

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW112118\  
 Data File : VW006978.D  
 Acq On : 20 Nov 2018 15:55  
 Operator : SY/AP  
 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:18:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 02:56:06 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 114877   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 181103   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 171513   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 83971    | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |        |         |      |
|-----------------------------|--------|-----|----------|--------|---------|------|
| System Monitoring Compounds |        |     |          |        |         |      |
| 33) 1,2-Dichloroethane-d4   | 8.31   | 65  | 114422   | 101.74 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 203.48% |      |
| 35) Dibromofluoromethane    | 7.89   | 113 | 110000   | 107.55 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 215.10% |      |
| 50) Toluene-d8              | 10.33  | 98  | 465636   | 103.10 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 206.20% |      |
| 62) 4-Bromofluorobenzene    | 12.62  | 95  | 178704   | 100.55 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =      | 201.10% |      |

|                               |      |     |        |        |        |     |
|-------------------------------|------|-----|--------|--------|--------|-----|
| Target Compounds              |      |     |        |        | Qvalue |     |
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 107146 | 94.47  | ug/l   | 98  |
| 3) Chloromethane              | 2.21 | 50  | 93195  | 98.60  | ug/l   | 99  |
| 4) Vinyl Chloride             | 2.36 | 62  | 92389  | 99.34  | ug/l   | 99  |
| 5) Bromomethane               | 2.78 | 94  | 45585  | 91.84  | ug/l   | 92  |
| 6) Chloroethane               | 2.92 | 64  | 51305  | 100.08 | ug/l   | 99  |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 184496 | 100.89 | ug/l   | 97  |
| 8) Diethyl Ether              | 3.69 | 74  | 57343  | 97.31  | ug/l   | 98  |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 111488 | 94.04  | ug/l   | 100 |
| 10) Methyl Iodide             | 4.28 | 142 | 152062 | 112.04 | ug/l   | 100 |
| 11) Tert butyl alcohol        | 5.21 | 59  | 36560  | 506.62 | ug/l   | 94  |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 104626 | 100.62 | ug/l   | 98  |
| 13) Acrolein                  | 3.91 | 56  | 35116  | 467.04 | ug/l   | 99  |
| 14) Allyl chloride            | 4.68 | 41  | 176417 | 102.29 | ug/l   | 100 |
| 15) Acrylonitrile             | 5.38 | 53  | 113763 | 513.67 | ug/l   | 100 |
| 16) Acetone                   | 4.14 | 43  | 79230  | 485.21 | ug/l   | 99  |
| 17) Carbon Disulfide          | 4.38 | 76  | 360646 | 107.28 | ug/l   | 98  |
| 18) Methyl Acetate            | 4.68 | 43  | 56171  | 96.60  | ug/l   | 100 |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 268928 | 99.05  | ug/l   | 99  |
| 20) Methylene Chloride        | 4.92 | 84  | 123162 | 76.32  | ug/l   | 98  |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 119292 | 98.49  | ug/l   | 96  |
| 22) Diisopropyl ether         | 6.32 | 45  | 339232 | 101.06 | ug/l   | 99  |
| 23) Vinyl Acetate             | 6.26 | 43  | 913062 | 512.21 | ug/l   | 99  |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 205859 | 100.81 | ug/l   | 99  |
| 25) 2-Butanone                | 7.18 | 43  | 135947 | 486.10 | ug/l   | 97  |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 174136 | 94.83  | ug/l   | 99  |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 130580 | 101.23 | ug/l   | 99  |
| 28) Bromochloromethane        | 7.51 | 49  | 78028  | 102.23 | ug/l # | 98  |
| 29) Tetrahydrofuran           | 7.54 | 42  | 90310  | 498.60 | ug/l   | 100 |
| 30) Chloroform                | 7.68 | 83  | 211037 | 97.27  | ug/l   | 98  |
| 31) Cyclohexane               | 7.96 | 56  | 193989 | 89.56  | ug/l   | 99  |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 188237 | 96.33  | ug/l   | 99  |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 169244 | 95.63  | ug/l   | 99  |
| 37) Ethyl Acetate             | 7.26 | 43  | 60677  | 94.61  | ug/l   | 98  |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 164260 | 96.93  | ug/l   | 99  |

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 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDICC100

Manual Integrations  
 APPROVED

MMDadoda  
 11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:18:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 02:56:06 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 223078   | 100.73  | ug/l   | 99       |
| 40) Benzene                    | 8.32  | 78   | 481496   | 100.79  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 38698    | 97.17   | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 135367   | 97.60   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 126773   | 103.73  | ug/l   | 98       |
| 44) Trichloroethene            | 9.09  | 130  | 132195   | 98.71   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 117050   | 99.40   | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 59506    | 100.90  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.65  | 83   | 151407   | 97.45   | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.44  | 41   | 60616    | 102.86  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 17763    | 2026.55 | ug/l # | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 304763   | 493.46  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 327139   | 100.62  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 157651   | 104.74  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 186370   | 102.49  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 85123    | 98.11   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 107241   | 106.48  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 145795   | 100.27  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 253026   | 480.78  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 214092   | 506.21  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 104831   | 106.03  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 81448    | 102.62  | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 110077   | 99.76   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 357997   | 100.01  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 111159   | 102.65  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 655284   | 99.65   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 510025   | 197.68  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 240811   | 98.99   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 393025   | 101.51  | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 54175    | 106.20  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 657805   | 100.80  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.27 | 43   | 116146   | 106.19  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 88168    | 101.52  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 68041m   | 62.60   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 140877   | 100.50  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 794387   | 100.49  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 458003   | 100.48  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 576229   | 102.11  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 27572    | 104.91  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 480602   | 100.48  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 492678   | 100.83  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 578035   | 102.81  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 694891   | 100.67  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 613300   | 100.71  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 282466   | 98.71   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 285430   | 100.04  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 590071   | 102.97  | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 95384    | 107.29  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 249200   | 99.39   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 15675    | 106.86  | ug/l   | 94       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW112118\  
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Operator : SY/AP  
Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

Manual Integrations  
APPROVED

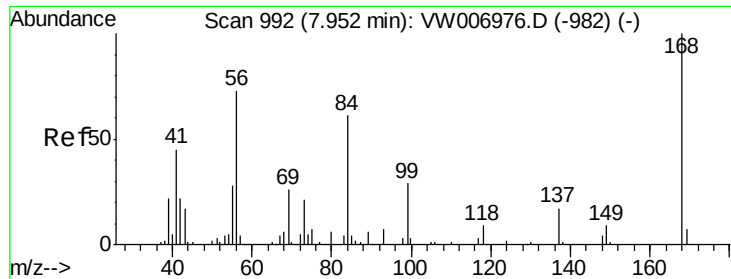
MMDadoda  
11/21/2018 11:32:35 AM

Quant Time: Nov 21 03:18:49 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 21 02:56:06 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 172404   | 104.27 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 90318    | 100.48 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 315597   | 105.15 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 143738   | 104.79 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion:168 Resp: 114877

Ion Ratio Lower Upper

168 100

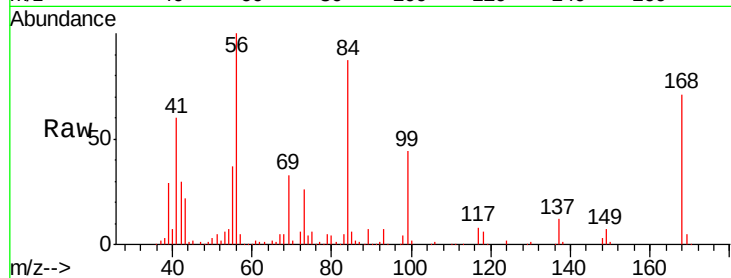
99 62.4 48.2 72.4

Manual Integrations

APPROVED

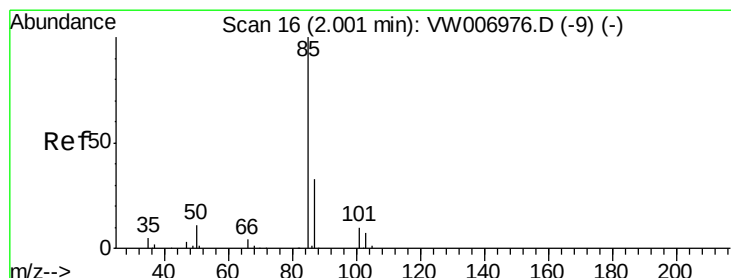
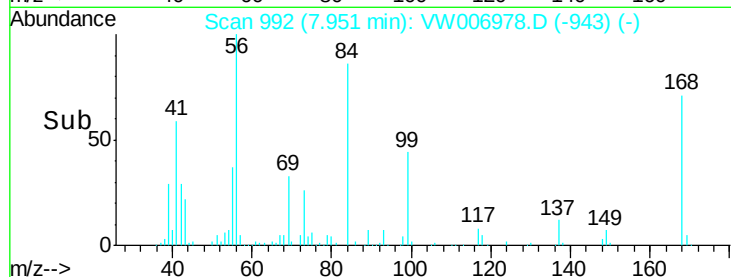
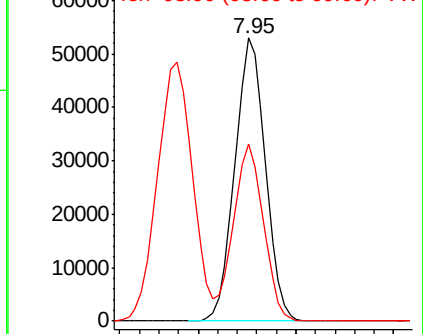
MMDadoda

11/21/2018 11:32:35 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 94.47 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW006978.D

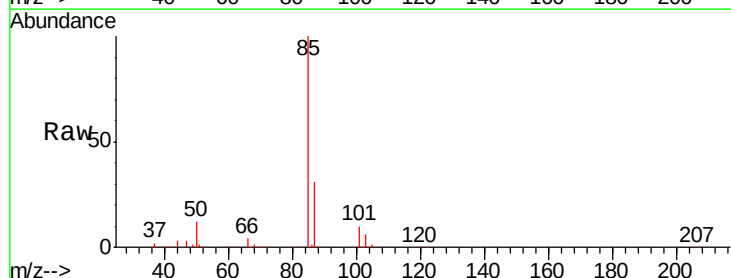
Acq: 20 Nov 2018 15:55

Tgt Ion: 85 Resp: 107146

Ion Ratio Lower Upper

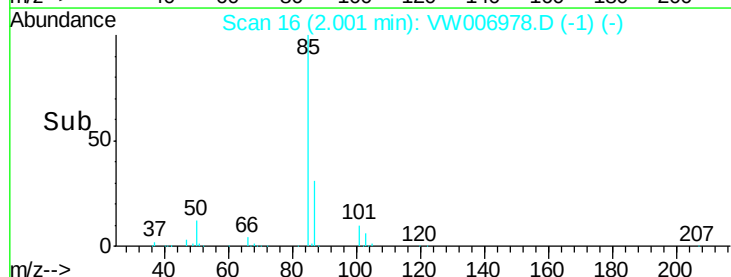
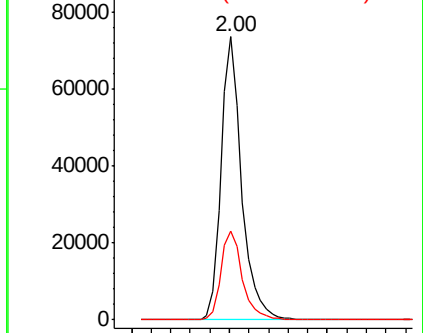
85 100

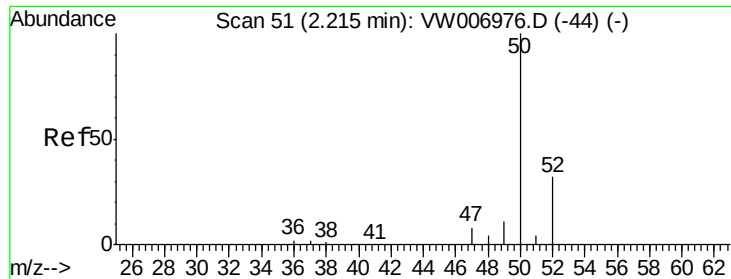
87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 98.60 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 93195

Ion Ratio Lower Upper

50 100

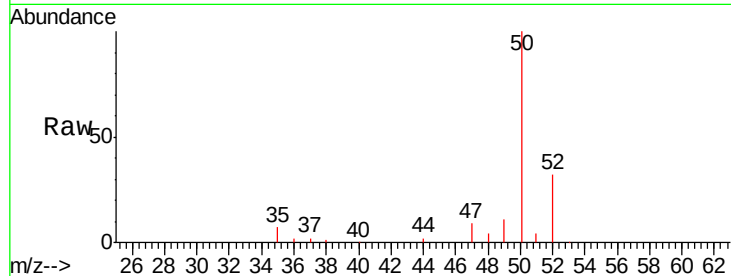
52 32.4 25.7 38.5

Manual Integrations

APPROVED

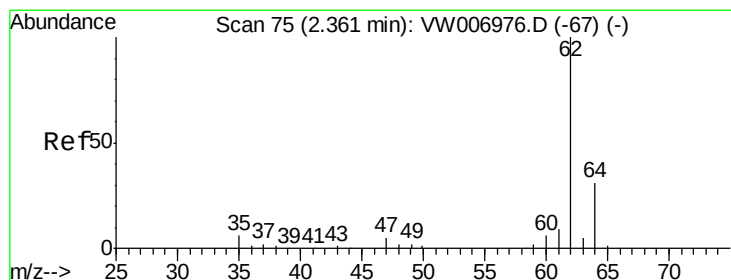
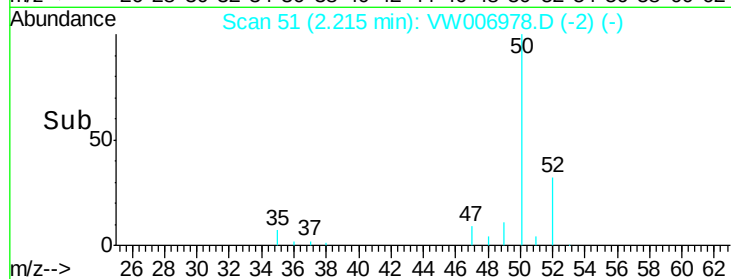
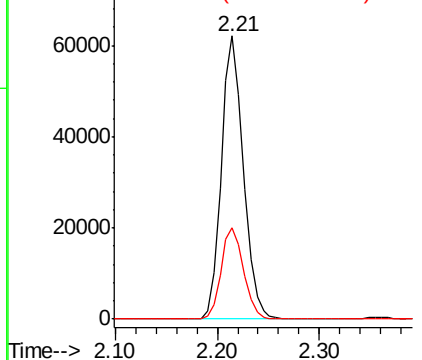
MMDadoda

11/21/2018 11:32:35 AM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 99.34 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW006978.D

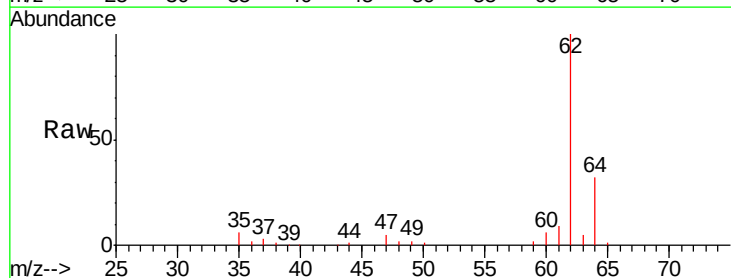
Acq: 20 Nov 2018 15:55

Tgt Ion: 62 Resp: 92389

Ion Ratio Lower Upper

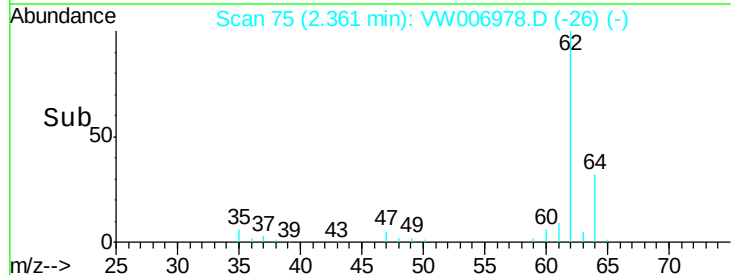
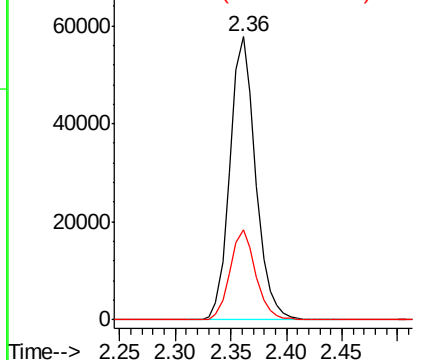
62 100

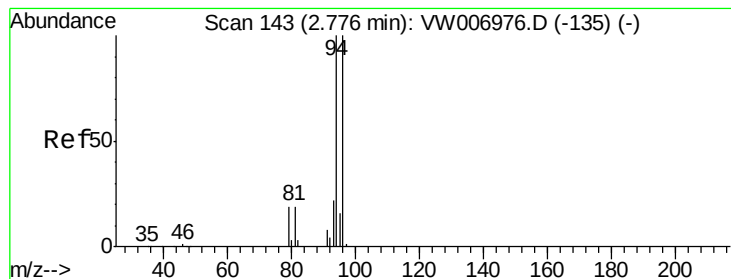
64 31.9 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 91.84 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 45585

Ion Ratio Lower Upper

94 100

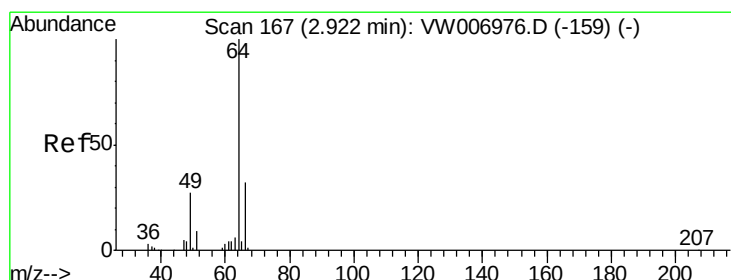
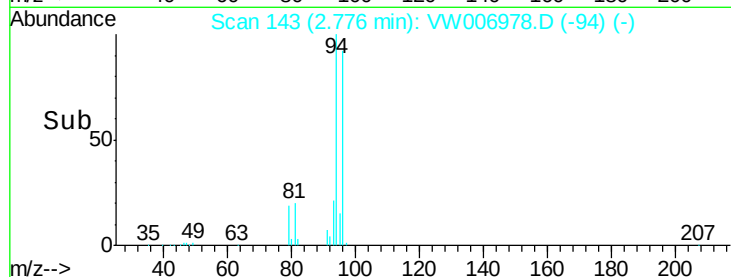
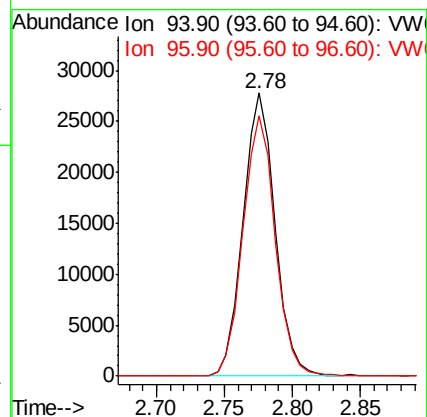
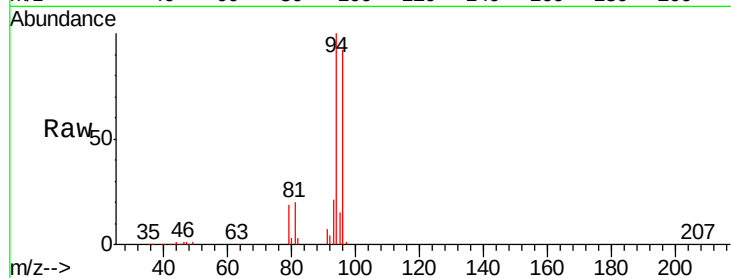
96 92.1 80.2 120.2

Manual Integrations

APPROVED

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11/21/2018 11:32:35 AM



#6

Chloroethane

Concen: 100.08 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006978.D

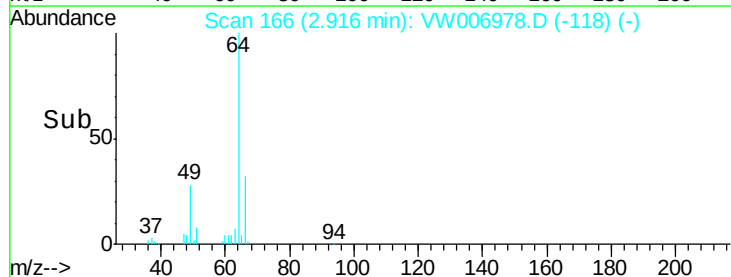
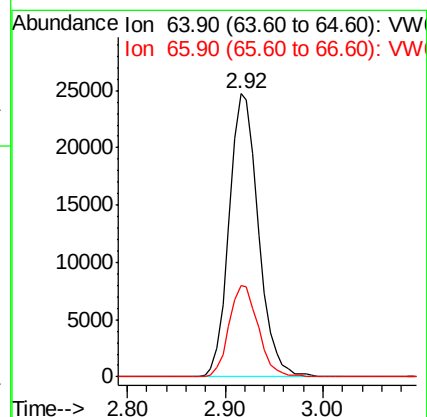
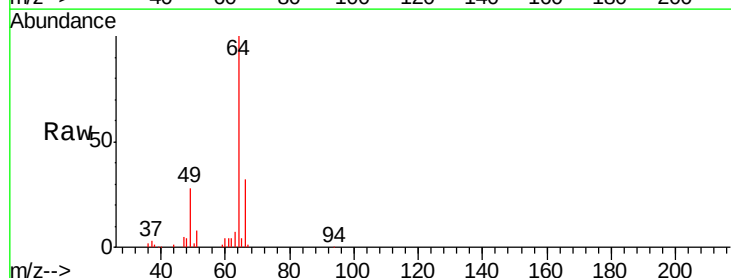
Acq: 20 Nov 2018 15:55

Tgt Ion: 64 Resp: 51305

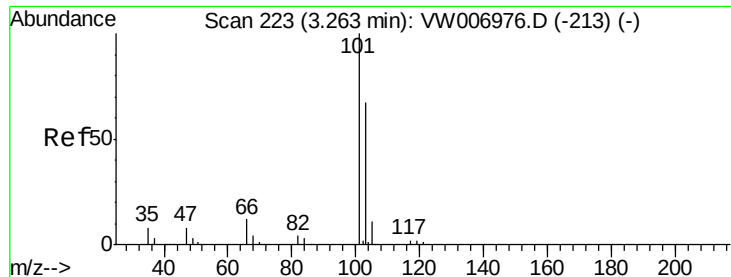
Ion Ratio Lower Upper

64 100

66 32.4 25.3 37.9







#7

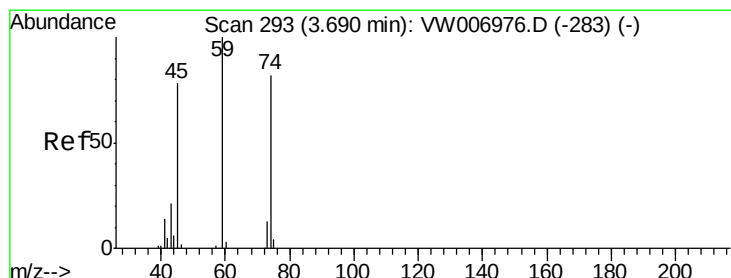
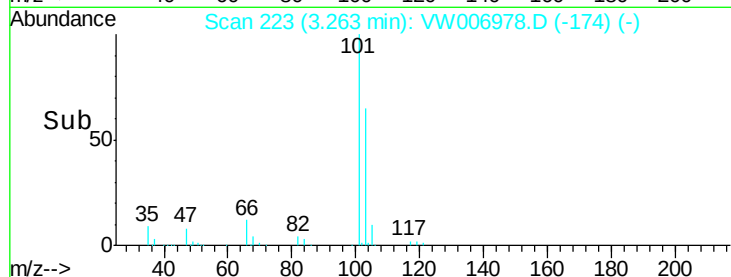
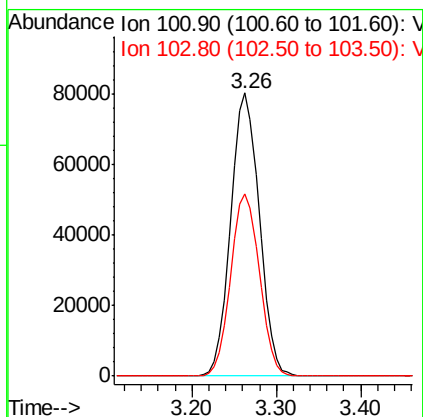
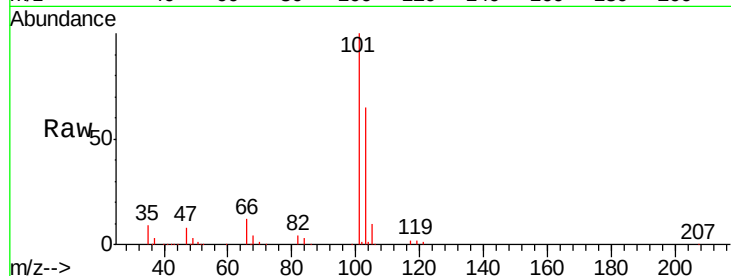
Trichlorofluoromethane  
Concen: 100.89 ug/l  
RT: 3.26 min Scan# 223  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 184496 |       |       |
| 103     | 64.6  | 53.4   | 80.2  |       |

Manual Integrations  
APPROVED

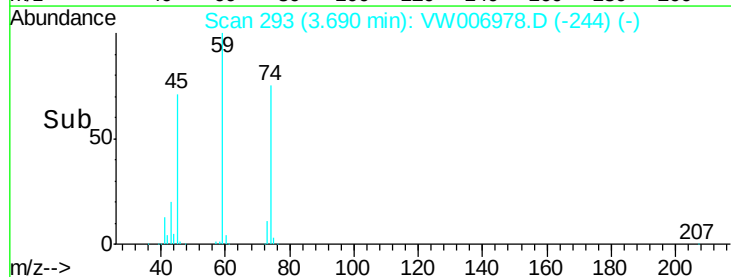
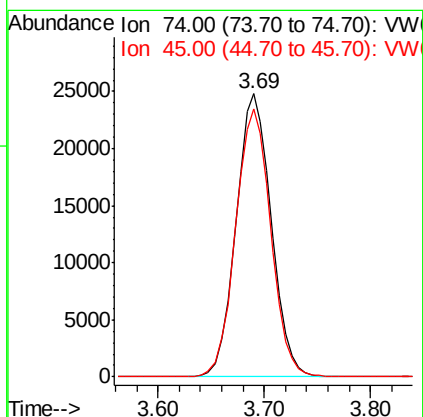
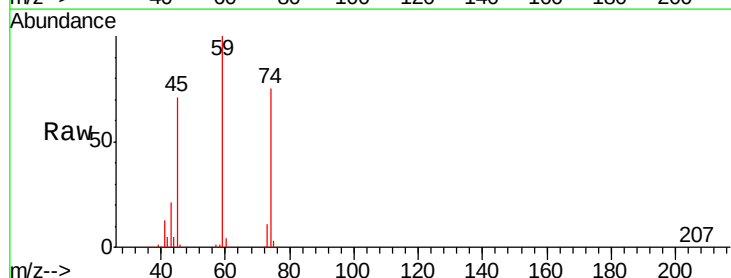
MMDadoda  
11/21/2018 11:32:35 AM



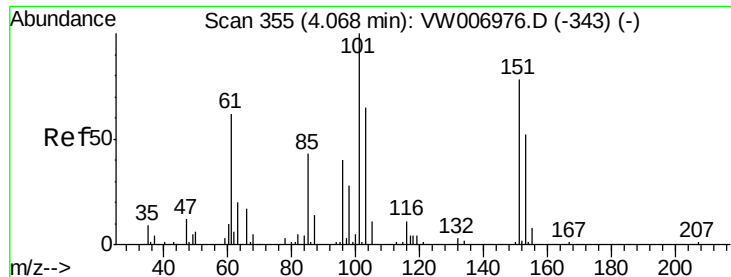
#8

Diethyl Ether  
Concen: 97.31 ug/l  
RT: 3.69 min Scan# 293  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 57343 |       |       |
| 45      | 94.9  | 48.4  | 145.2 |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 94.04 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

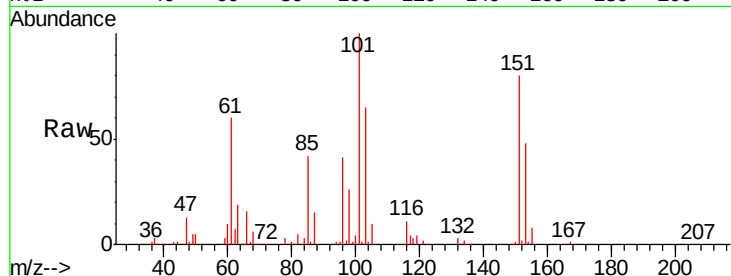
ClientSampleId :

VSTDIC100

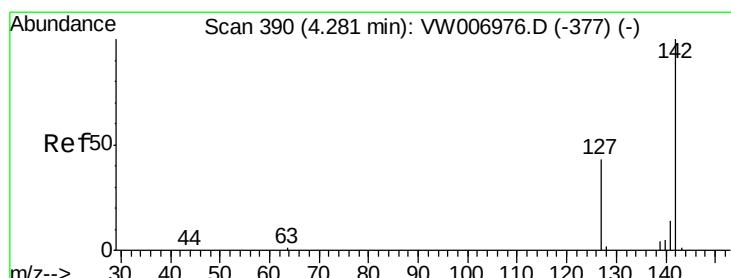
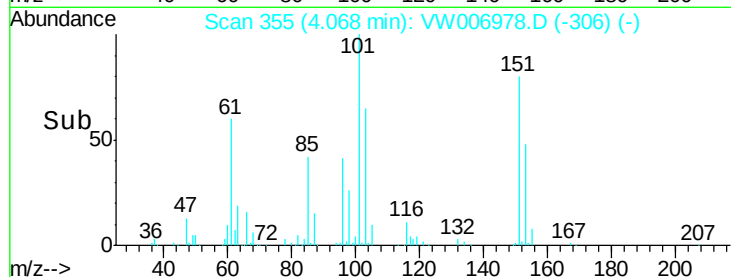
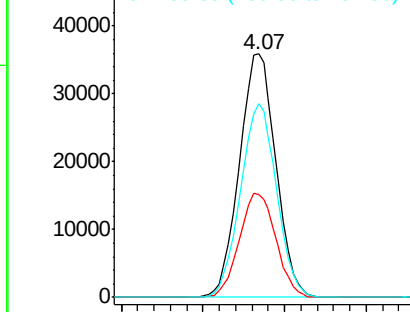
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 111488 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.8  | 34.3  | 51.5   |
| 151       | 78.7  | 63.4  | 95.2   |

Manual Integrations  
APPROVED

MMDadoda  
11/21/2018 11:32:35 AM



Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 84.90 (84.60 to 85.60): V  
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 112.04 ug/l

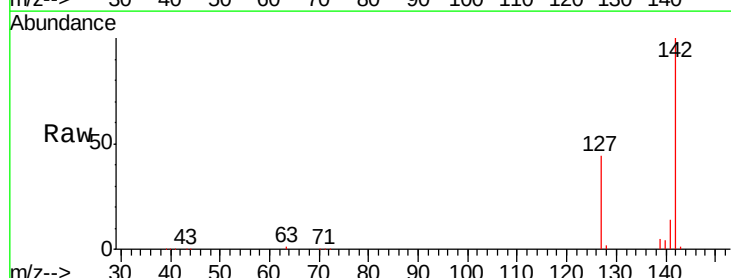
RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

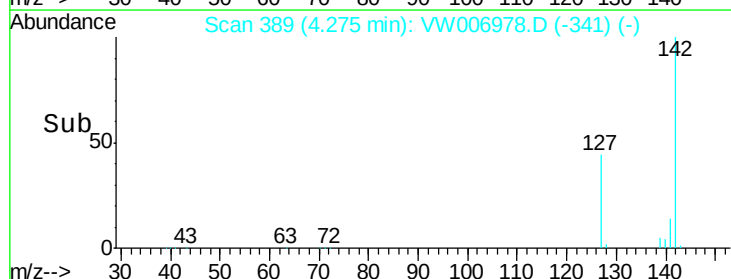
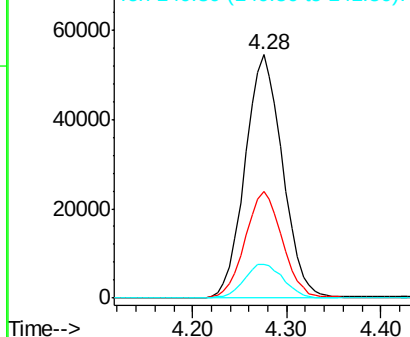
Lab File: VW006978.D

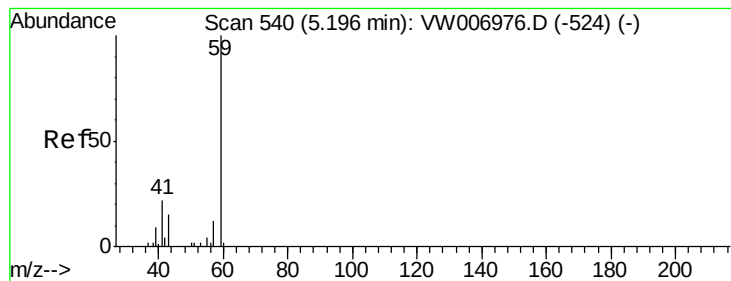
Acq: 20 Nov 2018 15:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 152062 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.9  | 35.3  | 52.9   |
| 141       | 14.7  | 11.7  | 17.5   |



Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V





#11

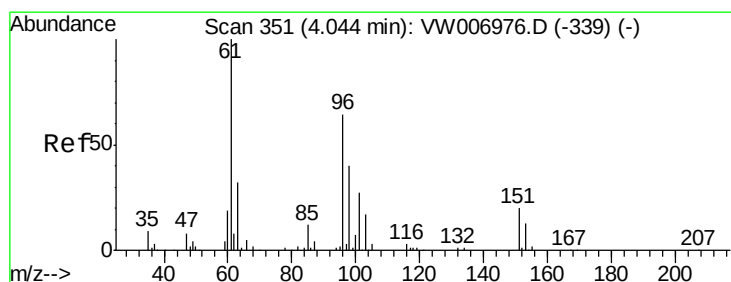
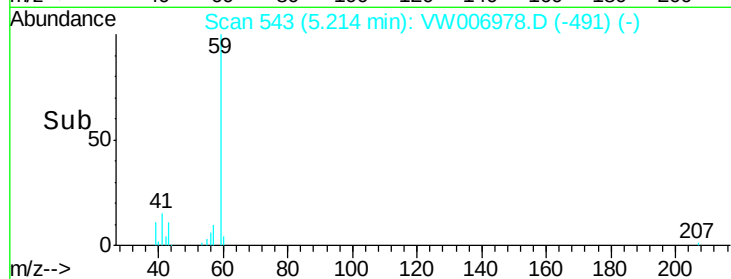
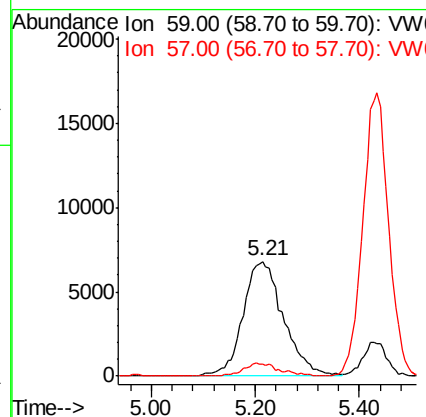
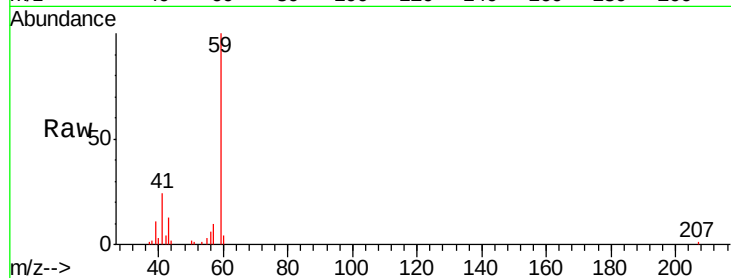
Tert butyl alcohol  
Concen: 506.62 ug/l  
RT: 5.21 min Scan# 543  
Delta R.T. 0.02 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 8.7   | 8.6   | 13.0  |

Manual Integrations  
APPROVED

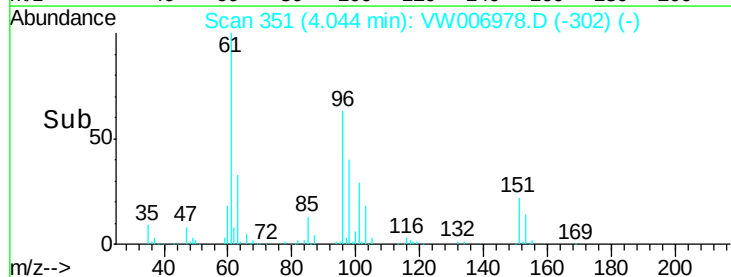
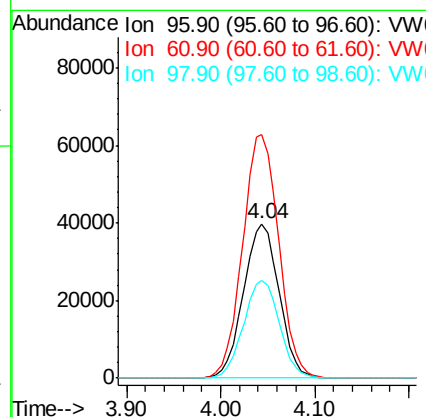
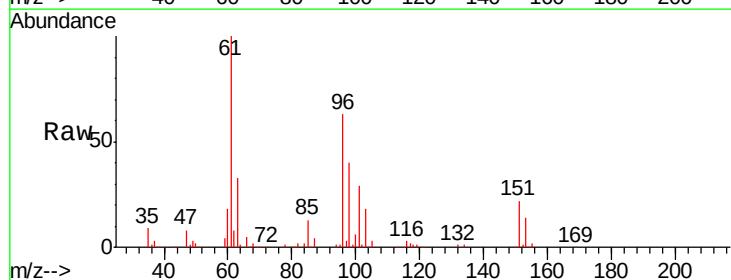
MMDadoda  
11/21/2018 11:32:35 AM

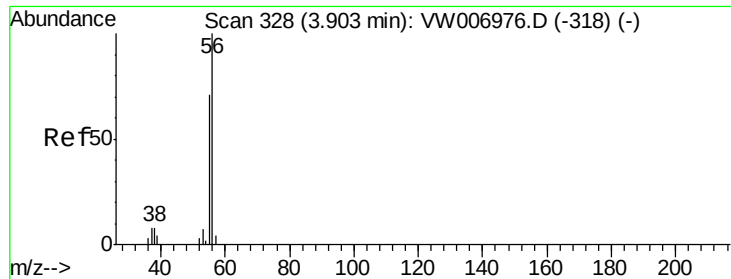


#12

1,1-Dichloroethene  
Concen: 100.62 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.7 | 124.3 | 186.5 |
| 98      | 63.0  | 49.4  | 74.2  |





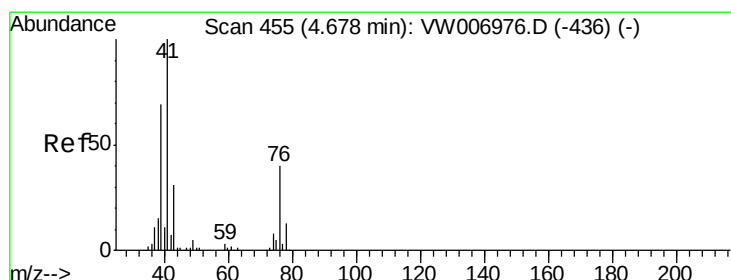
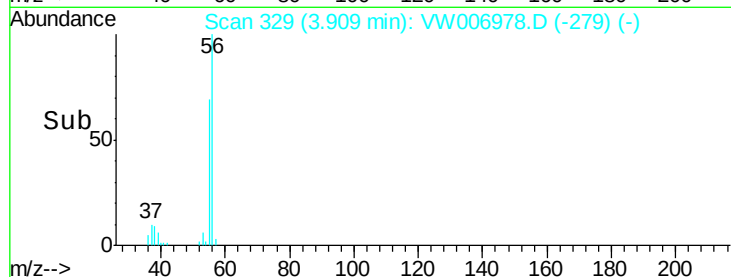
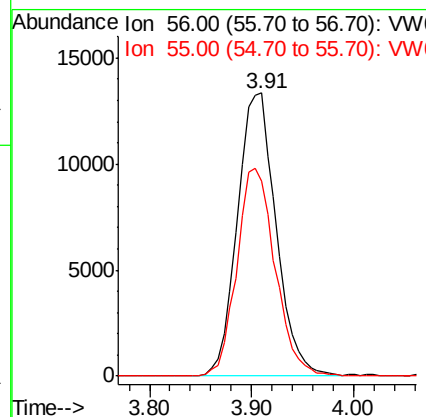
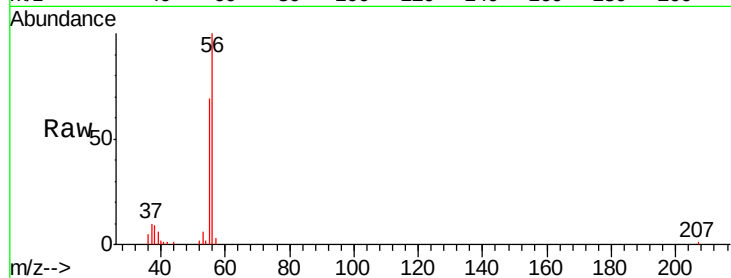
#13  
Acrolein  
Concen: 467.04 ug/l  
RT: 3.91 min Scan# 329  
Delta R.T. 0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 72.6  | 57.5  | 86.3  |

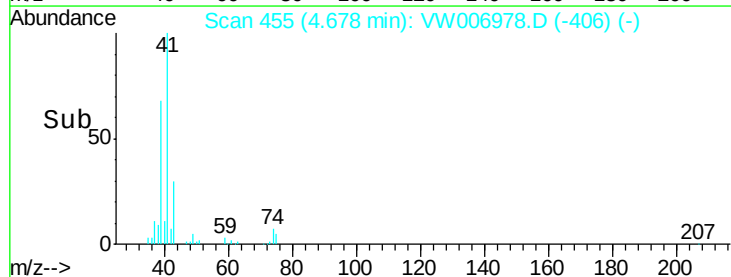
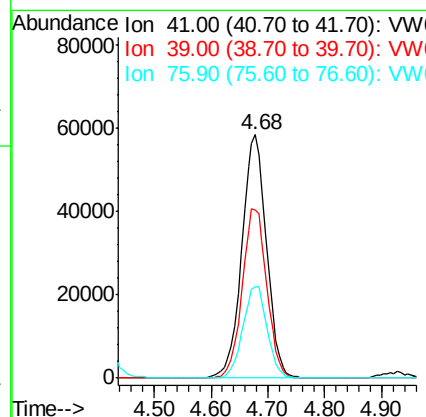
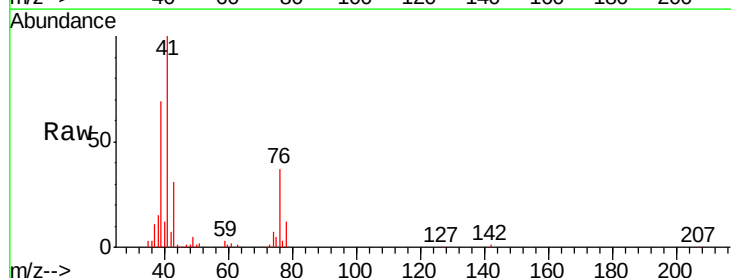
Manual Integrations  
APPROVED

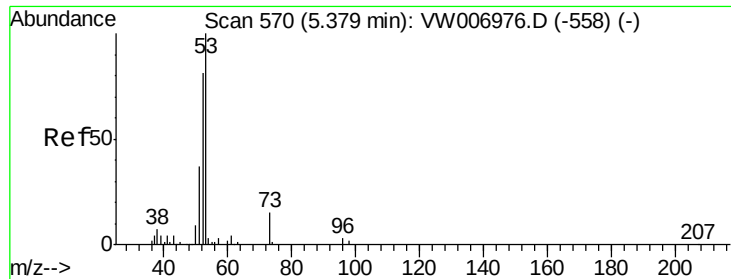
MMDadoda  
11/21/2018 11:32:35 AM



#14  
Allyl chloride  
Concen: 102.29 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 69.4  | 55.4  | 83.2  |
| 76      | 37.0  | 29.6  | 44.4  |





#15

Acrylonitrile

Concen: 513.67 ug/l

RT: 5.38 min Scan# 570

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

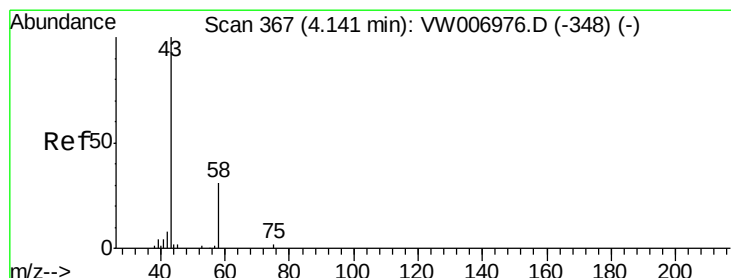
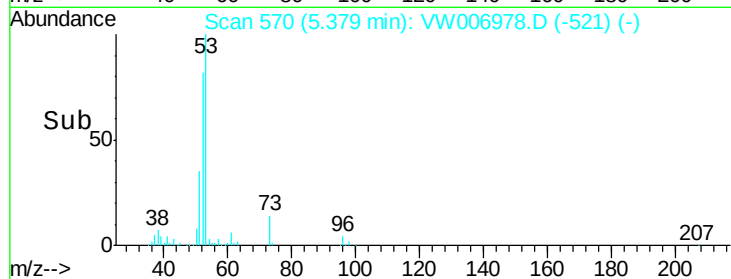
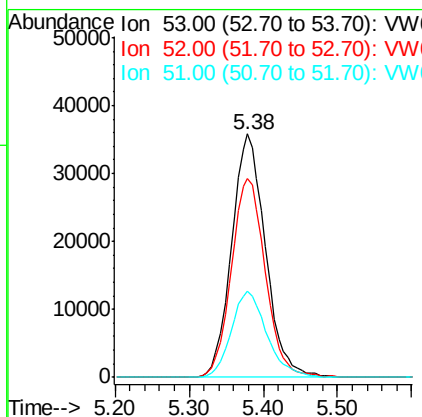
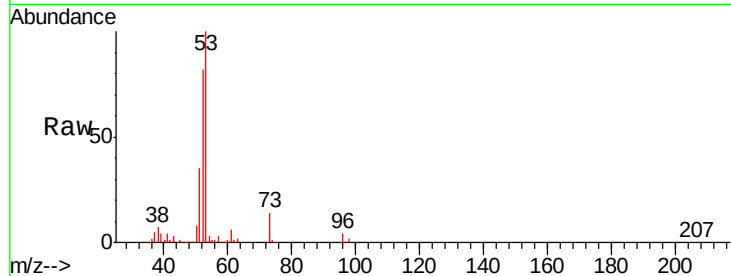
ClientSampleId :

VSTDICC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 113763 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.5  | 65.7  | 98.5   |
| 51       | 37.3  | 29.9  | 44.9   |

Manual Integrations  
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MMDadoda  
11/21/2018 11:32:35 AM



#16

Acetone

Concen: 485.21 ug/l

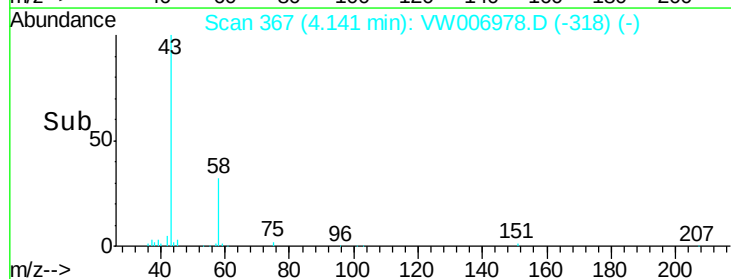
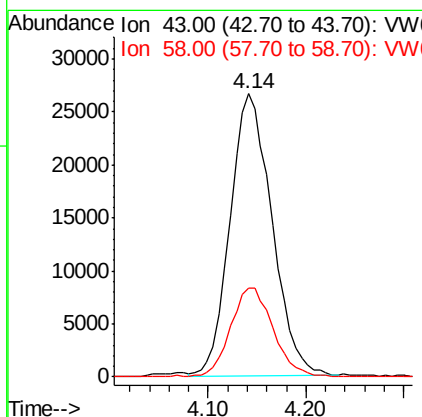
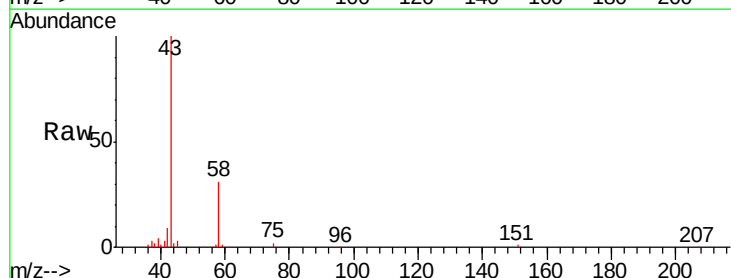
RT: 4.14 min Scan# 367

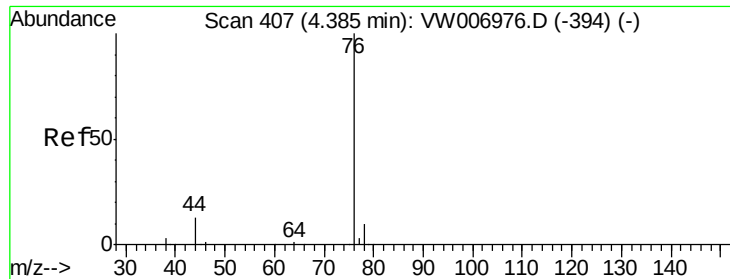
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 79230 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 31.5  | 24.8  | 37.2  |





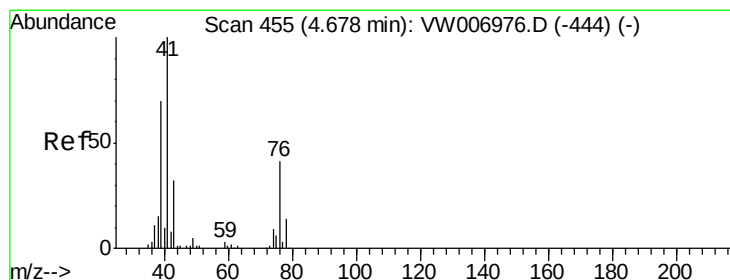
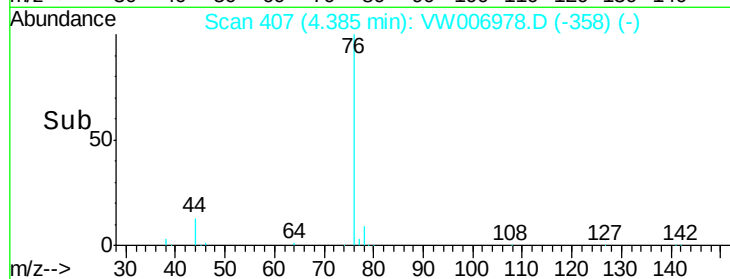
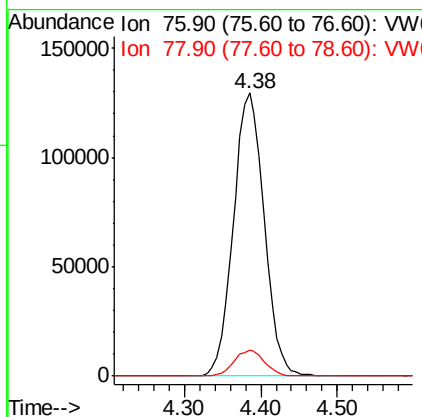
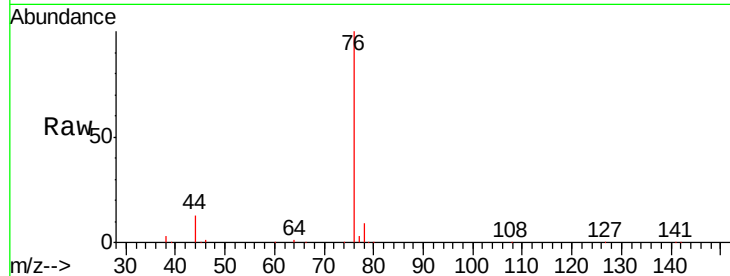
#17  
Carbon Disulfide  
Concen: 107.28 ug/l  
RT: 4.38 min Scan# 407  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.8   | 11.6  |

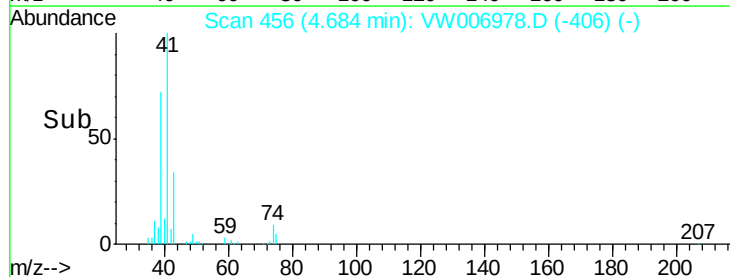
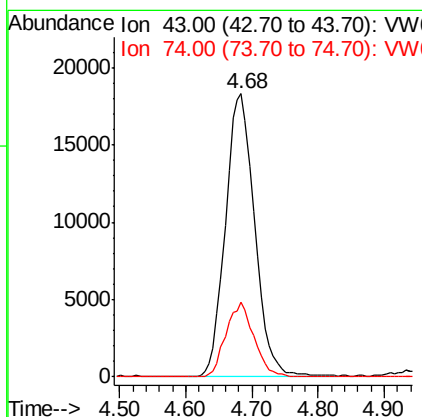
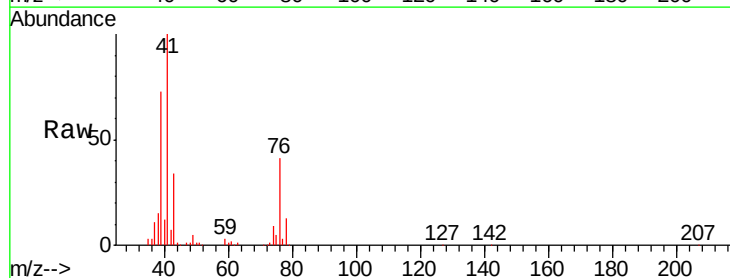
Manual Integrations  
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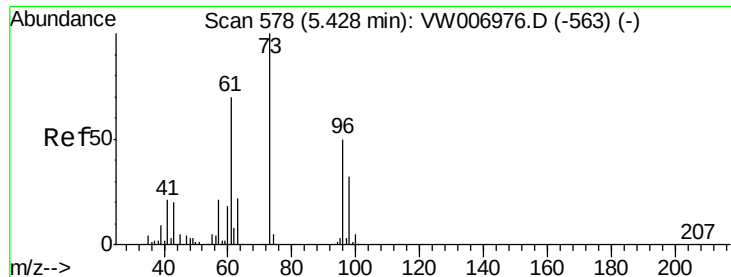
MMDadoda  
11/21/2018 11:32:35 AM



#18  
Methyl Acetate  
Concen: 96.60 ug/l  
RT: 4.68 min Scan# 456  
Delta R.T. 0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 25.1  | 20.1  | 30.1  |





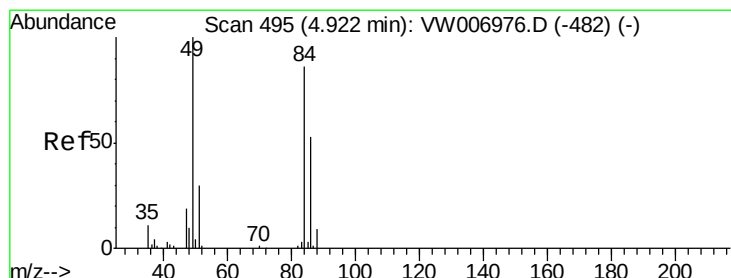
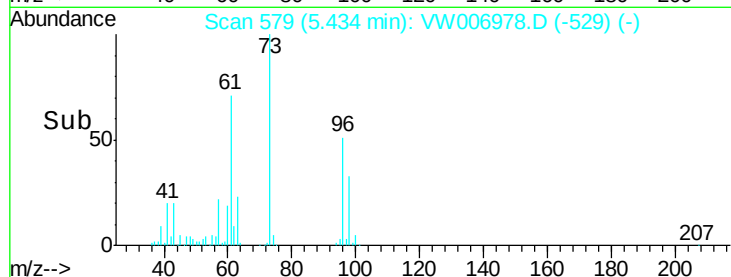
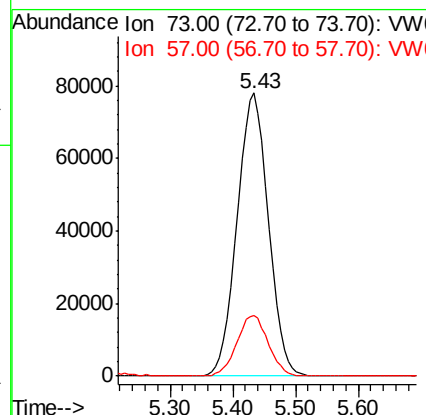
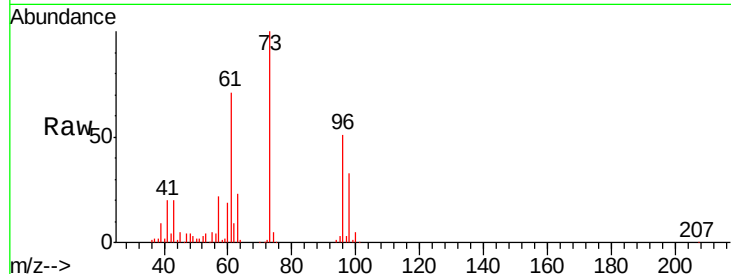
#19  
Methyl tert-butyl Ether  
Concen: 99.05 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion: 73 Resp: 268928  
Ion Ratio Lower Upper  
73 100  
57 21.5 16.7 25.1

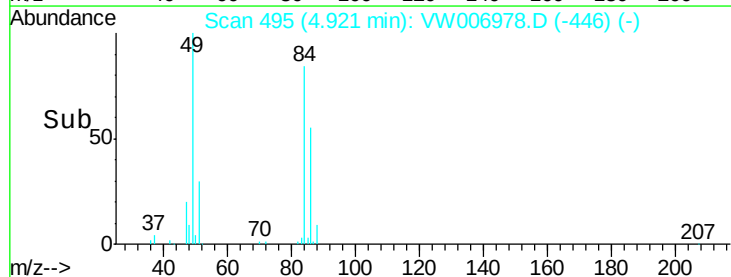
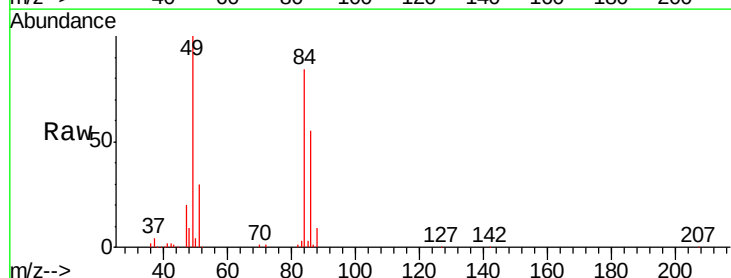
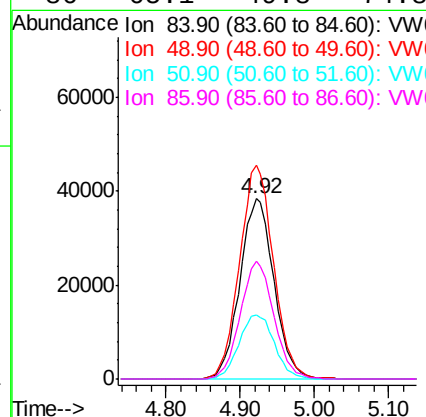
Manual Integrations  
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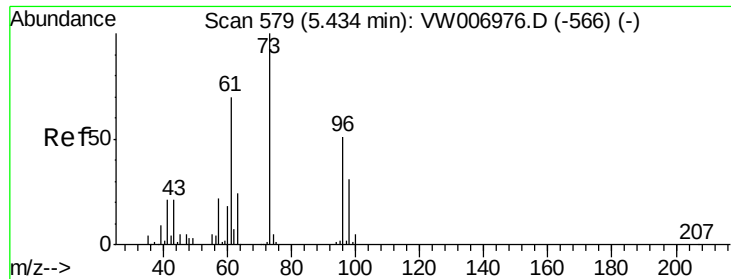
MMDadoda  
11/21/2018 11:32:35 AM



#20  
Methylene Chloride  
Concen: 76.32 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion: 84 Resp: 123162  
Ion Ratio Lower Upper  
84 100  
49 118.4 93.4 140.0  
51 35.8 28.4 42.6  
86 65.1 49.8 74.8





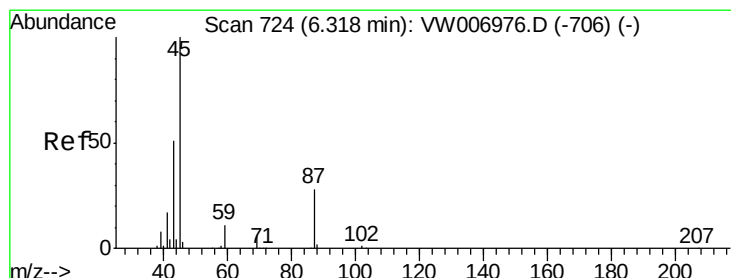
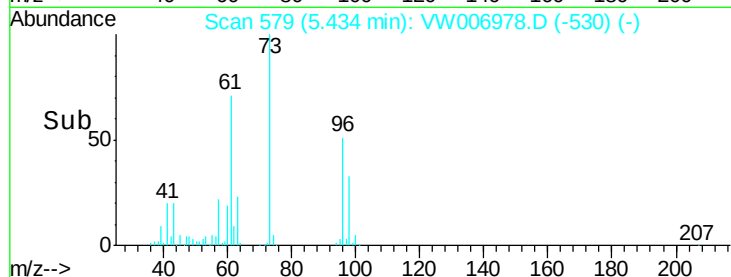
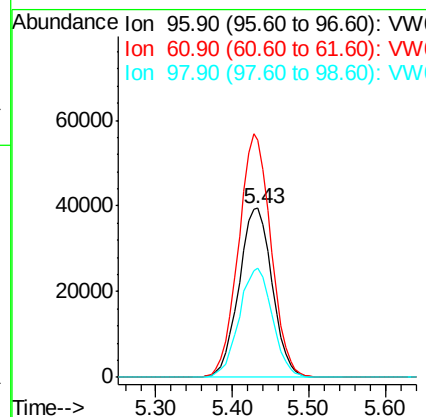
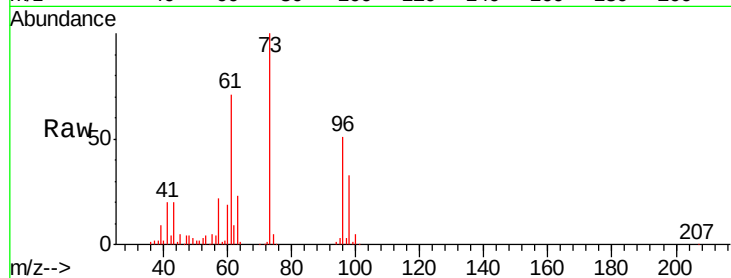
#21  
trans-1,2-Dichloroethene  
Concen: 98.49 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.5 | 109.4 | 164.0 |
| 98      | 64.7  | 48.3  | 72.5  |

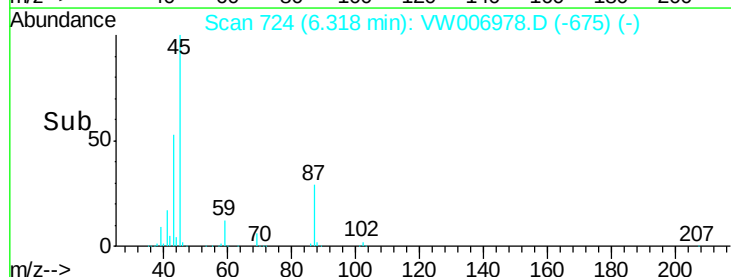
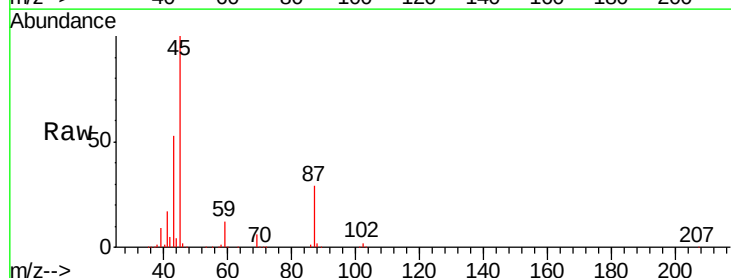
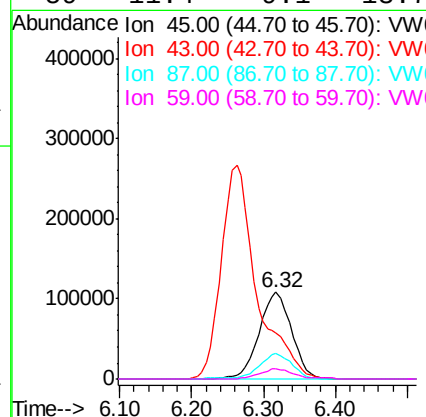
Manual Integrations  
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11/21/2018 11:32:35 AM

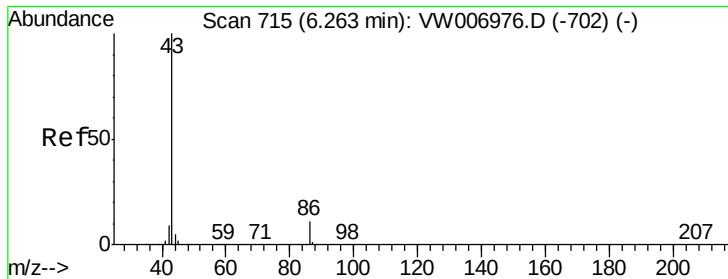


#22  
Diisopropyl ether  
Concen: 101.06 ug/l  
RT: 6.32 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 52.8  | 42.5  | 63.7  |
| 87      | 29.4  | 22.8  | 34.2  |
| 59      | 11.4  | 9.1   | 13.7  |







#23

Vinyl Acetate

Concen: 512.21 ug/l

RT: 6.26 min Scan# 715

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 913062

Ion Ratio Lower Upper

43 100

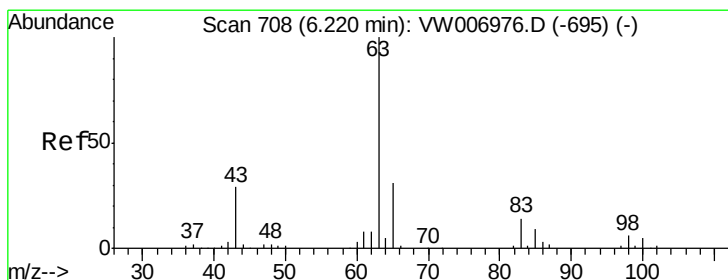
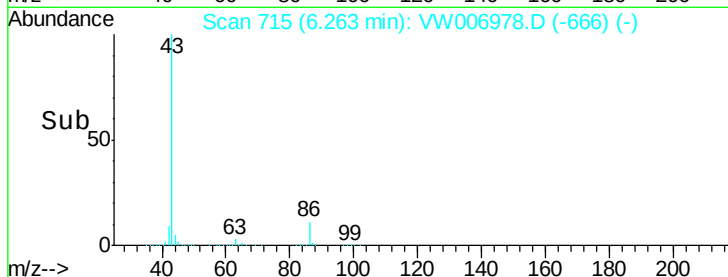
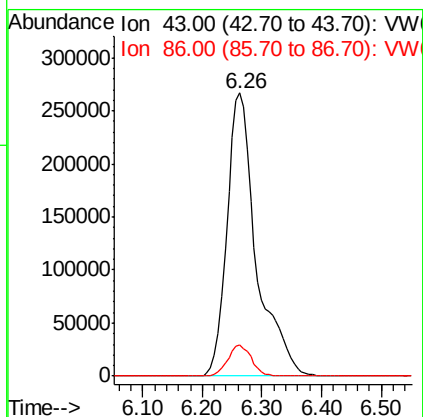
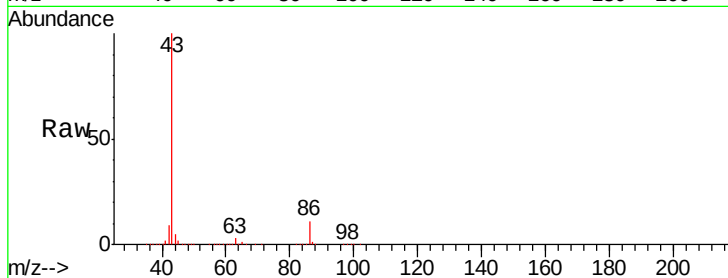
86 11.2 8.7 13.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 100.81 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

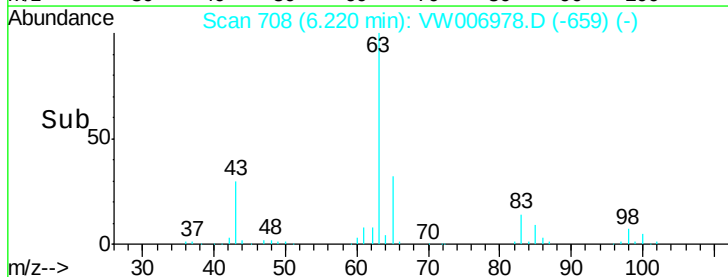
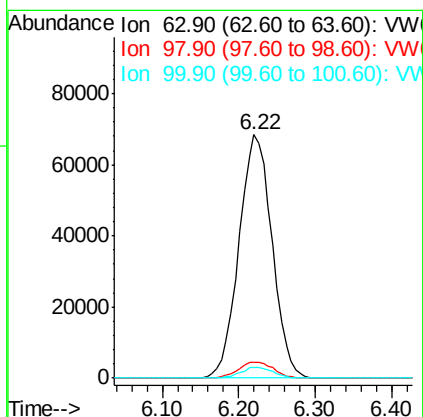
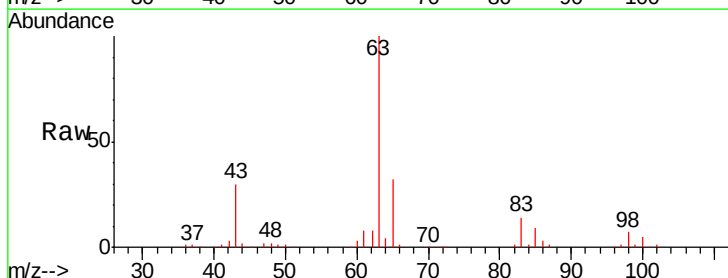
Tgt Ion: 63 Resp: 205859

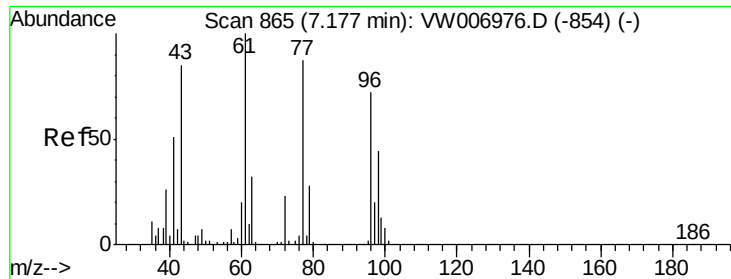
Ion Ratio Lower Upper

63 100

98 6.6 3.1 9.4

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 486.10 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 135947

Ion Ratio Lower Upper

43 100

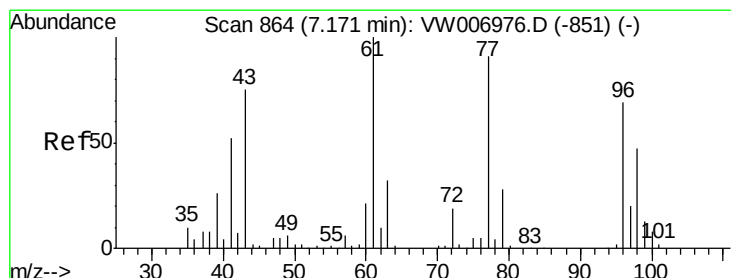
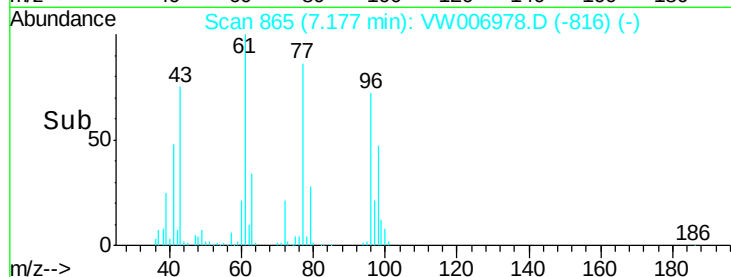
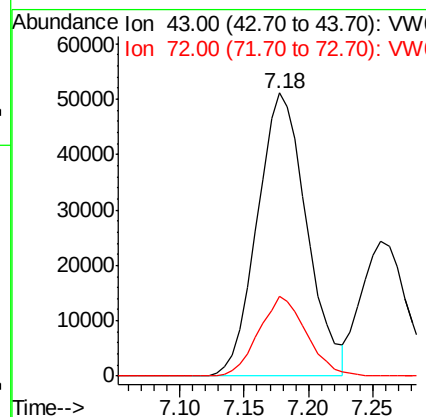
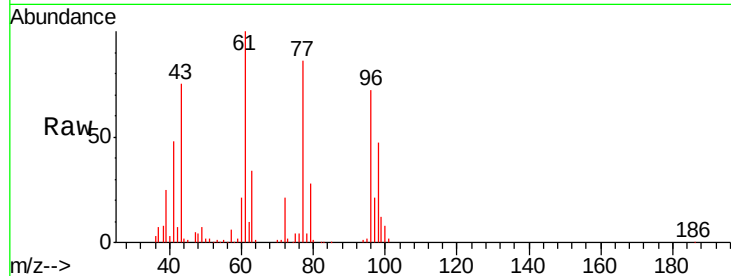
72 28.1 21.3 31.9

Manual Integrations

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11/21/2018 11:32:35 AM



#26

2,2-Dichloropropane

Concen: 94.83 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW006978.D

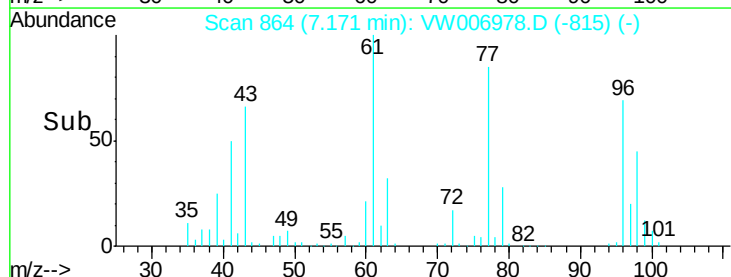
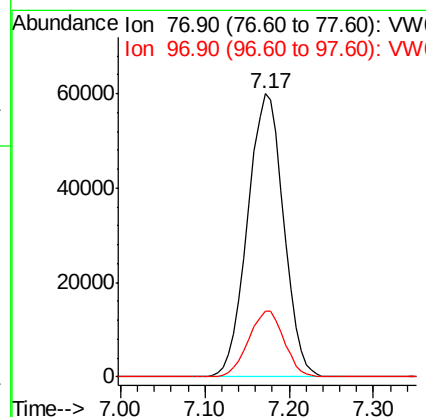
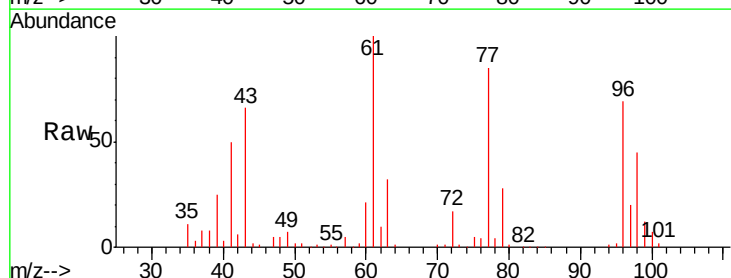
Acq: 20 Nov 2018 15:55

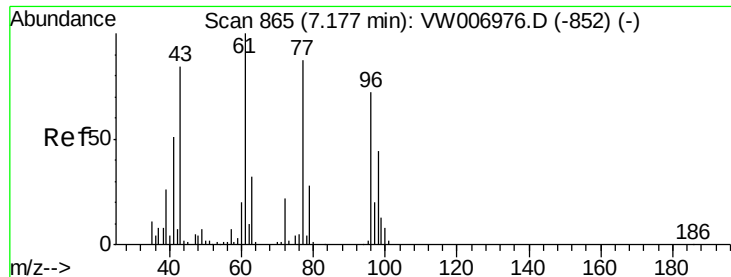
Tgt Ion: 77 Resp: 174136

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

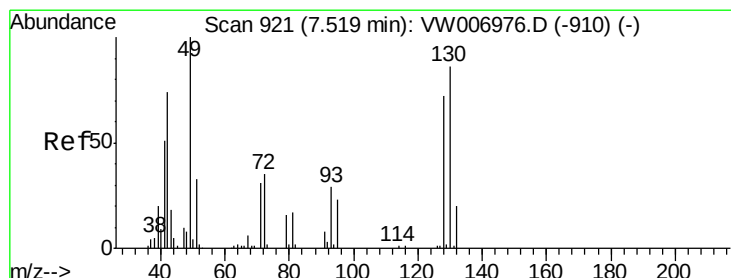
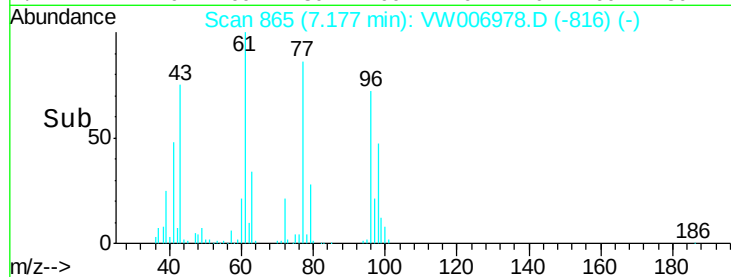
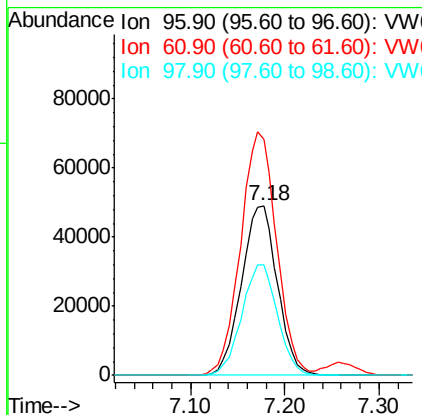
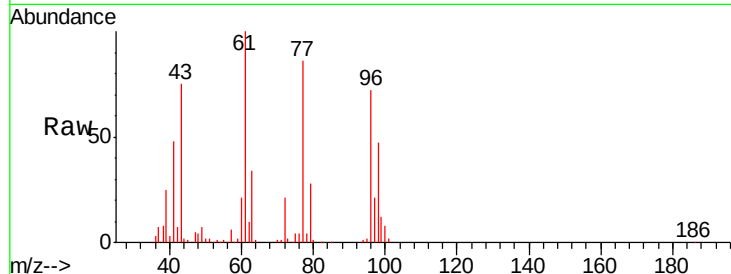
cis-1,2-Dichloroethene  
Concen: 101.23 ug/l  
RT: 7.18 min Scan# 865  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 130580 |       |       |
| 61      | 144.7 | 0.0    | 292.6 |       |
| 98      | 65.1  | 0.0    | 129.8 |       |

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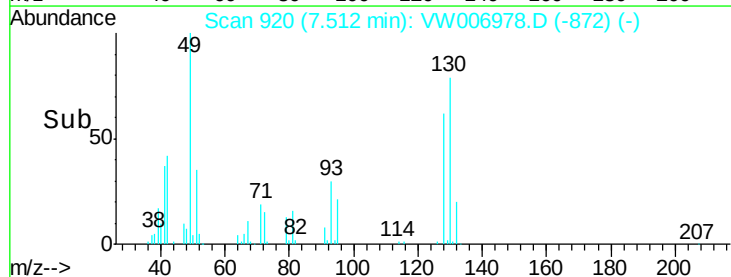
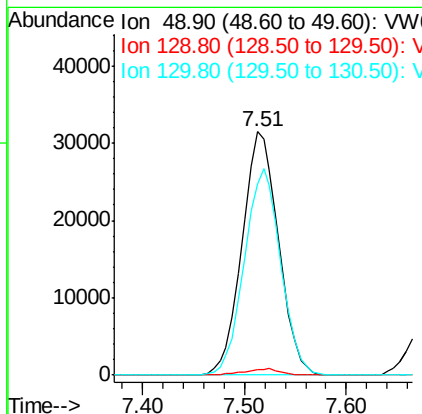
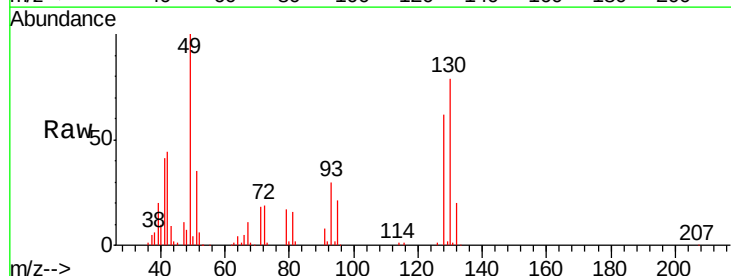
MMDadoda  
11/21/2018 11:32:35 AM

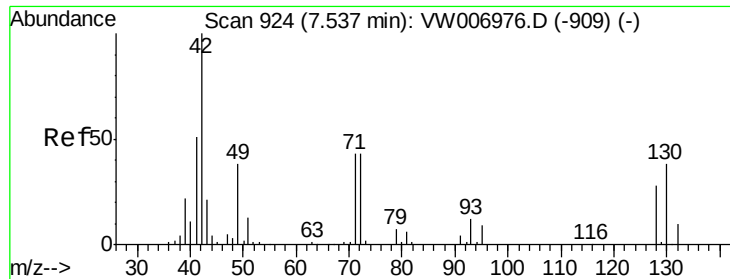


#28

Bromochloromethane  
Concen: 102.23 ug/l  
RT: 7.51 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 78028 |       |       |
| 129     | 2.4   | 0.0   | 2.0#  |       |
| 130     | 84.7  | 69.0  | 103.4 |       |





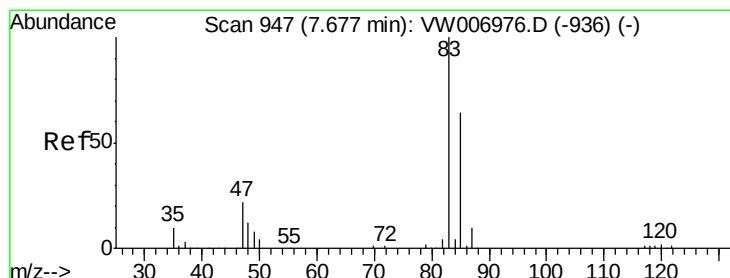
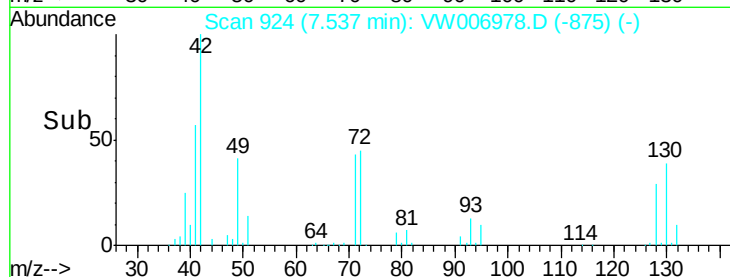
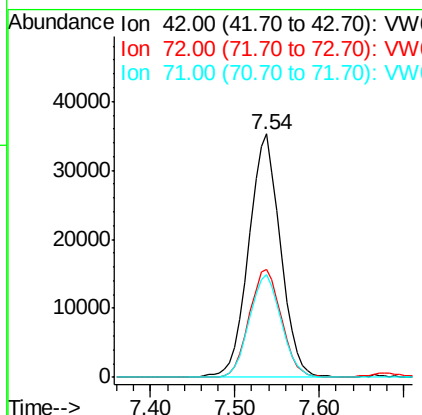
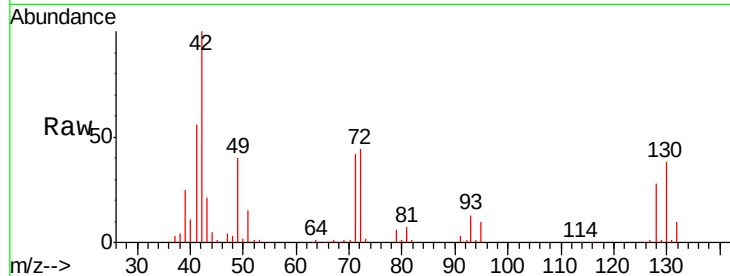
#29  
Tetrahydrofuran  
Concen: 498.60 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 45.0  | 36.2  | 54.4  |
| 71      | 42.6  | 33.8  | 50.8  |

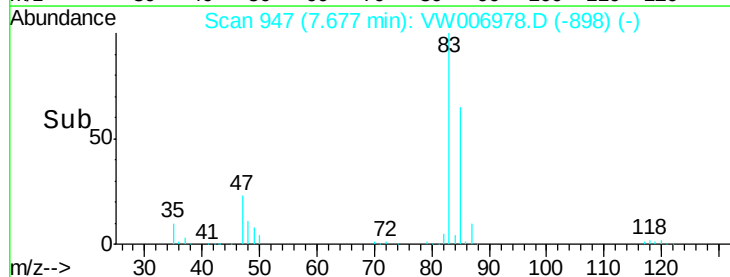
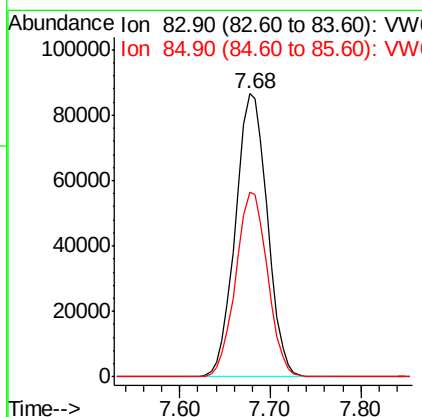
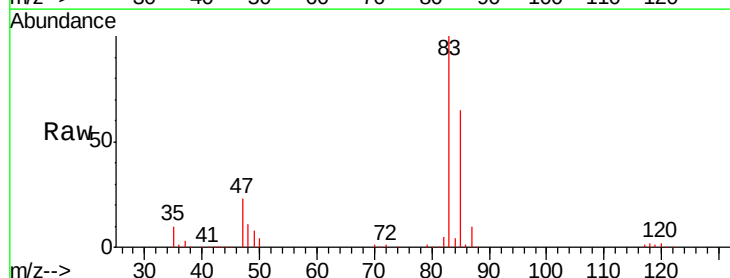
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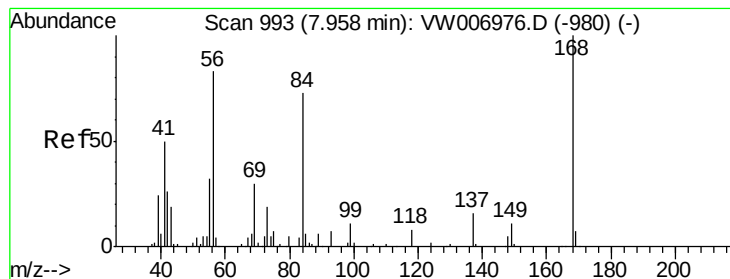
MMDadoda  
11/21/2018 11:32:35 AM



#30  
Chloroform  
Concen: 97.27 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.2  | 50.9  | 76.3  |





#31

Cyclohexane

Concen: 89.56 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

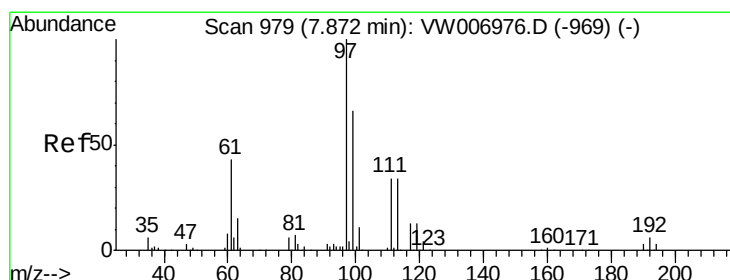
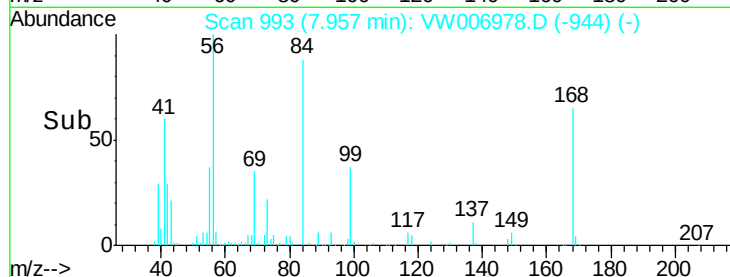
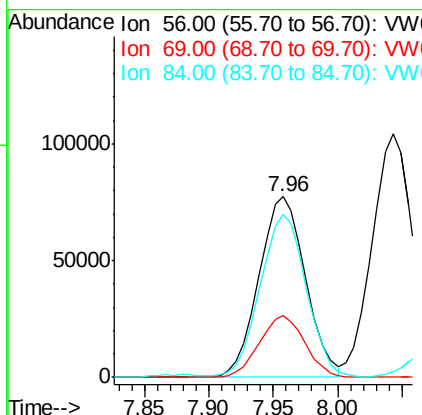
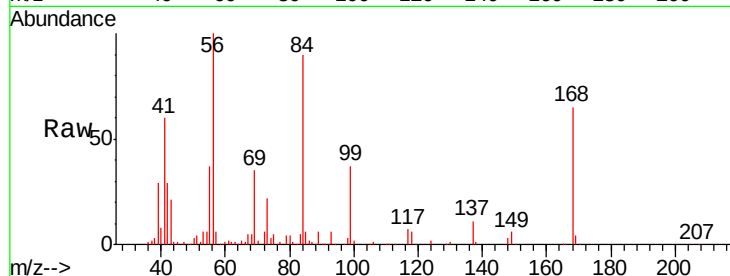
ClientSampleId :

VSTDIC100

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 56   | Resp: | 193989 |
| Ion Ratio |      | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 34.5 | 29.1  | 43.7   |
| 84        | 88.5 | 70.6  | 105.8  |

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11/21/2018 11:32:35 AM



#32

1,1,1-Trichloroethane

Concen: 96.33 ug/l

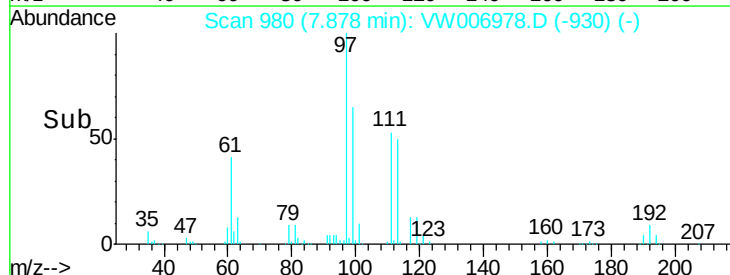
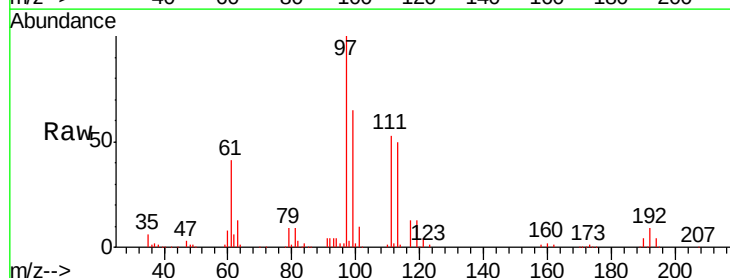
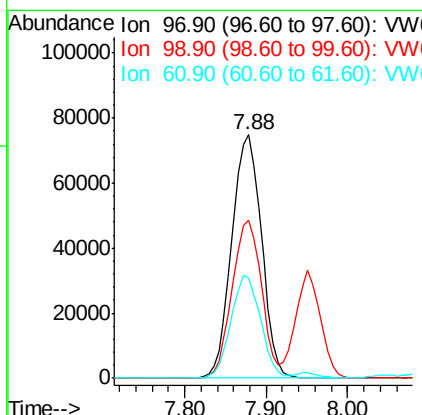
RT: 7.88 min Scan# 980

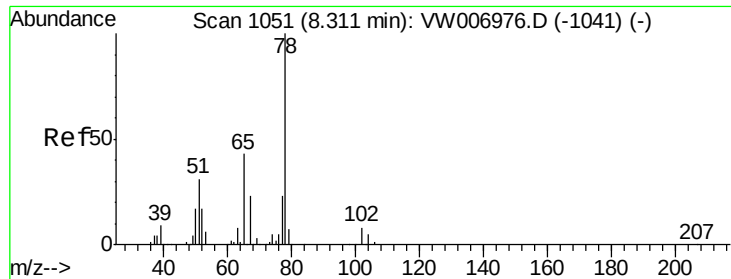
Delta R.T. 0.01 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 97   | Resp: | 188237 |
| Ion Ratio |      | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 64.3 | 51.9  | 77.9   |
| 61        | 42.0 | 33.4  | 50.2   |





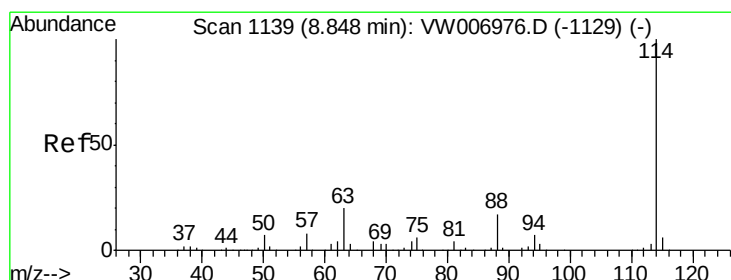
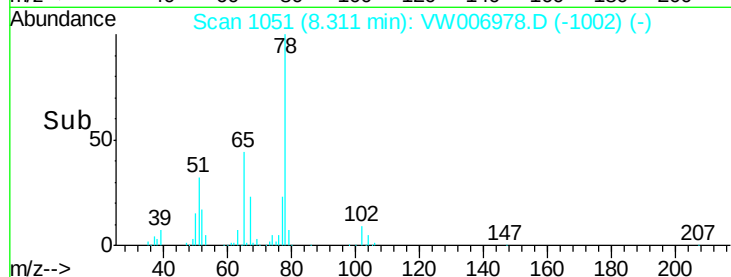
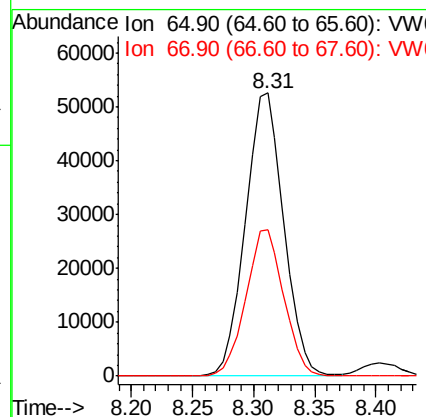
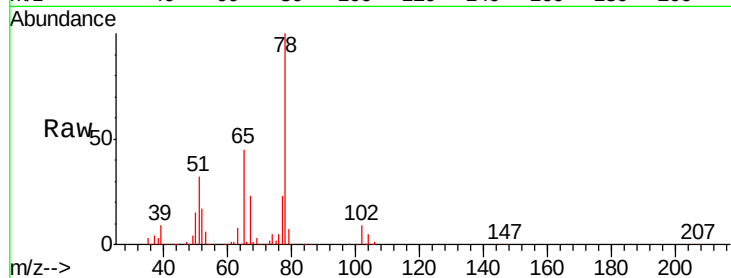
#33  
 1,2-Dichloroethane-d4  
 Concen: 101.74 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 114422 |       |       |
| 67      | 51.2  | 0.0    | 106.2 |       |

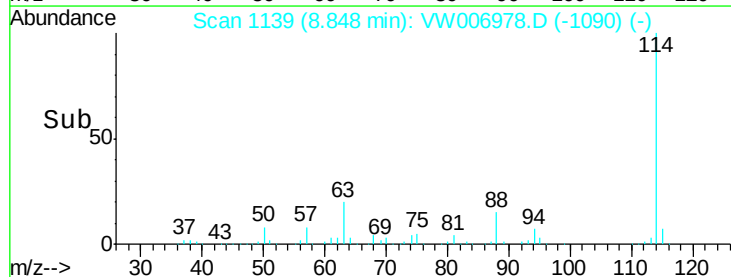
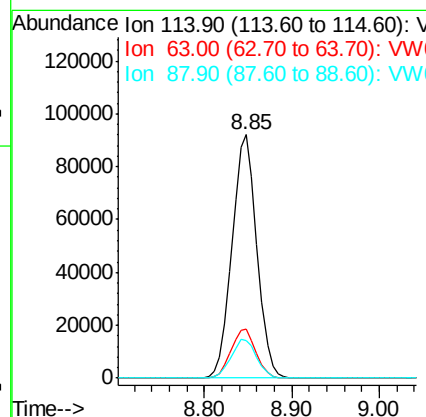
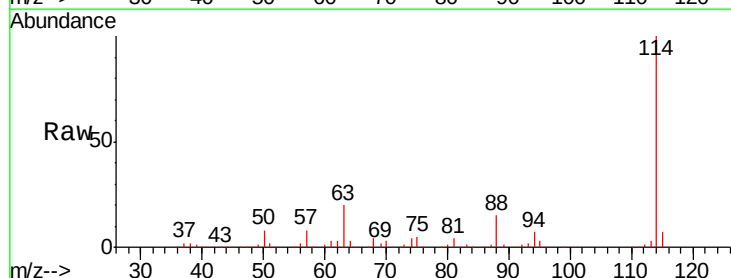
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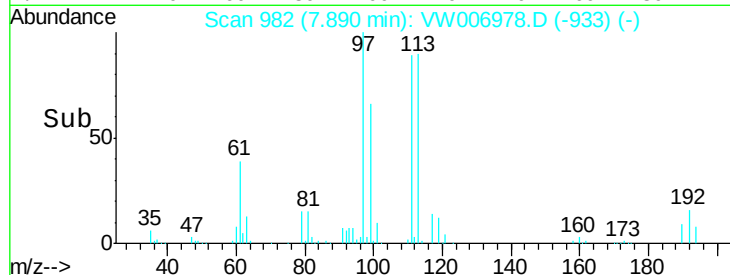
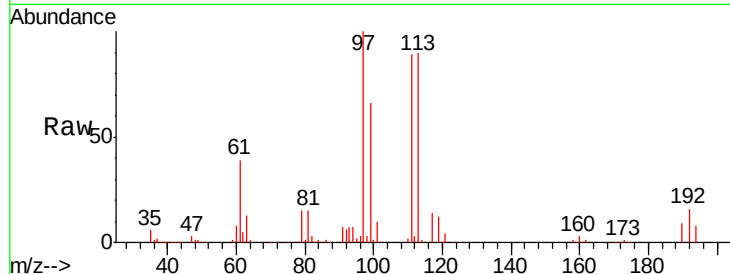
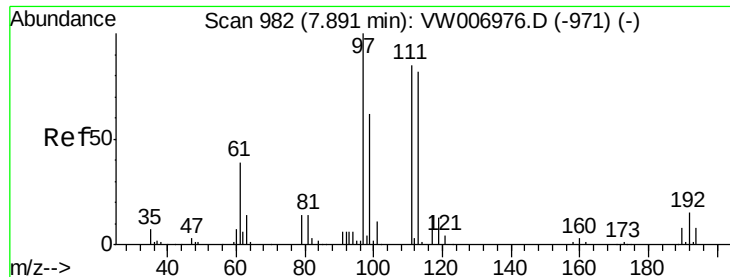
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 181103 |       |       |
| 63      | 19.9  | 0.0    | 39.4  |       |
| 88      | 15.3  | 0.0    | 34.2  |       |





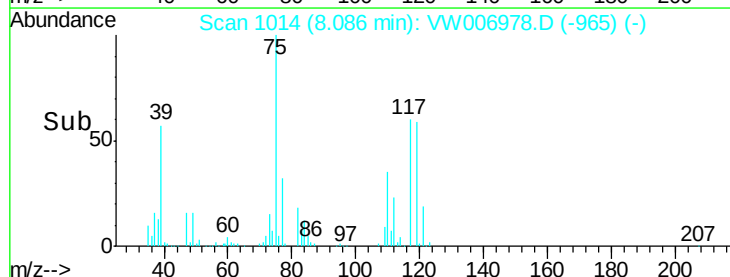
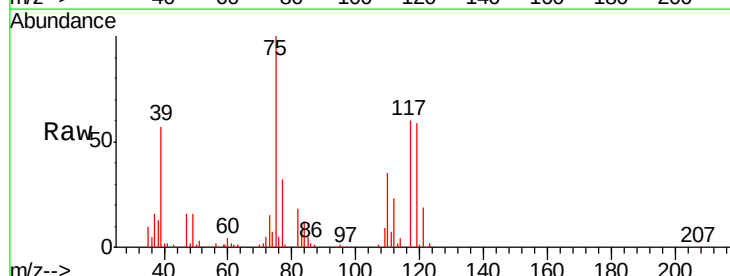
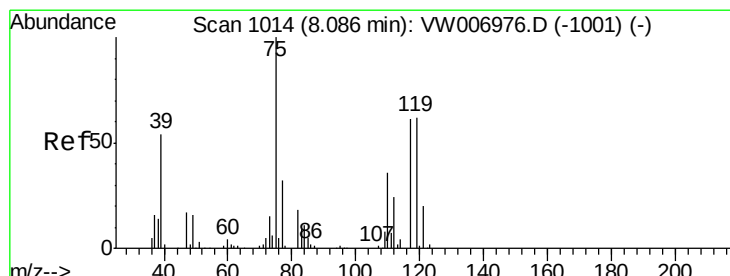
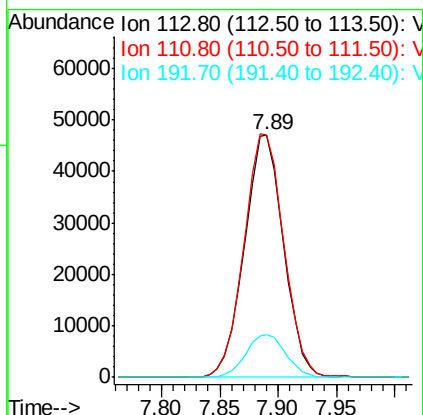
#35  
Dibromofluoromethane  
Concen: 107.55 ug/l  
RT: 7.89 min Scan# 982  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 110000 |       |       |
| 111     | 102.4 | 81.0   | 121.6 |       |
| 192     | 18.1  | 15.0   | 22.6  |       |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

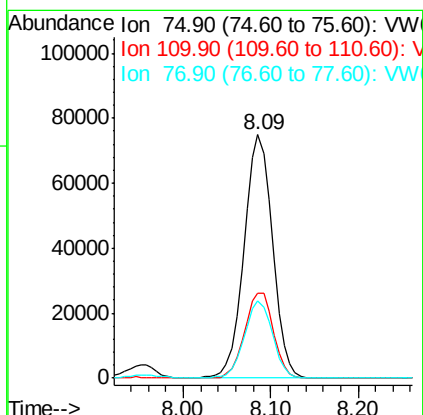
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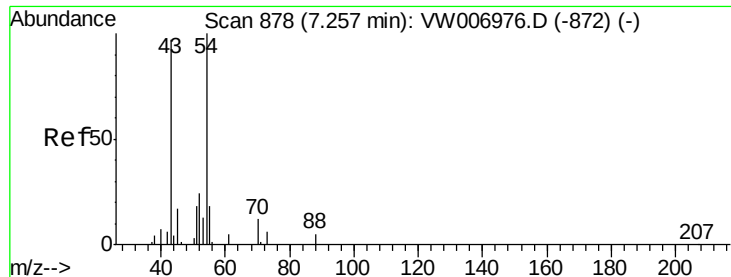
MMDadoda  
11/21/2018 11:32:35 AM



#36  
1,1-Dichloropropene  
Concen: 95.63 ug/l  
RT: 8.09 min Scan# 1014  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 169244 |       |       |
| 110     | 35.4  | 18.0   | 54.0  |       |
| 77      | 31.5  | 24.9   | 37.3  |       |





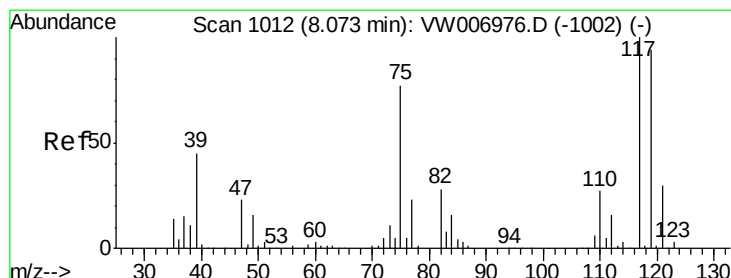
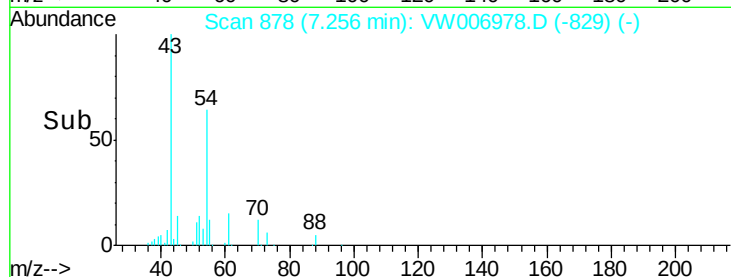
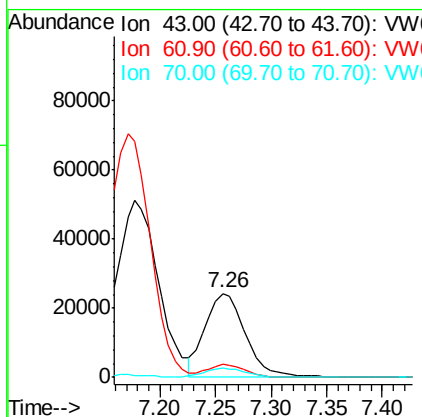
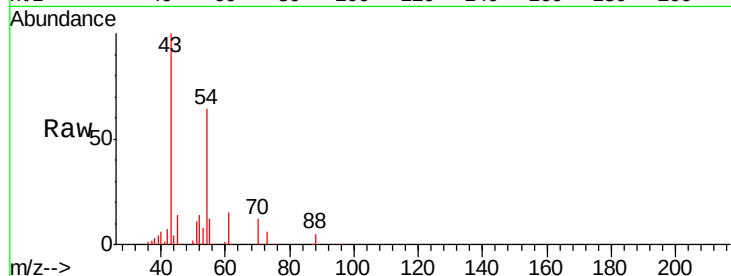
#37  
Ethyl Acetate  
Concen: 94.61 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.1  | 10.4  | 15.6  |
| 70      | 11.2  | 8.8   | 13.2  |

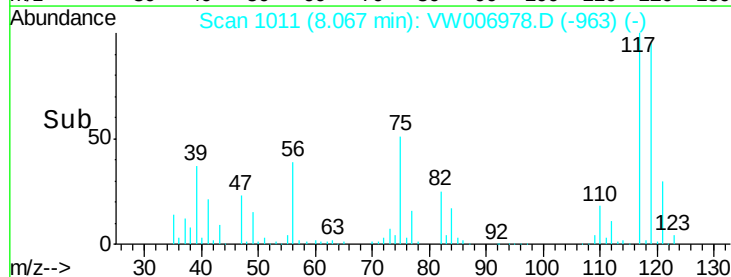
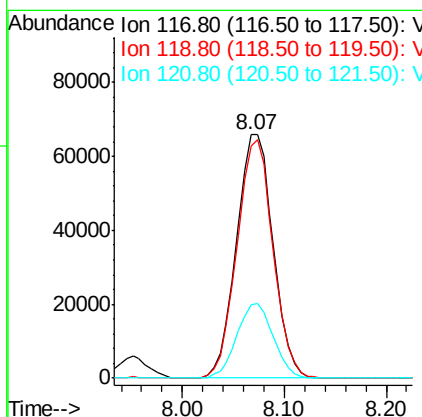
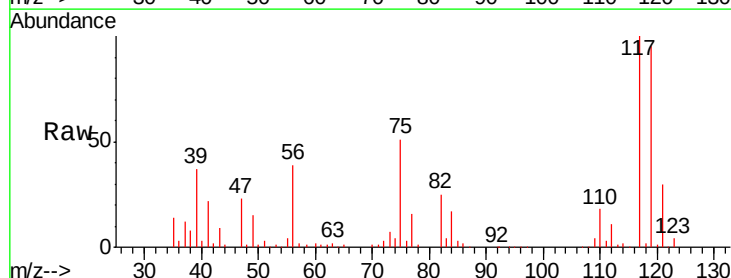
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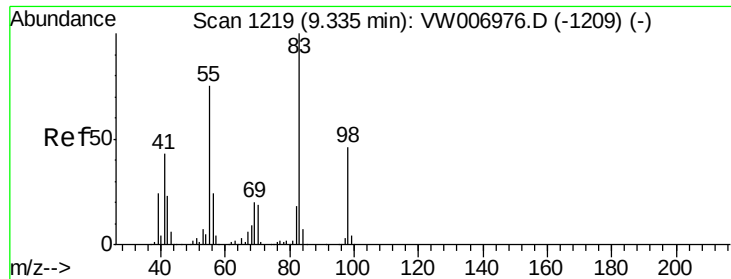


#38  
Carbon Tetrachloride  
Concen: 96.93 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.2  | 74.9  | 112.3 |
| 121     | 30.0  | 23.6  | 35.4  |







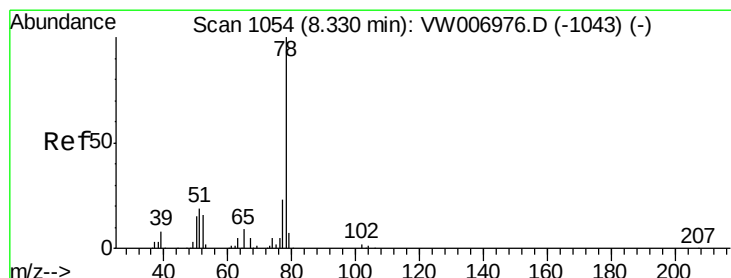
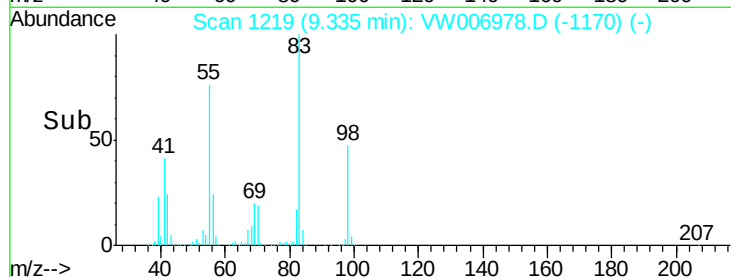
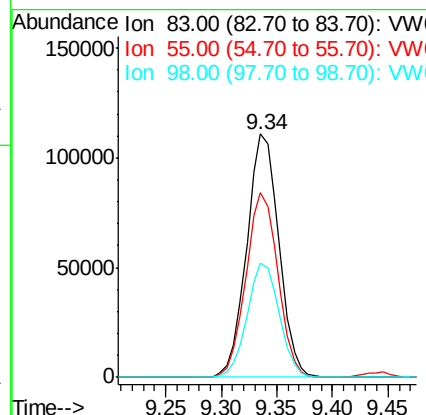
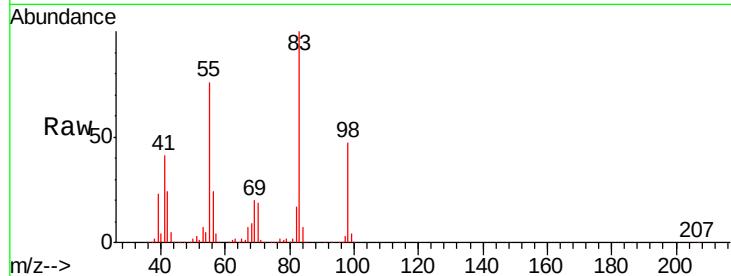
#39  
Methylcyclohexane  
Concen: 100.73 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.0  | 59.6  | 89.4  |
| 98      | 46.8  | 37.1  | 55.7  |

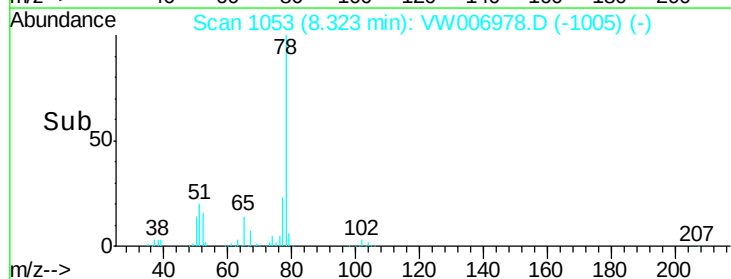
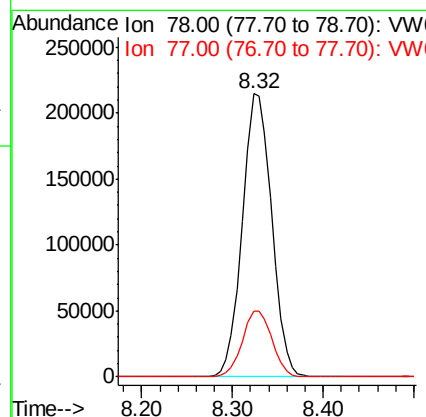
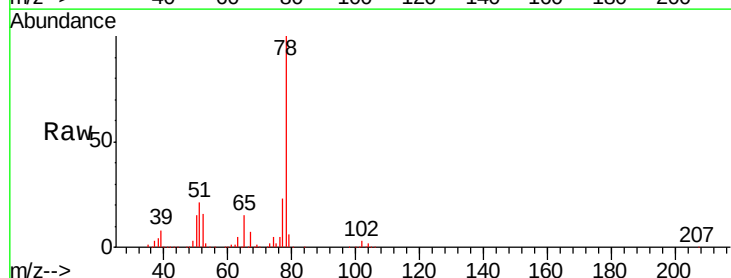
Manual Integrations  
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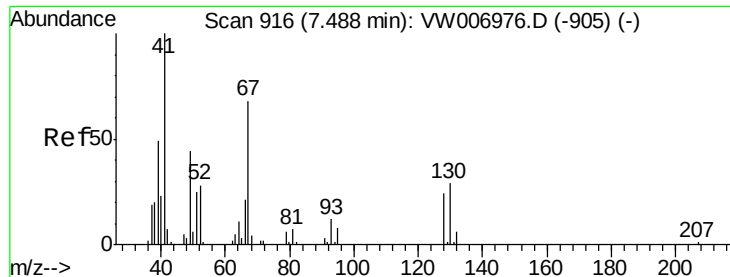
MMDadoda  
11/21/2018 11:32:35 AM



#40  
Benzene  
Concen: 100.79 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 18.6  | 28.0  |





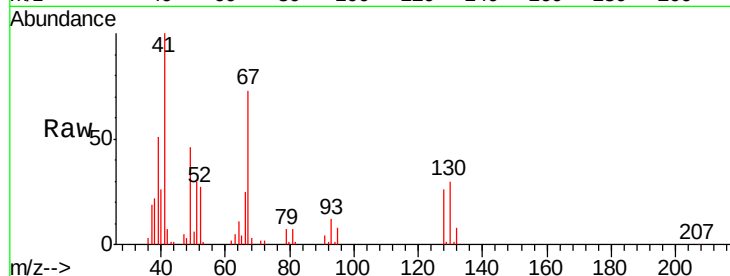
#41  
Methacrylonitrile  
Concen: 97.17 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

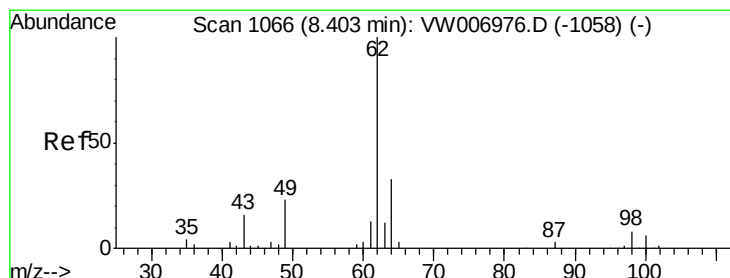
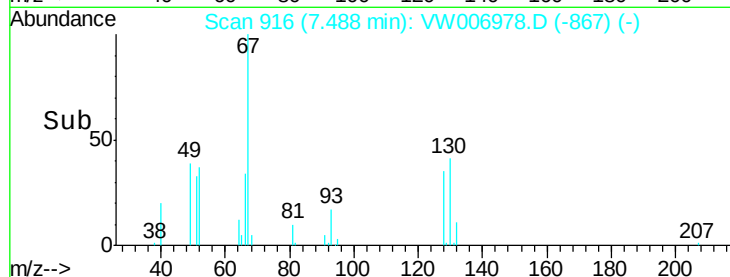
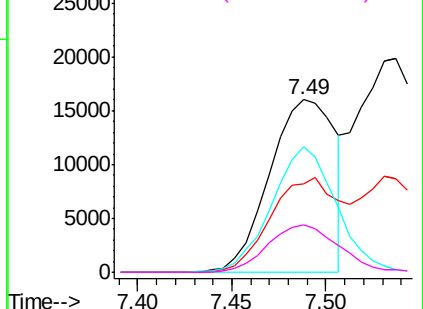
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 59.6  | 48.6  | 73.0  |
| 67      | 71.6  | 59.8  | 89.8  |
| 52      | 29.5  | 24.8  | 37.2  |

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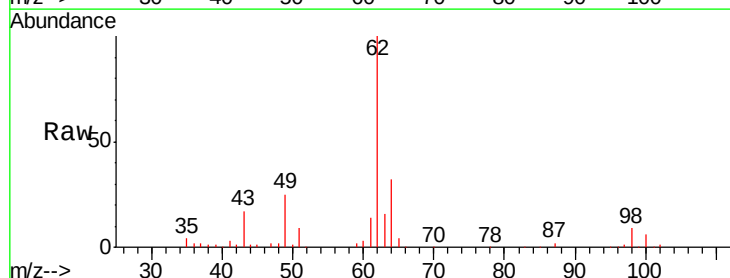


Abundance Ion 41.00 (40.70 to 41.70): VW  
Ion 39.00 (38.70 to 39.70): VW  
Ion 67.00 (66.70 to 67.70): VW  
Ion 52.00 (51.70 to 52.70): VW

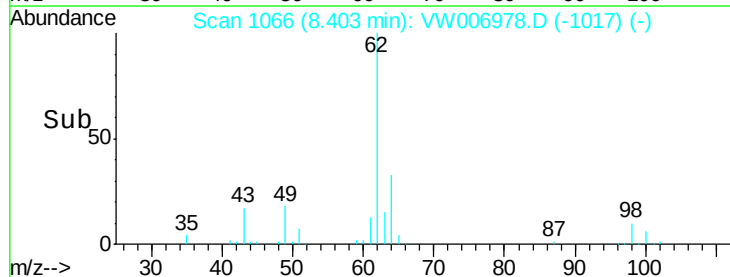
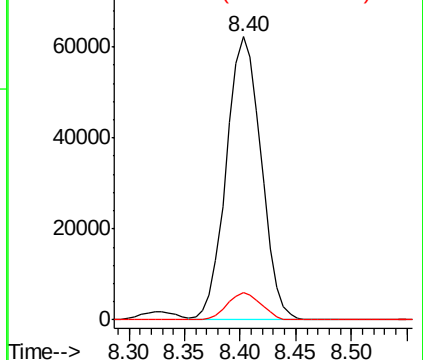


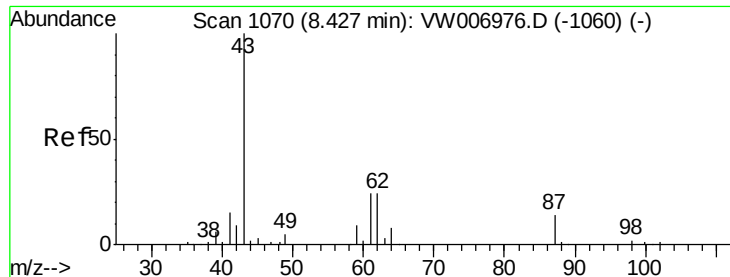
#42  
1,2-Dichloroethane  
Concen: 97.60 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.2   | 0.0   | 18.6  |



Abundance Ion 61.90 (61.60 to 62.60): VW  
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 103.73 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

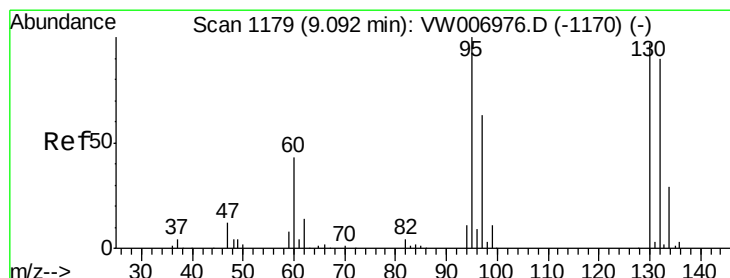
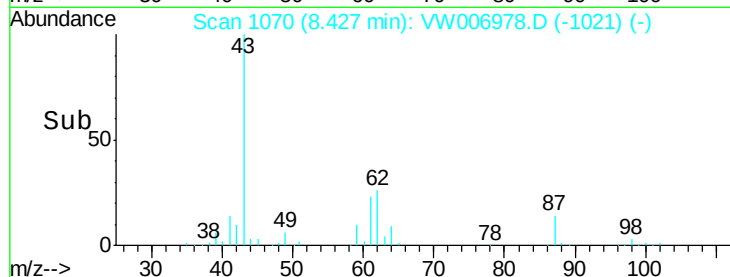
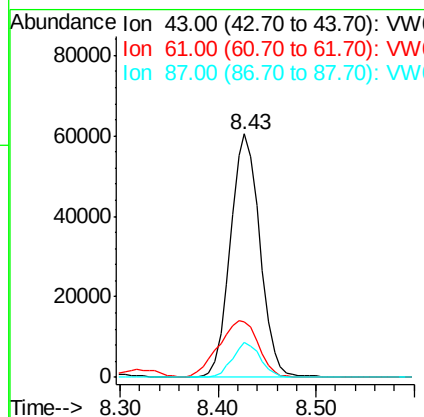
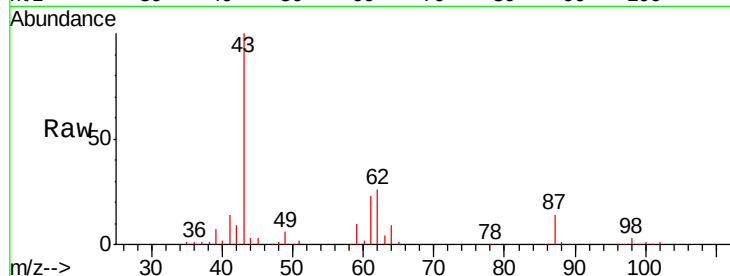
ClientSampleId :

VSTDIC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 126773 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 31.5  | 26.1  | 39.1   |
| 87       | 13.6  | 11.2  | 16.8   |

Manual Integrations  
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#44

Trichloroethene

Concen: 98.71 ug/l

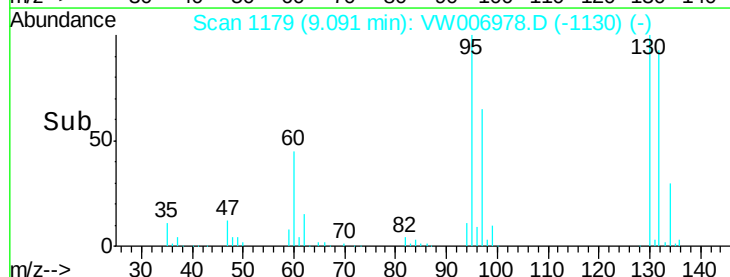
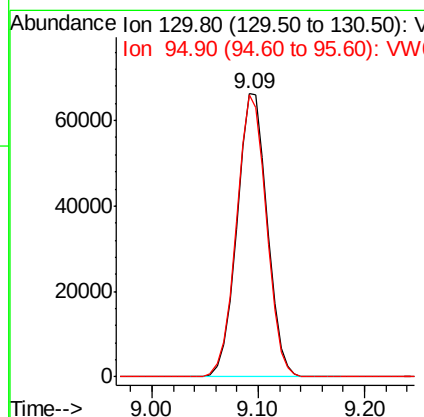
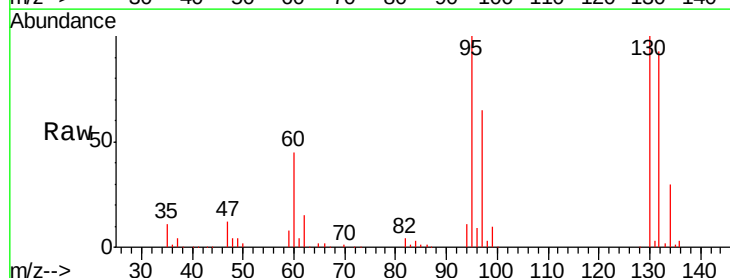
RT: 9.09 min Scan# 1179

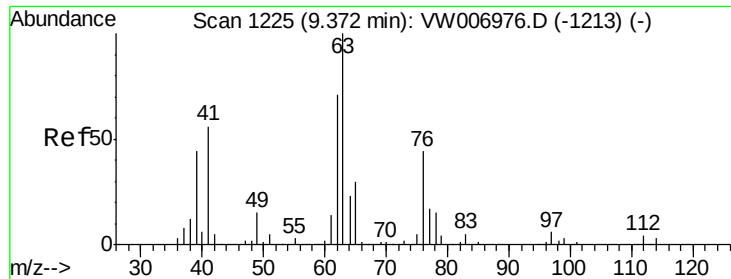
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 132195 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 99.6  | 0.0   | 206.4  |





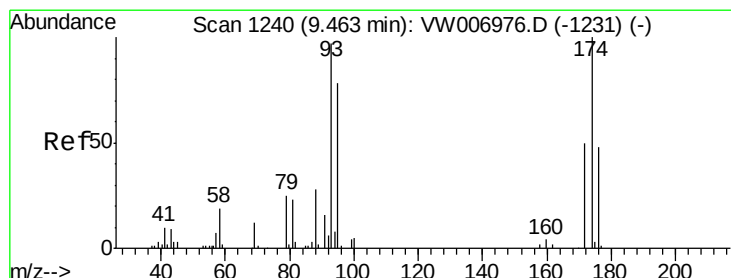
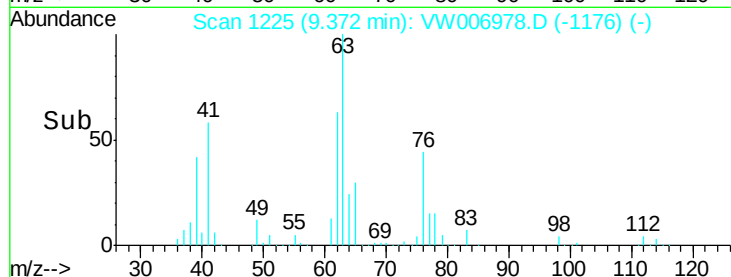
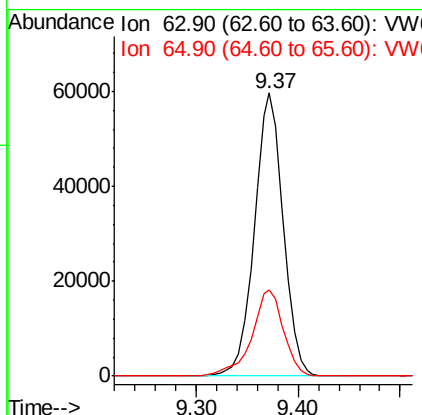
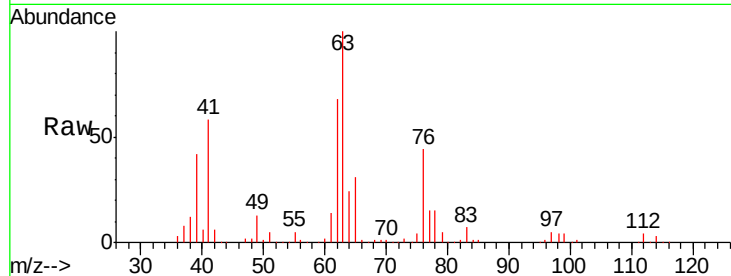
#45  
 1,2-Dichloropropane  
 Concen: 99.40 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 63 Resp: 117050  
 Ion Ratio Lower Upper  
 63 100  
 65 30.7 24.4 36.6

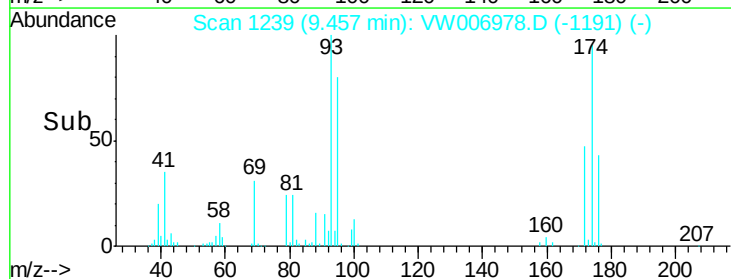
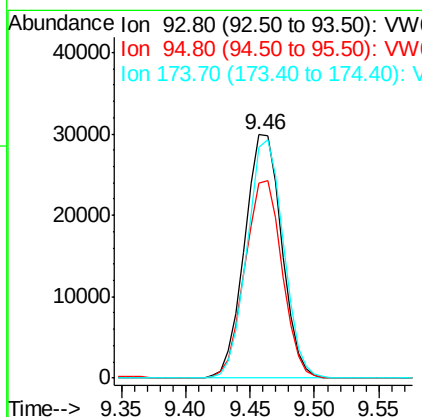
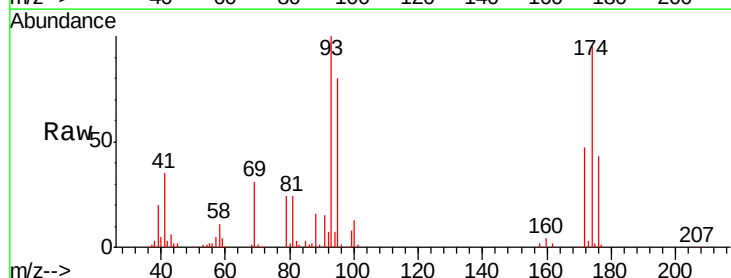
Manual Integrations  
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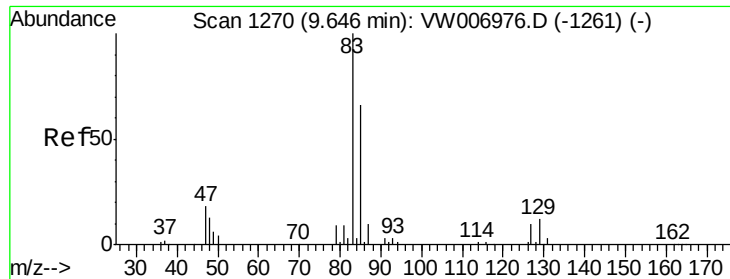
MMDadoda  
 11/21/2018 11:32:35 AM



#46  
 Dibromomethane  
 Concen: 100.90 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Tgt Ion: 93 Resp: 59506  
 Ion Ratio Lower Upper  
 93 100  
 95 81.3 66.1 99.1  
 174 96.0 79.7 119.5





#47

Bromodichloromethane

Concen: 97.45 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

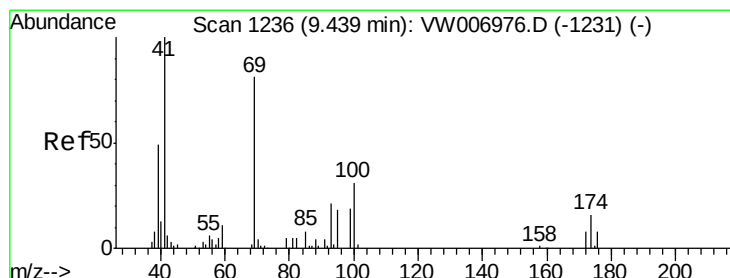
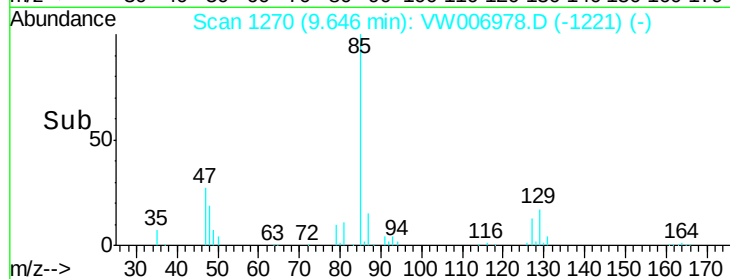
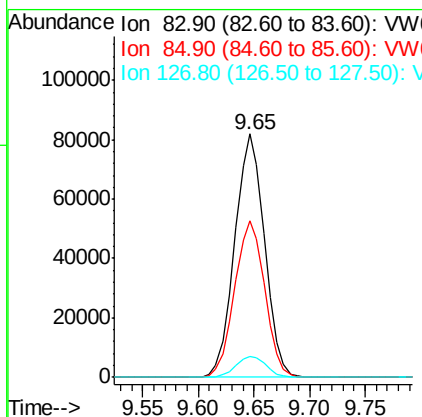
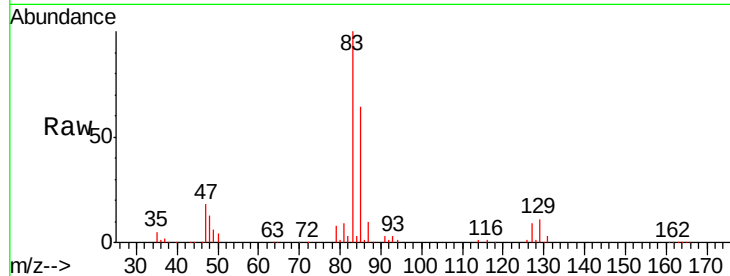
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 151407 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.3  | 52.9  | 79.3   |
| 127       | 8.6   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 102.86 ug/l

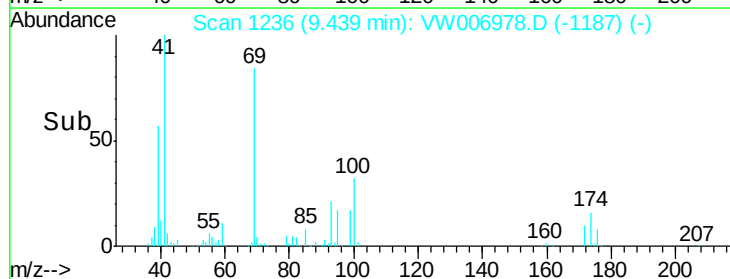
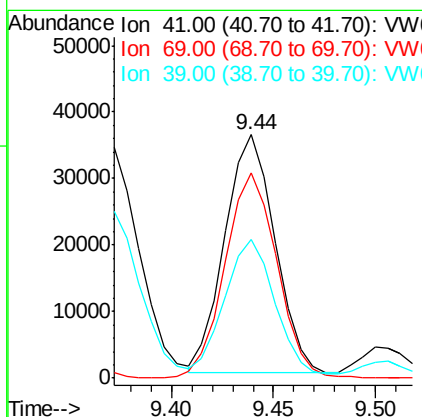
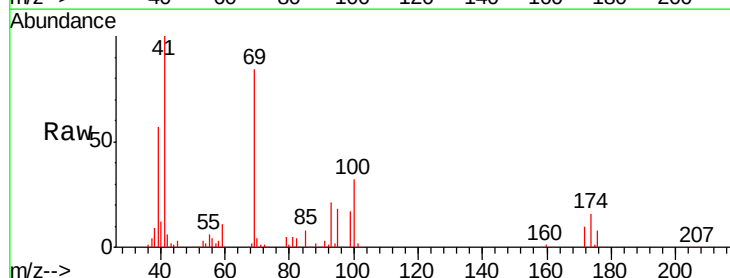
RT: 9.44 min Scan# 1236

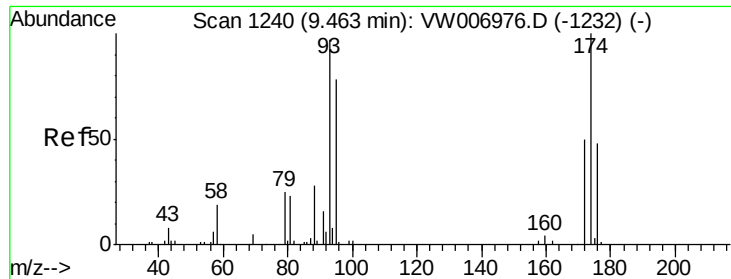
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 60616 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 90.4  | 71.4  | 107.0 |
| 39        | 56.2  | 44.8  | 67.2  |





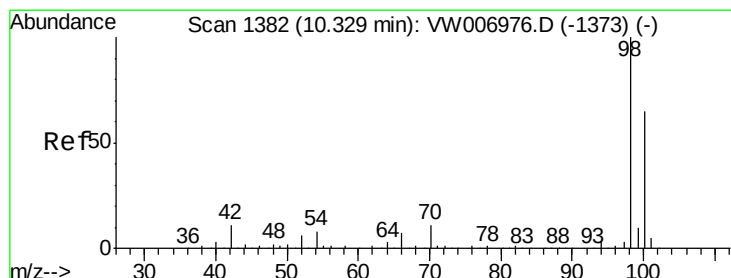
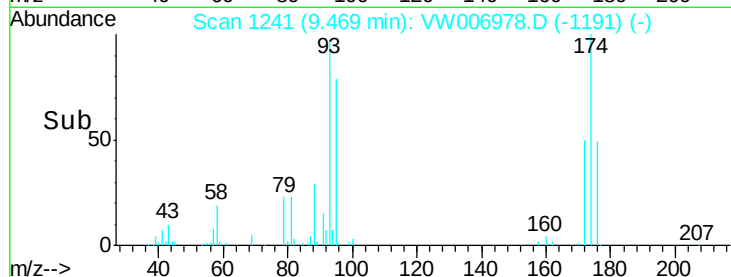
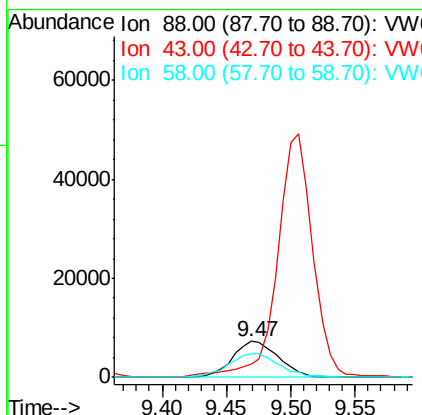
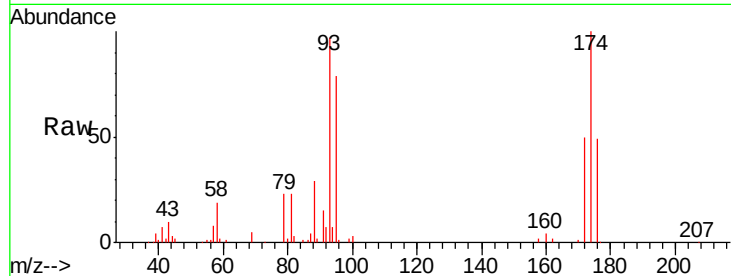
#49  
1,4-Dioxane  
Concen: 2026.55 ug/l  
RT: 9.47 min Scan# 1241  
Delta R.T. 0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 17763 |       |       |
| 43      | 0.0   | 0.0   | 0.0   | 0.0   |
| 58      | 74.4  | 59.0  | 88.6  |       |

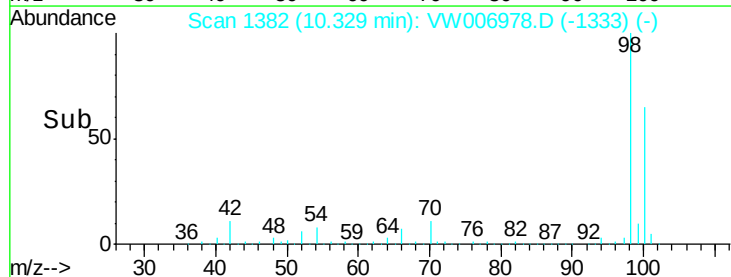
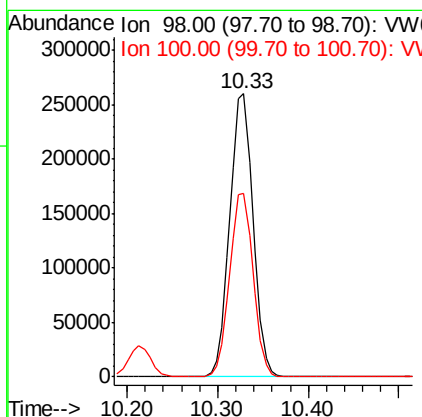
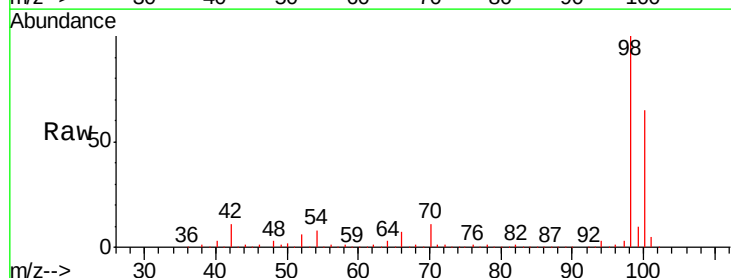
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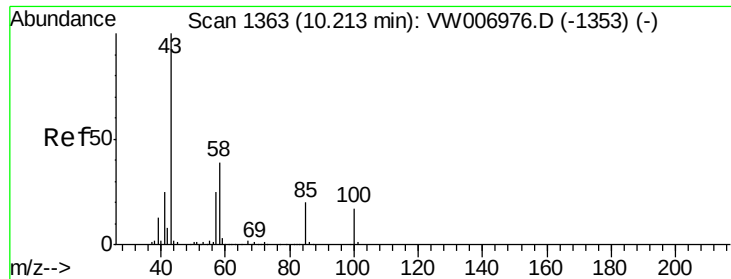
MMDadoda  
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#50  
Toluene-d8  
Concen: 103.10 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 465636 |       |       |
| 100     | 65.3  | 52.2   | 78.2  |       |





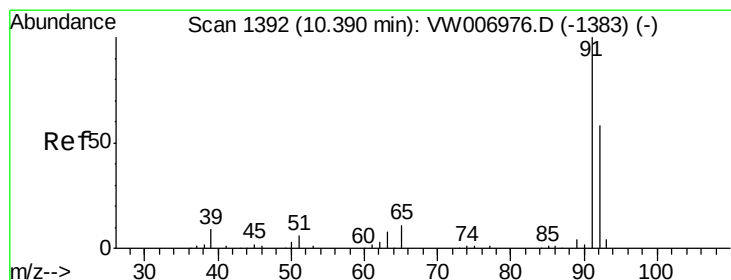
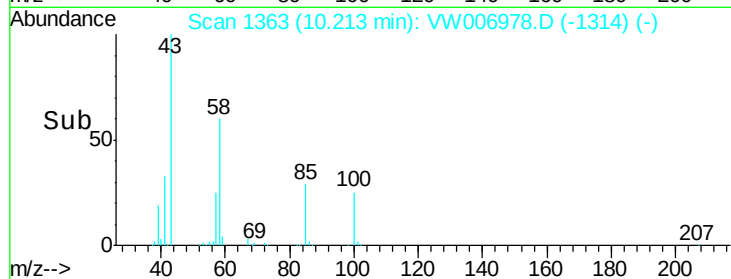
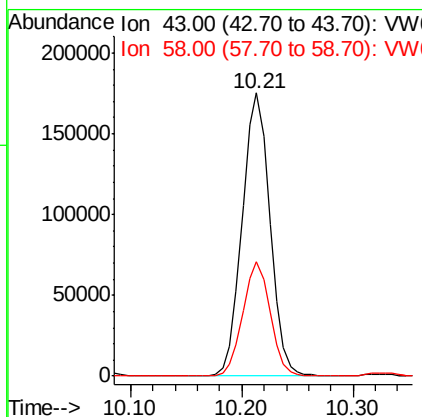
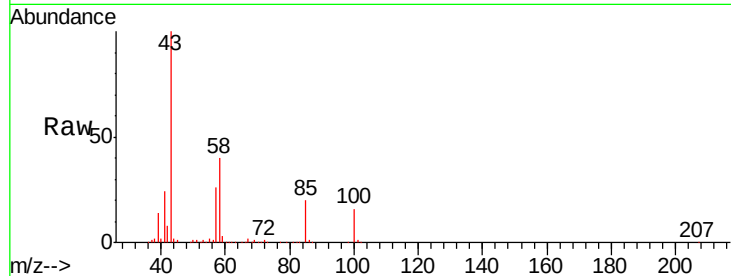
#51  
 4-Methyl-2-Pentanone  
 Concen: 493.46 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 43 Resp: 304763  
 Ion Ratio Lower Upper  
 43 100  
 58 39.7 31.8 47.6

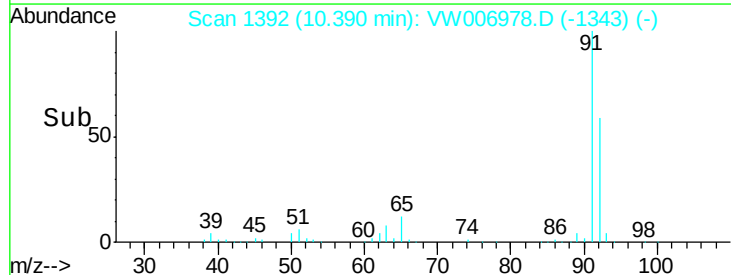
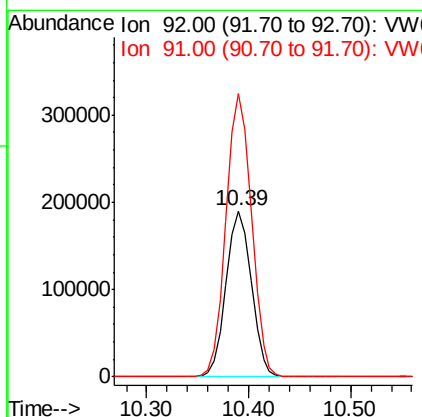
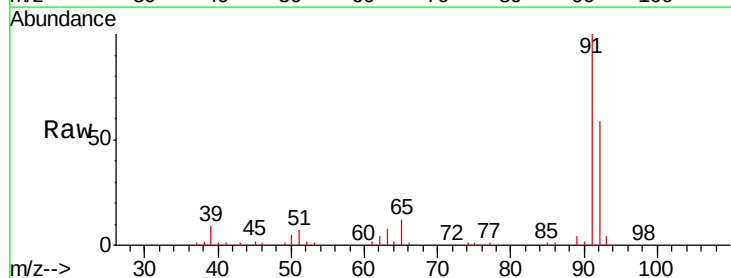
Manual Integrations  
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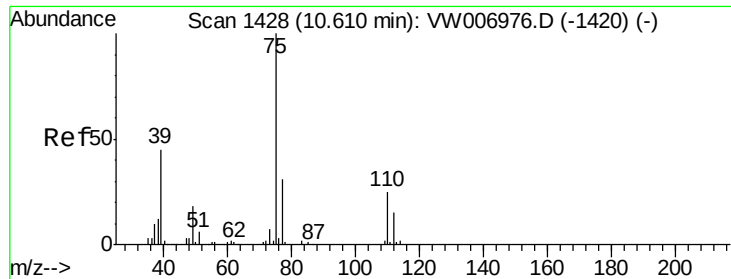
MMDadoda  
 11/21/2018 11:32:35 AM



#52  
 Toluene  
 Concen: 100.62 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Tgt Ion: 92 Resp: 327139  
 Ion Ratio Lower Upper  
 92 100  
 91 171.8 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 104.74 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC100

Tgt Ion: 75 Resp: 157651

Ion Ratio Lower Upper

75 100

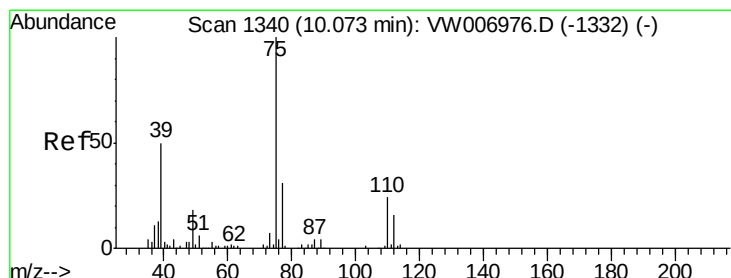
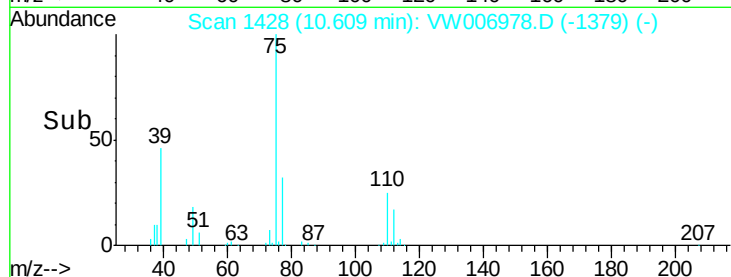
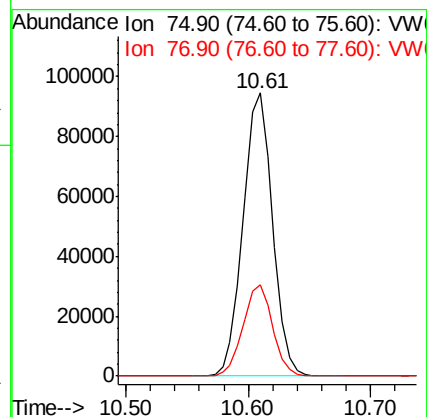
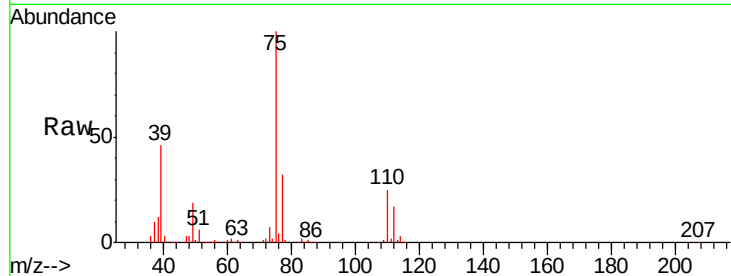
77 32.1 24.7 37.1

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#54

cis-1,3-Dichloropropene

Concen: 102.49 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

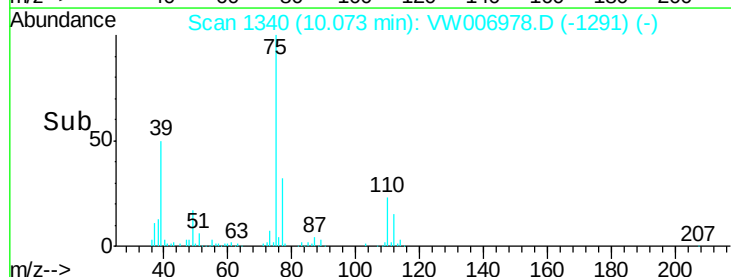
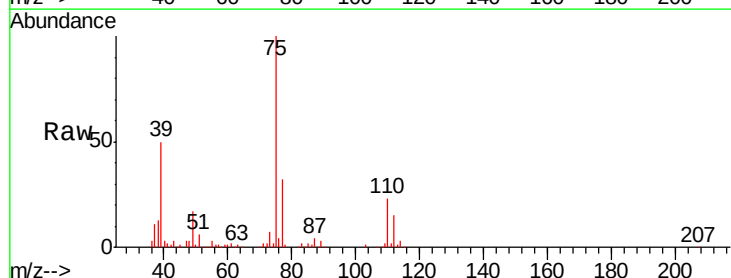
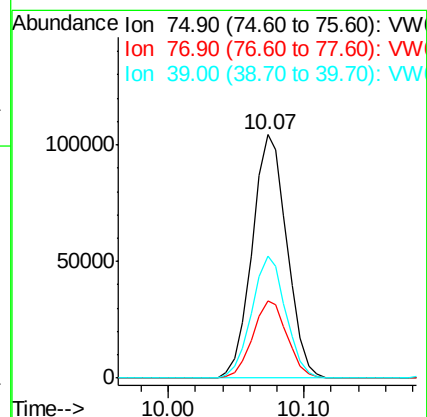
Tgt Ion: 75 Resp: 186370

Ion Ratio Lower Upper

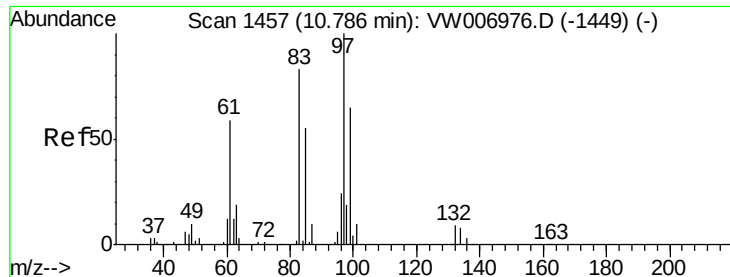
75 100

77 31.7 25.0 37.6

39 50.3 39.9 59.9







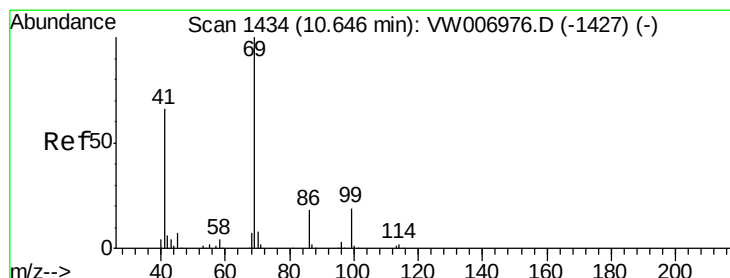
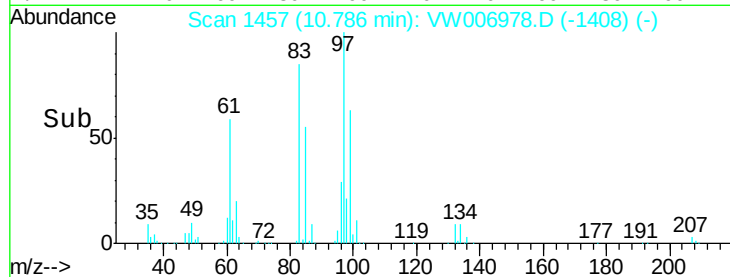
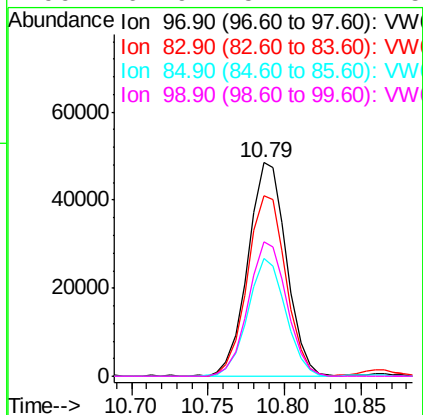
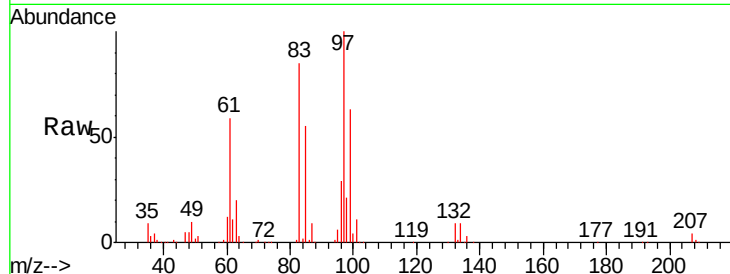
#55  
 1,1,2-Trichloroethane  
 Concen: 98.11 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 97      | 100   | 85123 |       |       |
| 83      | 84.7  | 66.4  | 99.6  |       |
| 85      | 55.2  | 44.1  | 66.1  |       |
| 99      | 62.9  | 51.7  | 77.5  |       |

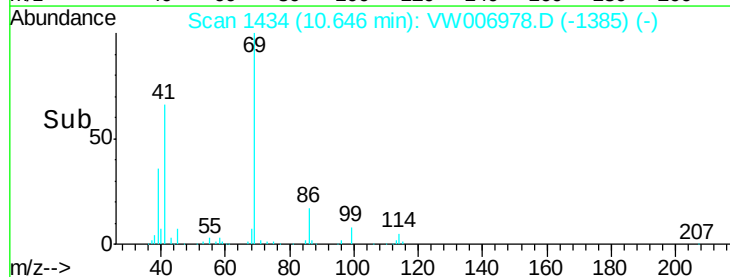
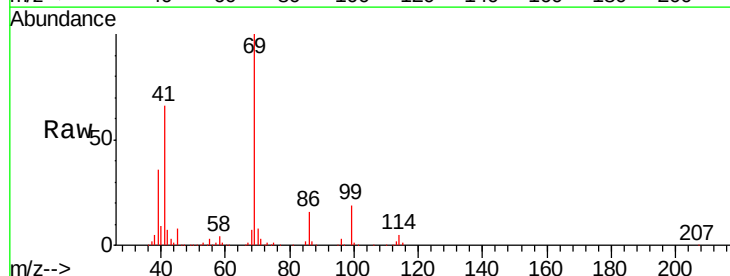
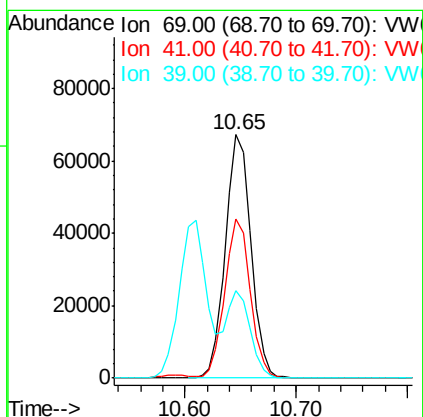
Manual Integrations  
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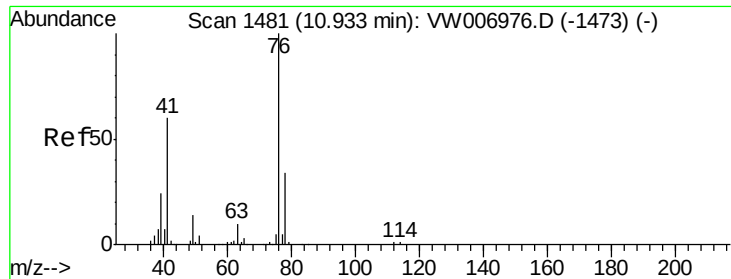
MMDadoda  
 11/21/2018 11:32:35 AM



#56  
 Ethyl methacrylate  
 Concen: 106.48 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 107241 |       |       |
| 41      | 65.3  | 53.4   | 80.0  |       |
| 39      | 34.5  | 28.2   | 42.4  |       |





#57

1,3-Dichloropropane

Concen: 100.27 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tgt Ion: 76 Resp: 145795

Ion Ratio Lower Upper

76 100

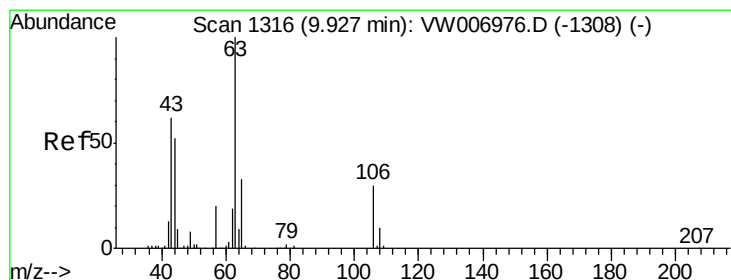
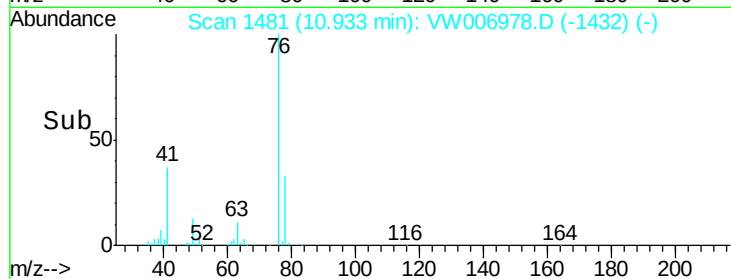
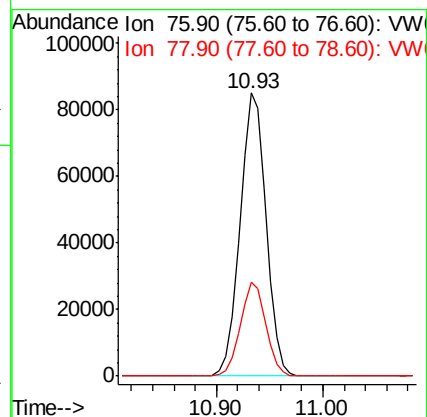
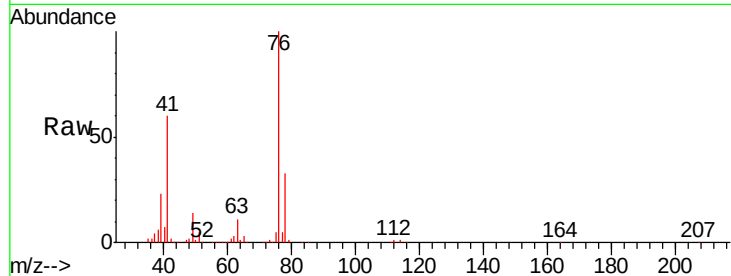
78 32.5 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 480.78 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW006978.D

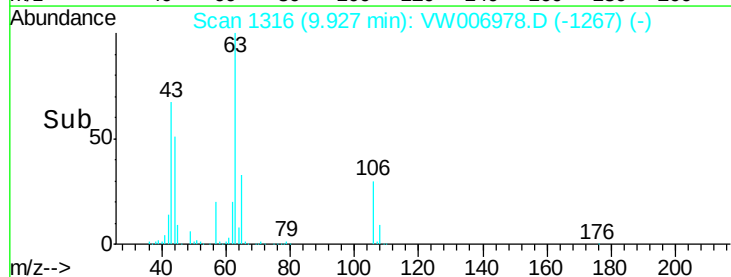
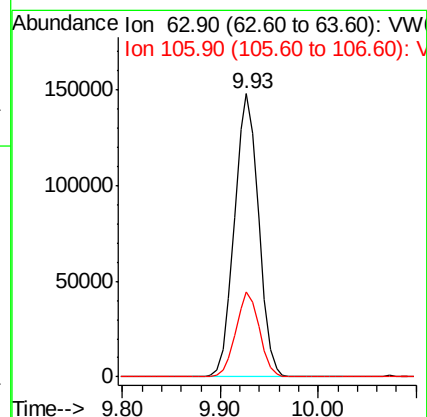
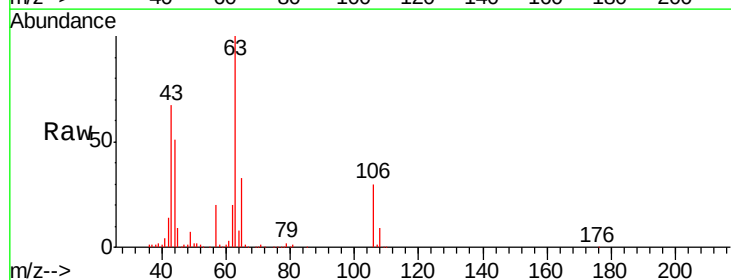
Acq: 20 Nov 2018 15:55

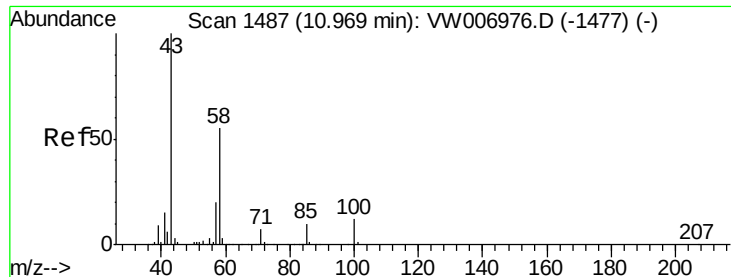
Tgt Ion: 63 Resp: 253026

Ion Ratio Lower Upper

63 100

106 29.3 23.5 35.3





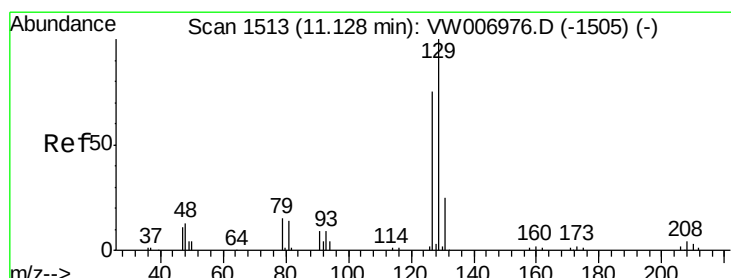
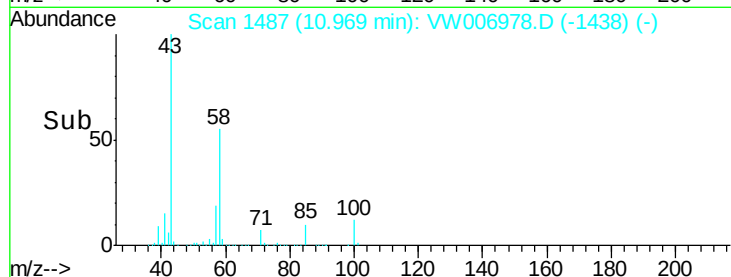
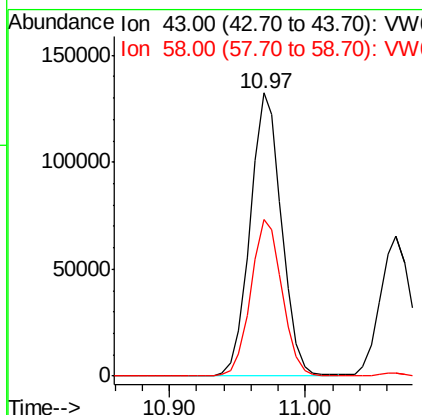
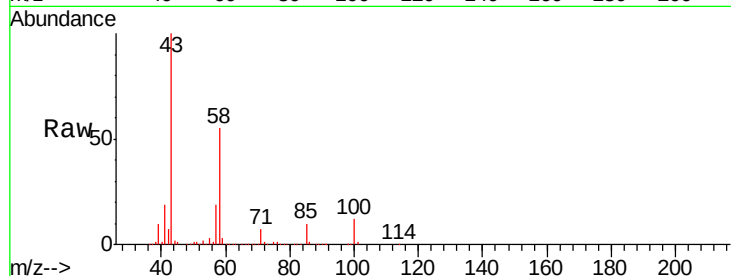
#59  
2-Hexanone  
Concen: 506.21 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion: 43 Resp: 214092  
Ion Ratio Lower Upper  
43 100  
58 55.2 27.3 81.8

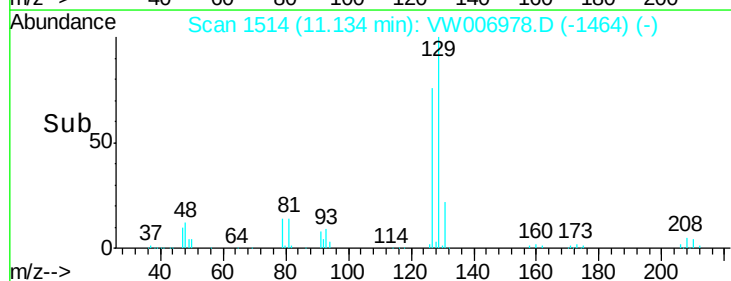
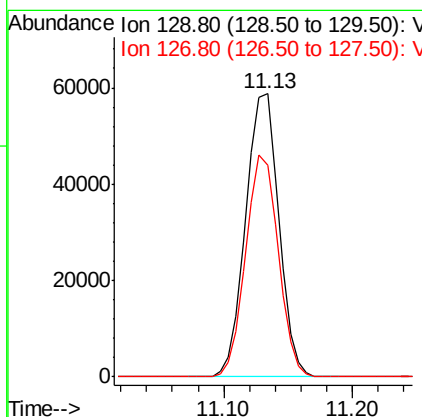
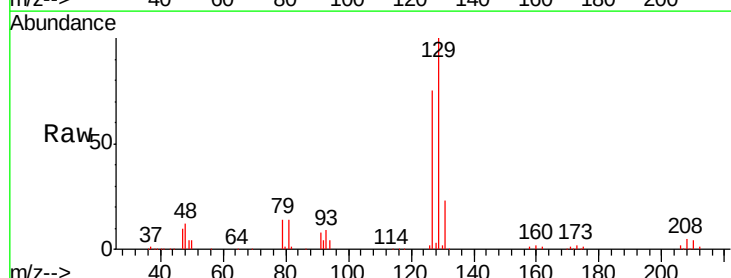
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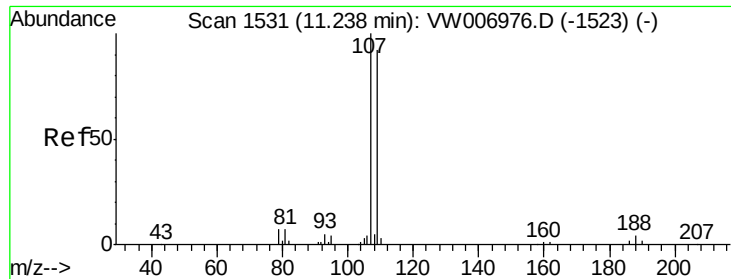
MMDadoda  
11/21/2018 11:32:35 AM



#60  
Dibromochloromethane  
Concen: 106.03 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion: 129 Resp: 104831  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.3 114.8





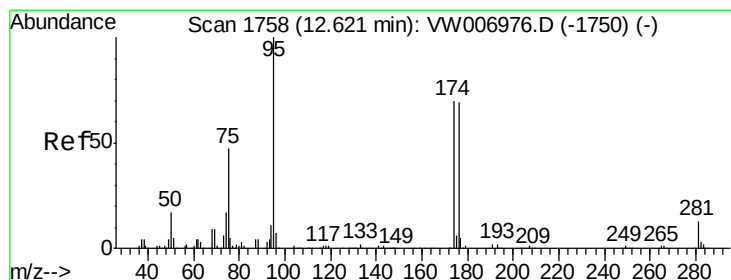
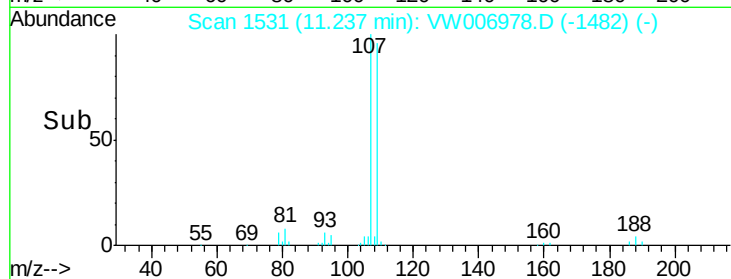
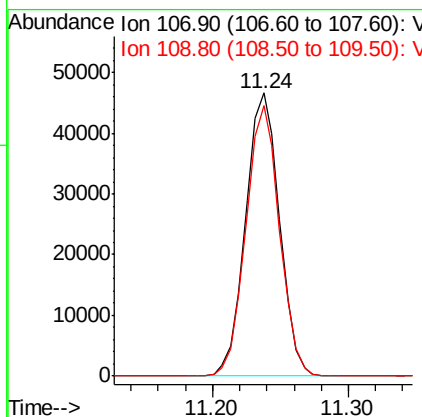
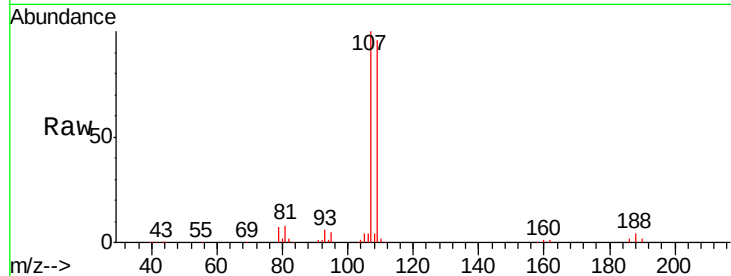
#61  
 1,2-Dibromoethane  
 Concen: 102.62 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tgt Ion: 107 Resp: 81448  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 75.1 112.7

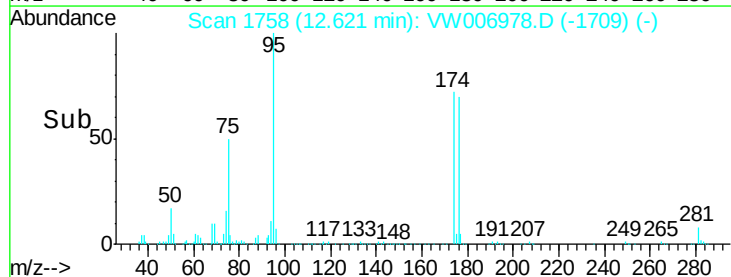
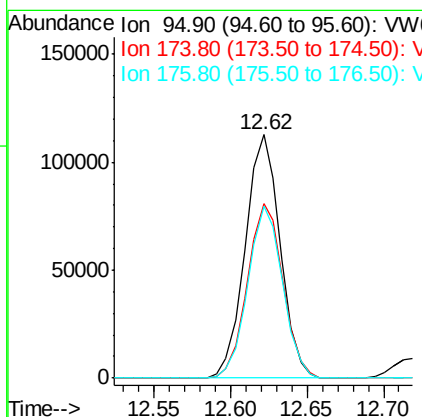
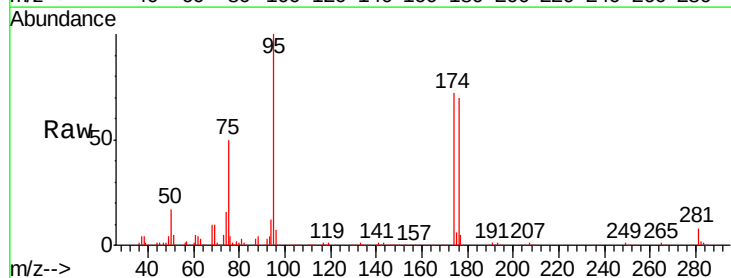
Manual Integrations  
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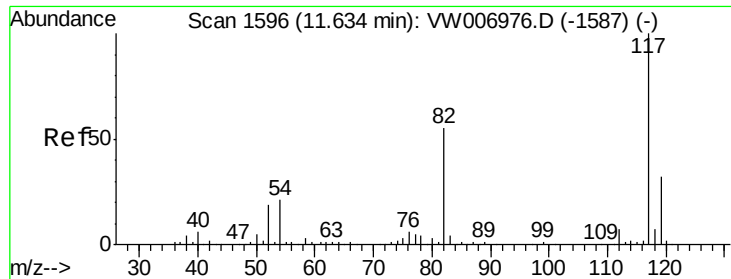
MMDadoda  
 11/21/2018 11:32:35 AM



#62  
 4-Bromofluorobenzene  
 Concen: 100.55 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Tgt Ion: 95 Resp: 178704  
 Ion Ratio Lower Upper  
 95 100  
 174 73.0 0.0 143.6  
 176 70.4 0.0 140.4





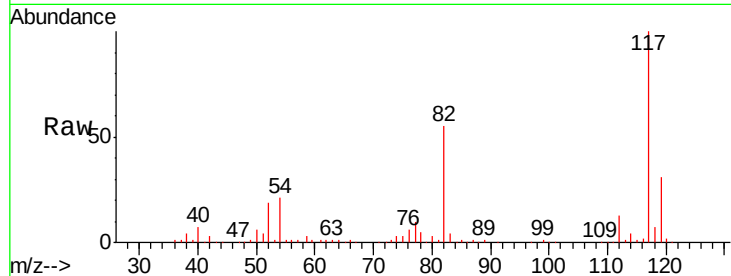
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 171513 |       |       |
| 82      | 55.1  | 44.2   | 66.2  |       |
| 119     | 31.3  | 25.9   | 38.9  |       |

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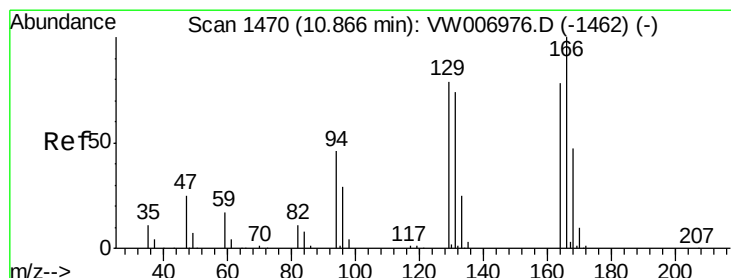
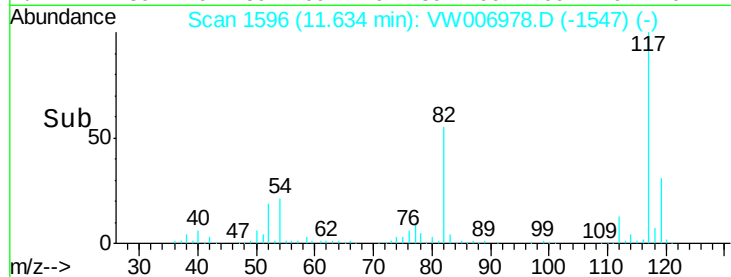
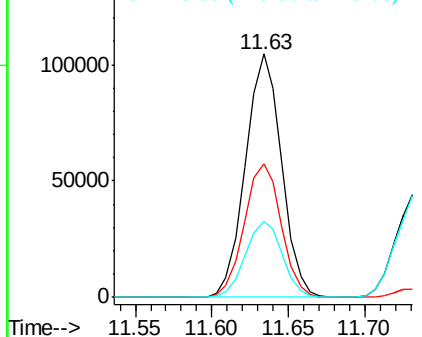


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 99.76 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 110077 |       |       |
| 166     | 126.5 | 102.1  | 153.1 |       |
| 129     | 98.0  | 80.4   | 120.6 |       |
| 131     | 93.8  | 75.2   | 112.8 |       |

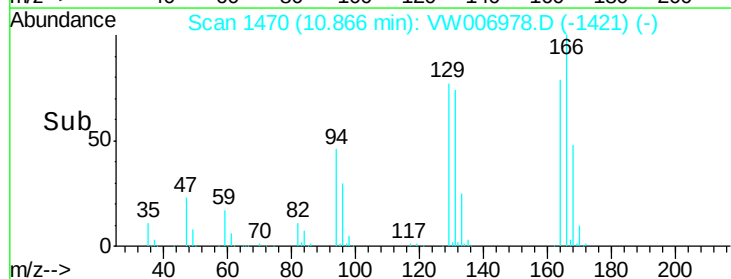
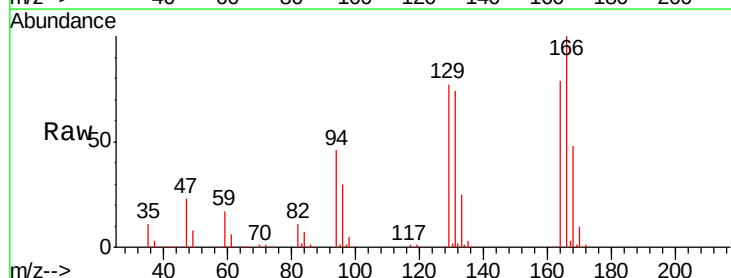
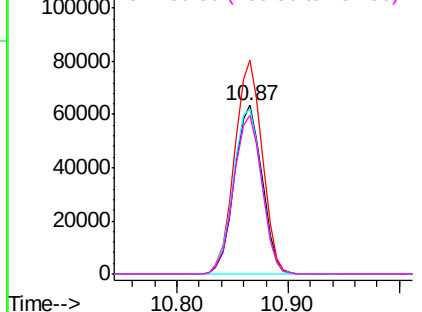
Abundance

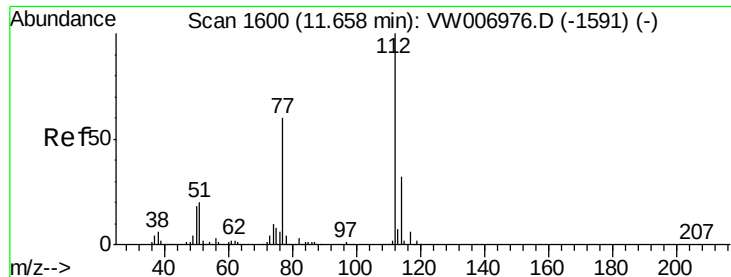
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





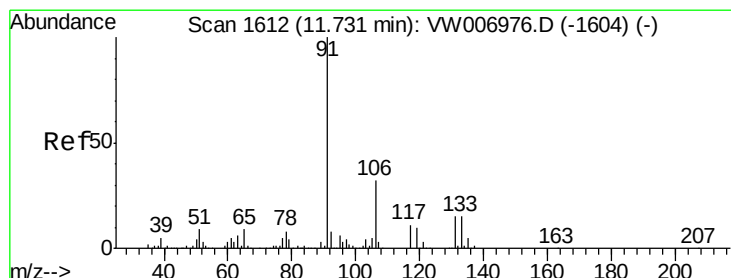
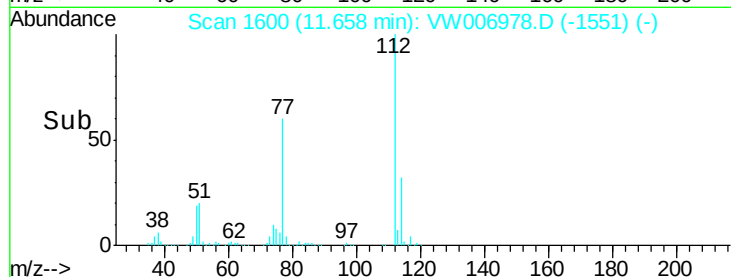
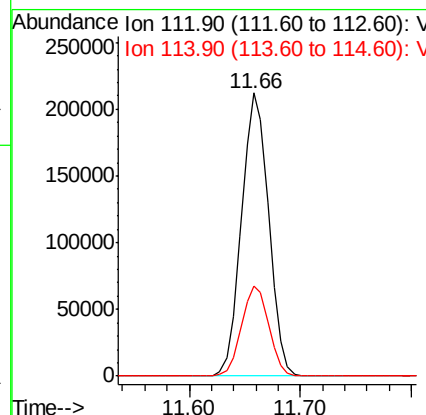
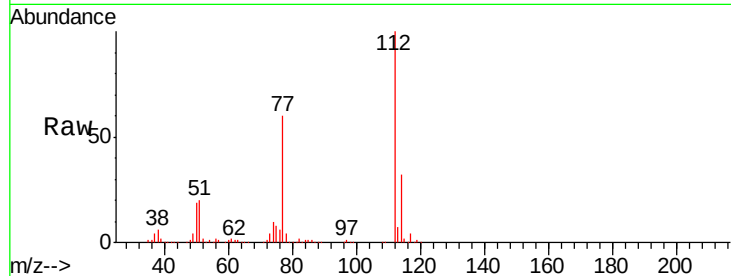
#65  
Chlorobenzene  
Concen: 100.01 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion:112 Resp: 357997  
Ion Ratio Lower Upper  
112 100  
114 31.8 25.8 38.8

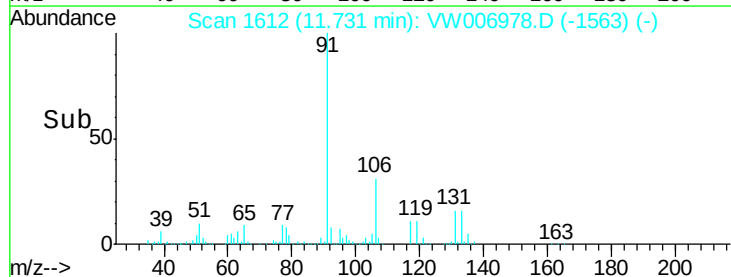
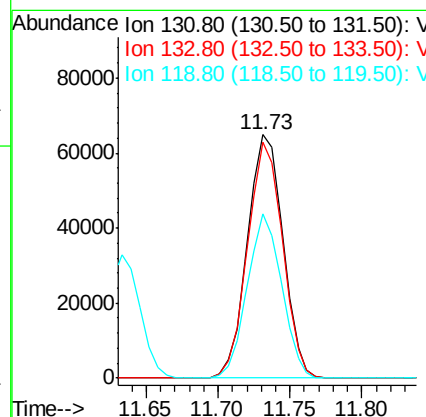
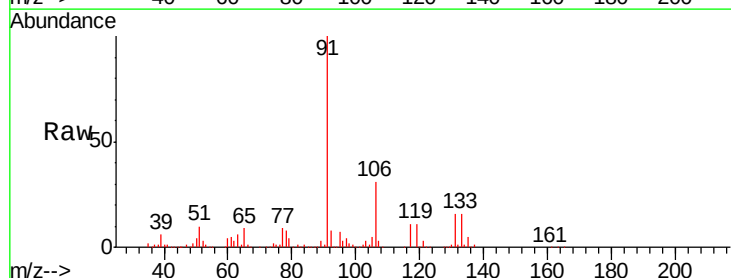
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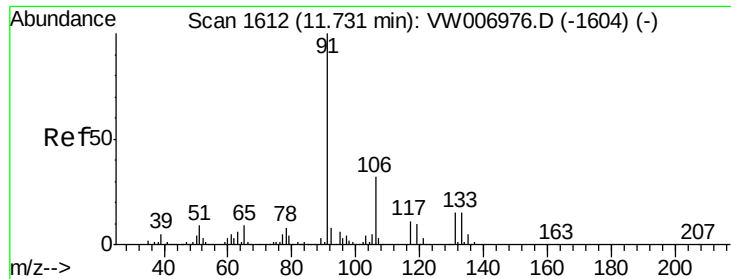
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 102.65 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion:131 Resp: 111159  
Ion Ratio Lower Upper  
131 100  
133 95.4 47.7 143.1  
119 65.3 31.8 95.3





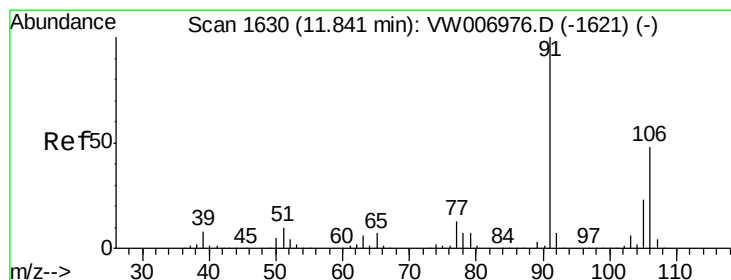
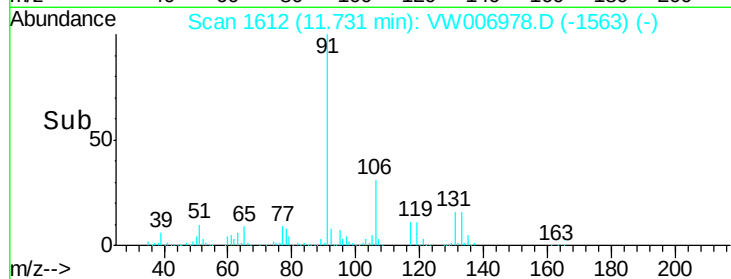
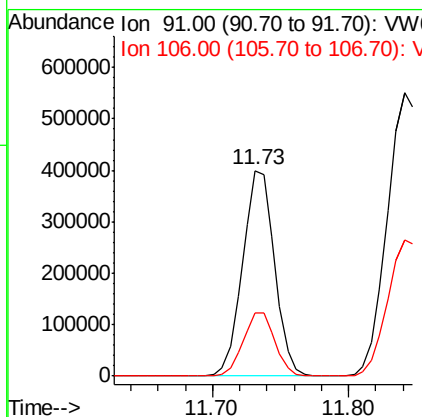
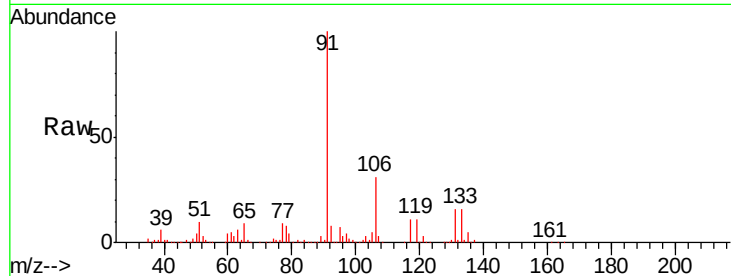
#67  
Ethyl Benzene  
Concen: 99.65 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion: 91 Resp: 655284  
Ion Ratio Lower Upper  
91 100  
106 30.6 25.4 38.2

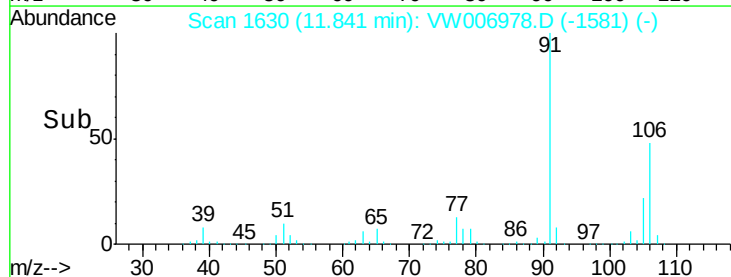
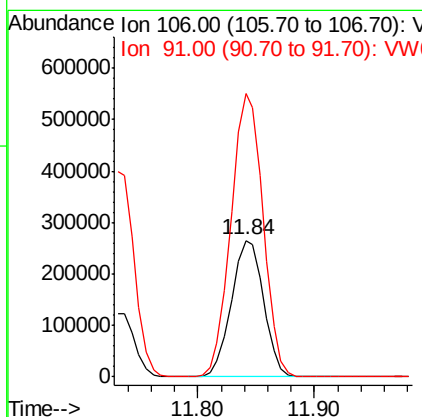
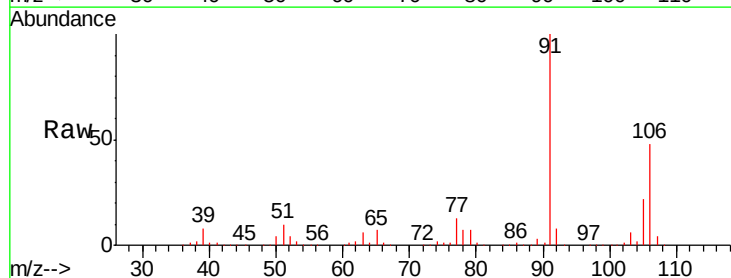
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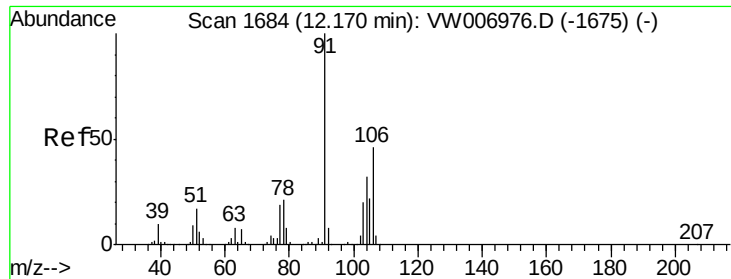
MMDadoda  
11/21/2018 11:32:35 AM



#68  
m/p-Xylenes  
Concen: 197.68 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion: 106 Resp: 510025  
Ion Ratio Lower Upper  
106 100  
91 207.0 164.8 247.2





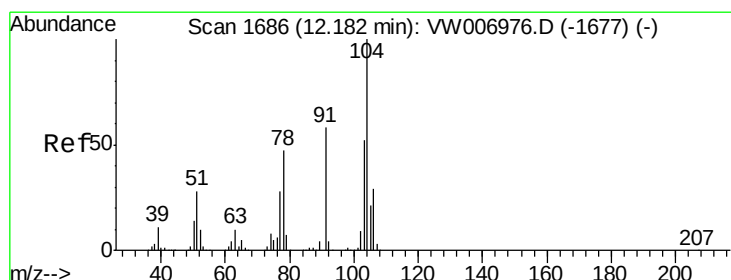
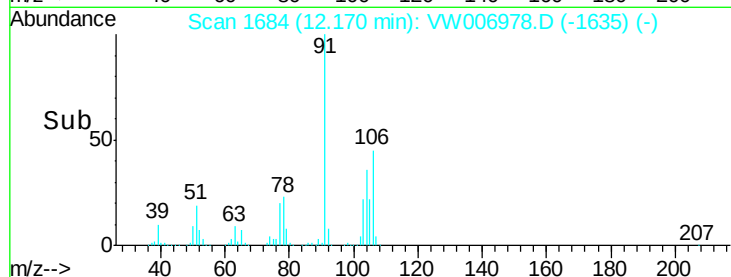
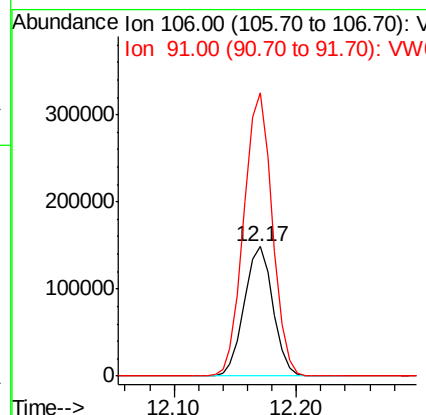
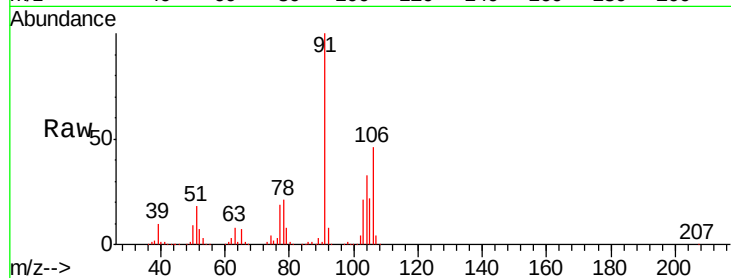
#69  
o-Xylene  
Concen: 98.99 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion:106 Resp: 240811  
Ion Ratio Lower Upper  
106 100  
91 217.7 107.9 323.8

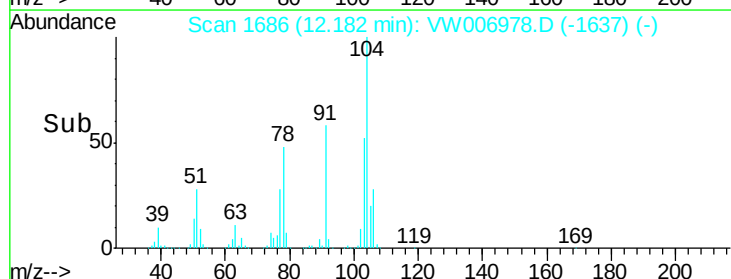
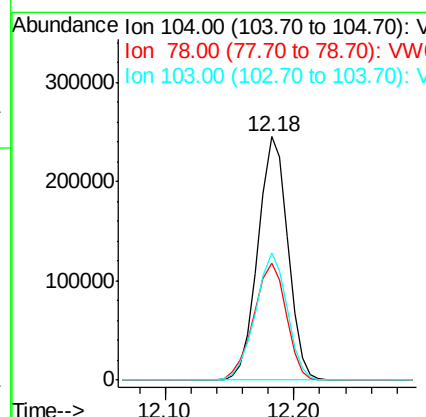
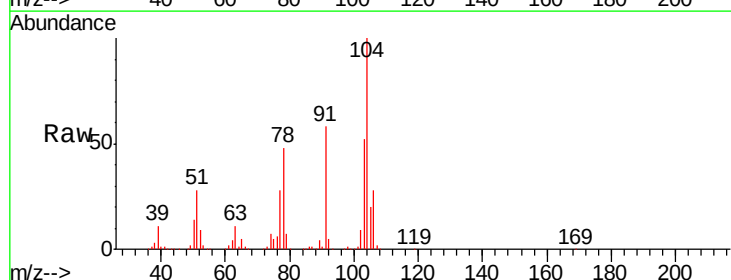
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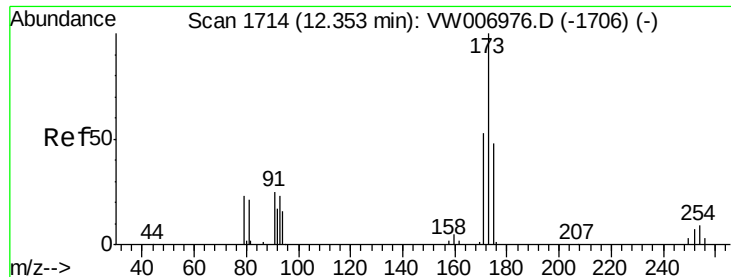


#70  
Styrene  
Concen: 101.51 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion:104 Resp: 393025  
Ion Ratio Lower Upper  
104 100  
78 52.2 41.8 62.8  
103 55.3 44.4 66.6







#71

Bromoform

Concen: 106.20 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

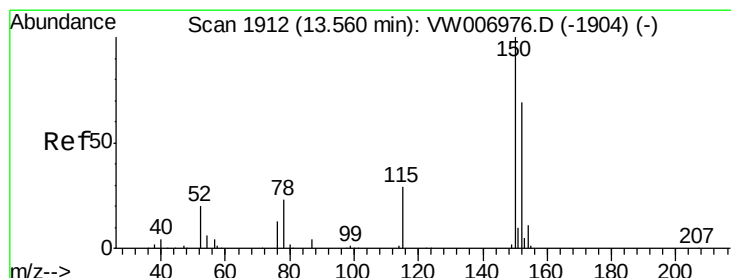
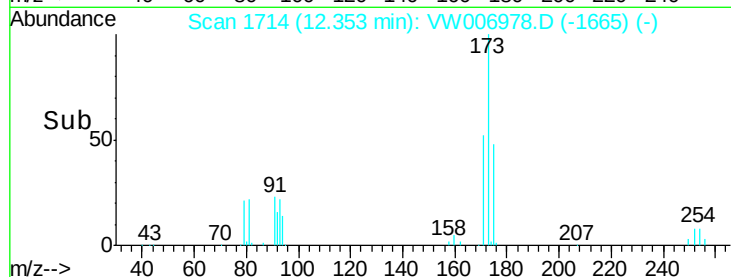
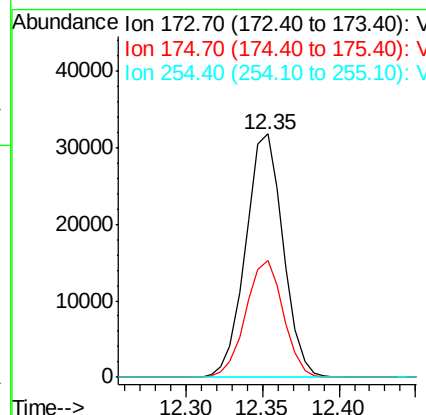
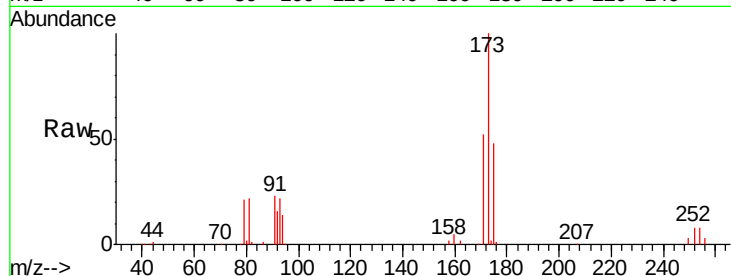
ClientSampleId :

VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.2  | 24.0  | 72.0  |
| 254     | 0.0   | 0.0   | 0.0   |

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11/21/2018 11:32:35 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

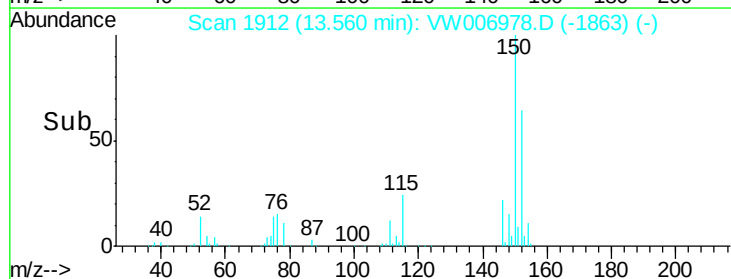
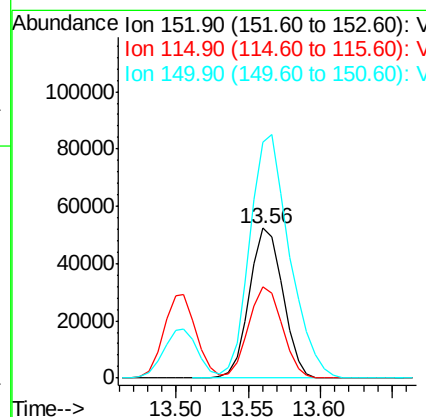
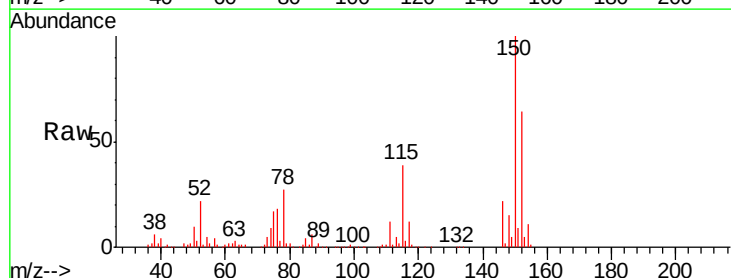
RT: 13.56 min Scan# 1912

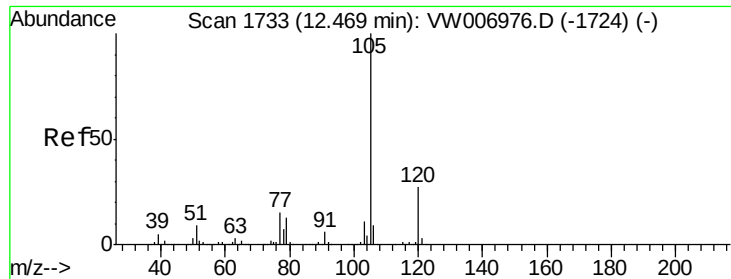
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.5  | 31.4  | 94.2  |
| 150     | 192.4 | 0.0   | 353.4 |





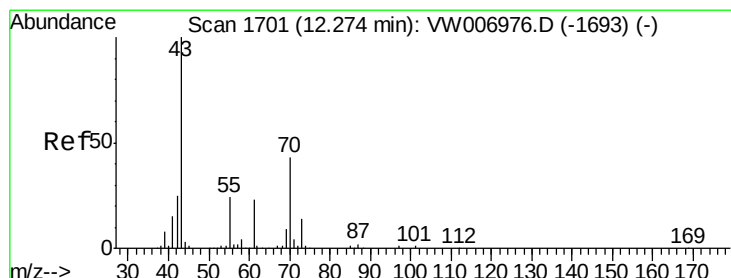
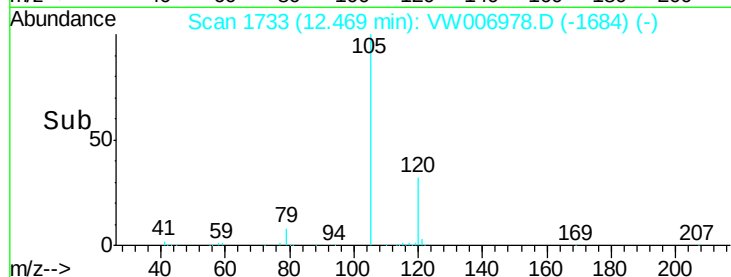
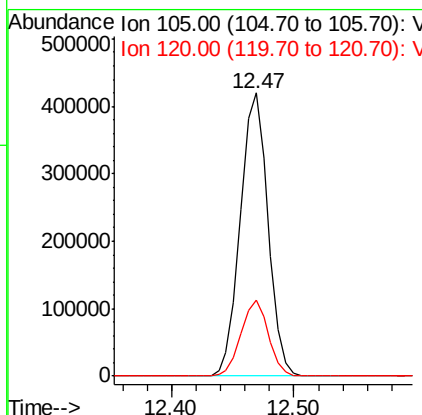
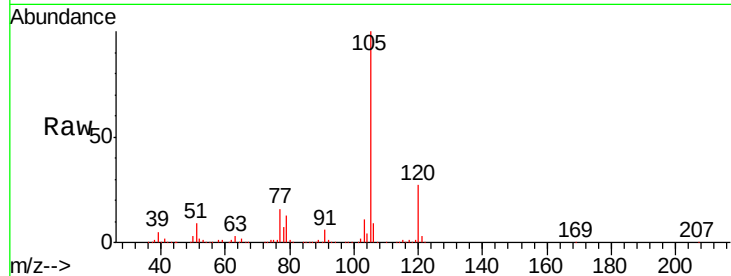
#73  
Isopropylbenzene  
Concen: 100.80 ug/l  
RT: 12.47 min Scan# 1733  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 26.5  | 13.3  | 39.8  |

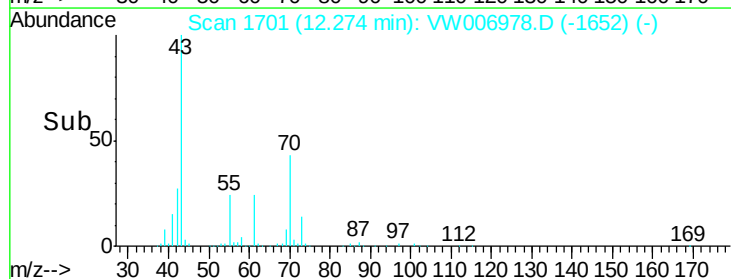
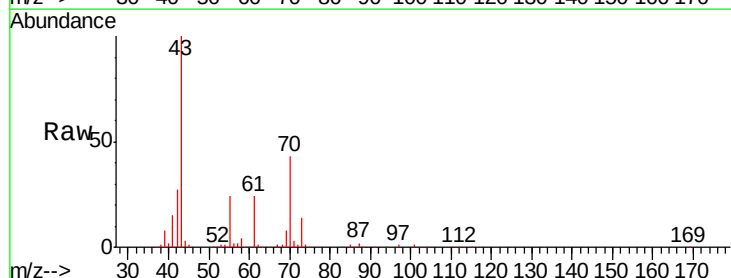
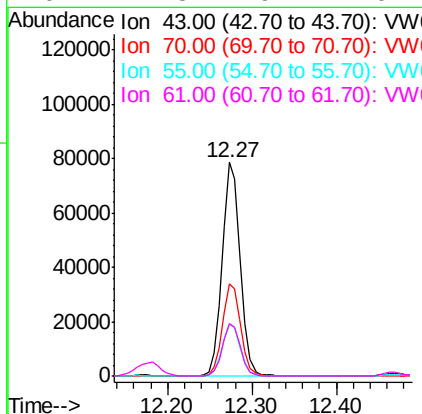
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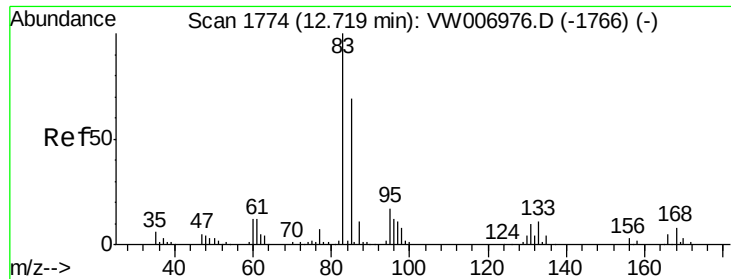
MMDadoda  
11/21/2018 11:32:35 AM



#74  
N-ethyl acetate  
Concen: 106.19 ug/l  
RT: 12.27 min Scan# 1701  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 43.3  | 34.0  | 51.0  |
| 55      | 24.6  | 19.4  | 29.0  |
| 61      | 24.3  | 19.4  | 29.2  |





#75

1,1,2,2-Tetrachloroethane

Concen: 101.52 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

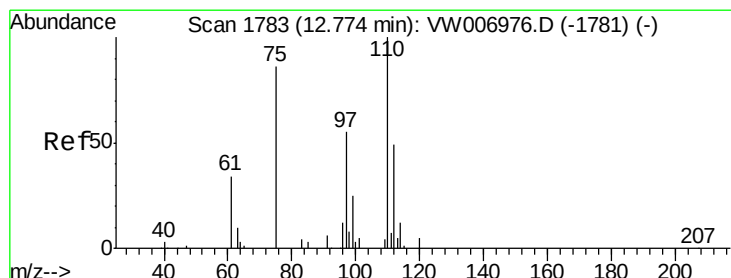
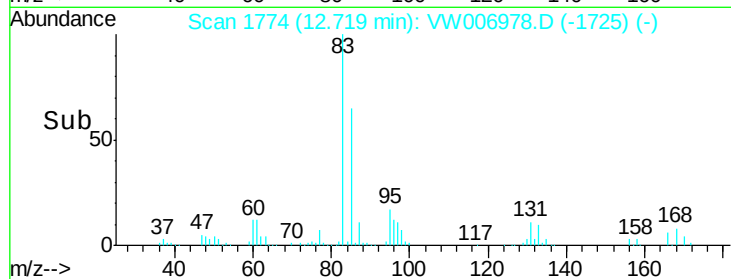
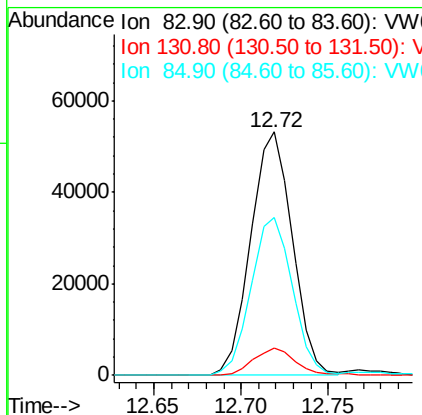
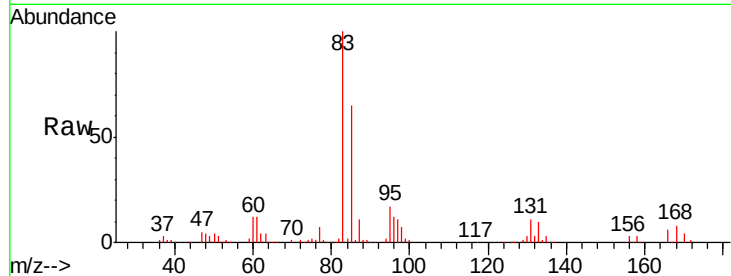
ClientSampleId :

VSTDIC100

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 83    | Resp: | 88168 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.8  | 5.7   | 17.1  |
| 85       | 64.4  | 33.1  | 99.2  |

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#76

1,2,3-Trichloropropane

Concen: 62.60 ug/l m

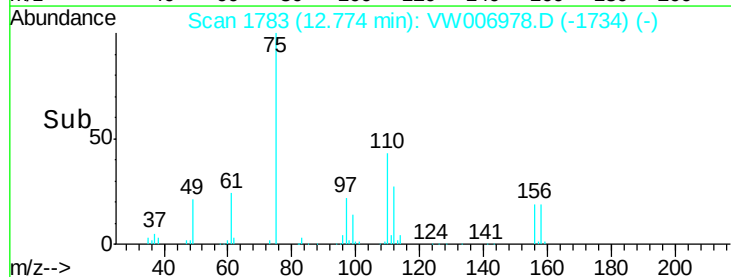
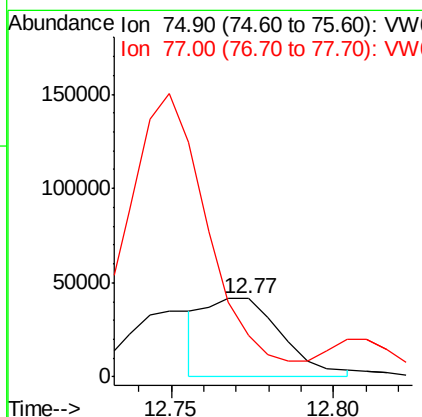
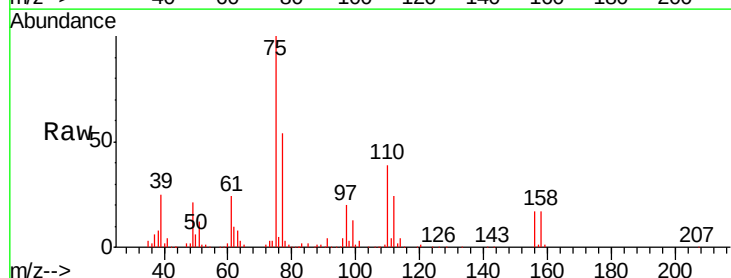
RT: 12.77 min Scan# 1783

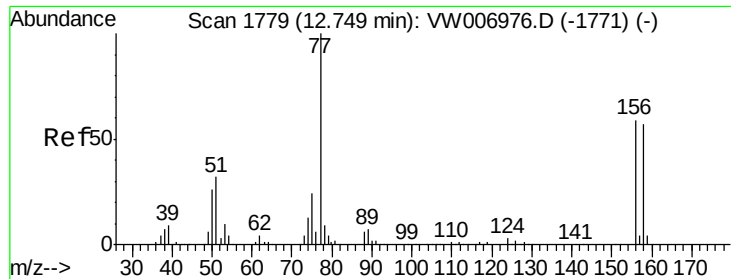
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 68041 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 100.50 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

Instrument :

MSVOA\_W

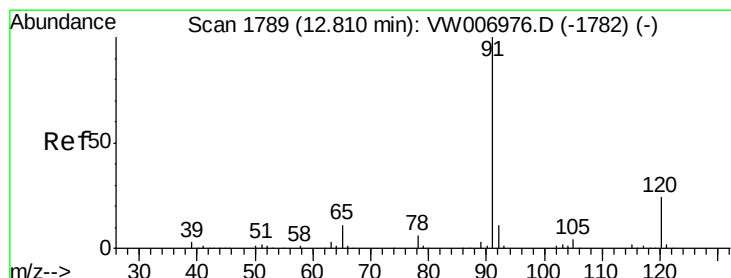
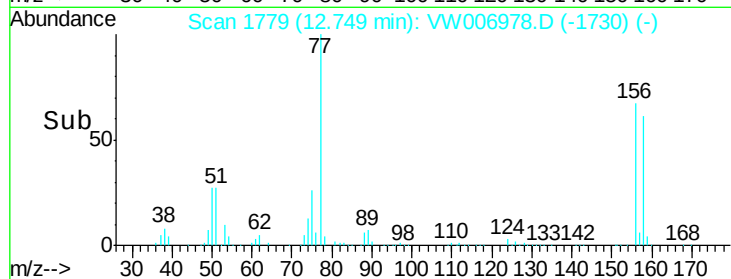
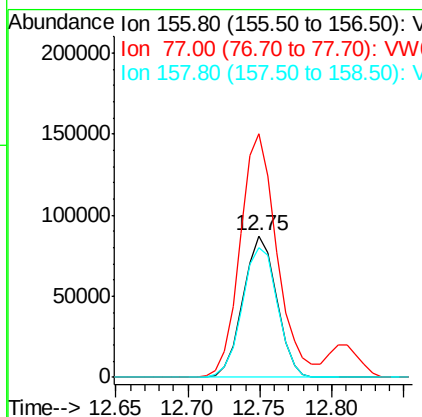
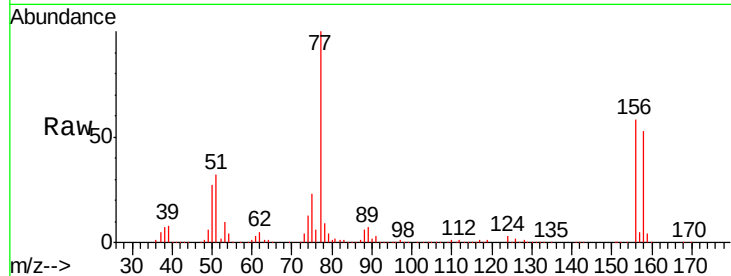
ClientSampleId :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 156   | Resp: | 140877 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 188.0 | 94.6  | 283.8  |
| 158       | 96.0  | 48.9  | 146.7  |

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#78

n-propylbenzene

Concen: 100.49 ug/l

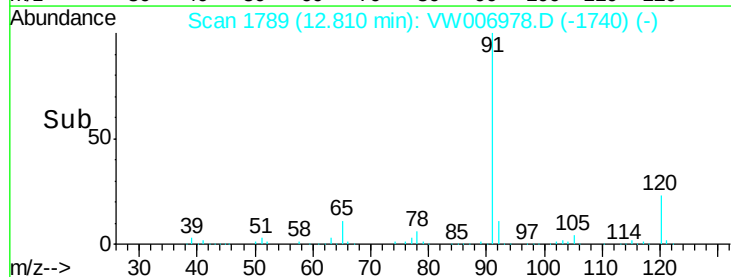
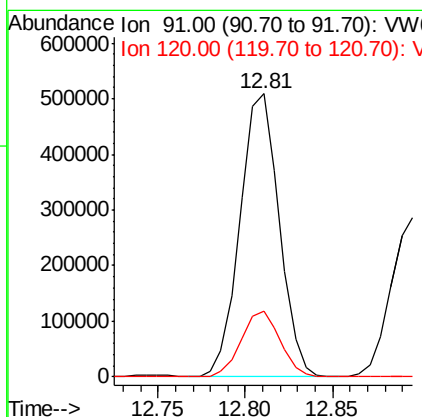
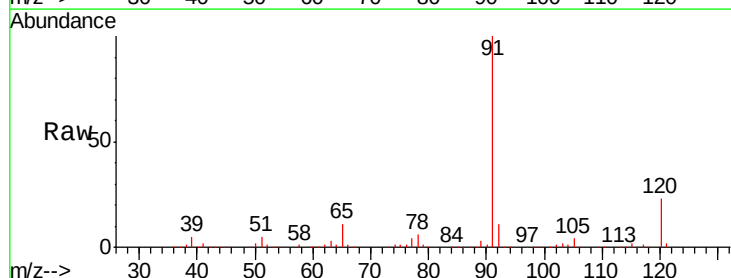
RT: 12.81 min Scan# 1789

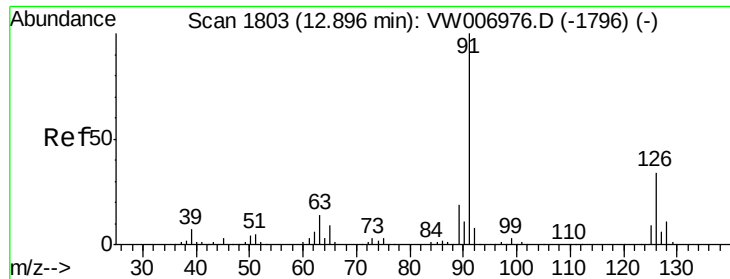
Delta R.T. -0.00 min

Lab File: VW006978.D

Acq: 20 Nov 2018 15:55

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 794387 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 23.1  | 11.7  | 35.1   |





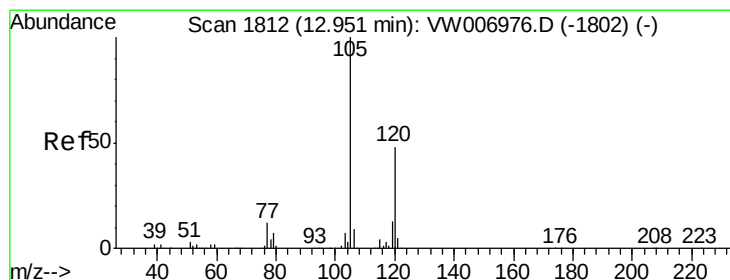
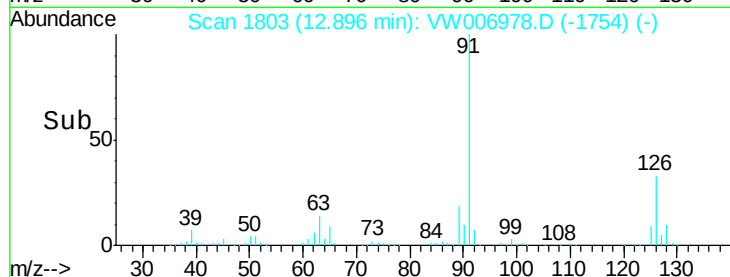
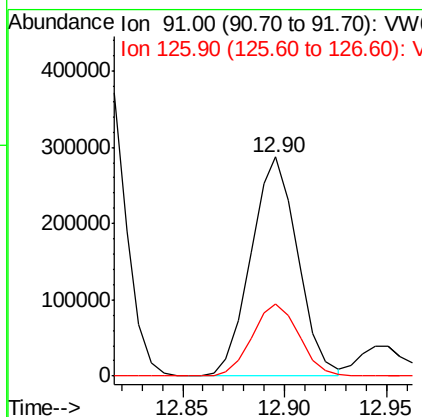
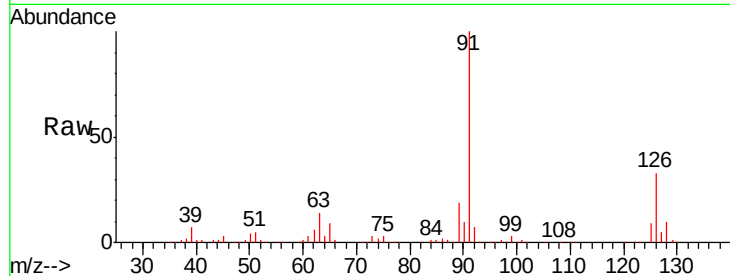
#79  
2-Chlorotoluene  
Concen: 100.48 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tgt Ion: 91 Resp: 458003  
Ion Ratio Lower Upper  
91 100  
126 33.2 16.7 50.0

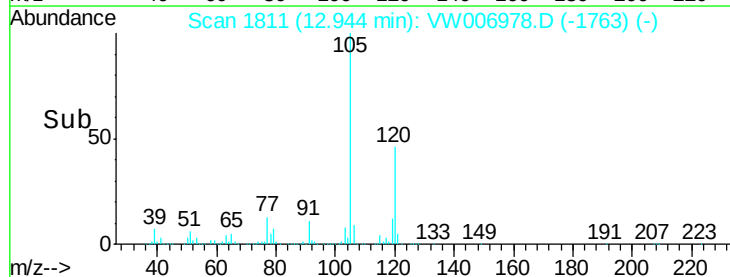
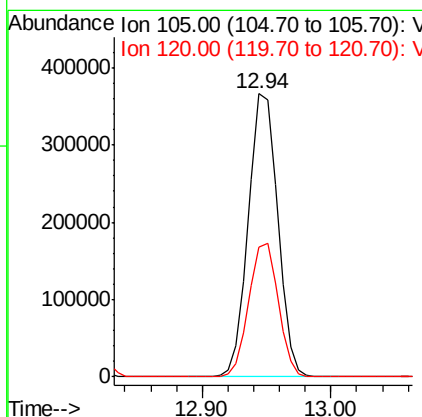
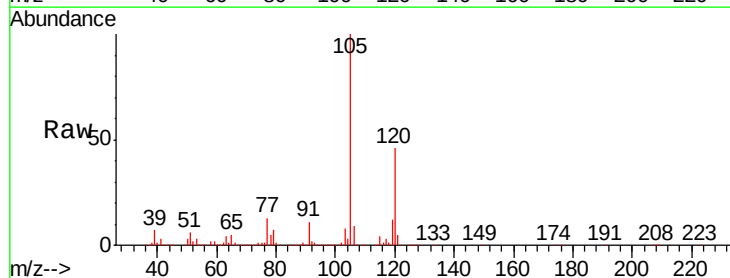
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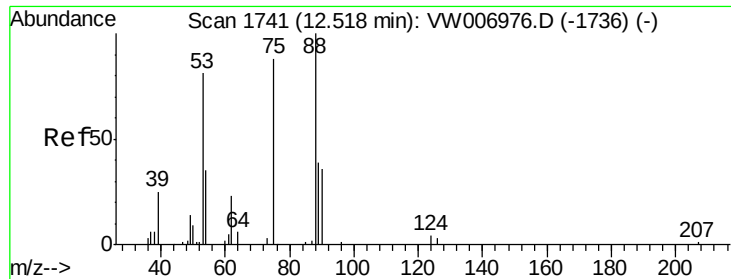
MMDadoda  
11/21/2018 11:32:35 AM



#80  
1,3,5-Trimethylbenzene  
Concen: 102.11 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Tgt Ion: 105 Resp: 576229  
Ion Ratio Lower Upper  
105 100  
120 47.3 23.8 71.2





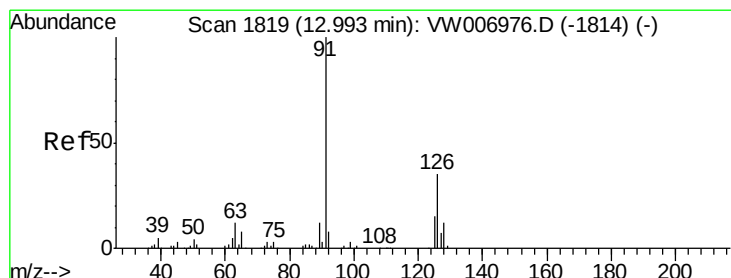
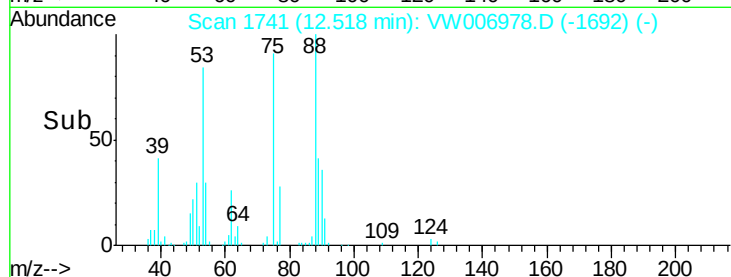
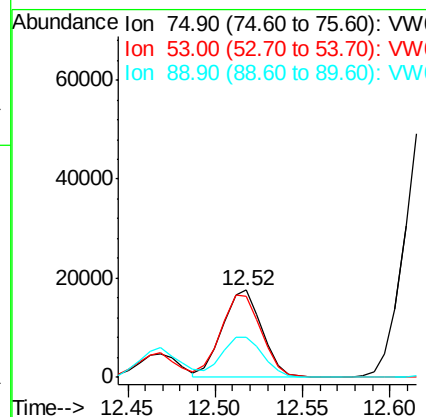
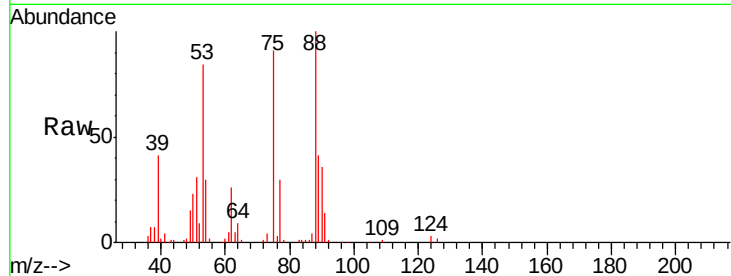
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 104.91 ug/l  
 RT: 12.52 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.9  | 77.6  | 116.4 |
| 89      | 47.2  | 39.3  | 58.9  |

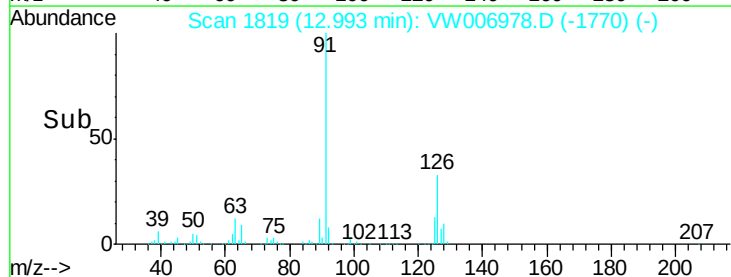
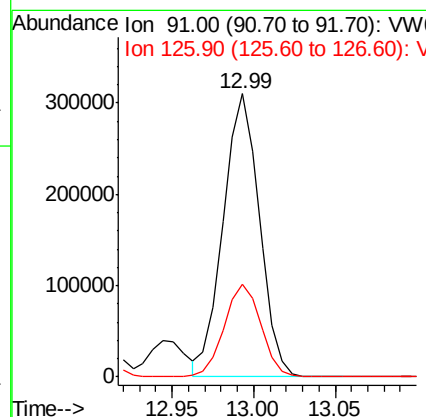
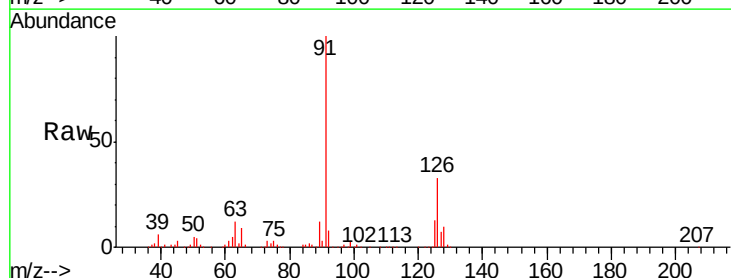
Manual Integrations  
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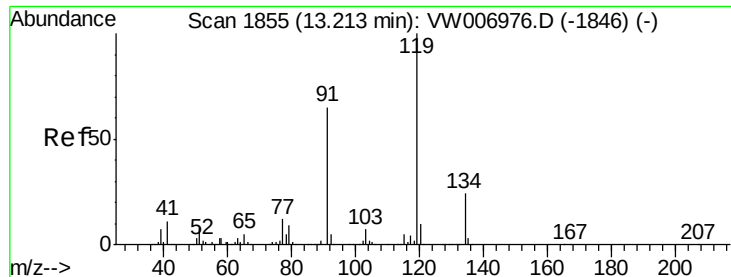
MMDadoda  
 11/21/2018 11:32:35 AM



#82  
 4-Chlorotoluene  
 Concen: 100.48 ug/l  
 RT: 12.99 min Scan# 1819  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.1  | 16.6  | 49.7  |





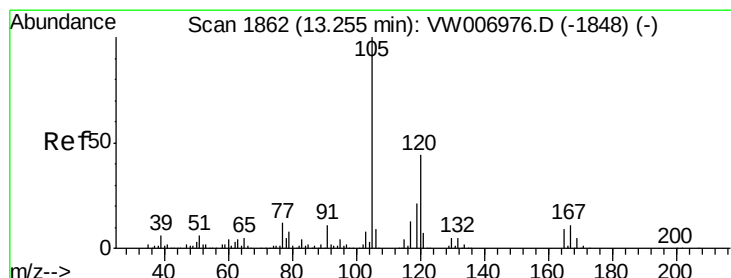
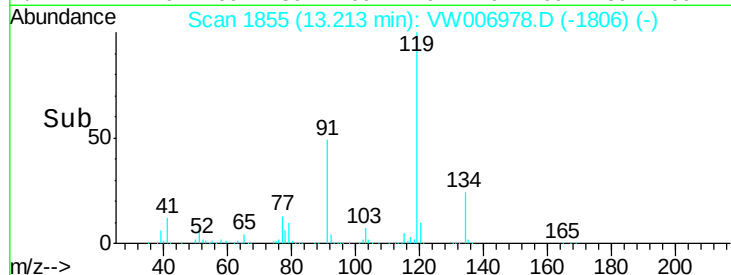
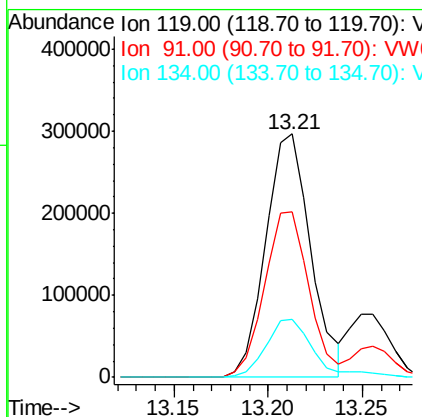
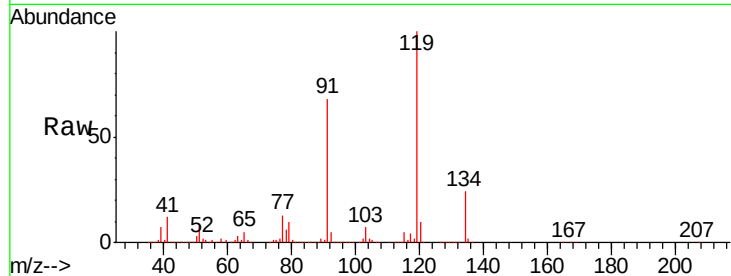
#83  
 tert-Butylbenzene  
 Concen: 100.83 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 67.1  | 33.5  | 100.5 |
| 134     | 25.4  | 12.6  | 37.8  |

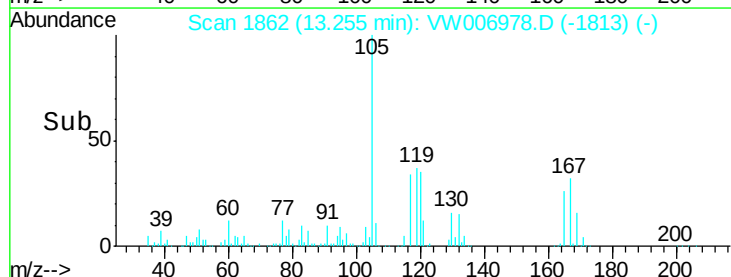
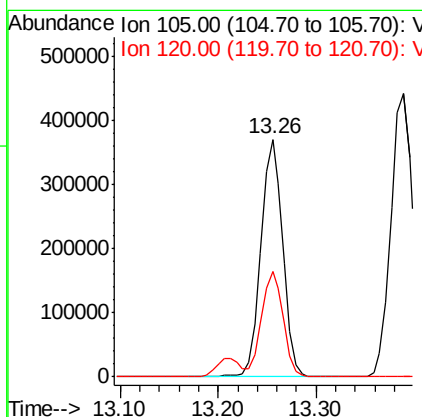
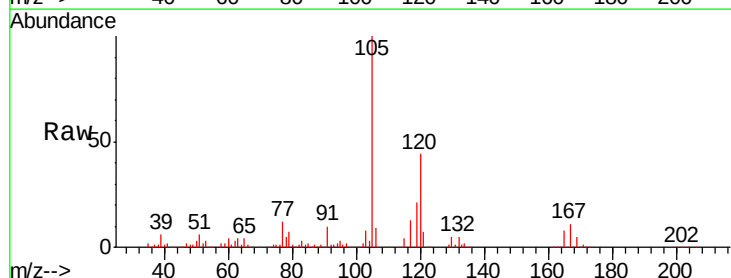
Manual Integrations  
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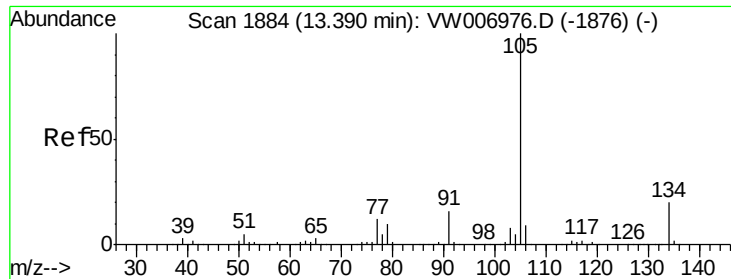
MMDadoda  
 11/21/2018 11:32:35 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 102.81 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.5  | 21.8  | 65.3  |





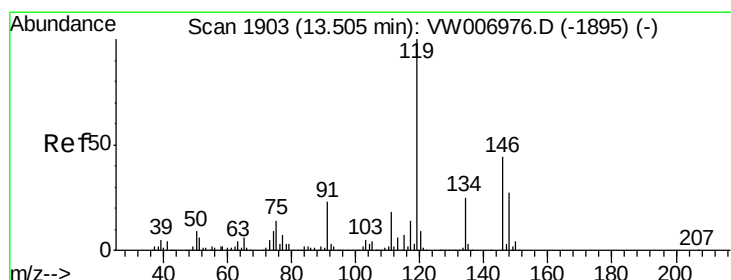
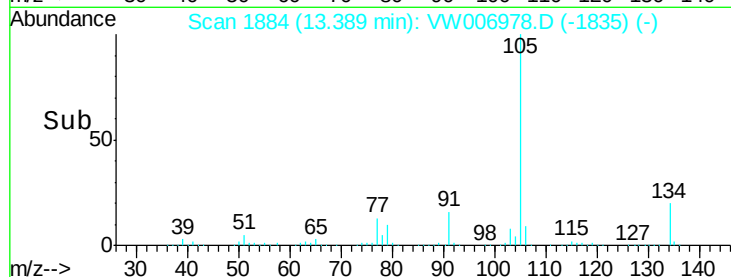
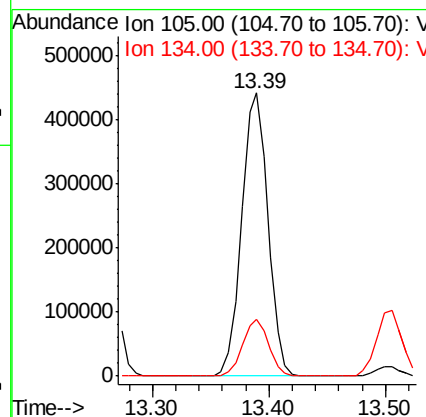
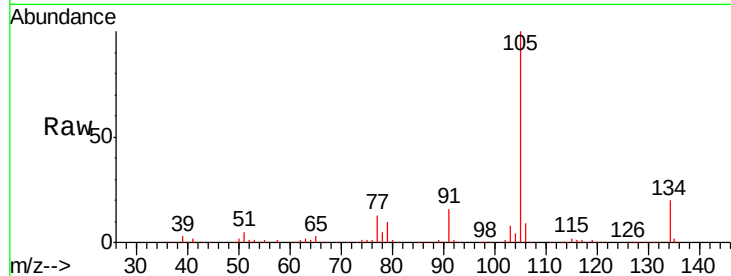
#85  
 sec-Butylbenzene  
 Concen: 100.67 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 694891 |       |       |
| 134     | 19.9  | 9.8    | 29.3  |       |

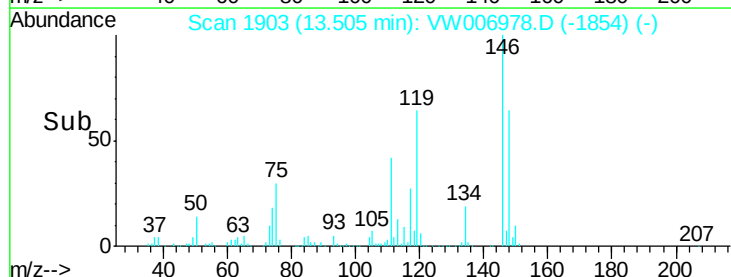
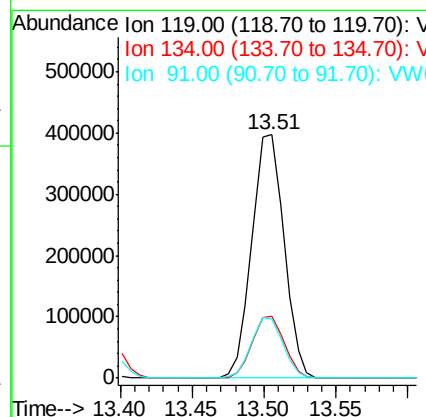
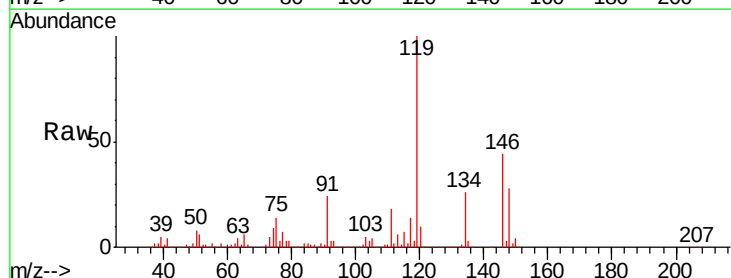
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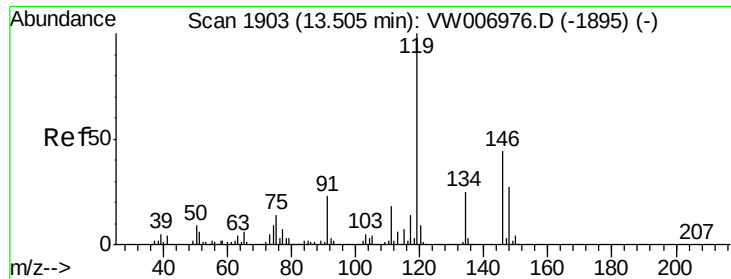


#86  
 p-Isopropyltoluene  
 Concen: 100.71 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 613300 |       |       |
| 134     | 25.5  | 12.8   | 38.3  |       |
| 91      | 24.7  | 12.2   | 36.6  |       |







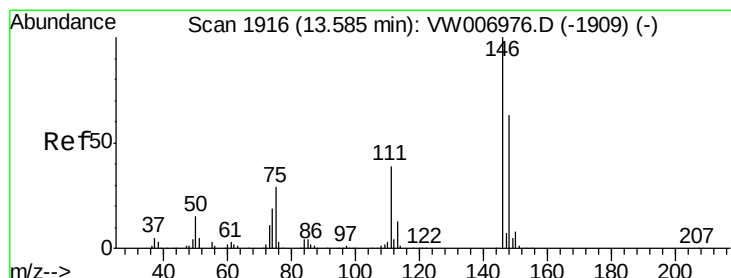
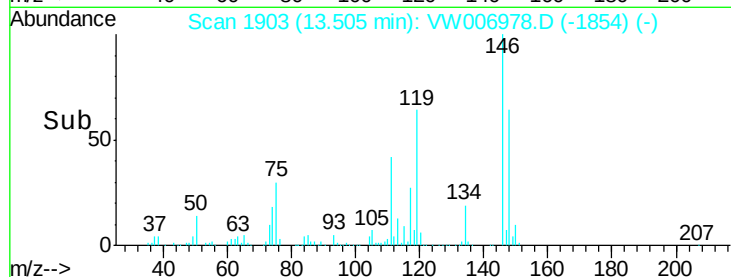
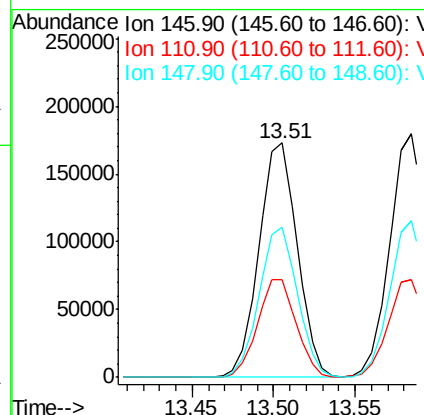
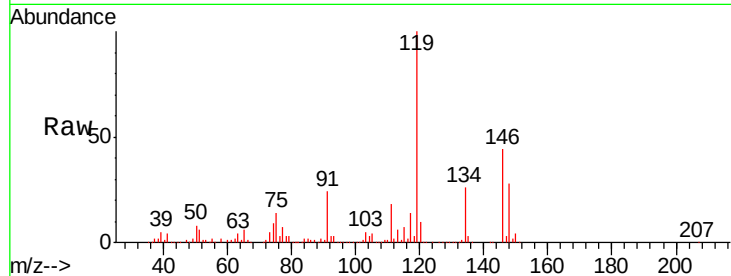
#87  
 1,3-Dichlorobenzene  
 Concen: 98.71 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 282466 |       |       |
| 111     | 42.1  | 21.1   | 63.3  |       |
| 148     | 63.7  | 31.6   | 94.8  |       |

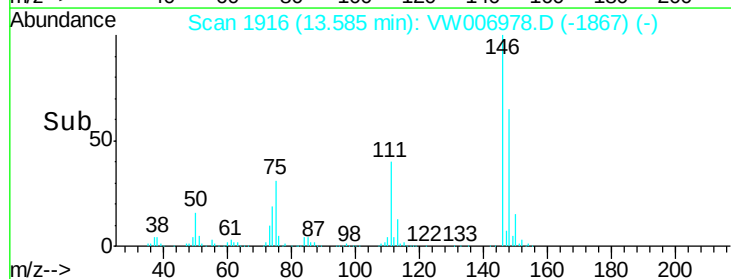
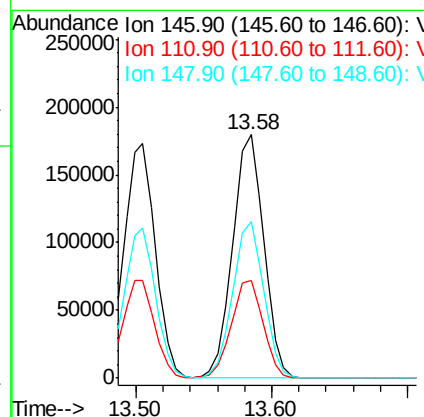
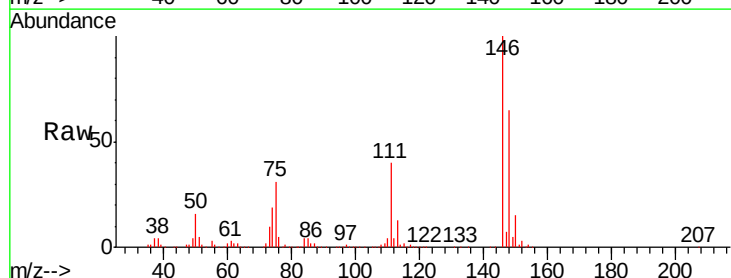
Manual Integrations  
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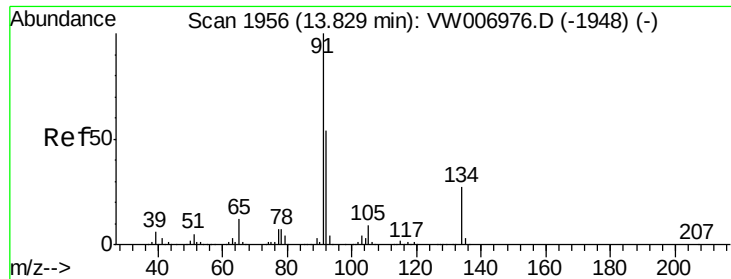
MMDadoda  
 11/21/2018 11:32:35 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 100.04 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 285430 |       |       |
| 111     | 41.2  | 20.6   | 61.8  |       |
| 148     | 64.2  | 32.3   | 96.8  |       |





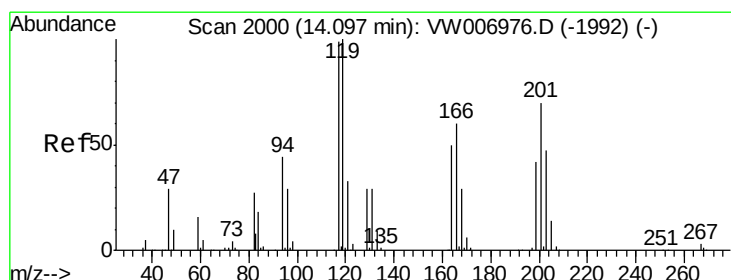
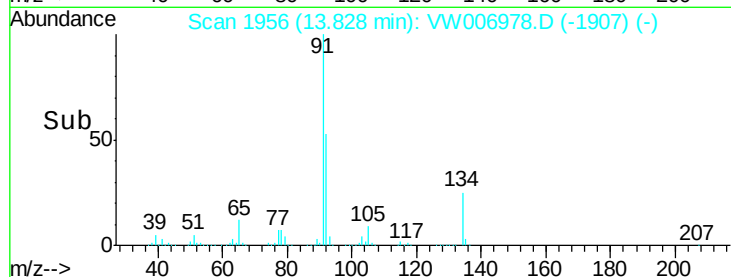
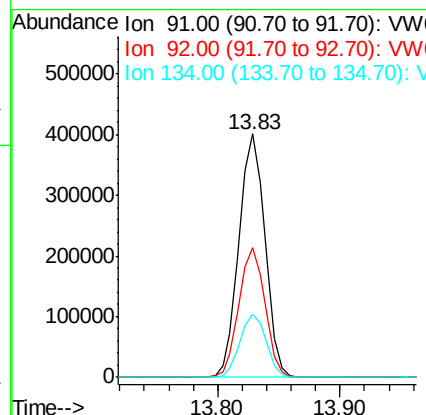
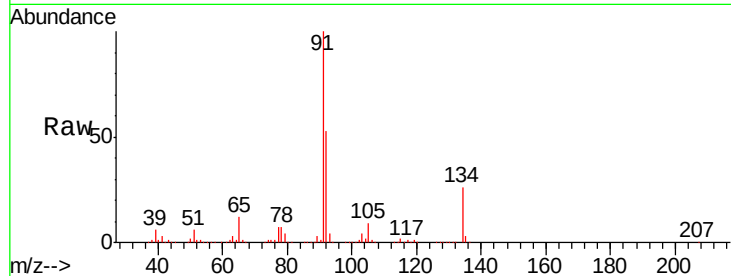
#89  
n-Butylbenzene  
Concen: 102.97 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 590071 |       |       |
| 92      | 53.3  | 26.8   | 80.4  |       |
| 134     | 26.2  | 13.3   | 39.8  |       |

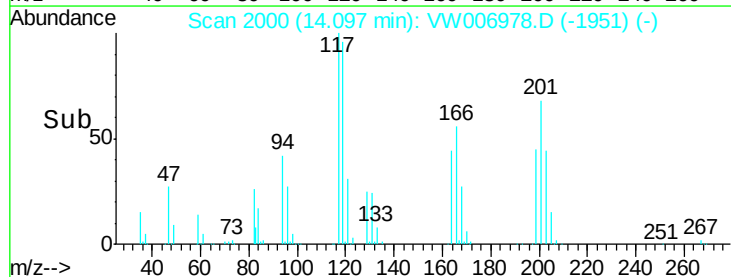
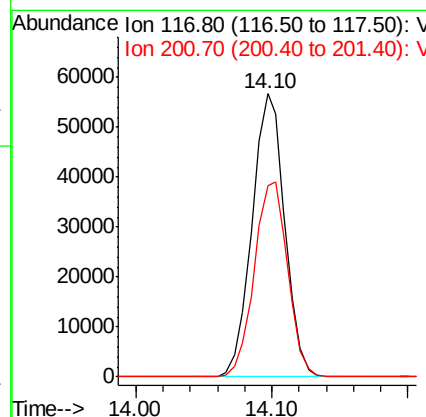
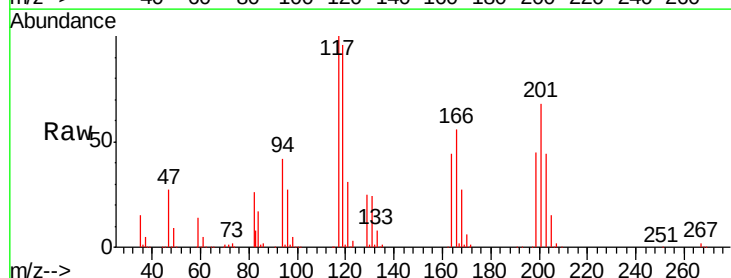
Manual Integrations  
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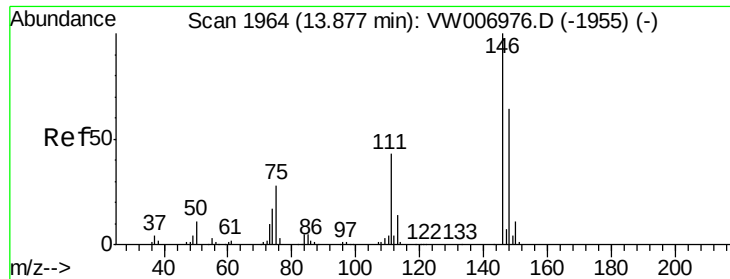
MMDadoda  
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#90  
Hexachloroethane  
Concen: 107.29 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 95384 |       |       |
| 201     | 70.5  | 35.9  | 107.5 |       |





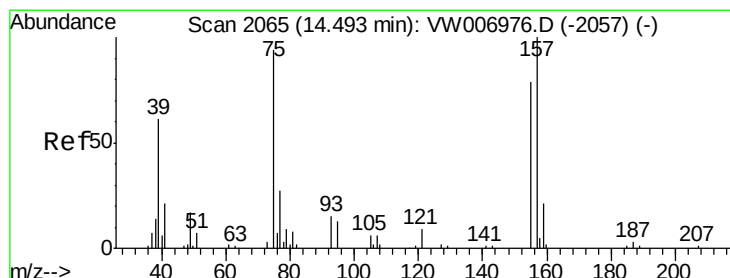
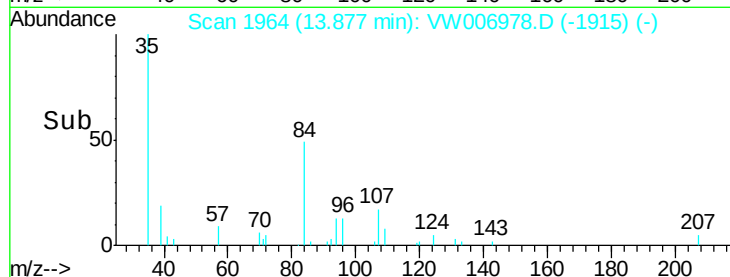
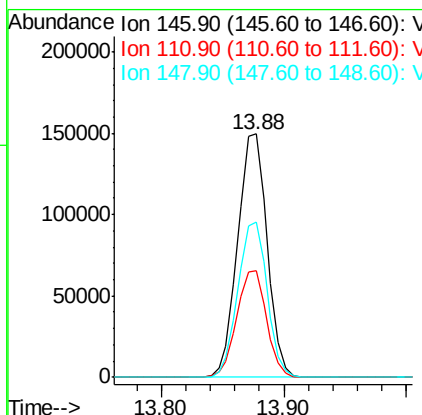
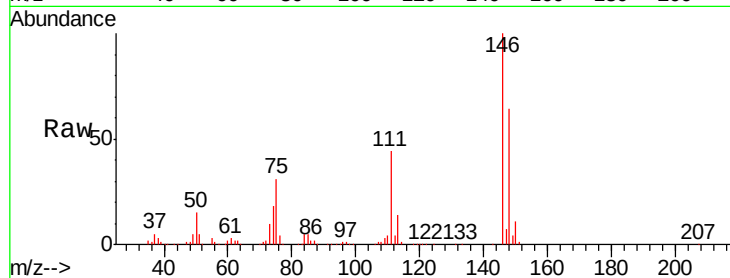
#91  
 1,2-Dichlorobenzene  
 Concen: 99.39 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. -0.00 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.1  | 21.9  | 65.7  |
| 148     | 63.6  | 32.2  | 96.6  |

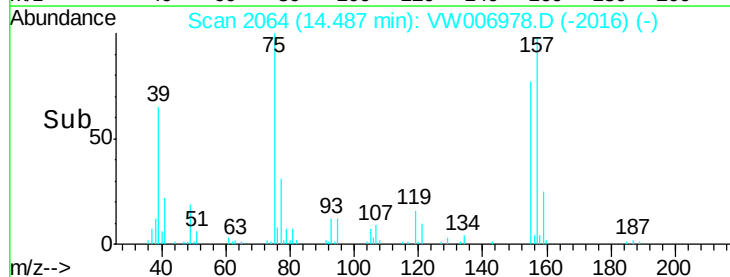
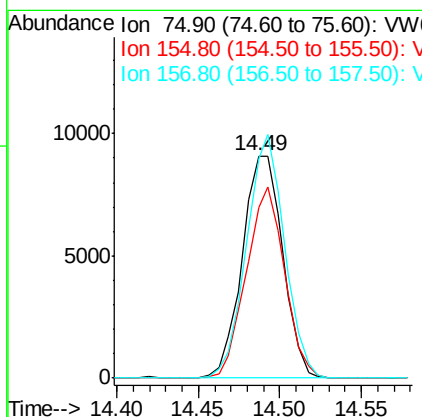
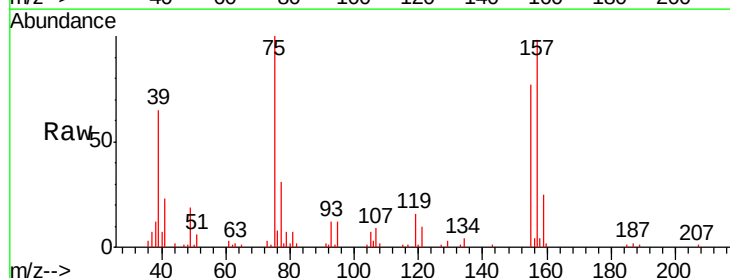
Manual Integrations  
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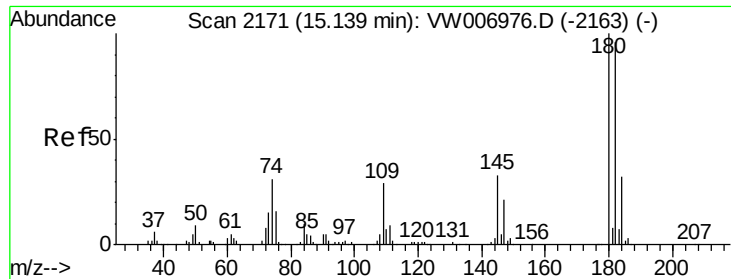
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 106.86 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW006978.D  
 Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.3  | 42.6  | 127.8 |
| 157     | 102.8 | 55.0  | 165.0 |





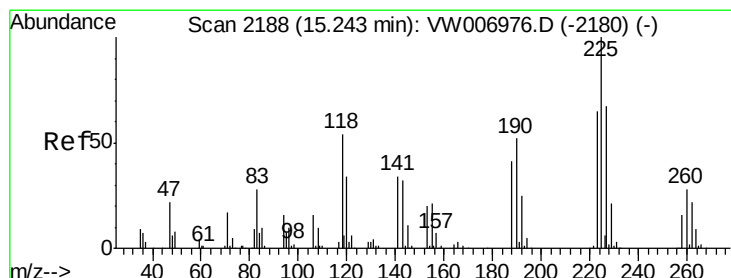
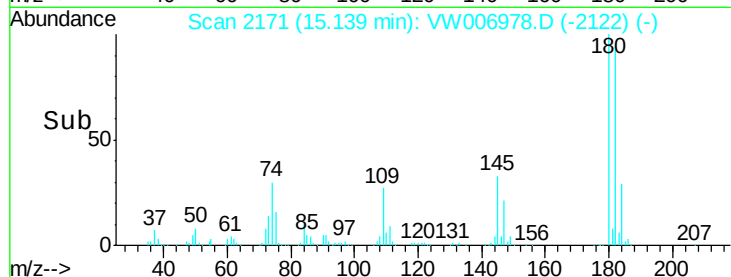
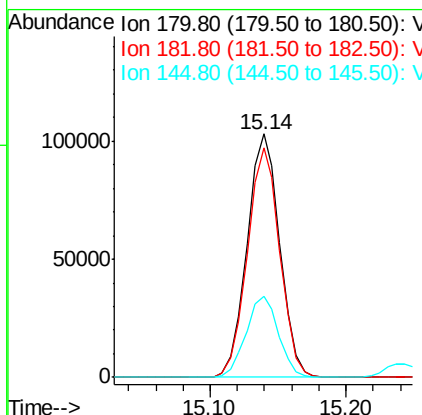
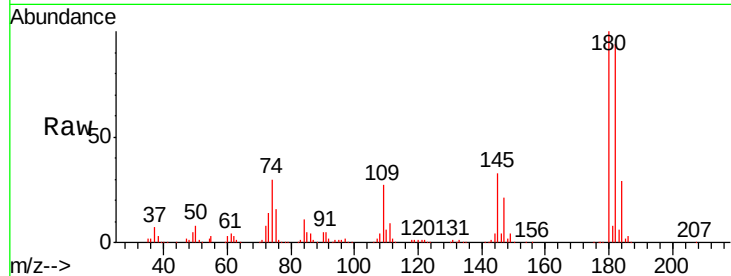
#93  
1,2,4-Trichlorobenzene  
Concen: 104.27 ug/l  
RT: 15.14 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 172404 |       |       |
| 182     | 93.8  | 47.1   | 141.3 |       |
| 145     | 33.5  | 16.5   | 49.5  |       |

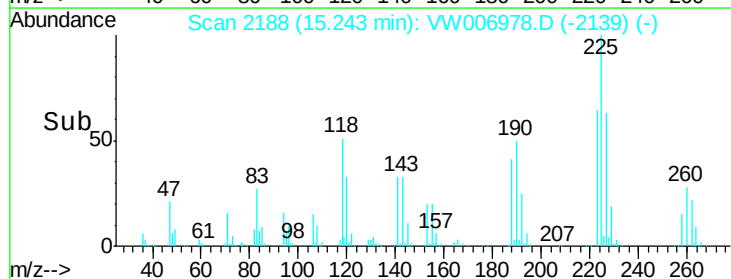
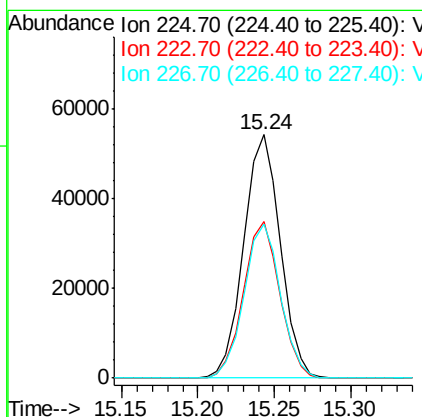
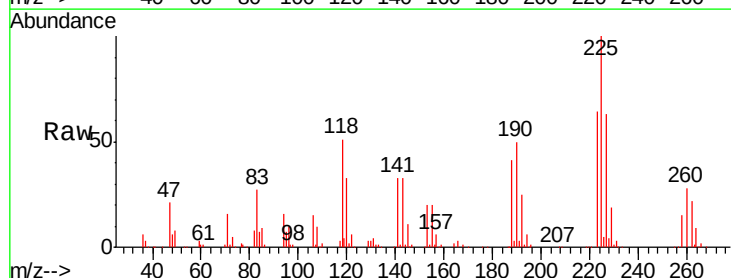
Manual Integrations  
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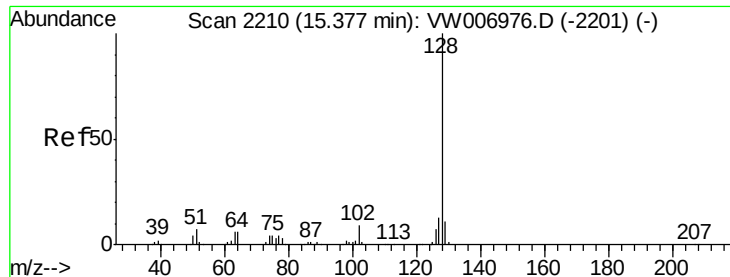
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#94  
Hexachlorobutadiene  
Concen: 100.48 ug/l  
RT: 15.24 min Scan# 2188  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 90318 |       |       |
| 223     | 63.8  | 32.4  | 97.0  |       |
| 227     | 63.3  | 31.9  | 95.5  |       |





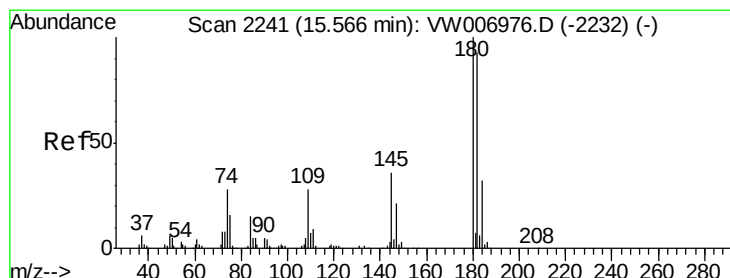
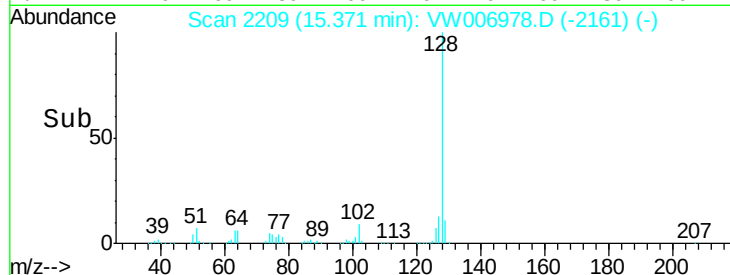
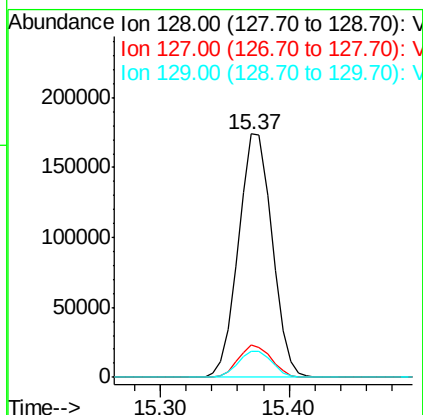
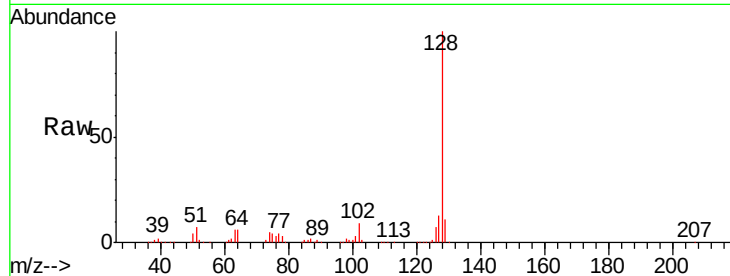
#95  
Naphthalene  
Concen: 105.15 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.01 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 315597 |       |       |
| 127     | 12.9  | 10.5   | 15.7  |       |
| 129     | 10.9  | 8.7    | 13.1  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 104.79 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. -0.00 min  
Lab File: VW006978.D  
Acq: 20 Nov 2018 15:55

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 143738 |       |       |
| 182     | 95.4  | 47.0   | 141.2 |       |
| 145     | 36.0  | 18.0   | 54.0  |       |

