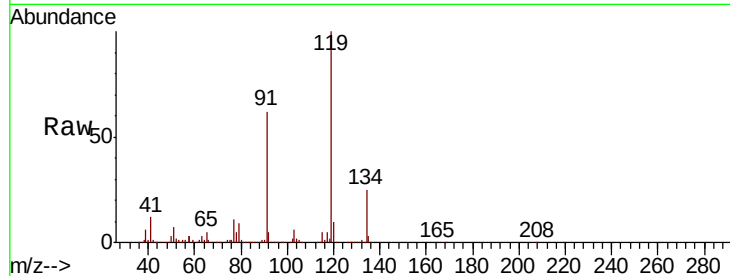
#83  
tert-Butylbenzene  
Concen: 20.01 ug/l  
RT: 13.21 min Scan# 1907  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.3  | 31.8  | 95.4  |
| 134     | 26.7  | 13.0  | 39.0  |

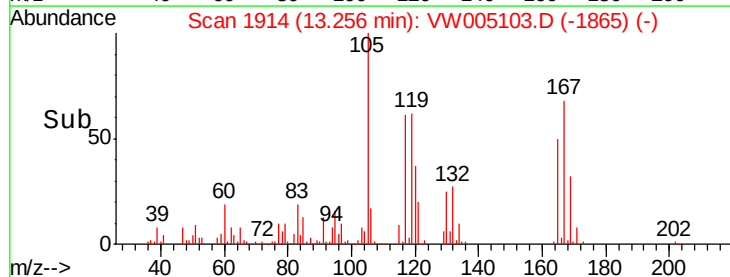
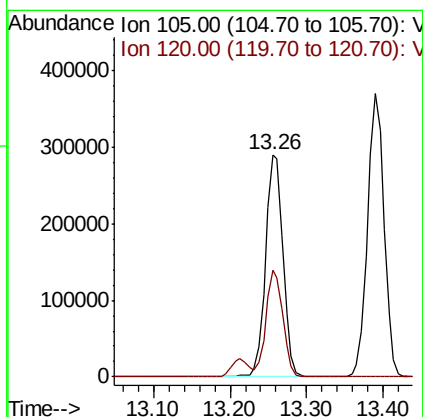
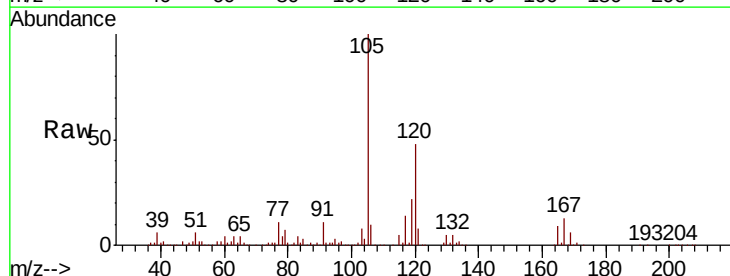
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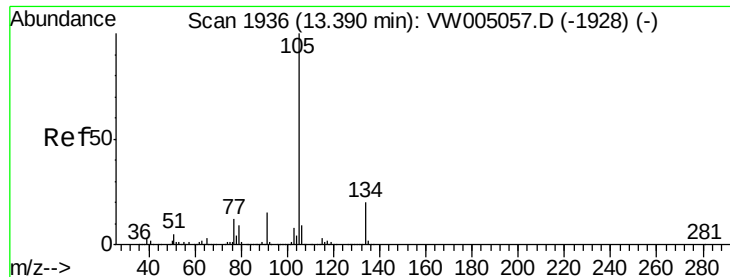
apatel  
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#84  
1,2,4-Trimethylbenzene  
Concen: 20.49 ug/l  
RT: 13.26 min Scan# 1914  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.4  | 23.1  | 69.3  |





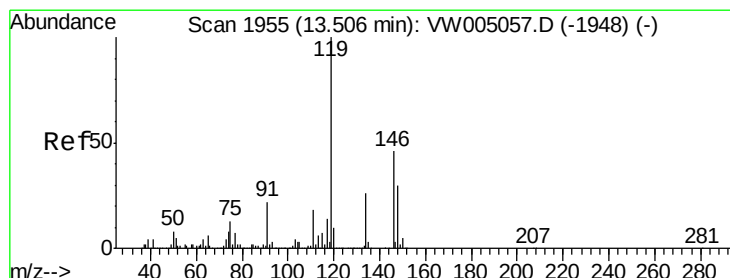
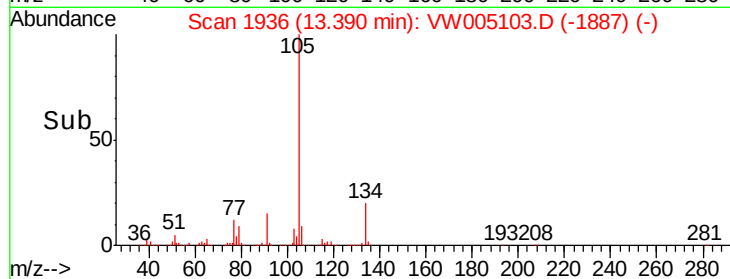
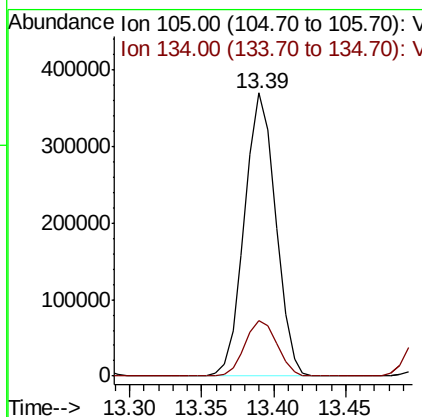
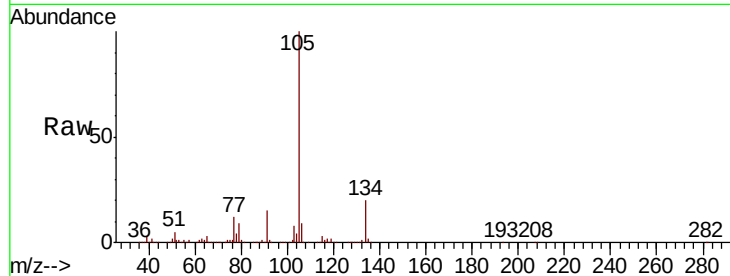
#85  
 sec-Butylbenzene  
 Concen: 20.39 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 20.4  | 10.1  | 30.3  |

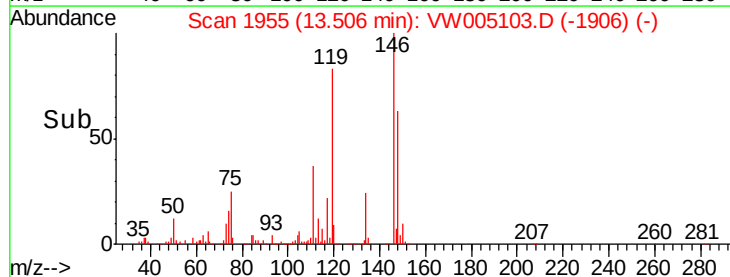
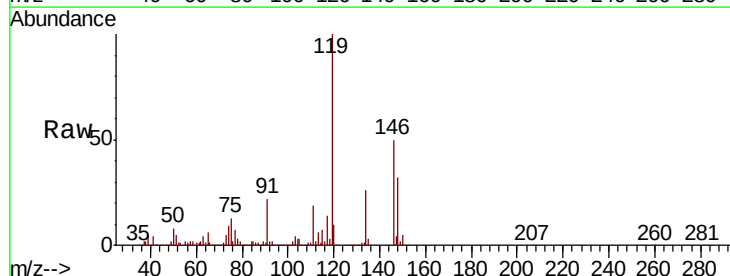
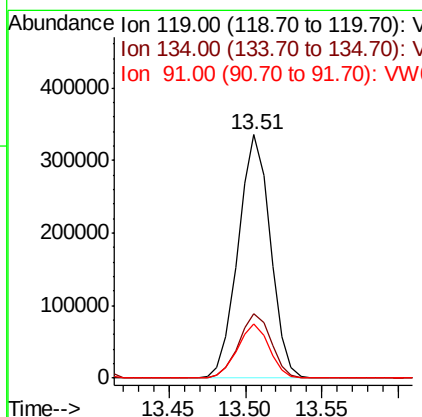
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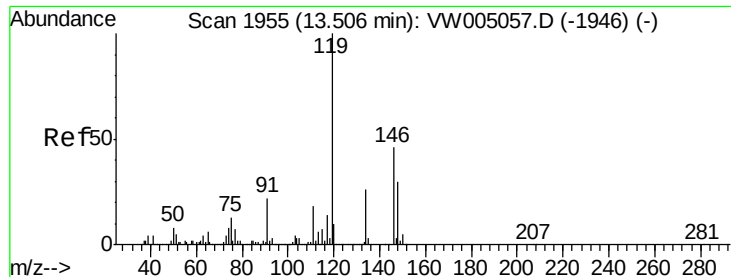


#86  
 p-Isopropyltoluene  
 Concen: 20.33 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.6  | 13.3  | 39.8  |
| 91      | 22.0  | 10.9  | 32.9  |







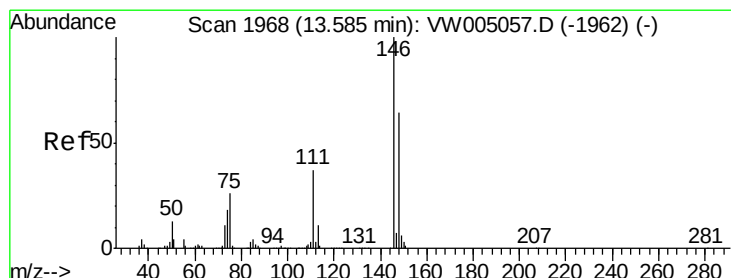
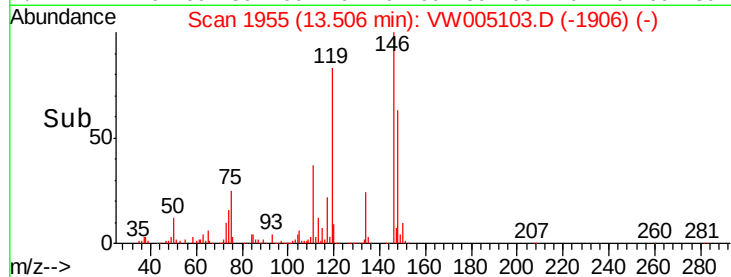
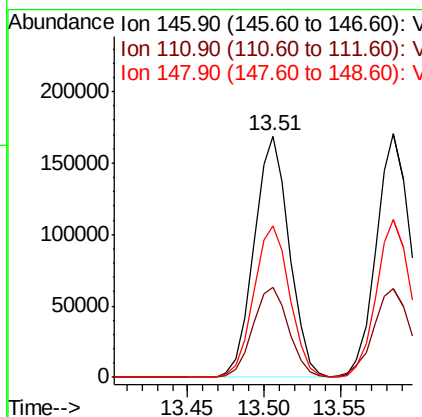
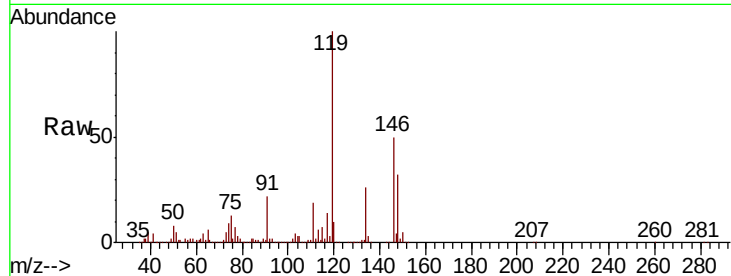
#87  
 1,3-Dichlorobenzene  
 Concen: 20.76 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 269765 |       |       |
| 111     | 38.1  | 19.2   | 57.6  |       |
| 148     | 64.1  | 31.9   | 95.7  |       |

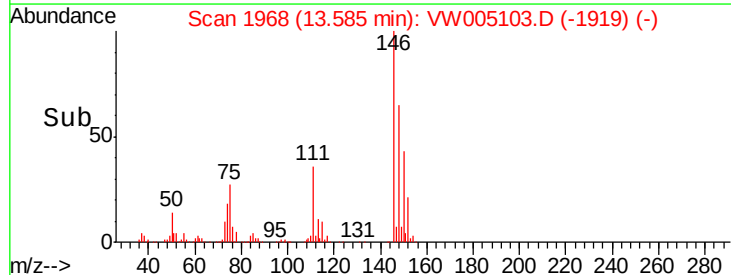
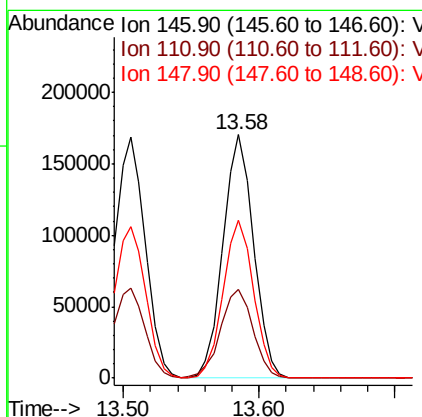
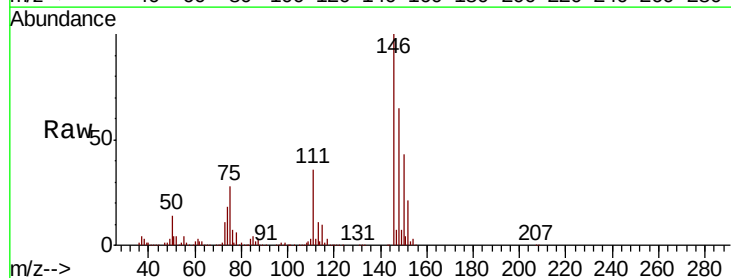
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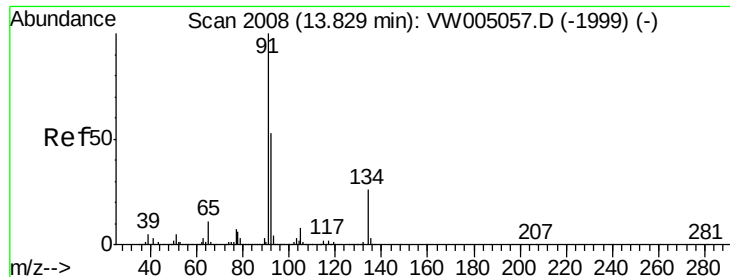
apatel  
 9/5/2018 10:02:56 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 20.66 ug/l  
 RT: 13.58 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 266317 |       |       |
| 111     | 38.5  | 18.6   | 56.0  |       |
| 148     | 64.7  | 32.0   | 96.0  |       |





#89

n-Butylbenzene

Concen: 19.87 ug/l

RT: 13.83 min Scan# 2008

Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

Instrument :

MSVOA\_W

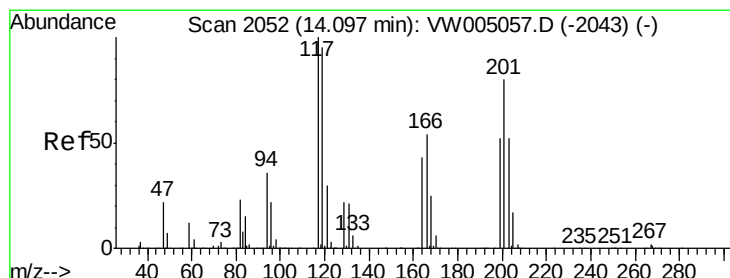
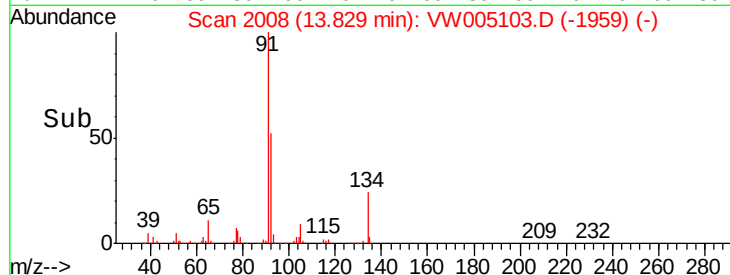
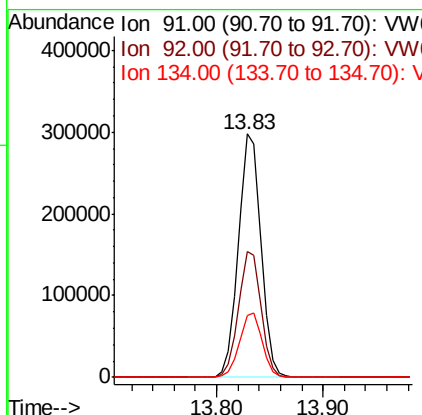
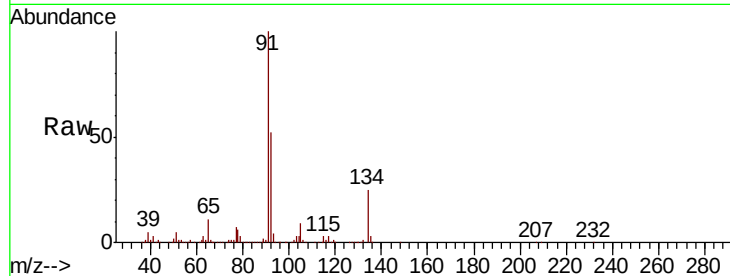
ClientSampleId :

VW0904SBS02

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 91    | Resp: | 444088 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 92        | 52.1  | 26.5  | 79.5   |
| 134       | 26.5  | 13.5  | 40.4   |

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#90

Hexachloroethane

Concen: 20.14 ug/l

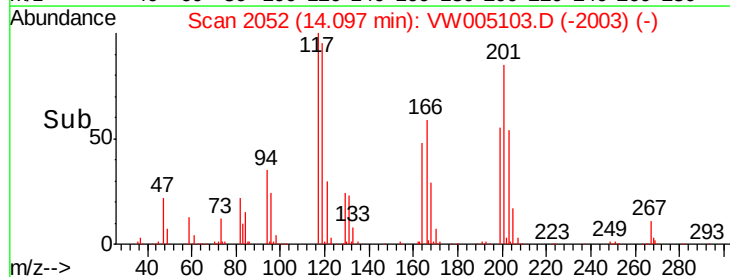
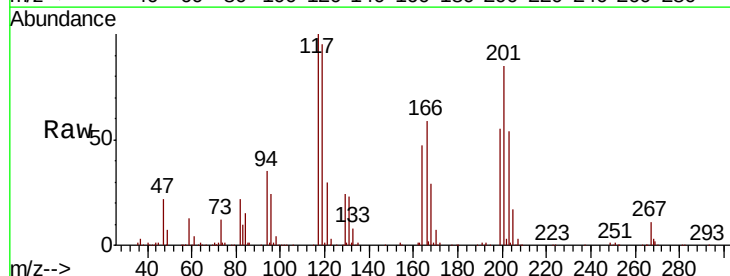
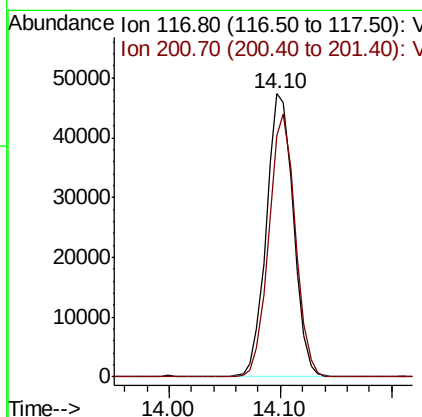
RT: 14.10 min Scan# 2052

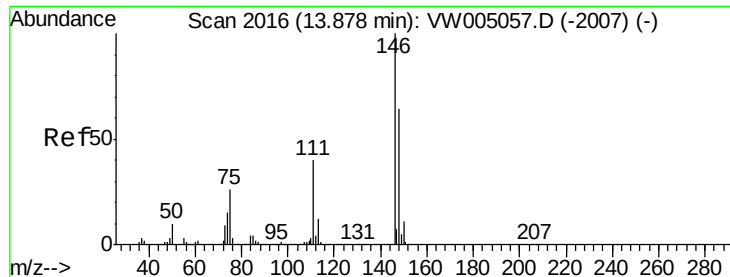
Delta R.T. -0.00 min

Lab File: VW005103.D

Acq: 05 Sep 2018 03:01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 80681 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 201       | 90.0  | 44.6  | 133.8 |





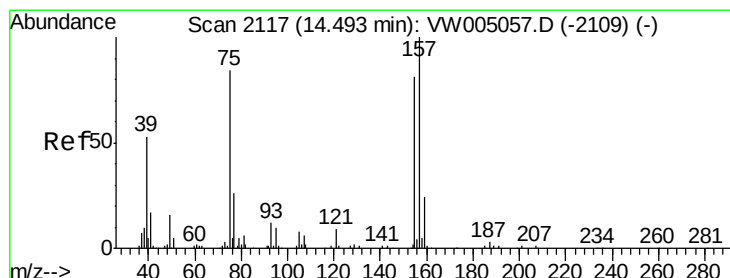
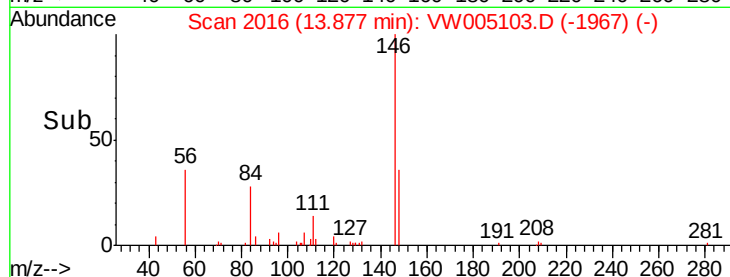
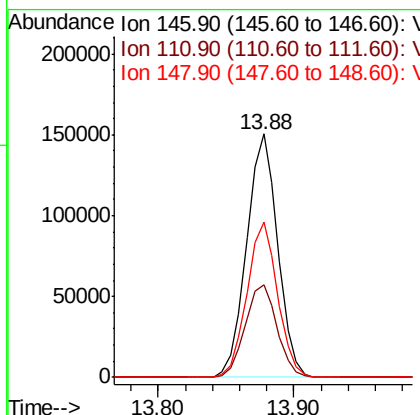
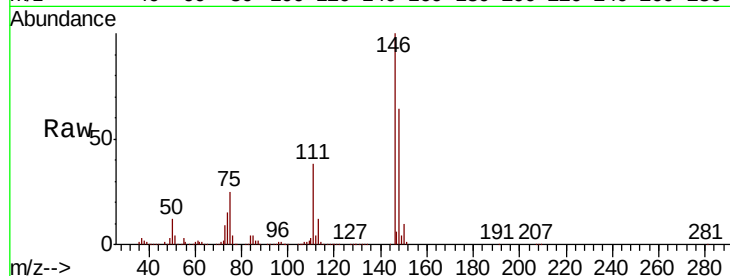
#91  
 1,2-Dichlorobenzene  
 Concen: 21.21 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 240202 |       |       |
| 111     | 39.3  | 19.9   | 59.7  |       |
| 148     | 63.2  | 31.9   | 95.9  |       |

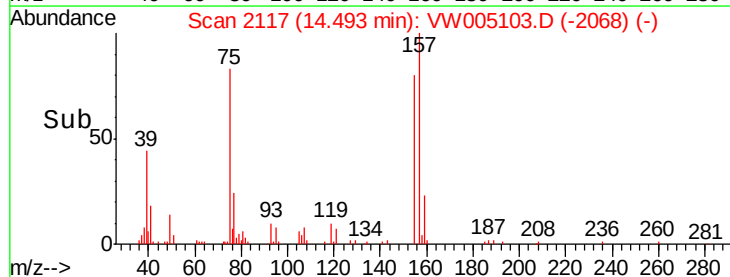
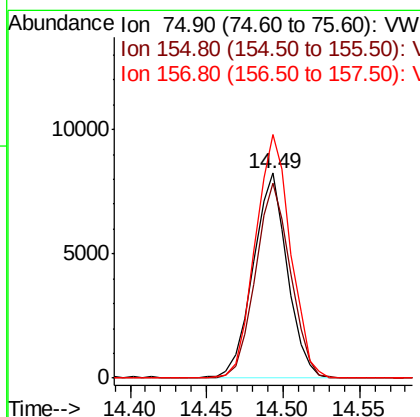
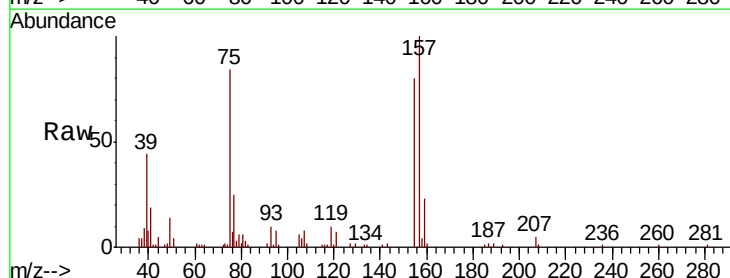
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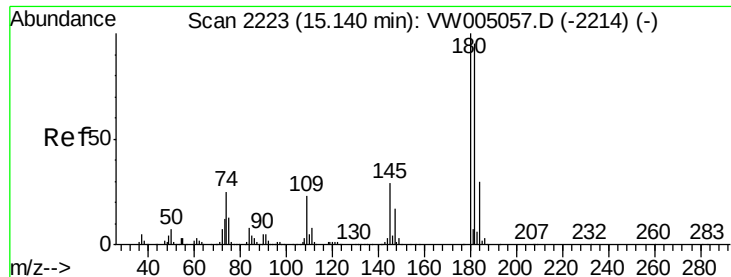
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.12 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 12900 |       |       |
| 155     | 96.8  | 46.0  | 137.8 |       |
| 157     | 122.1 | 58.6  | 175.7 |       |





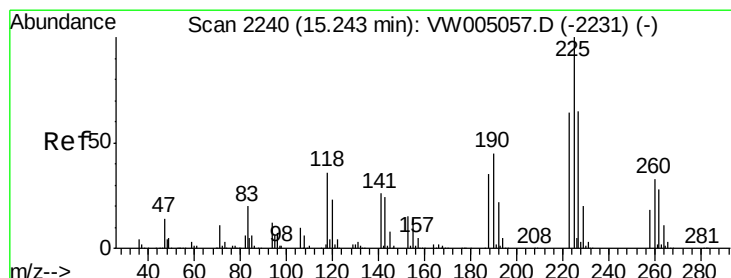
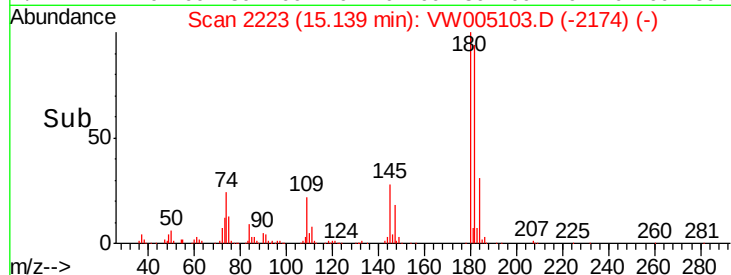
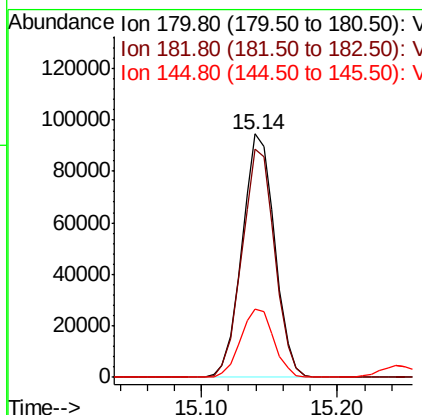
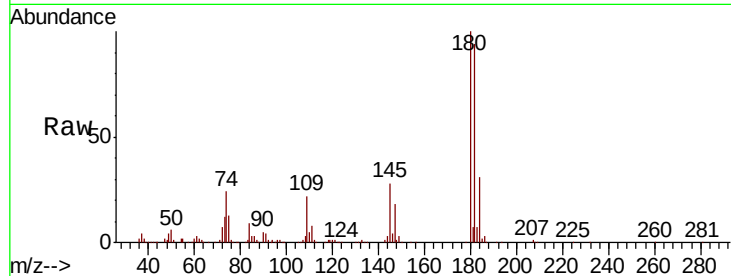
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.83 ug/l  
 RT: 15.14 min Scan# 2223  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 158190 |       |       |
| 182     | 94.4  | 47.5   | 142.6 |       |
| 145     | 28.6  | 14.4   | 43.2  |       |

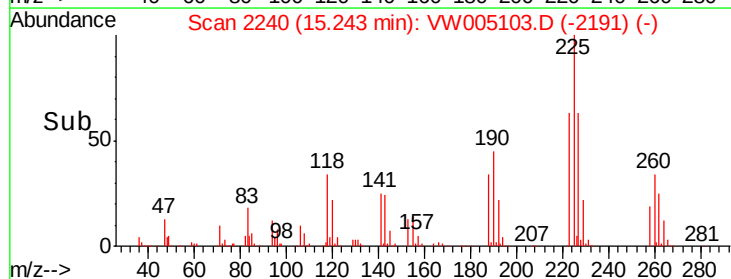
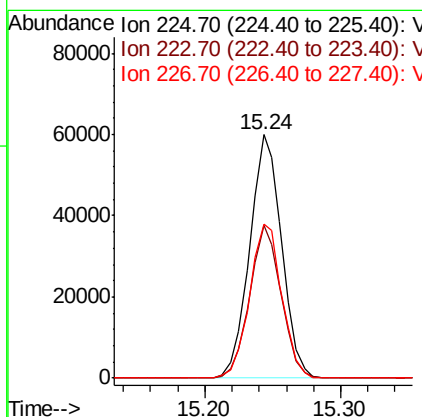
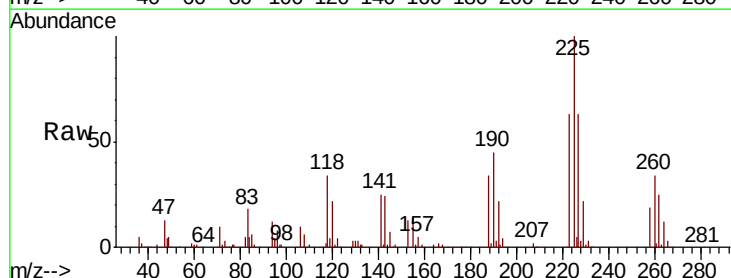
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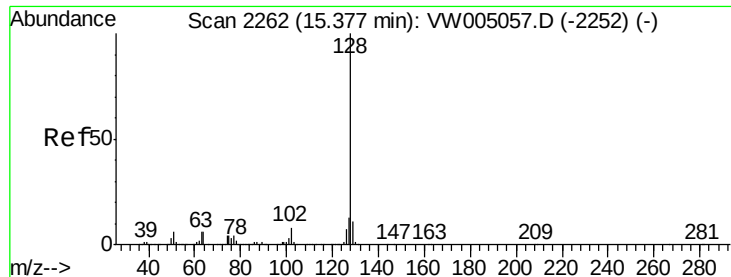
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#94  
 Hexachlorobutadiene  
 Concen: 20.87 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.00 min  
 Lab File: VW005103.D  
 Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 98553 |       |       |
| 223     | 61.6  | 31.4  | 94.3  |       |
| 227     | 63.7  | 32.0  | 96.0  |       |





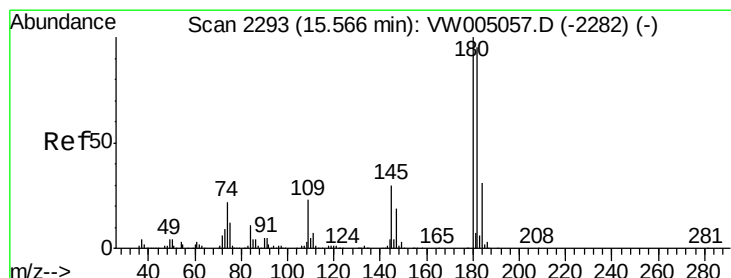
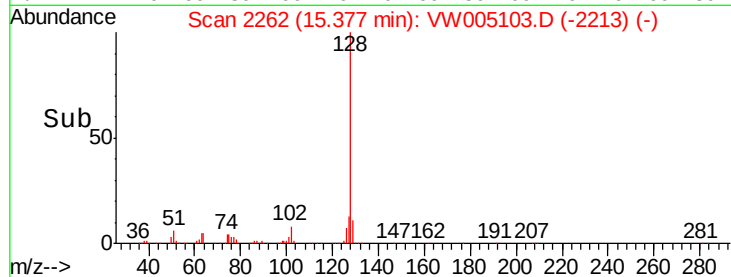
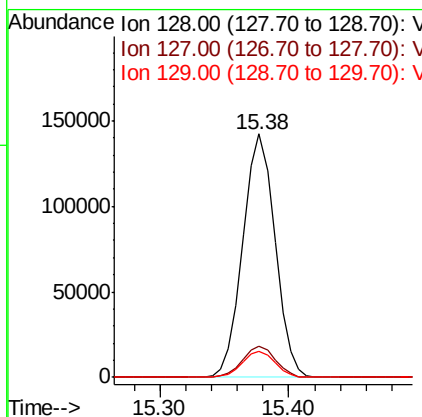
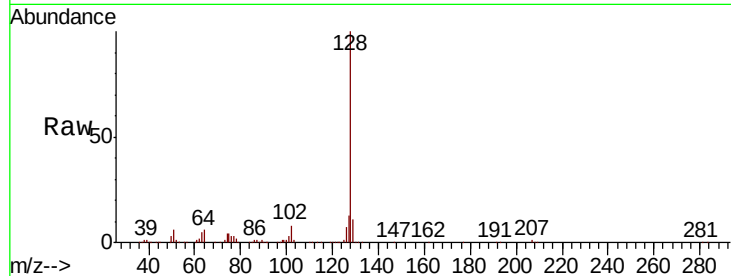
#95  
Naphthalene  
Concen: 21.28 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

Instrument :  
MSVOA\_W  
ClientSampleId :  
VW0904SBS02

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 246694 |       |       |
| 127     | 13.0  |        | 10.4  | 15.6  |
| 129     | 11.0  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.31 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: VW005103.D  
Acq: 05 Sep 2018 03:01

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 138461 |       |       |
| 182     | 95.2  |        | 47.4  | 142.3 |
| 145     | 30.4  |        | 15.4  | 46.1  |

