

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\  
 Data File : VD061906.D  
 Acq On : 19 Apr 2019 13:19  
 Operator : VA/AP  
 Sample : VD0419SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

Quant Time: Apr 19 13:46:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 13:49:04 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 570348   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 931846   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 812694   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 363434   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.46   | 65   | 262363   | 54.89 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 109.78% |          |
| 35) Dibromofluoromethane    | 6.93   | 113  | 377182   | 53.58 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 107.16% |          |
| 50) Toluene-d8              | 10.41  | 98   | 854779   | 51.24 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 102.48% |          |
| 62) 4-Bromofluorobenzene    | 13.57  | 95   | 354179   | 52.38 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 104.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 103643   | 18.618  | ug/l   | 99     |
| 3) Chloromethane              | 1.75 | 50   | 93817    | 21.147  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62   | 92227    | 20.947  | ug/l   | 98     |
| 5) Bromomethane               | 2.15 | 94   | 20751    | 18.758  | ug/l   | 100    |
| 6) Chloroethane               | 2.25 | 64   | 29230    | 19.460  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 138015   | 19.327  | ug/l   | 94     |
| 8) Diethyl Ether              | 2.87 | 74   | 39764    | 21.248  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101  | 134847   | 21.178  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.31 | 142  | 137866   | 16.124  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 32282    | 114.519 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 3.13 | 96   | 115283   | 21.537  | ug/l   | 94     |
| 13) Acrolein                  | 3.03 | 56   | 22568    | 82.698  | ug/l   | 88     |
| 14) Allyl chloride            | 3.62 | 41   | 161094   | 22.079  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.19 | 53   | 94667    | 106.972 | ug/l   | 96     |
| 16) Acetone                   | 3.22 | 43   | 123519   | 104.846 | ug/l   | 96     |
| 17) Carbon Disulfide          | 3.38 | 76   | 322539   | 18.649  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 52852    | 22.383  | ug/l   | 92     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73   | 212182   | 21.241  | ug/l   | 95     |
| 20) Methylene Chloride        | 3.82 | 84   | 163134   | 25.621  | ug/l   | 97     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 127267   | 21.634  | ug/l   | 92     |
| 22) Diisopropyl ether         | 5.12 | 45   | 345931   | 22.180  | ug/l   | 93     |
| 23) Vinyl Acetate             | 5.06 | 43   | 927132   | 111.204 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 201561   | 21.316  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43   | 142534   | 106.271 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 166865   | 20.416  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96   | 130890   | 20.525  | ug/l   | 95     |
| 28) Bromochloromethane        | 6.45 | 49   | 83452    | 23.234  | ug/l   | 95     |
| 29) Tetrahydrofuran           | 6.46 | 42   | 75134    | 115.001 | ug/l   | 99     |
| 30) Chloroform                | 6.67 | 83   | 216087   | 20.488  | ug/l   | 96     |
| 31) Cyclohexane               | 6.96 | 56   | 154508   | 21.344  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 202176   | 21.624  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.16 | 75   | 161886   | 21.260  | ug/l   | 98     |
| 37) Ethyl Acetate             | 6.18 | 43   | 70185    | 21.536  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.12 | 117  | 198643   | 20.659  | ug/l   | 96     |

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 Sample : VD0419SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

Quant Time: Apr 19 13:46:53 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 18 13:49:04 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 159658   | 20.191  | ug/l   | 94       |
| 40) Benzene                    | 7.46  | 78   | 391008   | 21.389  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.46  | 41   | 88994    | 23.103  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 134614   | 21.143  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 104615   | 22.811  | ug/l   | 100      |
| 44) Trichloroethene            | 8.54  | 130  | 154046   | 21.889  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 98093    | 20.600  | ug/l   | 98       |
| 46) Dibromomethane             | 9.08  | 93   | 74356    | 21.915  | ug/l   | 97       |
| 47) Bromodichloromethane       | 9.38  | 83   | 167723   | 21.427  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.13  | 41   | 55214    | 20.481  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 12806    | 434.605 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 302792   | 107.961 | ug/l   | 99       |
| 52) Toluene                    | 10.51 | 92   | 267058   | 22.796  | ug/l   | 93       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 145887   | 20.684  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 179300   | 21.656  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 88698    | 22.469  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 96437    | 22.258  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 134334   | 22.635  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 245389   | 119.076 | ug/l   | 94       |
| 59) 2-Hexanone                 | 11.54 | 43   | 228205   | 109.552 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.69 | 129  | 143638   | 22.238  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 105829   | 21.803  | ug/l   | 91       |
| 64) Tetrachloroethene          | 11.26 | 164  | 128137   | 21.024  | ug/l   | 98       |
| 65) Chlorobenzene              | 12.40 | 112  | 339407   | 22.425  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 135896   | 21.426  | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.53 | 91   | 518537   | 21.394  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.68 | 106  | 380088   | 41.747  | ug/l   | 97       |
| 69) o-Xylene                   | 13.05 | 106  | 178445   | 20.852  | ug/l   | 96       |
| 70) Styrene                    | 13.08 | 104  | 308229   | 20.931  | ug/l   | 96       |
| 71) Bromoform                  | 13.24 | 173  | 80172    | 21.295  | ug/l   | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 526761   | 22.349  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.27 | 43   | 131236   | 20.706  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 94216    | 20.222  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 102983   | 21.577  | ug/l   | 98       |
| 77) Bromobenzene               | 13.67 | 156  | 140784   | 21.027  | ug/l   | 88       |
| 78) n-propylbenzene            | 13.78 | 91   | 623008   | 22.878  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 313196   | 19.688  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 432480   | 23.125  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 28347    | 20.429  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 411310   | 22.589  | ug/l   | 89       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 459956   | 20.946  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 410952   | 21.860  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 488281   | 21.509  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 444197   | 20.913  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 247048   | 21.136  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 247837   | 21.450  | ug/l   | 98       |
| 89) n-Butylbenzene             | 14.81 | 91   | 419742   | 22.325  | ug/l   | 97       |
| 90) Hexachloroethane           | 15.01 | 117  | 118781   | 20.518  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 222546   | 22.730  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 12786    | 22.628  | ug/l   | 84       |

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Data File : VD061906.D  
Acq On : 19 Apr 2019 13:19  
Operator : VA/AP  
Sample : VD0419SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

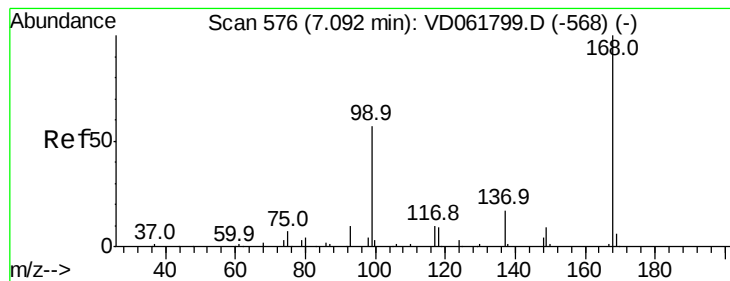
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Quant Time: Apr 19 13:46:53 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D041519S.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 18 13:49:04 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 121345   | 22.566 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 16.05 | 225  | 95030    | 24.386 | ug/l  | 99       |
| 95) Naphthalene            | 16.12 | 128  | 193983   | 23.536 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 82396    | 26.888 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

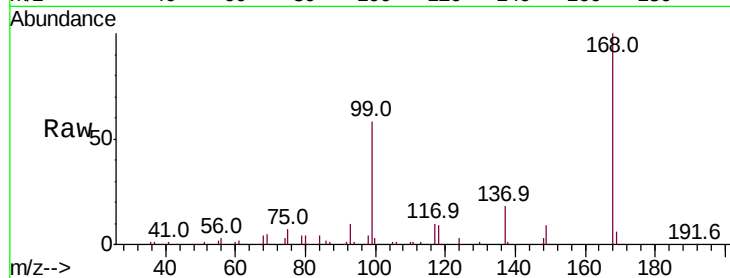
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion:168 Resp: 570348

Ion Ratio Lower Upper

168 100

99 58.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

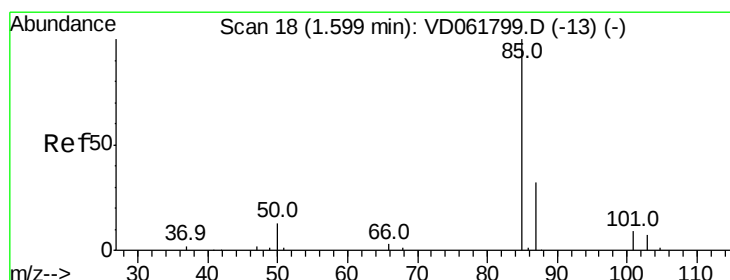
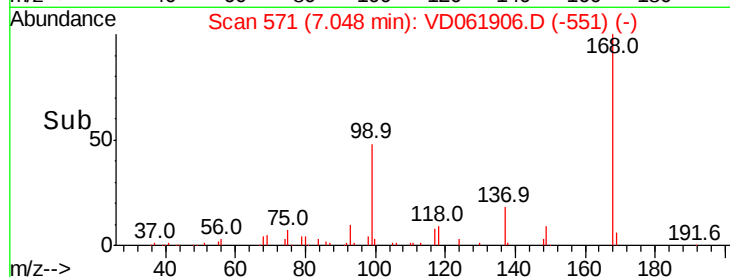
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 18.618 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.00 min

Lab File: VD061906.D

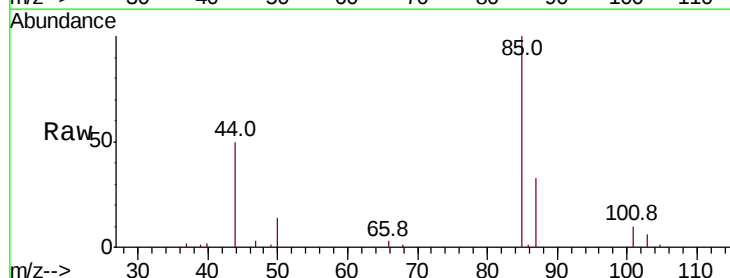
Acq: 19 Apr 2019 13:19

Tgt Ion: 85 Resp: 103643

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

50000

40000

30000

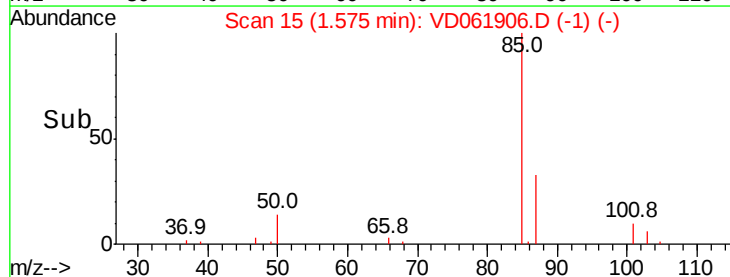
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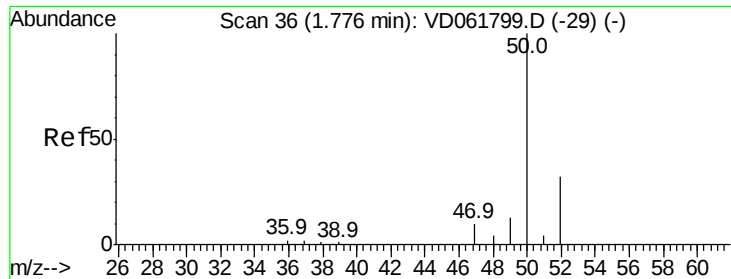
10000

0

1.50 1.60 1.70

Time-->





#3

Chloromethane

Concen: 21.147 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

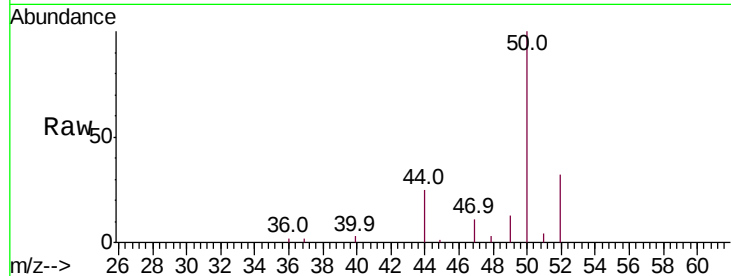
VD0419SBS01

Tot Ion: 50 Resp: 93817

Ion Ratio Lower Upper

50 100

52 31.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.75

30000

25000

20000

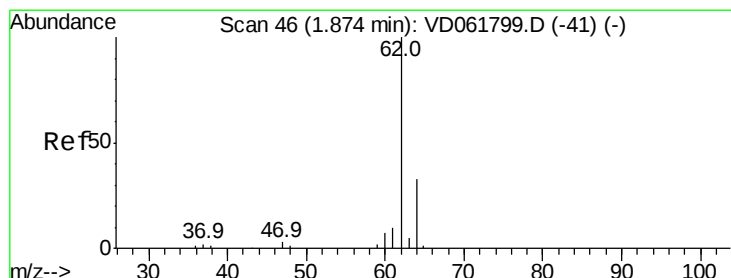
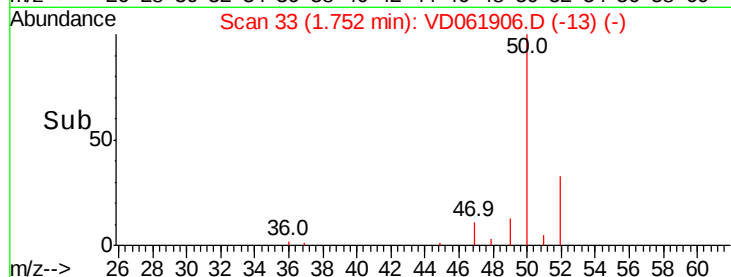
15000

10000

5000

0

Time--> 1.60 1.70 1.80 1.90



#4

Vinyl Chloride

Concen: 20.947 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.00 min

Lab File: VD061906.D

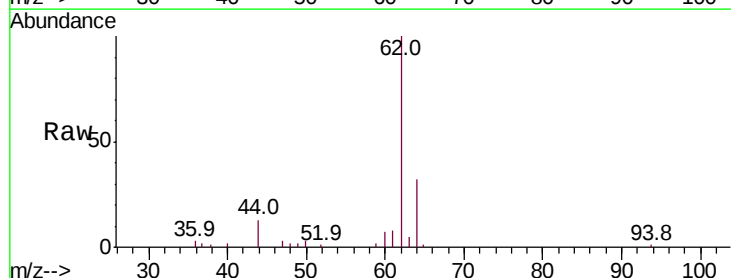
Acq: 19 Apr 2019 13:19

Tgt Ion: 62 Resp: 92227

Ion Ratio Lower Upper

62 100

64 32.0 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.85

50000

40000

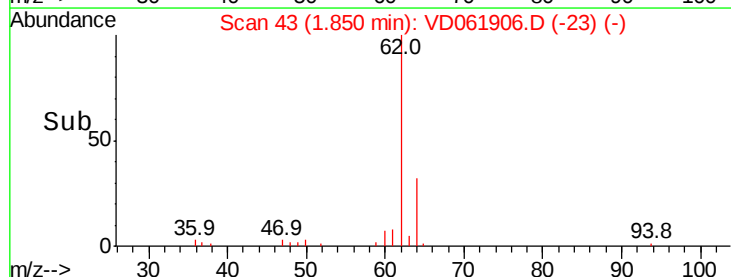
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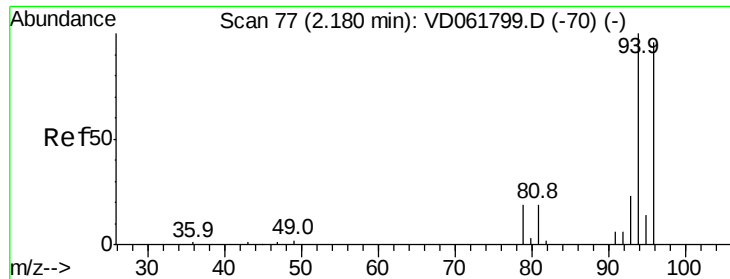
20000

10000

0

Time--> 1.80 1.90 2.00





#5

Bromomethane

Concen: 18.758 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

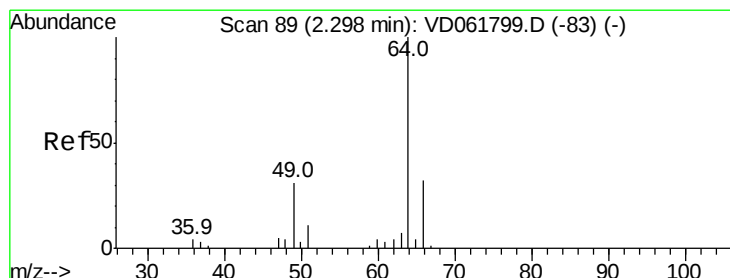
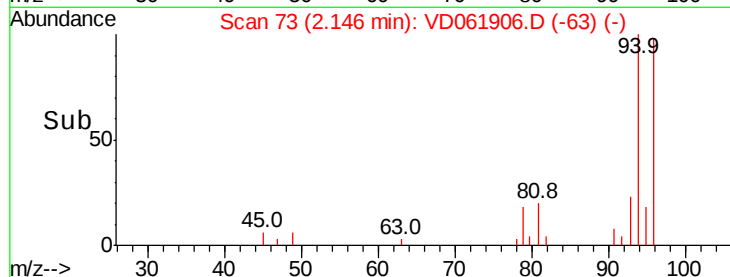
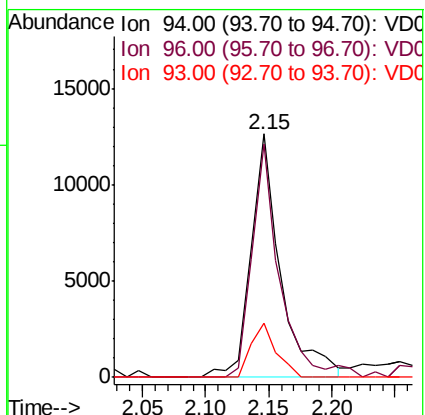
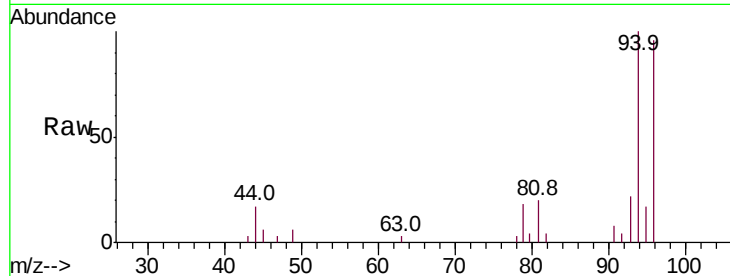
Tot Ion: 94 Resp: 20751

Ion Ratio Lower Upper

94 100

96 95.7 76.6 115.0

93 22.4 18.5 27.7



#6

Chloroethane

Concen: 19.460 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD061906.D

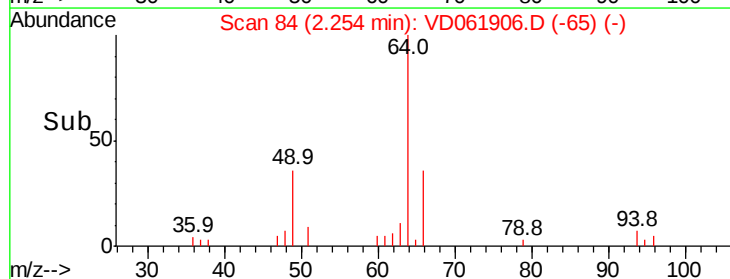
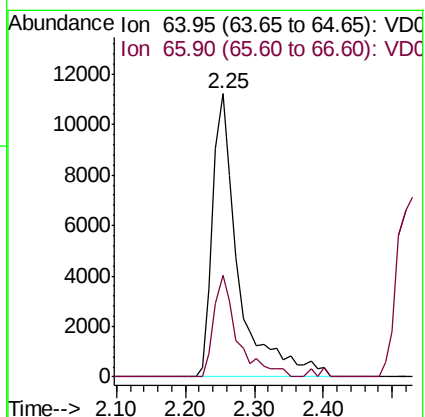
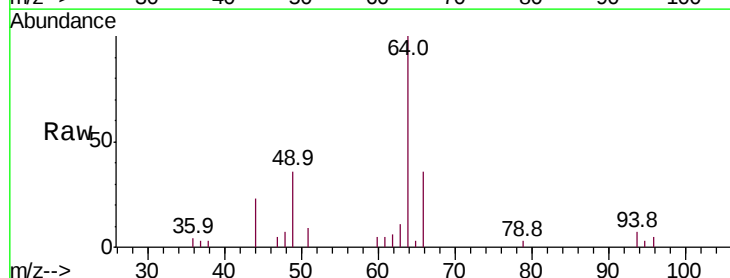
Acq: 19 Apr 2019 13:19

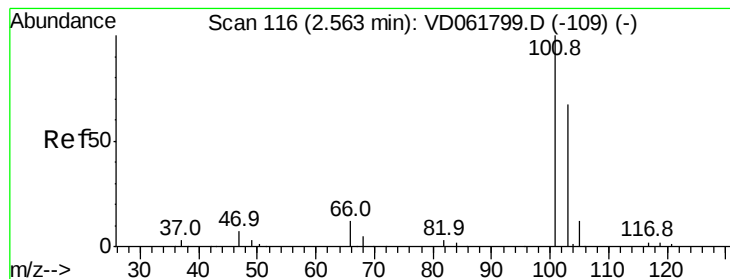
Tgt Ion: 64 Resp: 29230

Ion Ratio Lower Upper

64 100

66 36.1 25.6 38.4



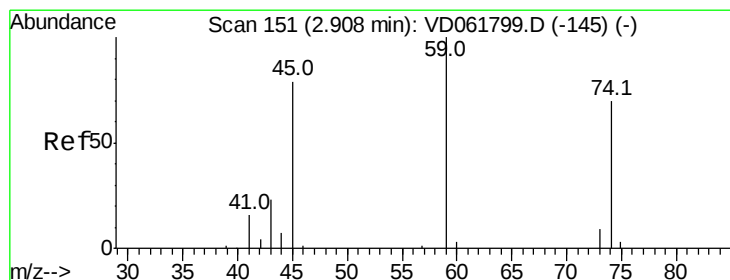
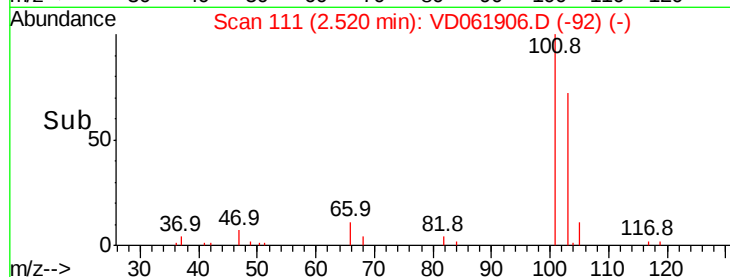
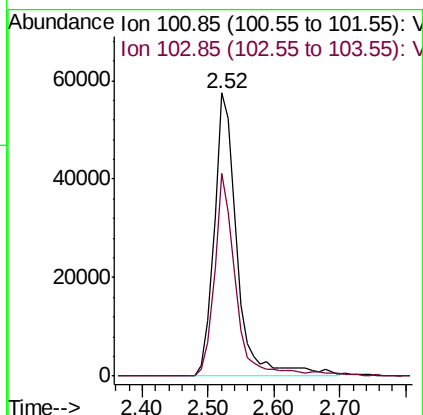
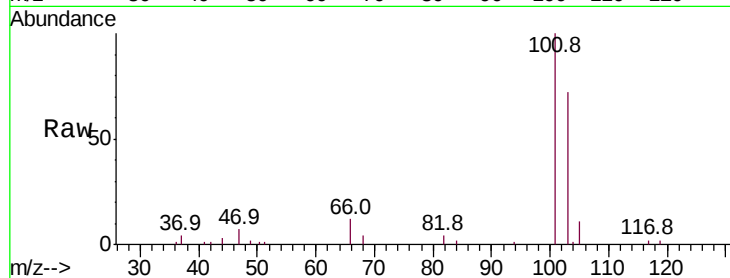


#7

Trichlorofluoromethane  
 Concen: 19.327 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. -0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

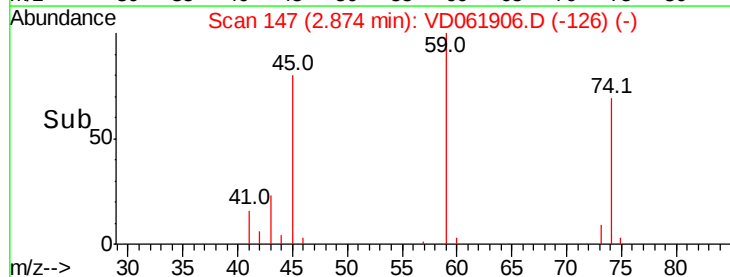
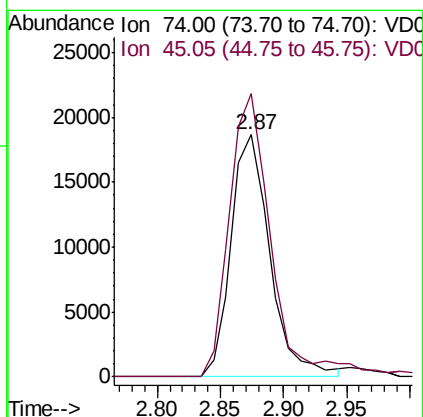
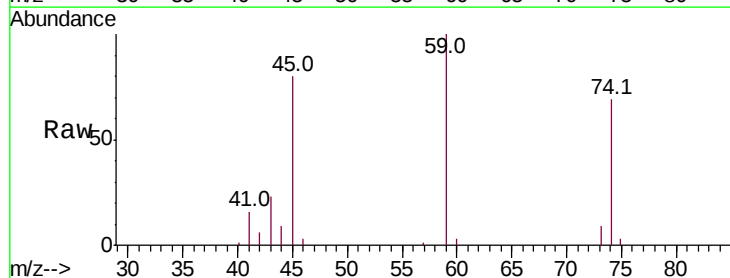
Tot Ion:101 Resp: 138015  
 Ion Ratio Lower Upper  
 101 100  
 103 71.6 53.6 80.4

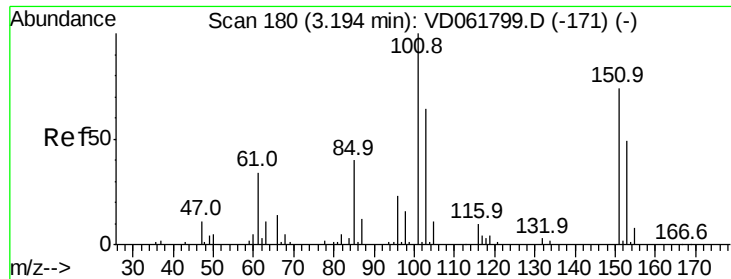


#8

Diethyl Ether  
 Concen: 21.248 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 74 Resp: 39764  
 Ion Ratio Lower Upper  
 74 100  
 45 116.8 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.178 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

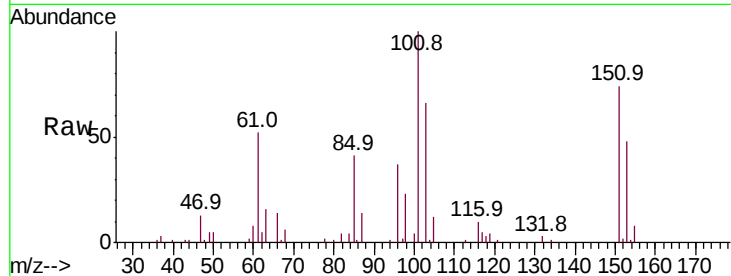
Tot Ion:101 Resp: 134847

Ion Ratio Lower Upper

101 100

85 40.9 32.4 48.6

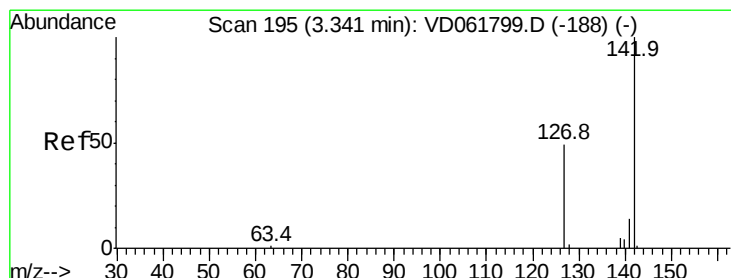
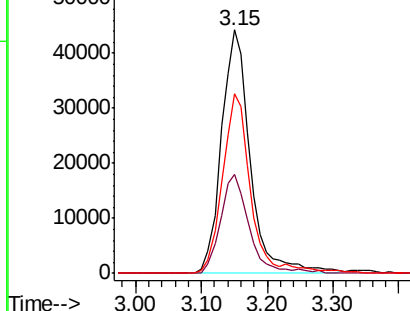
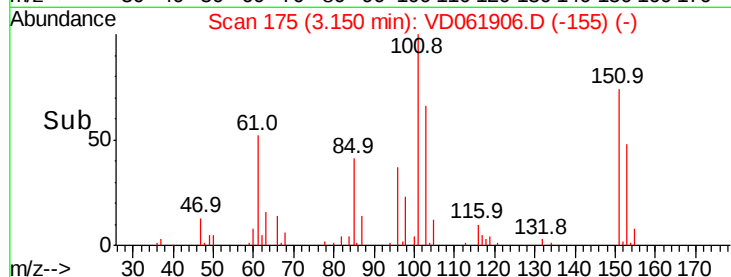
151 73.6 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 16.124 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

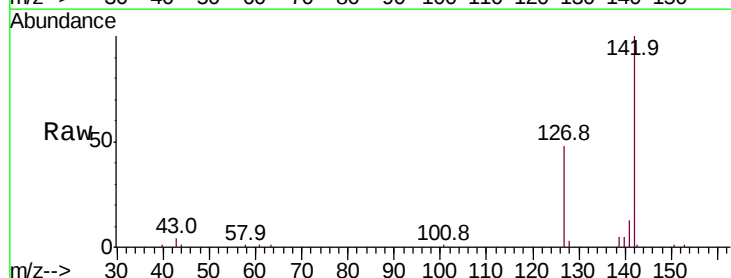
Tgt Ion:142 Resp: 137866

Ion Ratio Lower Upper

142 100

127 47.5 38.8 58.2

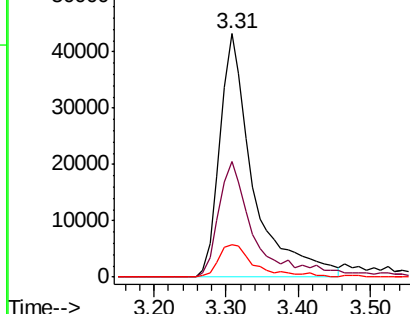
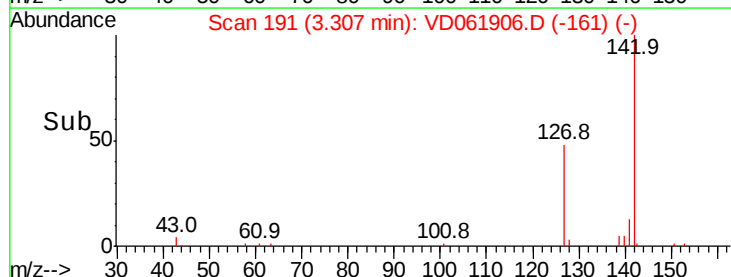
141 13.2 11.4 17.0

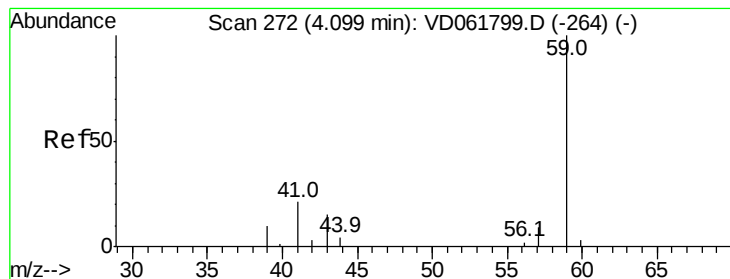


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



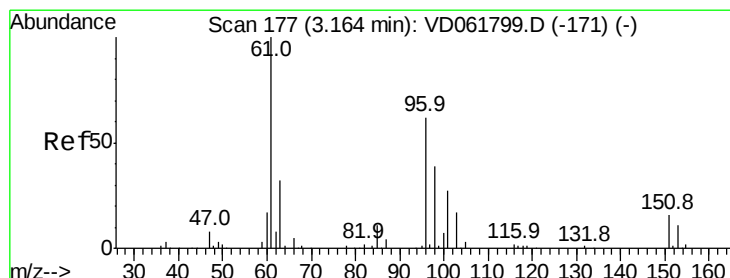
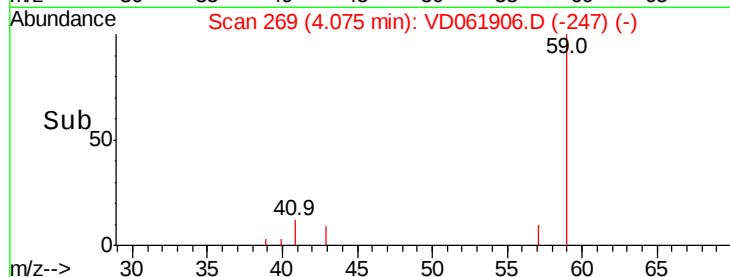
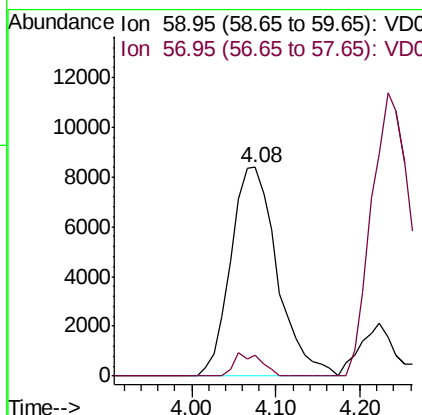
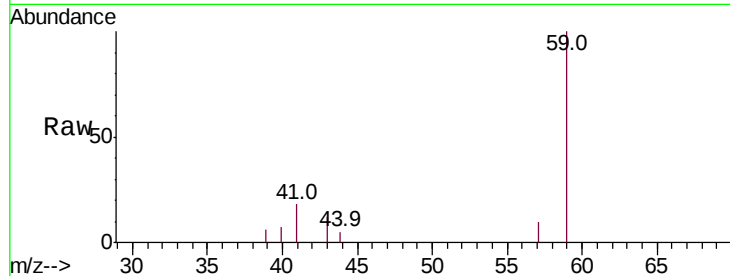


#11

Tert butyl alcohol  
 Concen: 114.519 ug/l  
 RT: 4.08 min Scan# 269  
 Delta R.T. 0.02 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

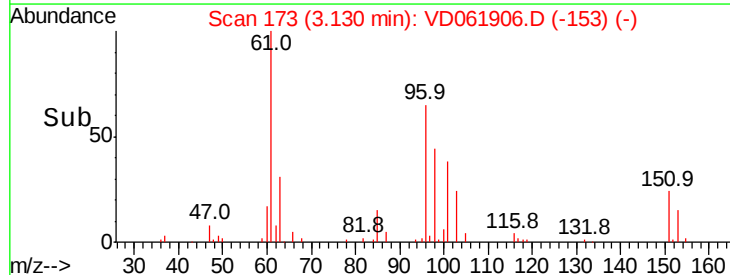
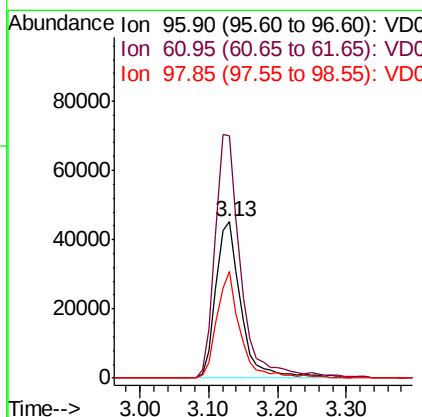
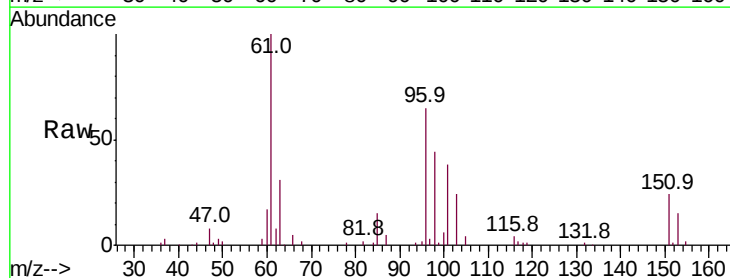
Tot Ion: 59 Resp: 32282  
 Ion Ratio Lower Upper  
 59 100  
 57 10.1 6.9 10.3

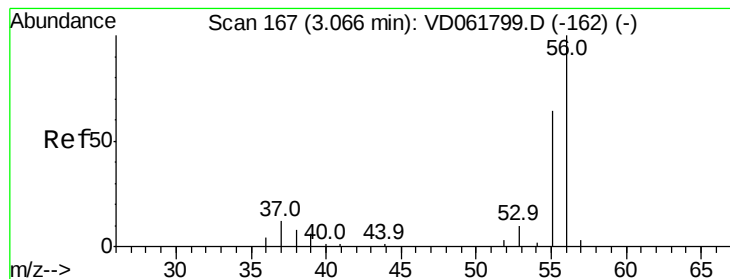


#12

1,1-Dichloroethene  
 Concen: 21.537 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. -0.00 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 96 Resp: 115283  
 Ion Ratio Lower Upper  
 96 100  
 61 154.6 129.8 194.8  
 98 67.9 51.2 76.8





#13

Acrolein

Concen: 82.698 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

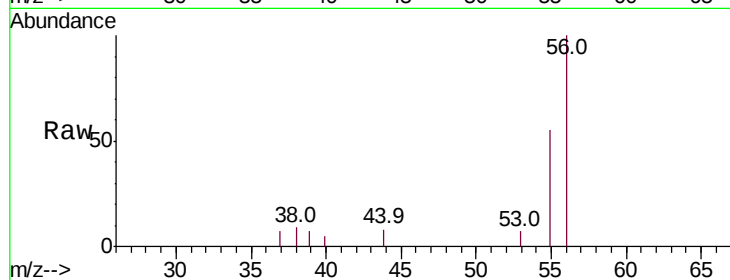
VD0419SBS01

Tot Ion: 56 Resp: 22568

Ion Ratio Lower Upper

56 100

55 54.6 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.03

10000

8000

6000

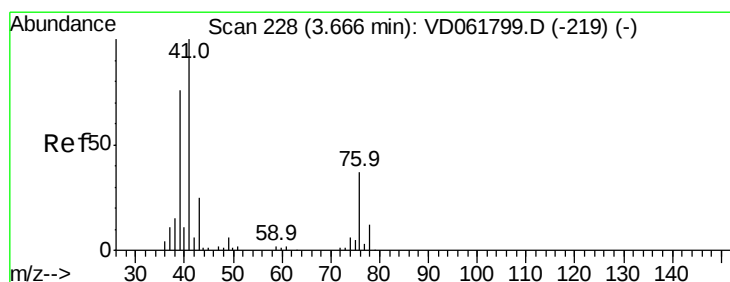
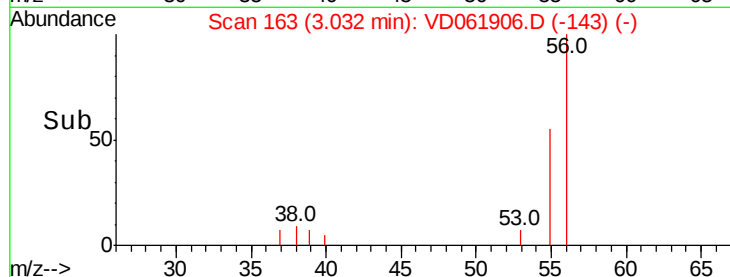
4000

2000

0

Time-->

3.00 3.10



#14

Allyl chloride

Concen: 22.079 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

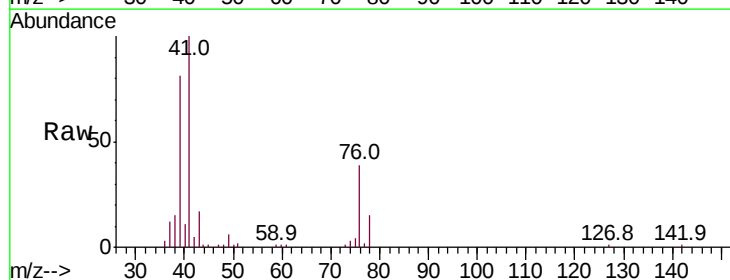
Tgt Ion: 41 Resp: 161094

Ion Ratio Lower Upper

41 100

39 80.9 60.5 90.7

76 38.9 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.62

60000

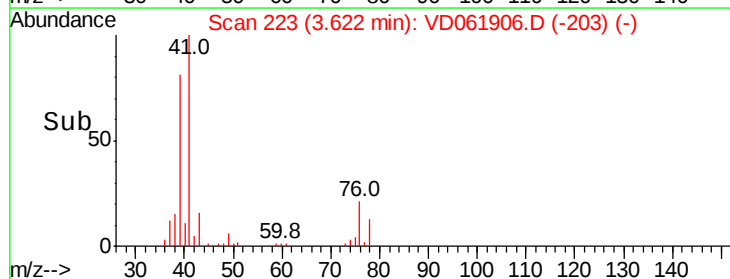
40000

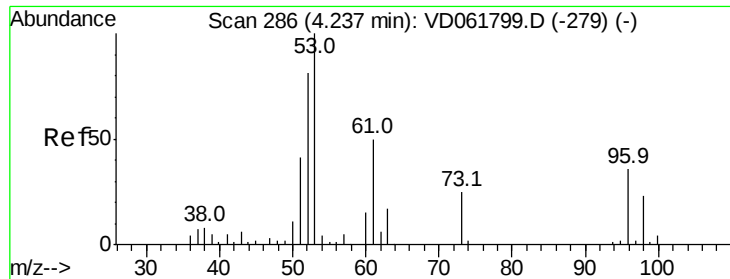
20000

0

Time-->

3.50 3.60 3.70 3.80





#15

Acrylonitrile

Concen: 106.972 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

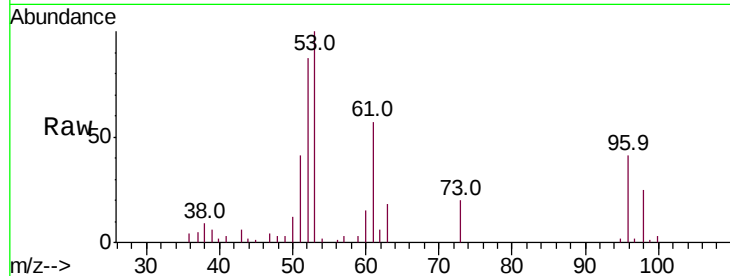
Tot Ion: 53 Resp: 94667

Ion Ratio Lower Upper

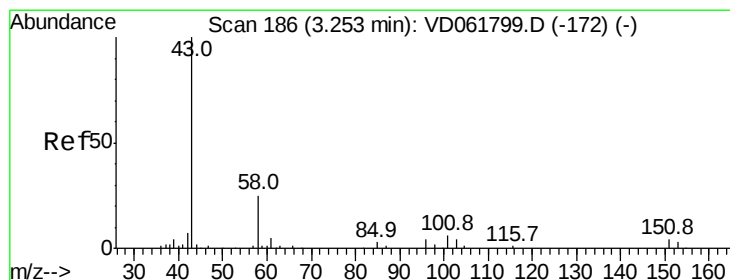
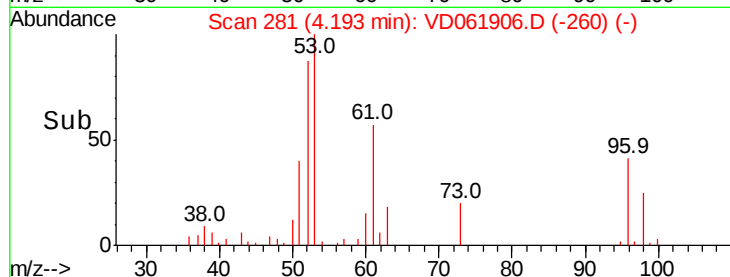
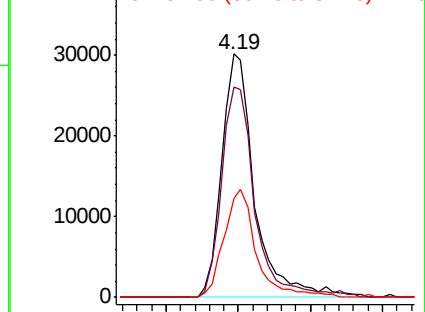
53 100

52 86.6 65.0 97.4

51 40.6 32.6 48.8



Abundance Ion 53.00 (52.70 to 53.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC  
Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 104.846 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061906.D

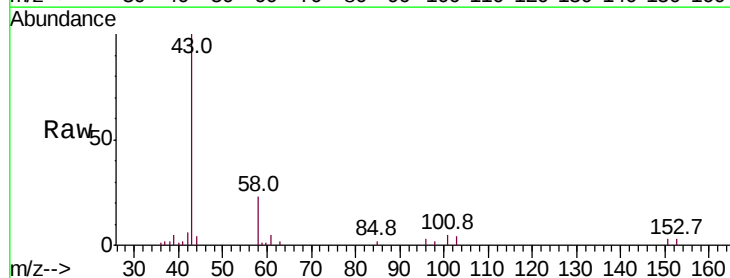
Acq: 19 Apr 2019 13:19

Tgt Ion: 43 Resp: 123519

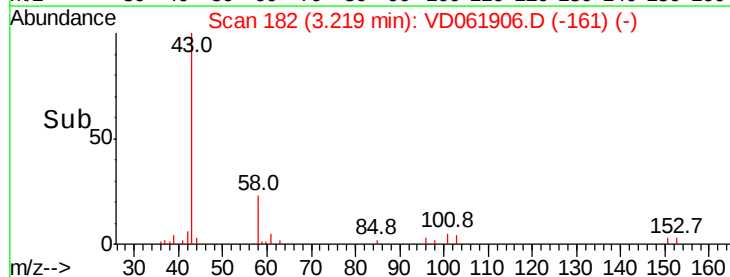
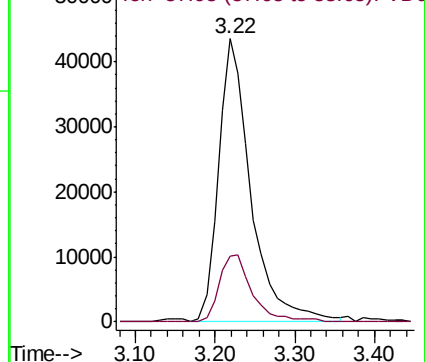
Ion Ratio Lower Upper

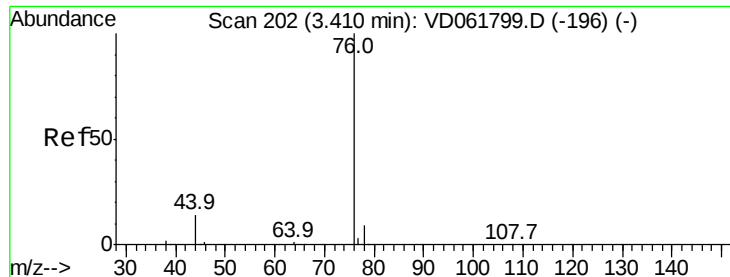
43 100

58 23.1 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 57.95 (57.65 to 58.65): VDC

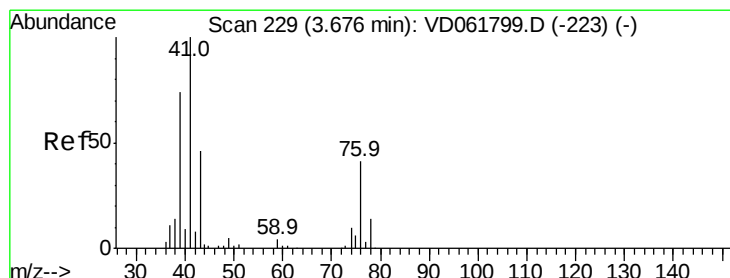
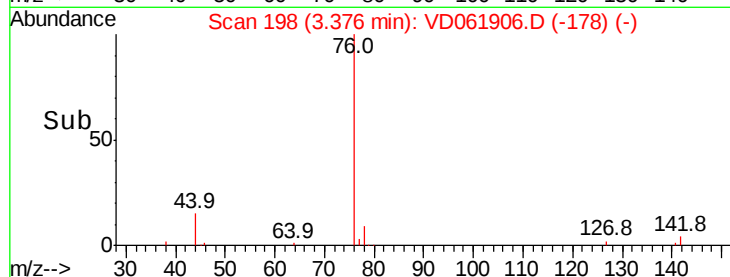
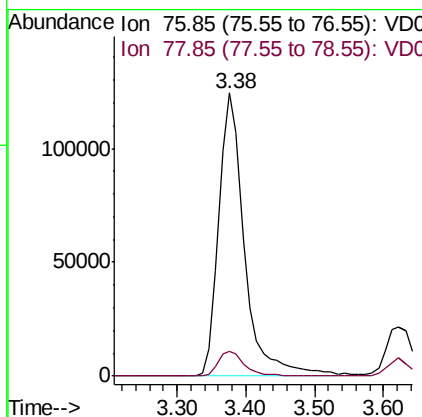
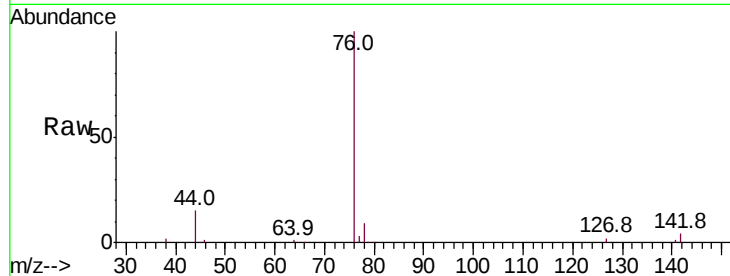




#17  
Carbon Disulfide  
Concen: 18.649 ug/l  
RT: 3.38 min Scan# 198  
Delta R.T. -0.00 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

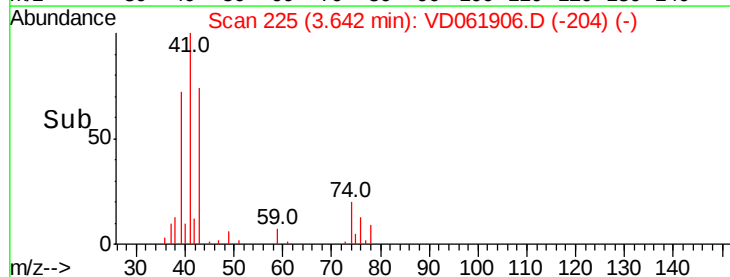
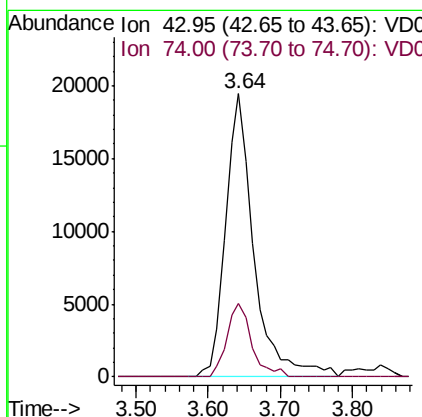
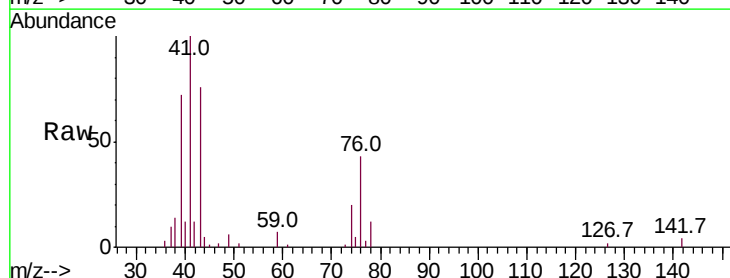
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

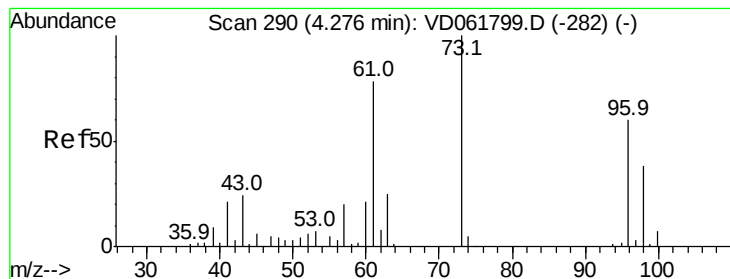
Tot Ion: 76 Resp: 322539  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.2 10.8



#18  
Methyl Acetate  
Concen: 22.383 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion: 43 Resp: 52852  
Ion Ratio Lower Upper  
43 100  
74 26.2 18.0 27.0



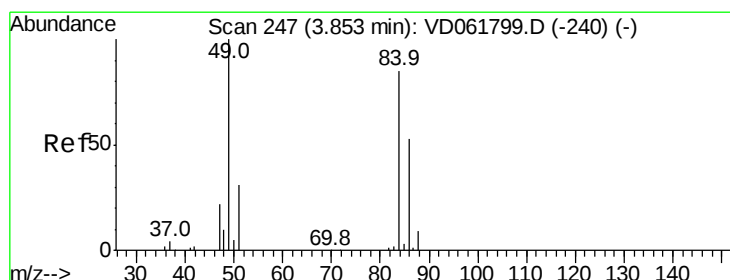
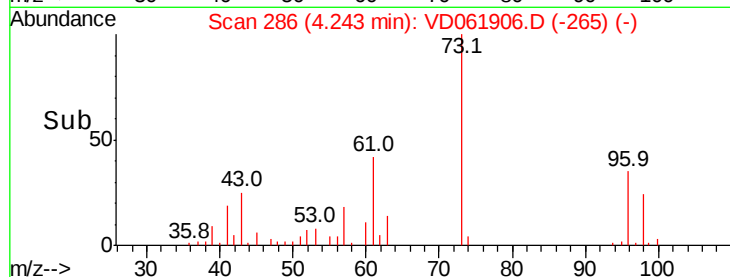
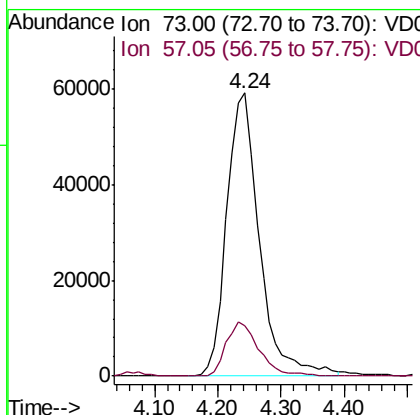
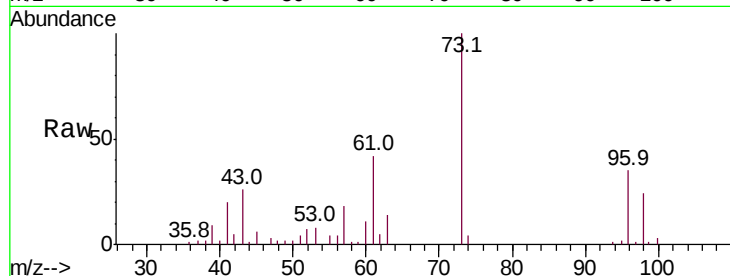


#19

Methyl tert-butyl Ether  
 Concen: 21.241 ug/l  
 RT: 4.24 min Scan# 286  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

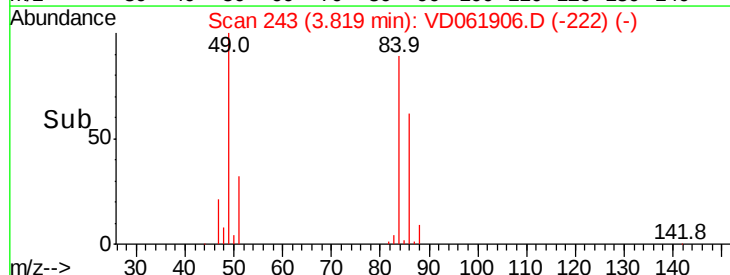
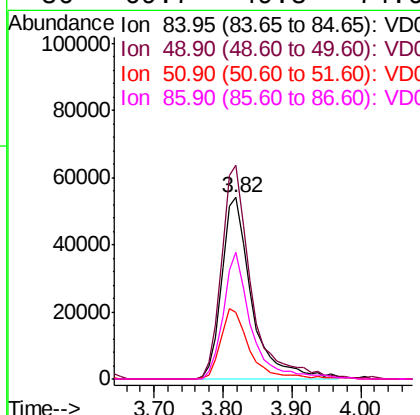
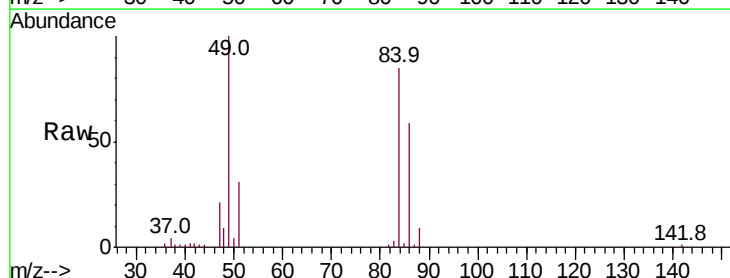
Tot Ion: 73 Resp: 212182  
 Ion Ratio Lower Upper  
 73 100  
 57 18.0 16.3 24.5

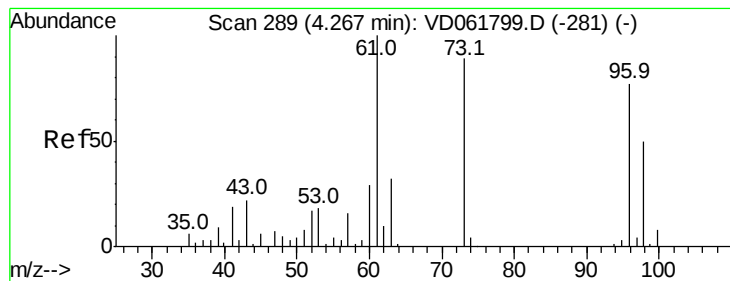


#20

Methylene Chloride  
 Concen: 25.621 ug/l  
 RT: 3.82 min Scan# 243  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 84 Resp: 163134  
 Ion Ratio Lower Upper  
 84 100  
 49 117.8 94.0 141.0  
 51 36.8 29.0 43.4  
 86 69.7 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 21.634 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

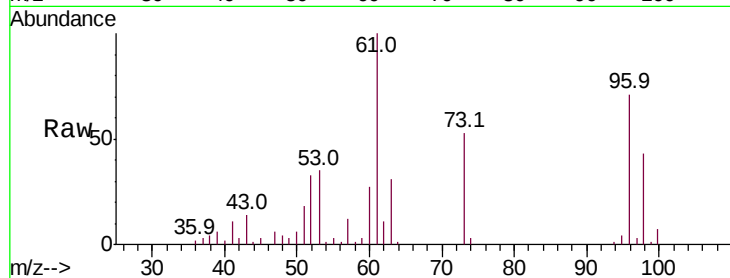
Tot Ion: 96 Resp: 127267

Ion Ratio Lower Upper

96 100

61 140.9 104.4 156.6

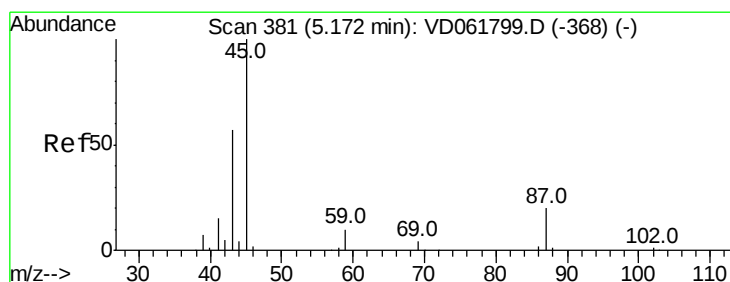
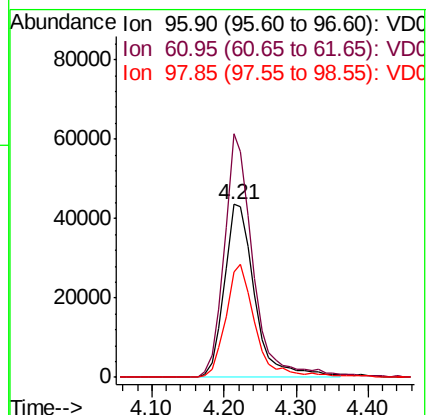
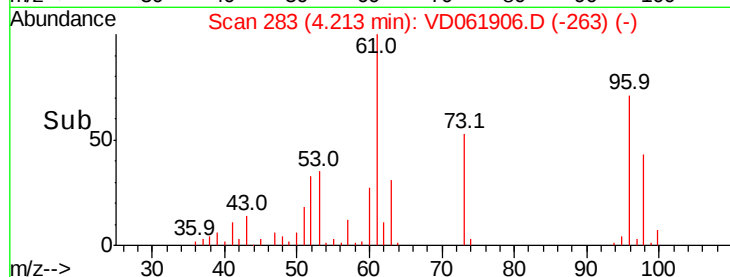
98 60.6 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 22.180 ug/l

RT: 5.12 min Scan# 375

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Tgt Ion: 45 Resp: 345931

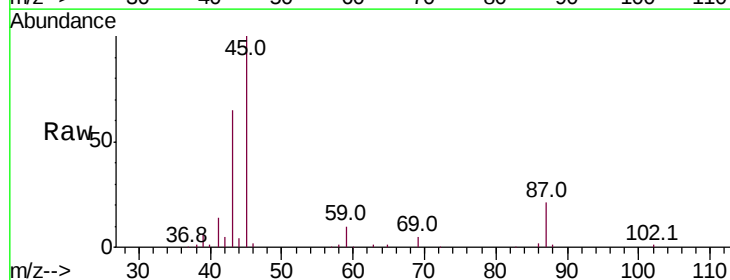
Ion Ratio Lower Upper

45 100

43 65.0 46.2 69.2

87 20.9 15.9 23.9

59 9.9 7.9 11.9

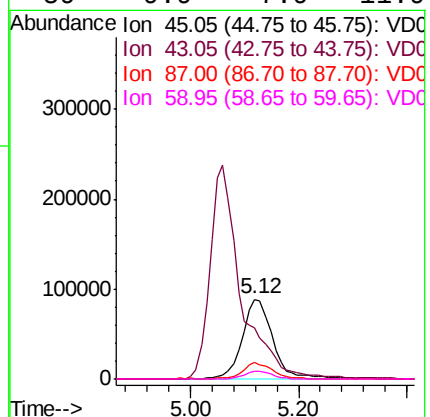
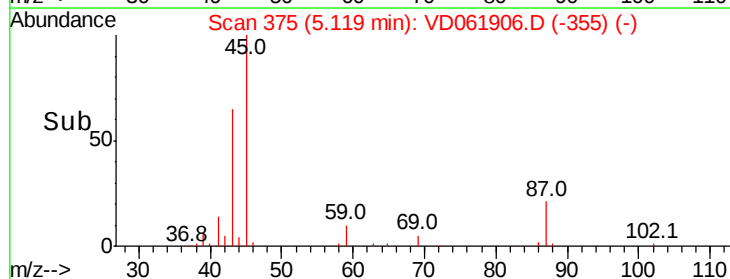


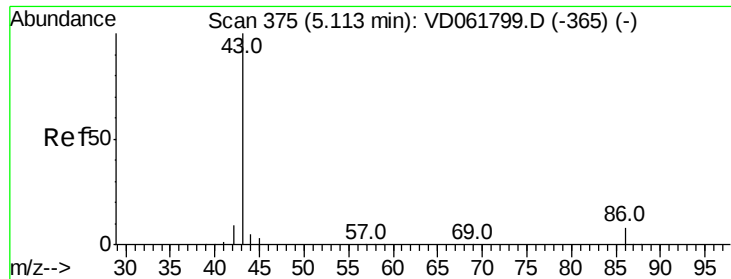
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 111.204 ug/l

RT: 5.06 min Scan# 369

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleID :

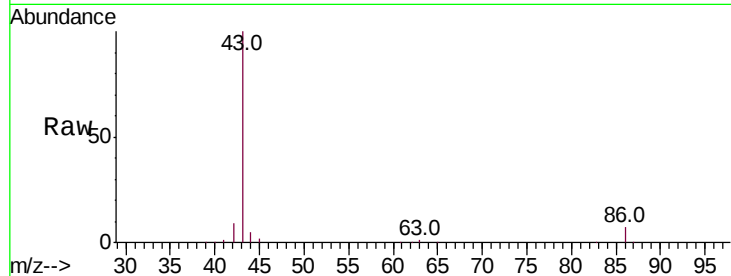
VD0419SBS01

Tot Ion: 43 Resp: 927132

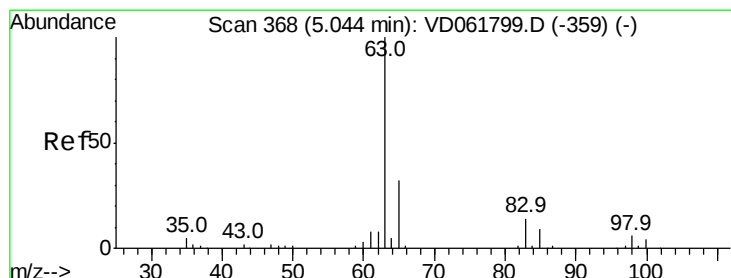
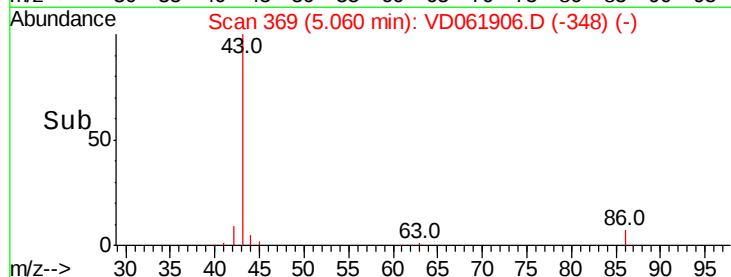
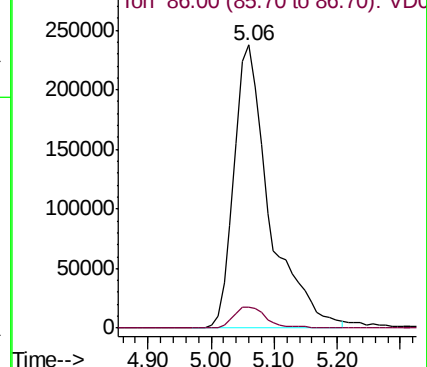
Ion Ratio Lower Upper

43 100

86 7.2 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC



#24

1,1-Dichloroethane

Concen: 21.316 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

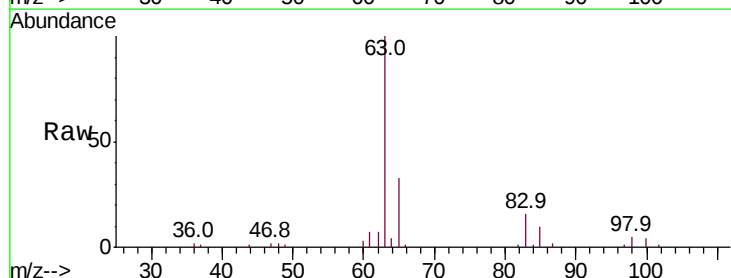
Tgt Ion: 63 Resp: 201561

Ion Ratio Lower Upper

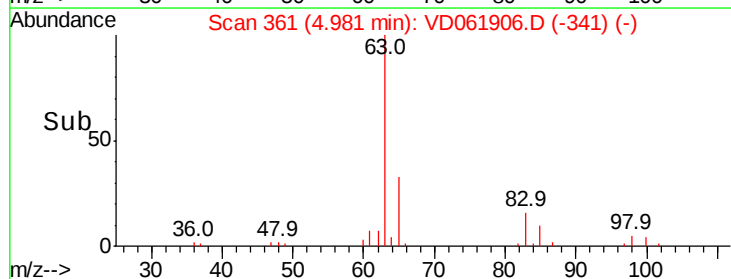
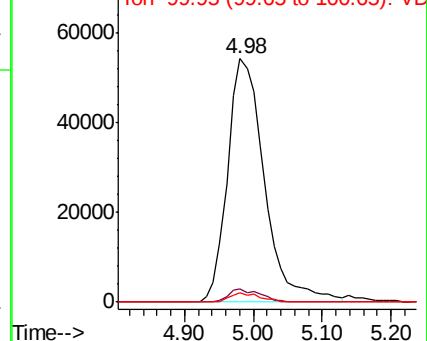
63 100

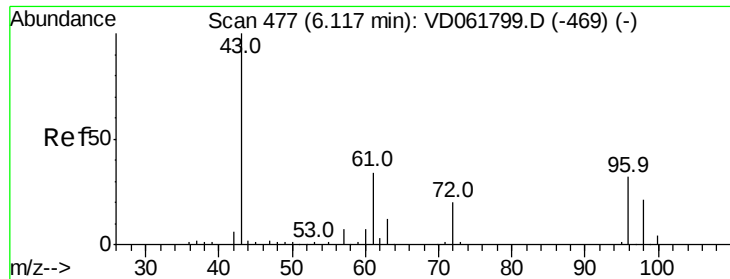
98 5.4 2.8 8.4

100 4.0 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC





#25

2-Butanone

Concen: 106.271 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

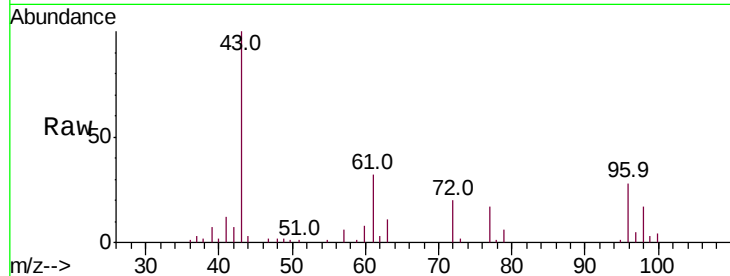
VD0419SBS01

Tot Ion: 43 Resp: 142534

Ion Ratio Lower Upper

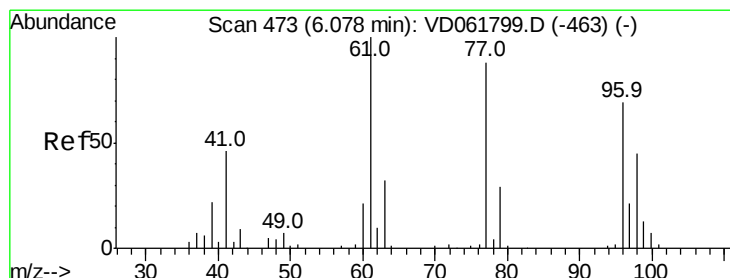
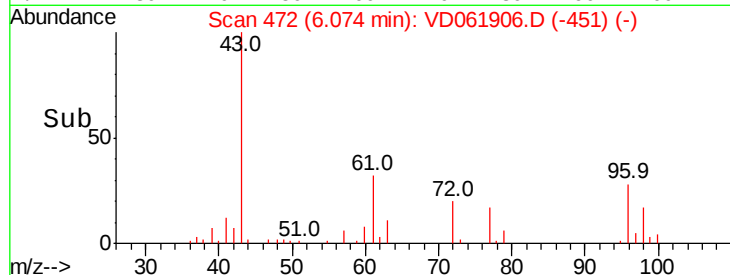
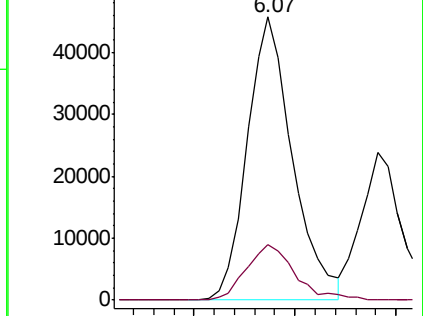
43 100

72 19.5 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 20.416 ug/l

RT: 6.02 min Scan# 467

Delta R.T. 0.01 min

Lab File: VD061906.D

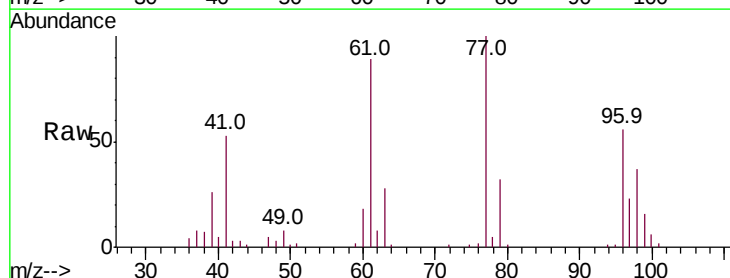
Acq: 19 Apr 2019 13:19

Tgt Ion: 77 Resp: 166865

Ion Ratio Lower Upper

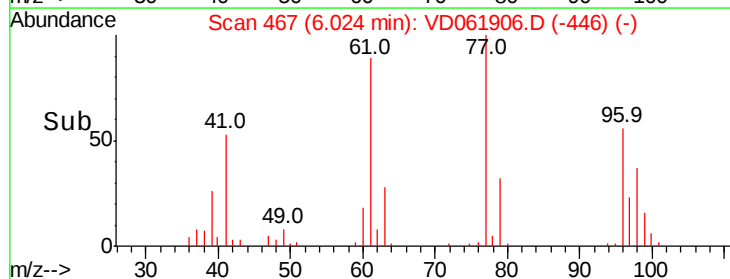
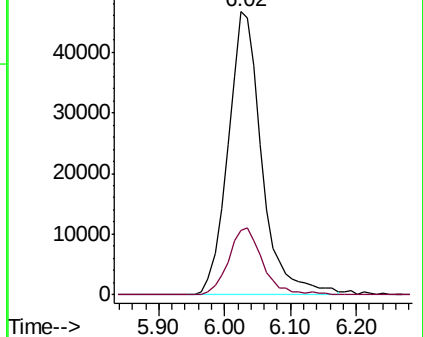
77 100

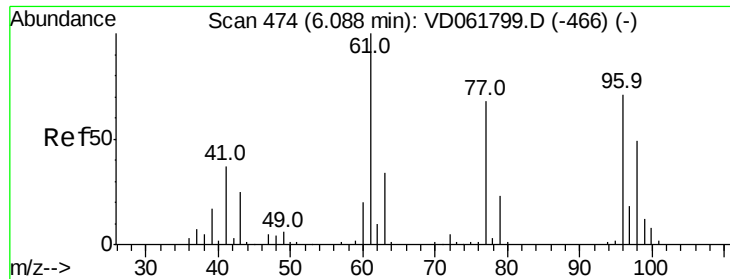
97 22.9 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



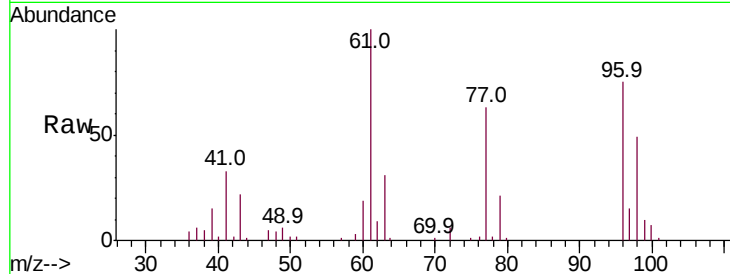


#27

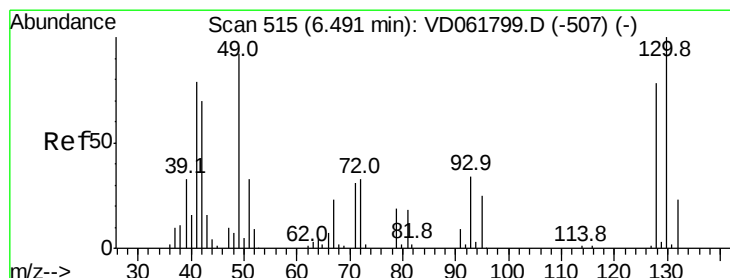
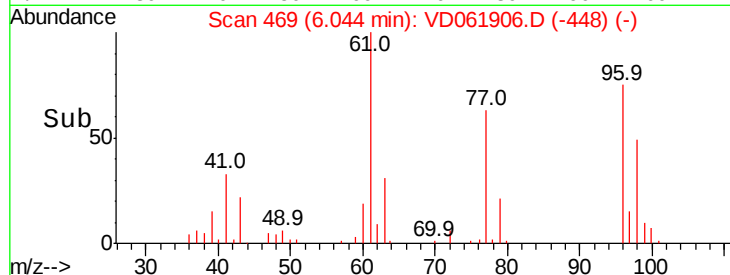
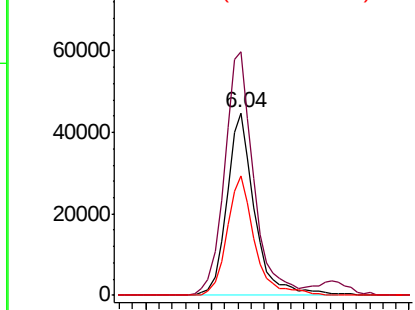
cis-1,2-Dichloroethene  
 Concen: 20.525 ug/l  
 RT: 6.04 min Scan# 469  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

| Tot Ion | 96    | Resp  | 130890 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 96      | 100   |       |        |
| 61      | 133.6 | 0.0   | 279.8  |
| 98      | 65.2  | 0.0   | 136.0  |



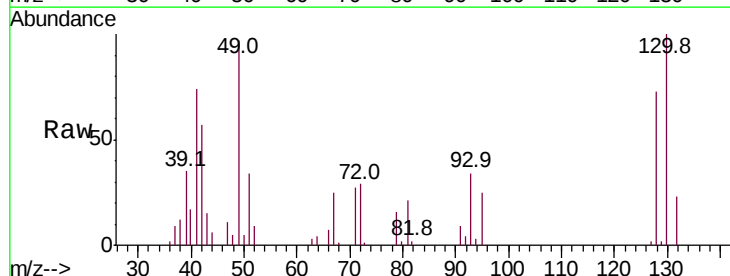
Abundance Ion 95.90 (95.60 to 96.60): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 97.85 (97.55 to 98.55): VDC



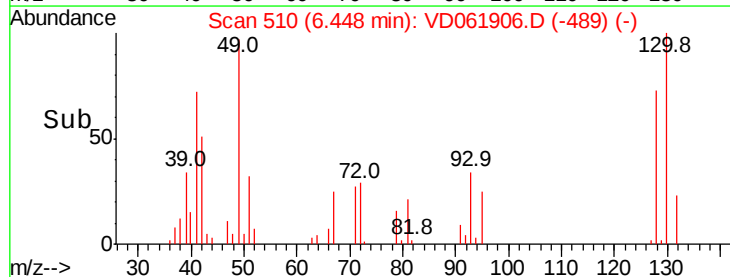
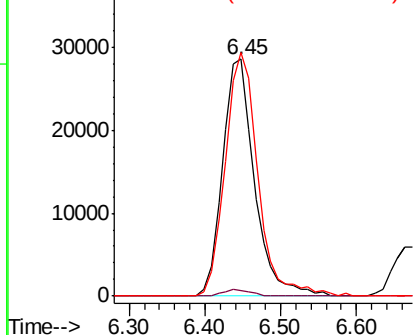
#28

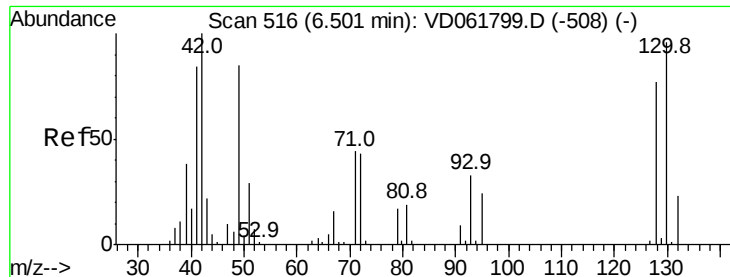
Bromochloromethane  
 Concen: 23.234 ug/l  
 RT: 6.45 min Scan# 510  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

| Tgt Ion | 49    | Resp  | 83452 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 49      | 100   |       |       |
| 129     | 2.4   | 0.0   | 6.6   |
| 130     | 102.9 | 86.7  | 130.1 |



Abundance Ion 48.90 (48.60 to 49.60): VDC  
 Ion 128.80 (128.50 to 129.50): VDC  
 Ion 129.80 (129.50 to 130.50): VDC





#29

Tetrahydrofuran

Concen: 115.001 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

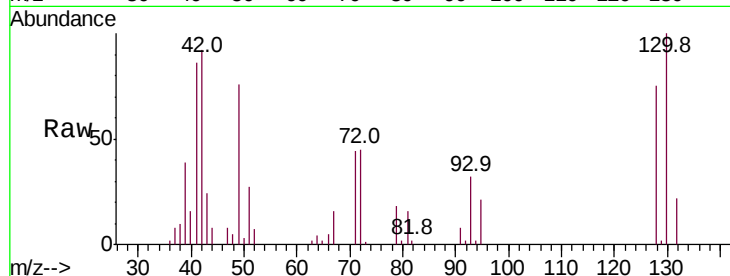
Tot Ion: 42 Resp: 75134

Ion Ratio Lower Upper

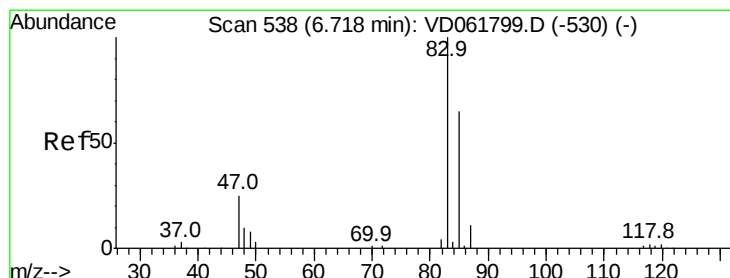
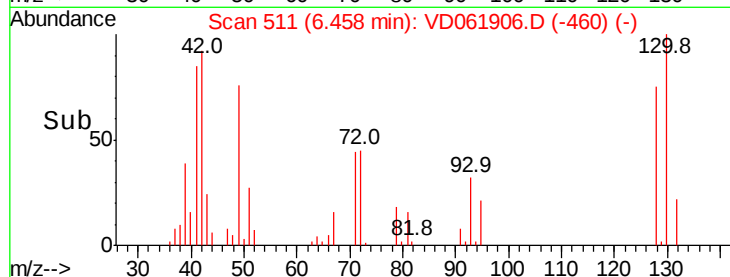
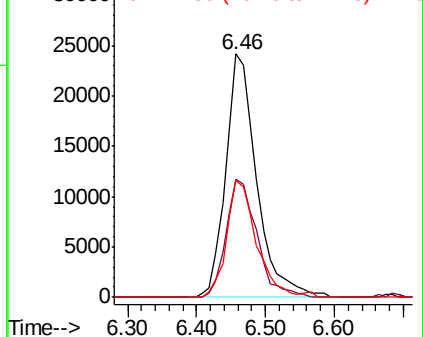
42 100

72 48.1 37.8 56.6

71 46.6 36.7 55.1



Abundance Ion 42.00 (41.70 to 42.70): VDC  
Ion 72.00 (71.70 to 72.70): VDC  
Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 20.488 ug/l

RT: 6.67 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD061906.D

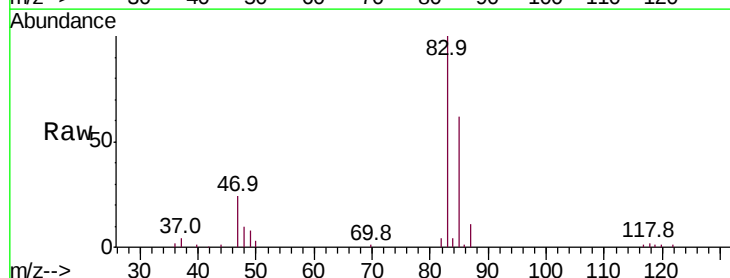
Acq: 19 Apr 2019 13:19

Tgt Ion: 83 Resp: 216087

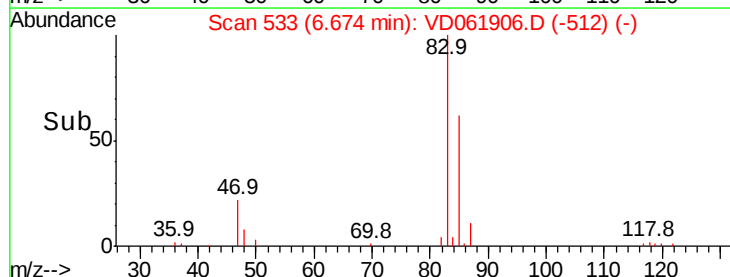
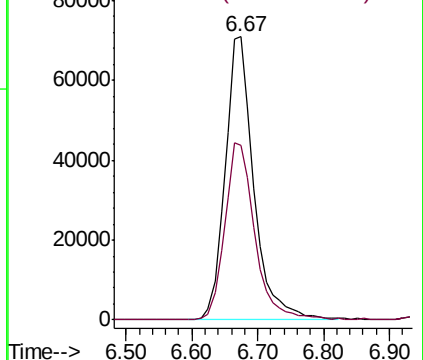
Ion Ratio Lower Upper

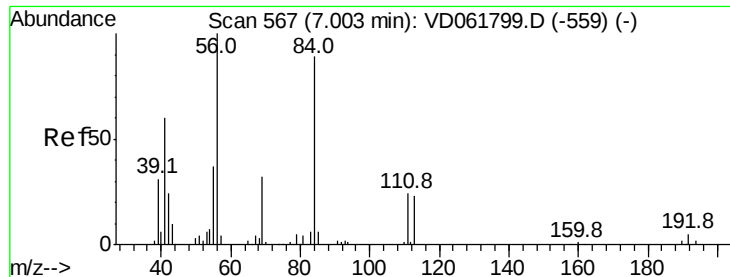
83 100

85 61.6 51.7 77.5



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 84.95 (84.65 to 85.65): VDC

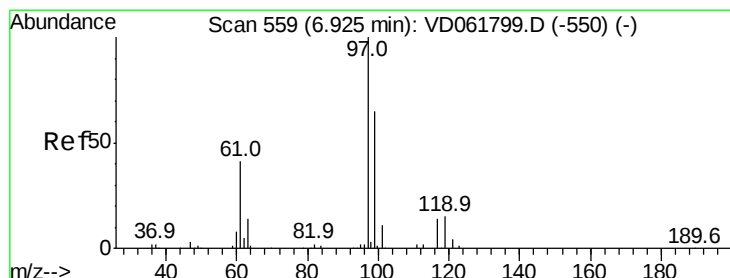
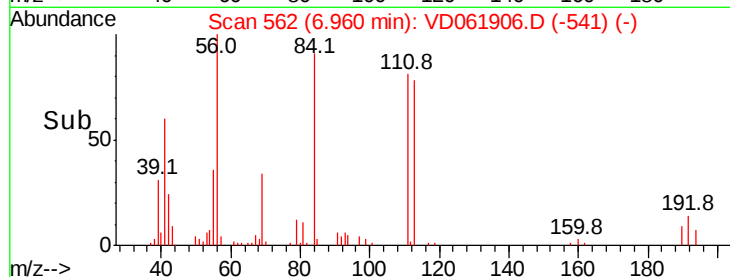
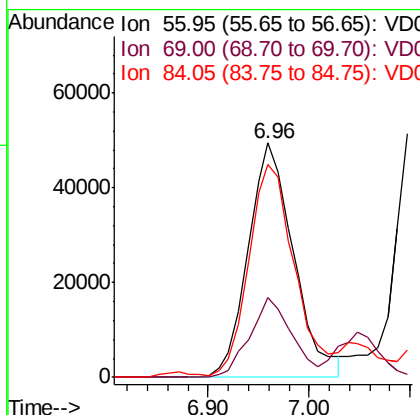
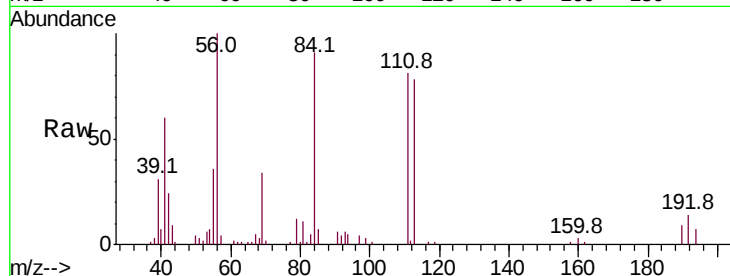




#31  
Cyclohexane  
Concen: 21.344 ug/l  
RT: 6.96 min Scan# 562  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

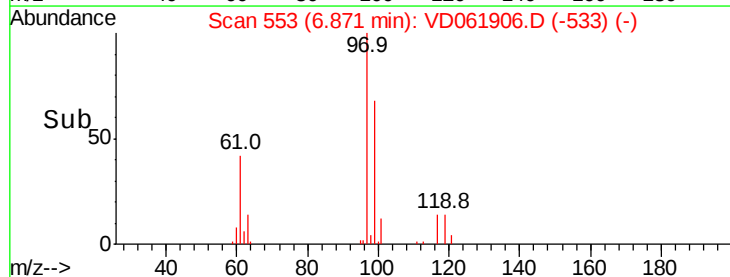
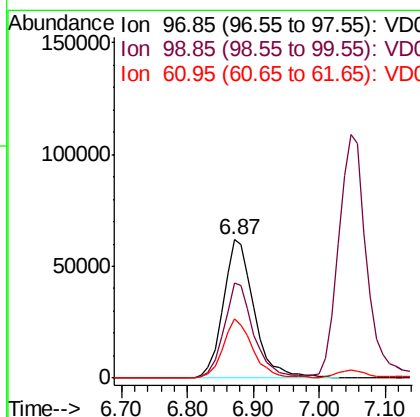
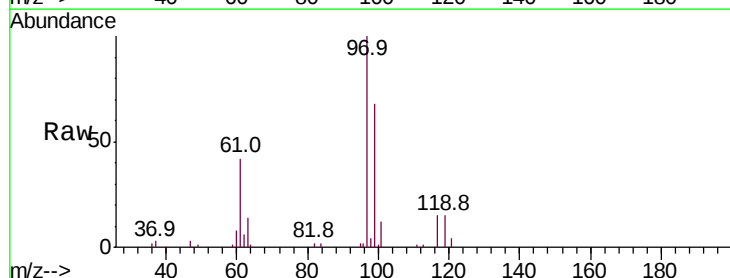
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

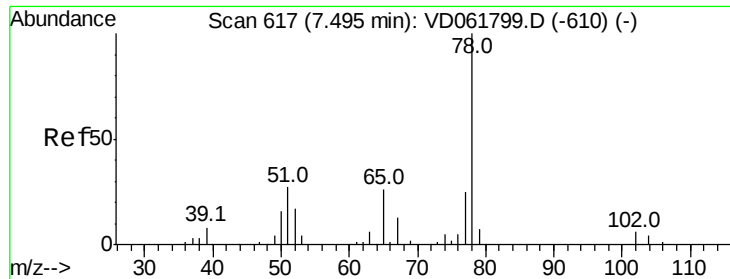
Tot Ion: 56 Resp: 154508  
Ion Ratio Lower Upper  
56 100  
69 33.9 25.8 38.6  
84 90.8 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 21.624 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.00 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion: 97 Resp: 202176  
Ion Ratio Lower Upper  
97 100  
99 68.3 52.2 78.2  
61 42.4 32.4 48.6

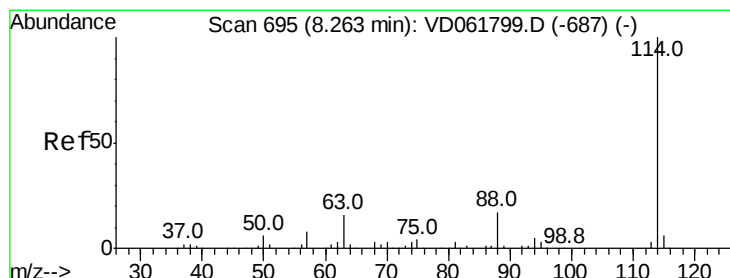
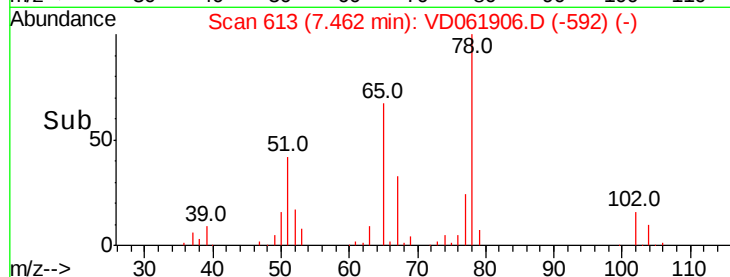
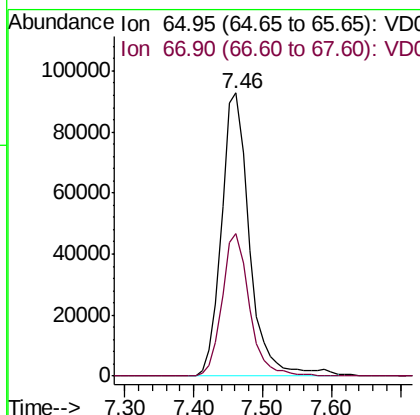
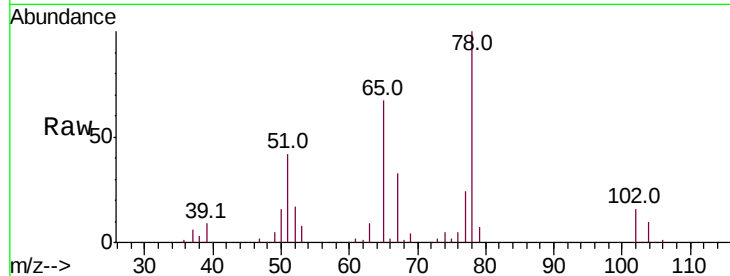




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.887 ug/l  
 RT: 7.46 min Scan# 613  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

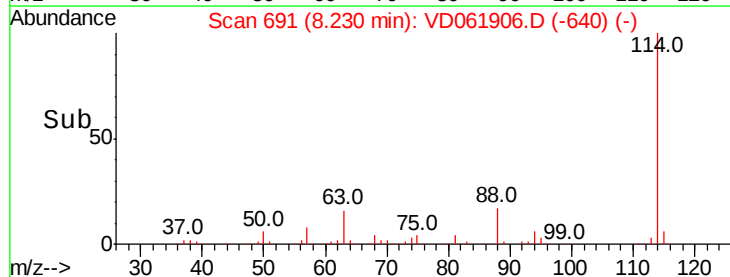
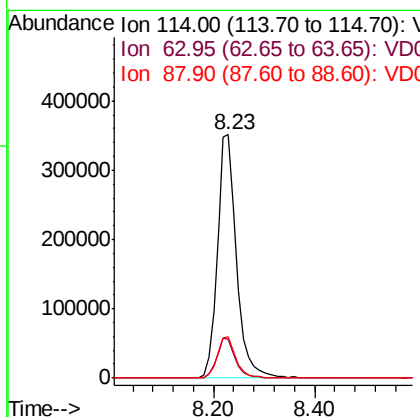
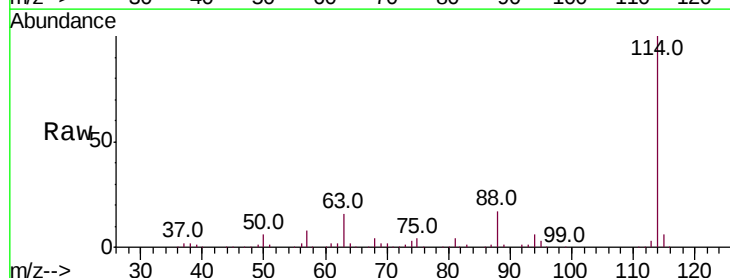
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

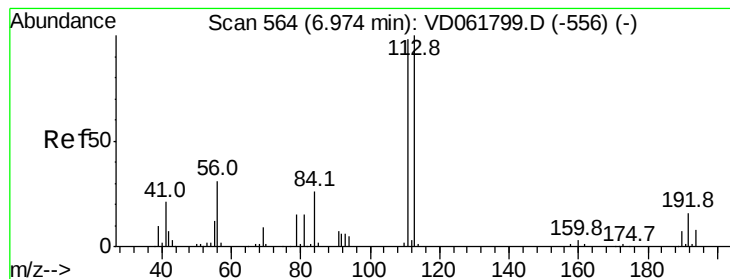
Tot Ion: 65 Resp: 262363  
 Ion Ratio Lower Upper  
 65 100  
 67 50.2 0.0 98.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.23 min Scan# 691  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion:114 Resp: 931846  
 Ion Ratio Lower Upper  
 114 100  
 63 16.1 0.0 32.4  
 88 17.0 0.0 33.6





#35

Dibromofluoromethane

Concen: 53.576 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

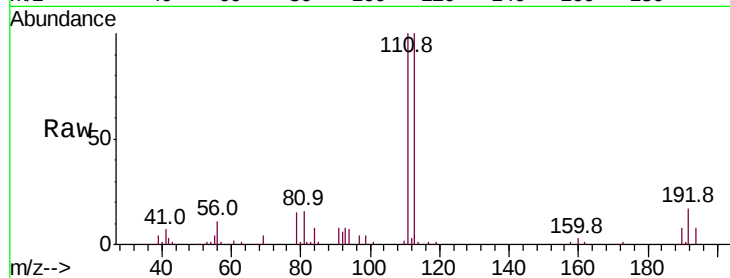
Tot Ion:113 Resp: 377182

Ion Ratio Lower Upper

113 100

111 99.8 78.5 117.7

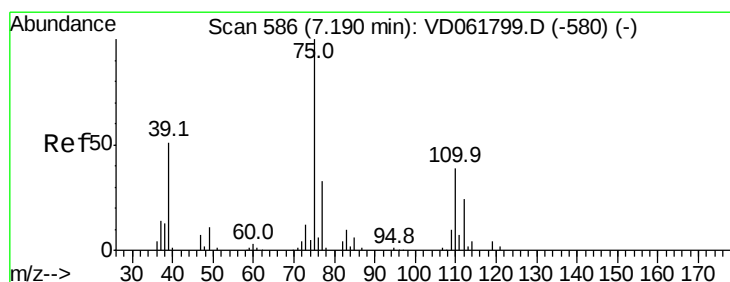
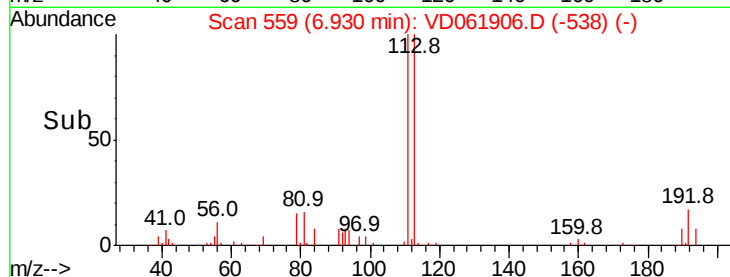
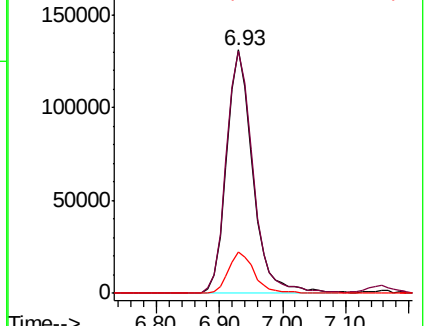
192 17.2 13.0 19.4



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 21.260 ug/l

RT: 7.16 min Scan# 582

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

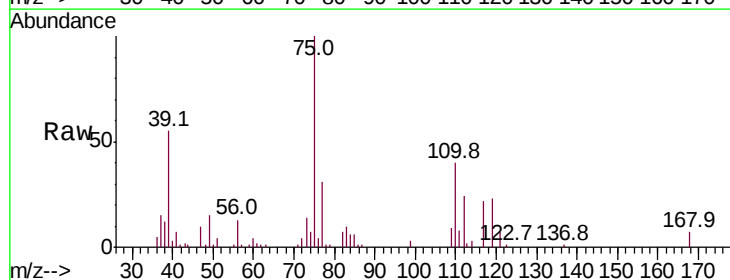
Tgt Ion: 75 Resp: 161886

Ion Ratio Lower Upper

75 100

110 39.8 19.1 57.1

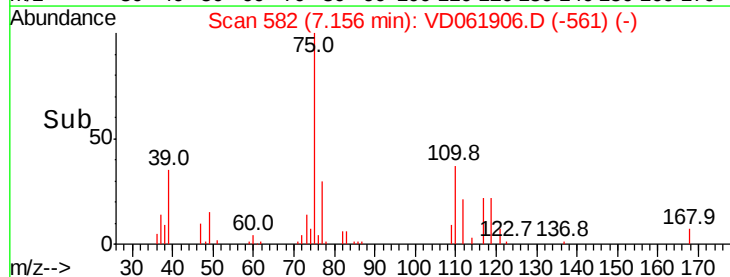
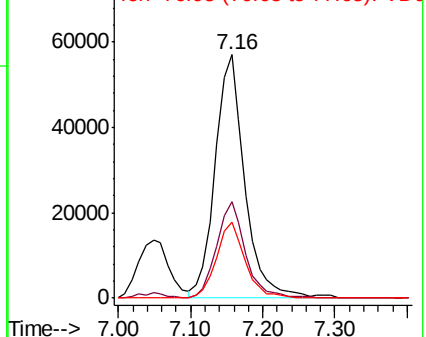
77 31.3 25.6 38.4

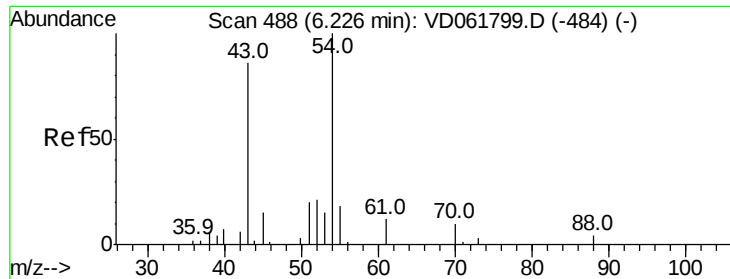


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 21.536 ug/l

RT: 6.18 min Scan# 483

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

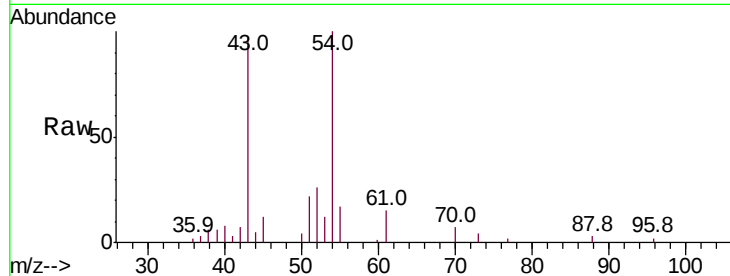
Tot Ion: 43 Resp: 70185

Ion Ratio Lower Upper

43 100

61 15.3 14.7 22.1

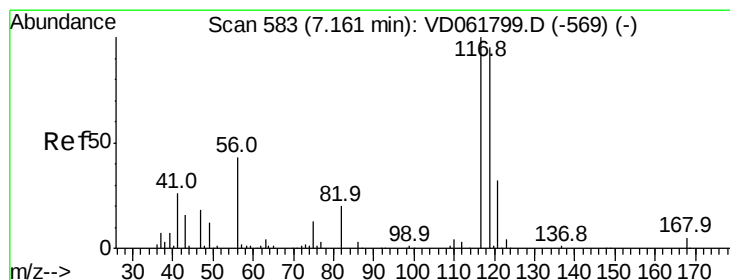
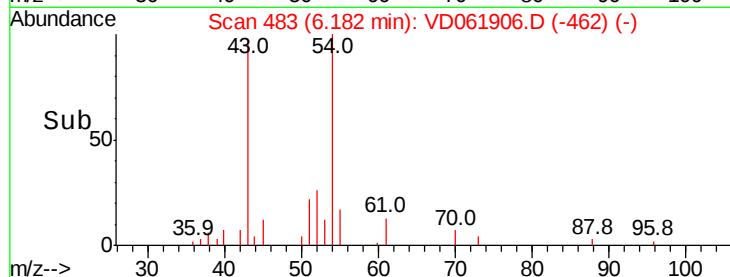
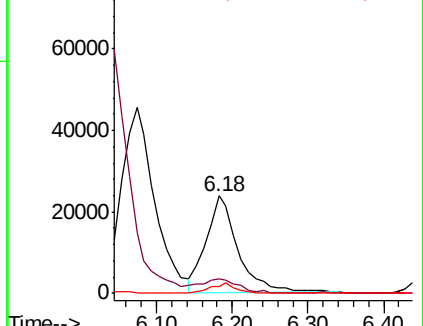
70 7.6 7.8 11.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 20.659 ug/l

RT: 7.12 min Scan# 578

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

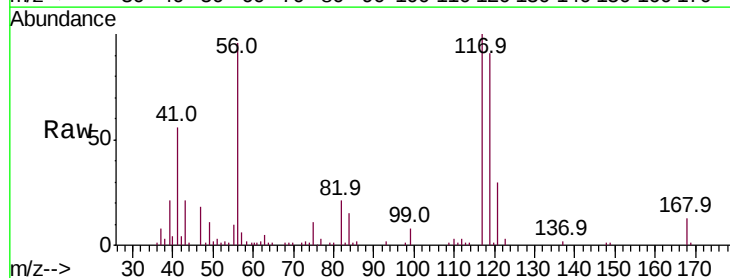
Tgt Ion: 117 Resp: 198643

Ion Ratio Lower Upper

117 100

119 91.4 75.8 113.8

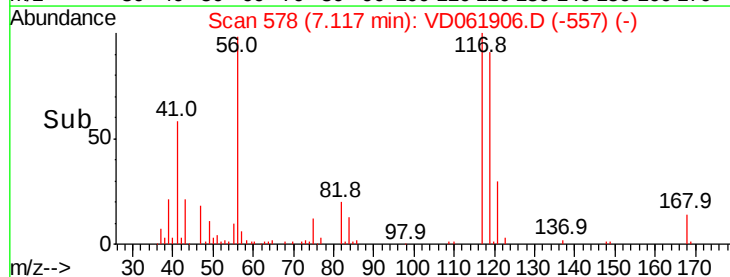
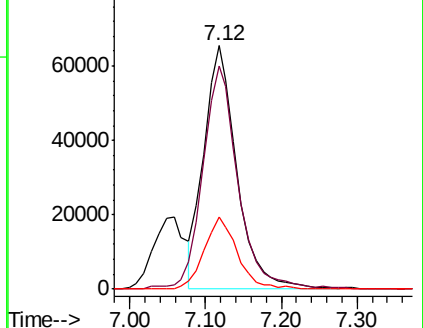
121 29.6 25.9 38.9

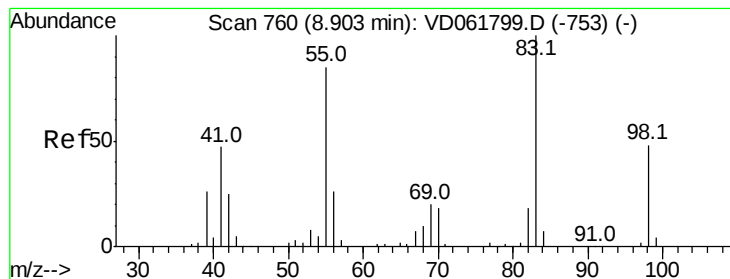


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V





#39

Methvlcvclohexane

Concen: 20.191 ug/l

RT: 8.87 min Scan# 756

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

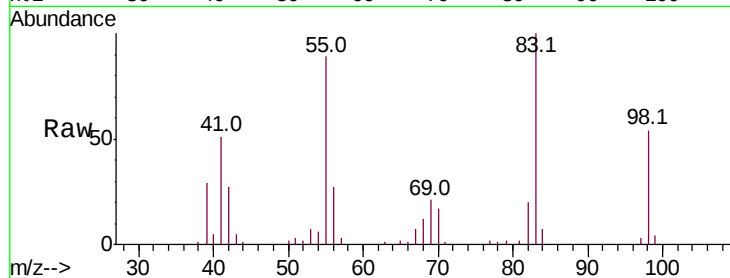
Tot Ion: 83 Resp: 159658

Ion Ratio Lower Upper

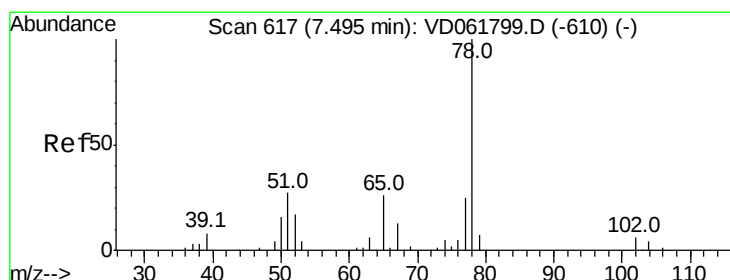
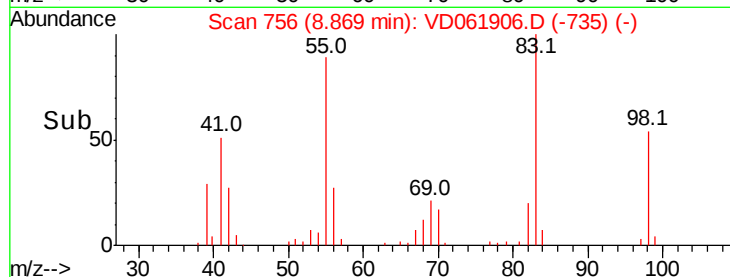
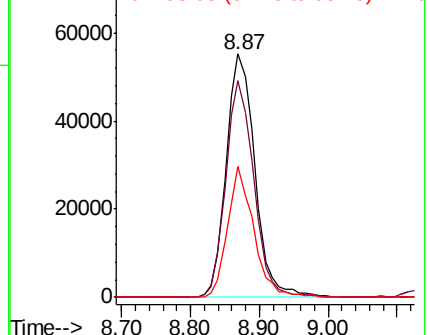
83 100

55 89.0 68.2 102.4

98 53.7 38.2 57.4



Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC



#40

Benzene

Concen: 21.389 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061906.D

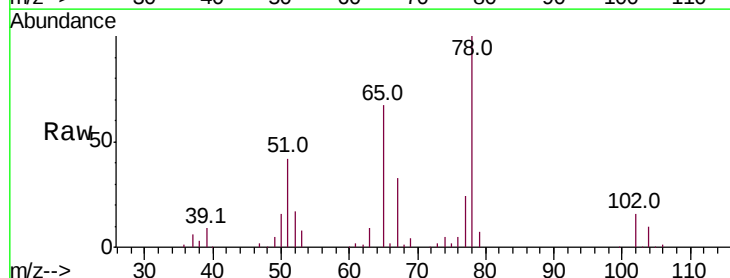
Acq: 19 Apr 2019 13:19

Tgt Ion: 78 Resp: 391008

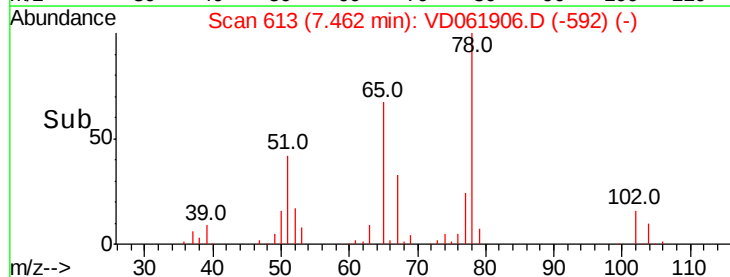
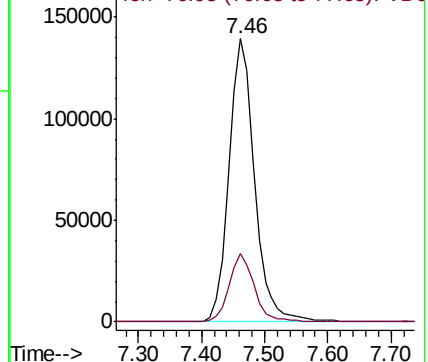
Ion Ratio Lower Upper

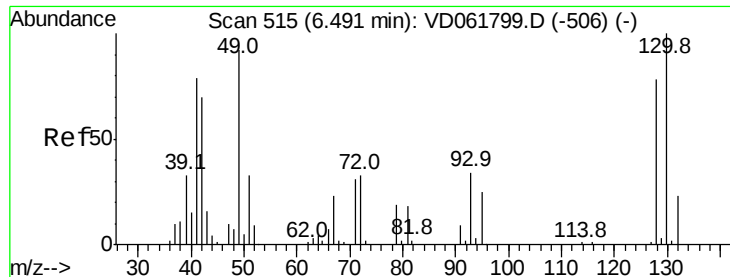
78 100

77 24.1 19.7 29.5



Abundance Ion 77.95 (77.65 to 78.65): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#41

Methacrylonitrile

Concen: 23.103 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

Tot Ion: 41 Resp: 88994

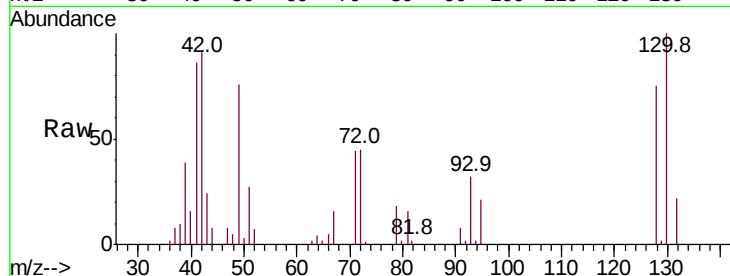
Ion Ratio Lower Upper

41 100

39 44.7 34.1 51.1

67 19.0 23.8 35.6#

52 8.5 8.8 13.2#

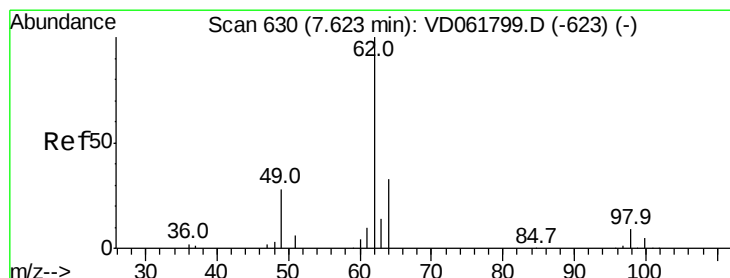
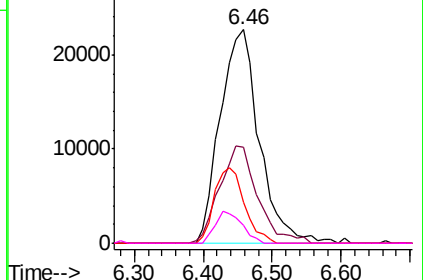
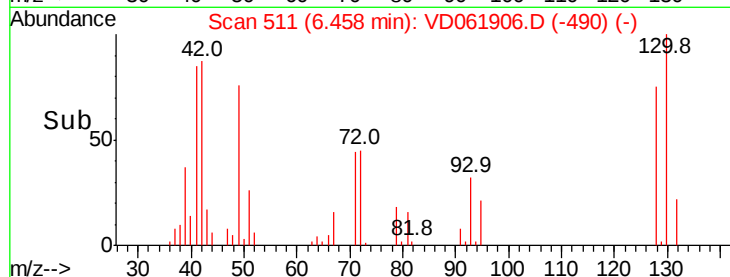


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.143 ug/l

RT: 7.58 min Scan# 625

Delta R.T. 0.01 min

Lab File: VD061906.D

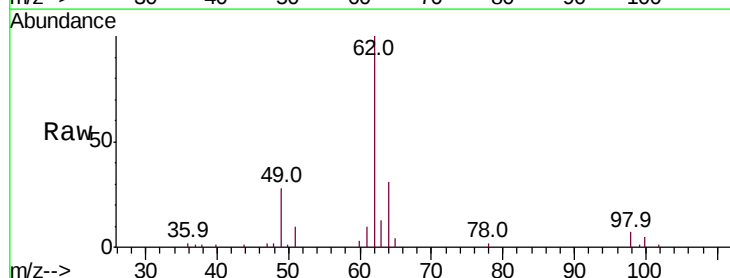
Acq: 19 Apr 2019 13:19

Tgt Ion: 62 Resp: 134614

Ion Ratio Lower Upper

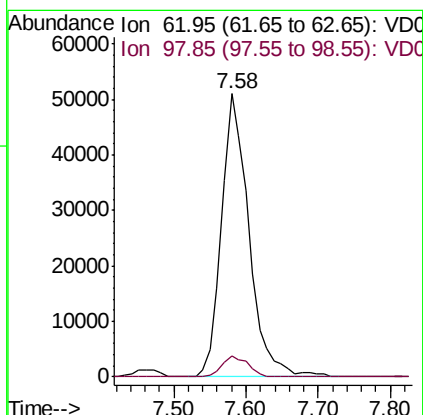
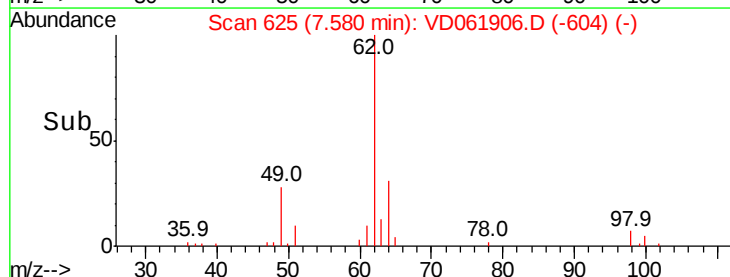
62 100

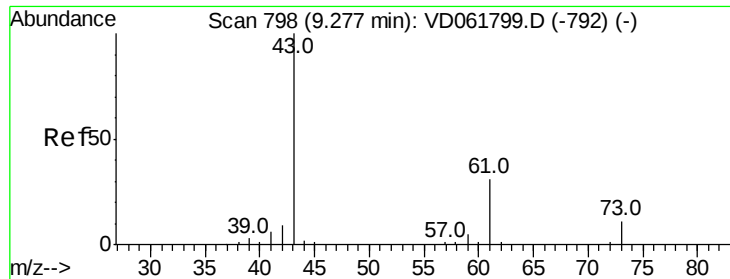
98 7.2 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



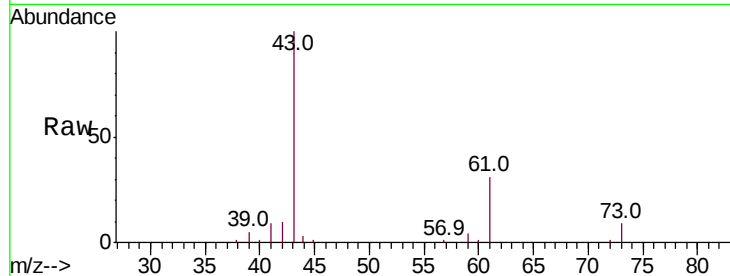


#43

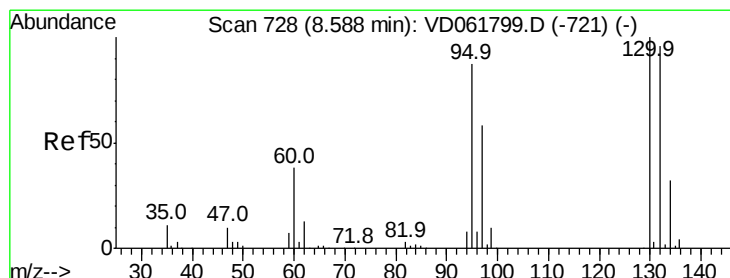
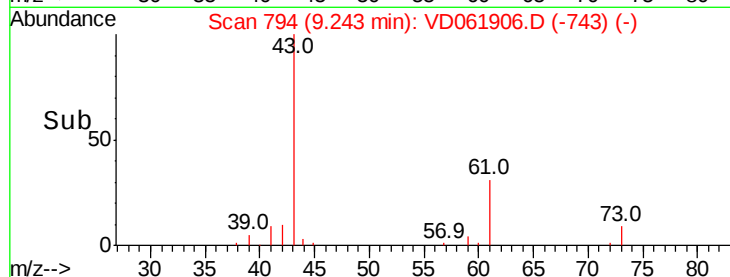
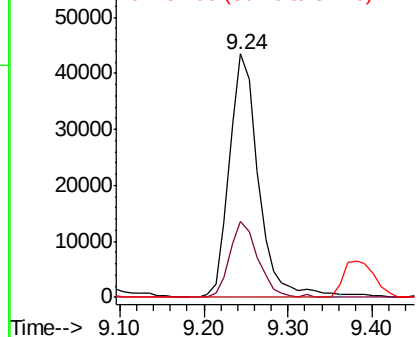
Isopropyl Acetate  
 Concen: 22.811 ug/l  
 RT: 9.24 min Scan# 794  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

Tot Ion: 43 Resp: 104615  
 Ion Ratio Lower Upper  
 43 100  
 61 31.3 25.1 37.7  
 87 0.0 0.0 0.0



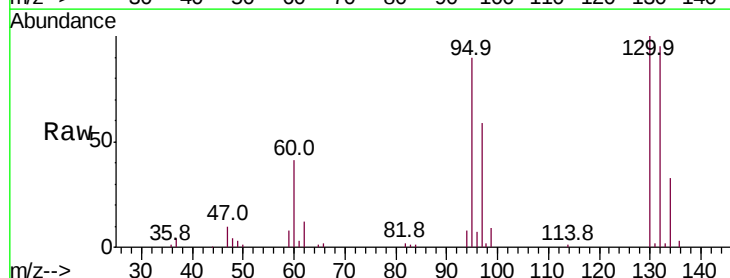
Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 87.00 (86.70 to 87.70): VDC



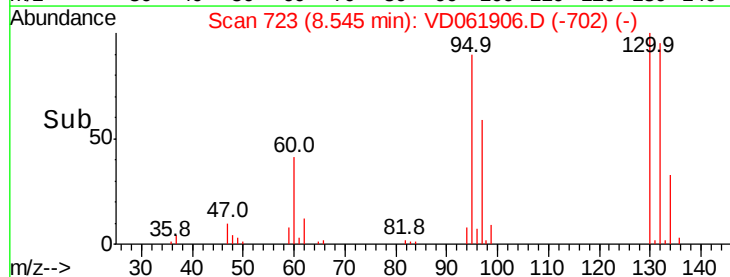
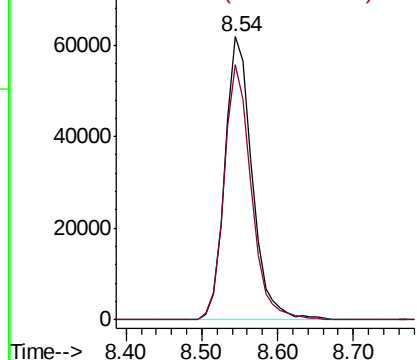
#44

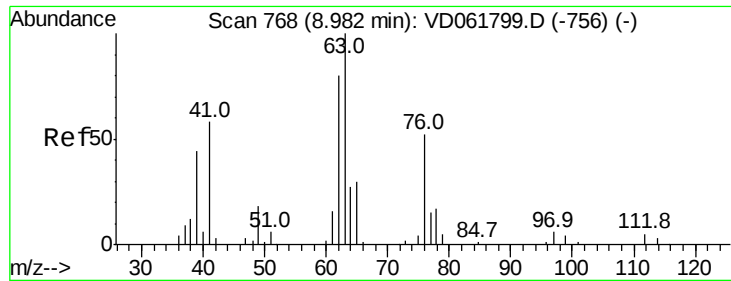
Trichloroethene  
 Concen: 21.889 ug/l  
 RT: 8.54 min Scan# 723  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 130 Resp: 154046  
 Ion Ratio Lower Upper  
 130 100  
 95 90.2 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): VDC  
 Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.600 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

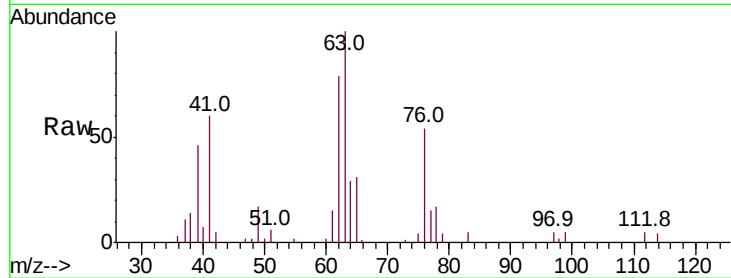
VD0419SBS01

Tot Ion: 63 Resp: 98093

Ion Ratio Lower Upper

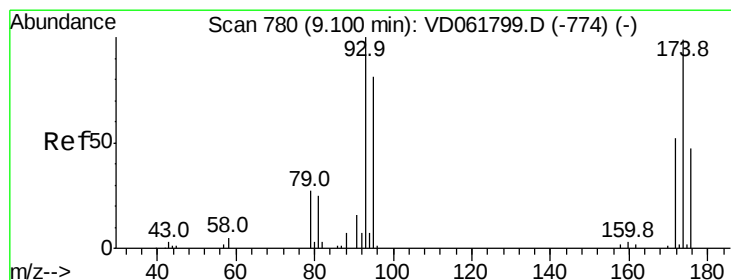
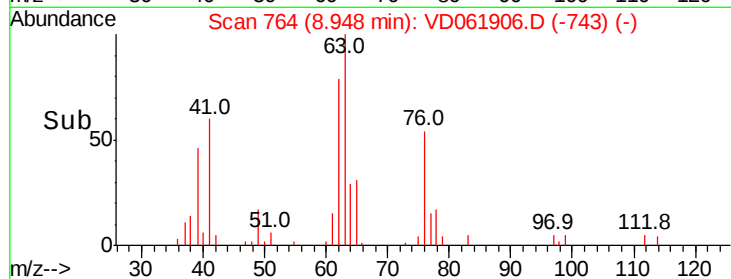
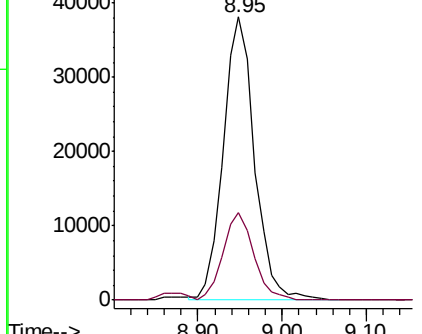
63 100

65 30.7 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.915 ug/l

RT: 9.08 min Scan# 777

Delta R.T. 0.02 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

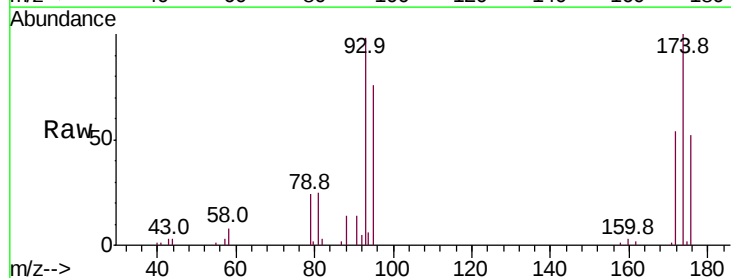
Tgt Ion: 93 Resp: 74356

Ion Ratio Lower Upper

93 100

95 77.8 64.8 97.2

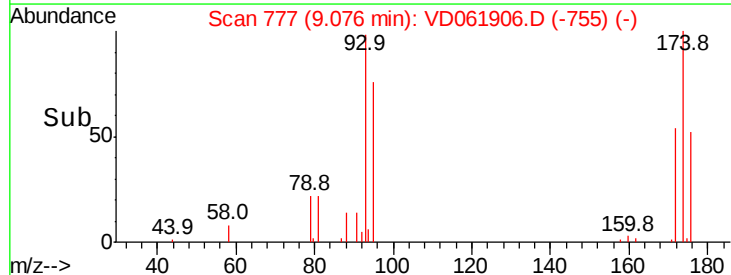
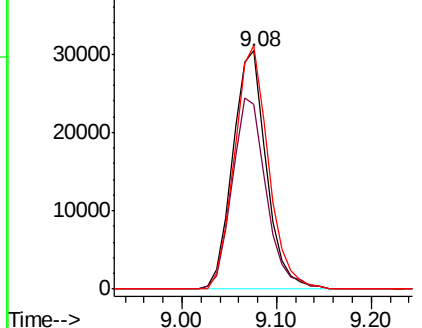
174 102.3 79.3 118.9

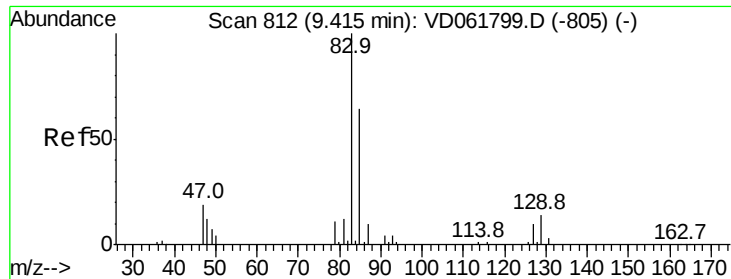


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.427 ug/l

RT: 9.38 min Scan# 808

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

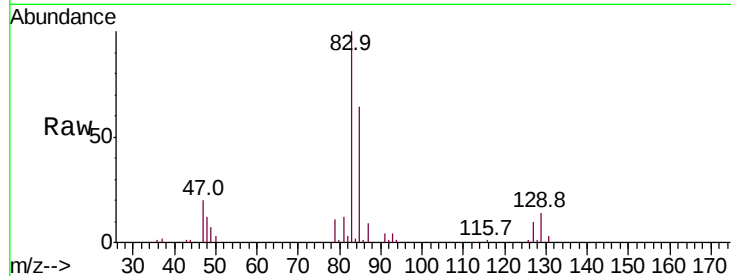
Tot Ion: 83 Resp: 167723

Ion Ratio Lower Upper

83 100

85 63.9 50.9 76.3

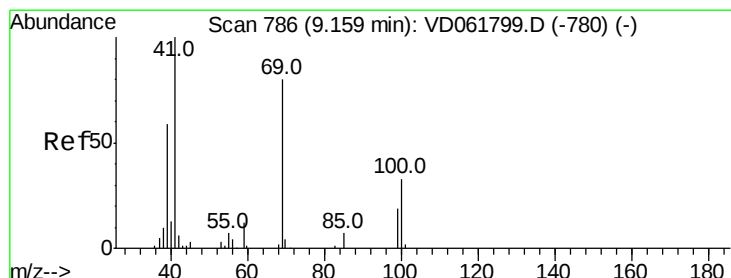
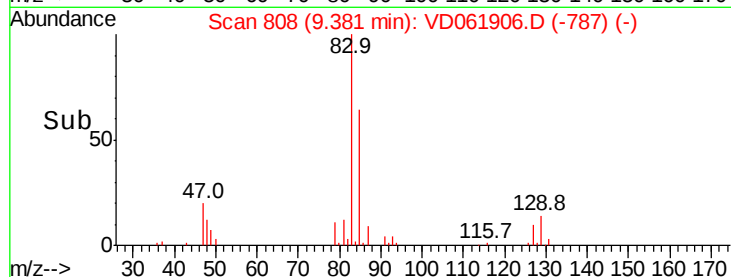
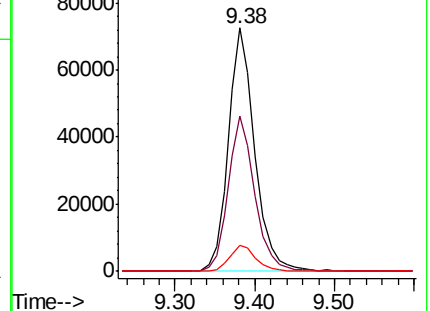
127 10.5 8.1 12.1



Abundance Ion 82.85 (82.55 to 83.55): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 20.481 ug/l

RT: 9.13 min Scan# 782

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

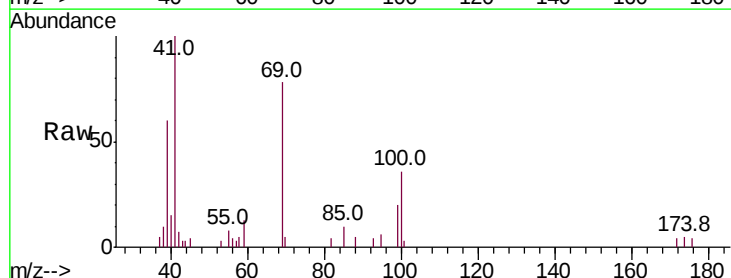
Tgt Ion: 41 Resp: 55214

Ion Ratio Lower Upper

41 100

69 77.7 64.2 96.2

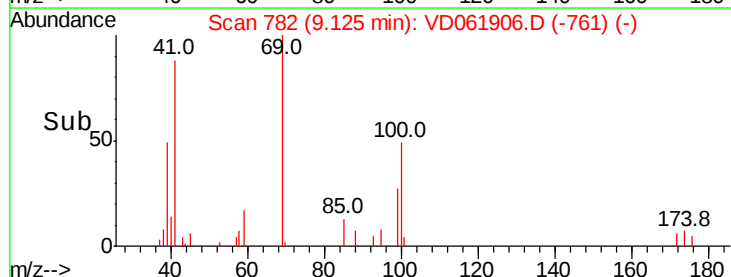
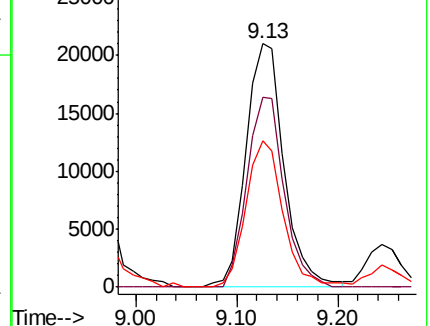
39 60.3 46.8 70.2

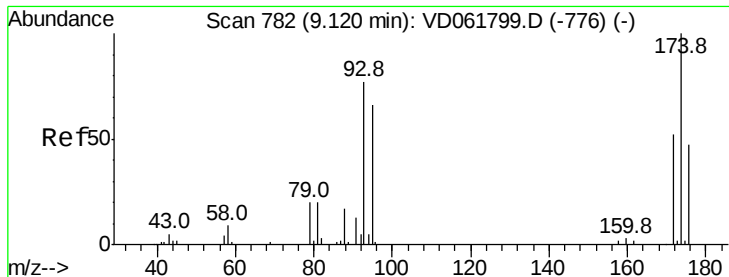


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

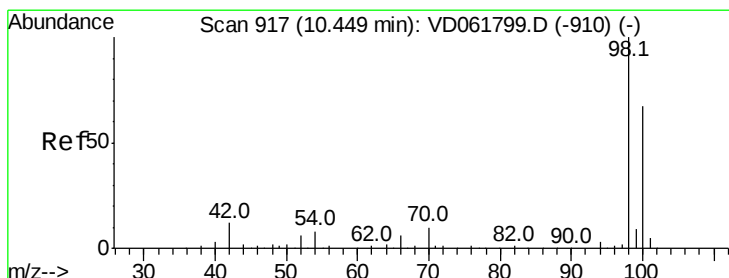
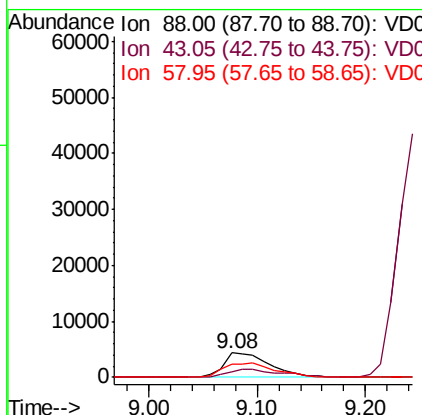
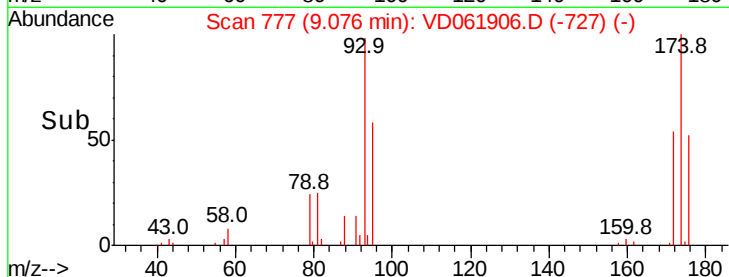
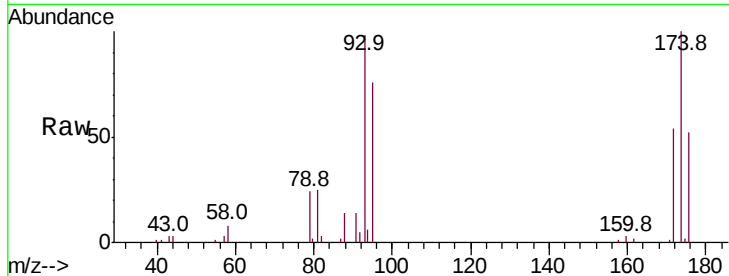




#49  
 1,4-Dioxane  
 Concen: 434.605 ug/l  
 RT: 9.08 min Scan# 777  
 Delta R.T. -0.00 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

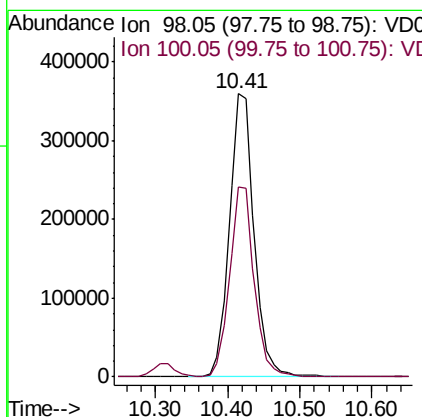
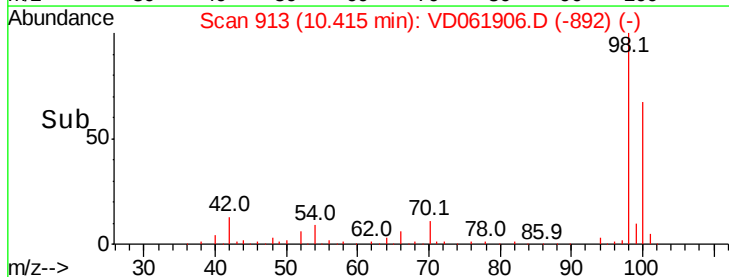
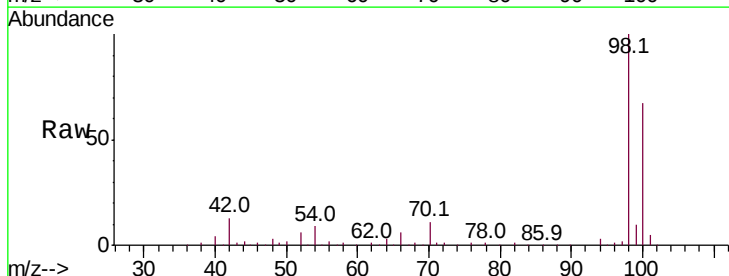
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

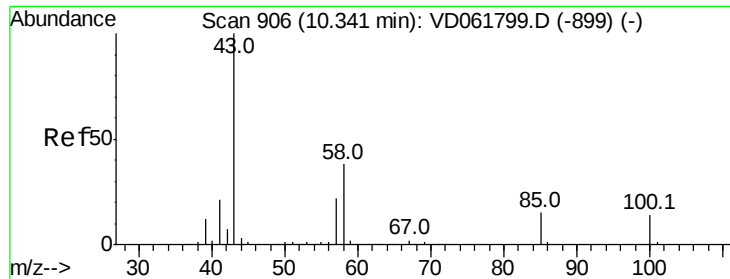
Tot Ion: 88 Resp: 12806  
 Ion Ratio Lower Upper  
 88 100  
 43 22.6 23.4 35.0#  
 58 55.7 44.0 66.0



#50  
 Toluene-d8  
 Concen: 51.242 ug/l  
 RT: 10.41 min Scan# 913  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 98 Resp: 854779  
 Ion Ratio Lower Upper  
 98 100  
 100 67.1 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 107.961 ug/l

RT: 10.31 min Scan# 902

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

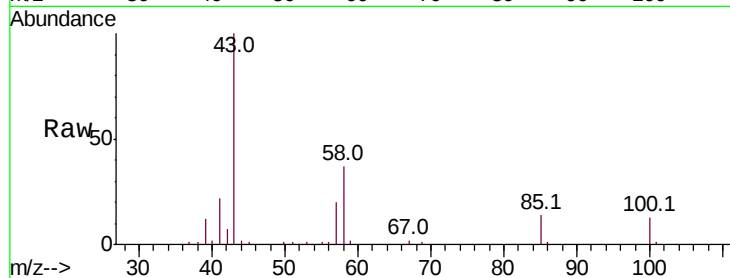
VD0419SBS01

Tot Ion: 43 Resp: 302792

Ion Ratio Lower Upper

43 100

58 37.4 30.4 45.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

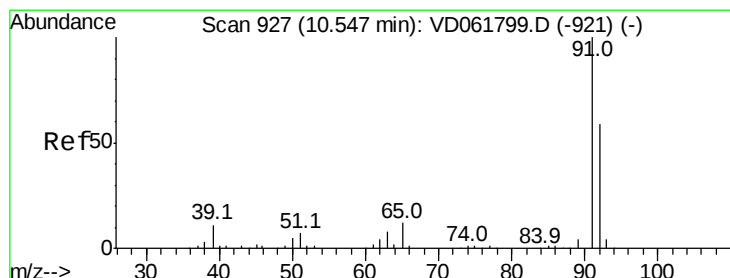
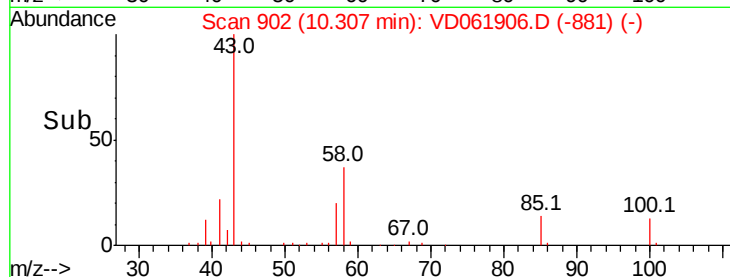
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 22.796 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061906.D

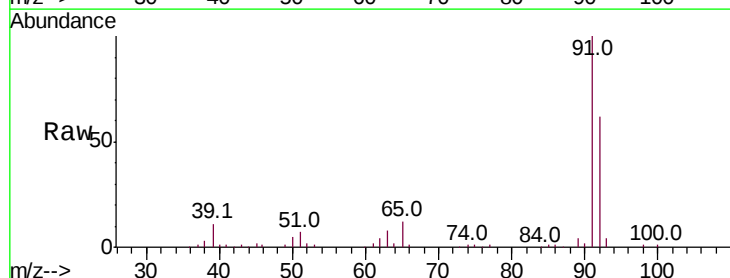
Acq: 19 Apr 2019 13:19

Tgt Ion: 92 Resp: 267058

Ion Ratio Lower Upper

92 100

91 160.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.51

200000

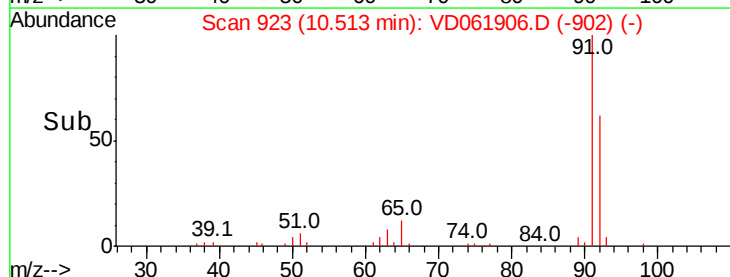
150000

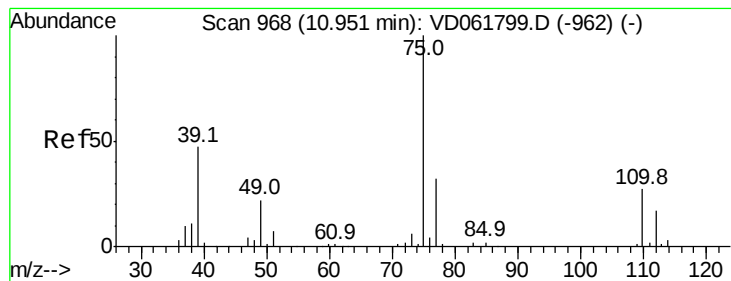
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.684 ug/l

RT: 10.92 min Scan# 964

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

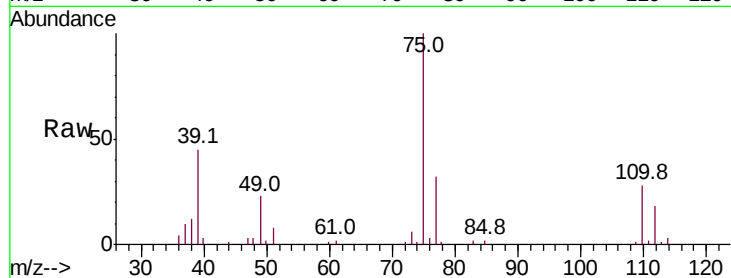
VD0419SBS01

Tot Ion: 75 Resp: 145887

Ion Ratio Lower Upper

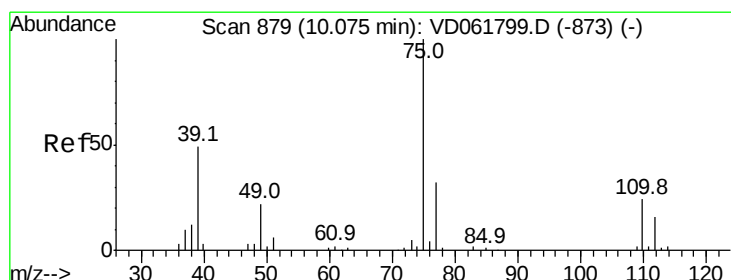
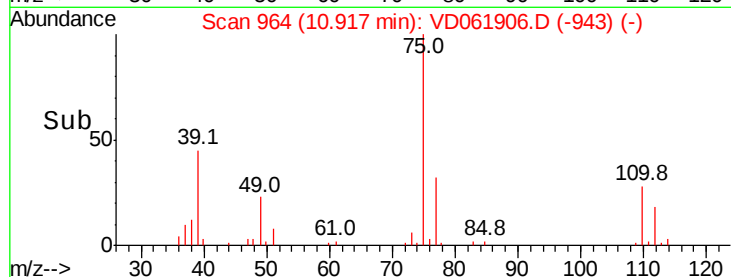
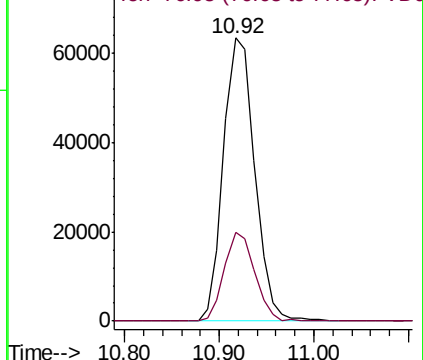
75 100

77 31.6 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.656 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.02 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

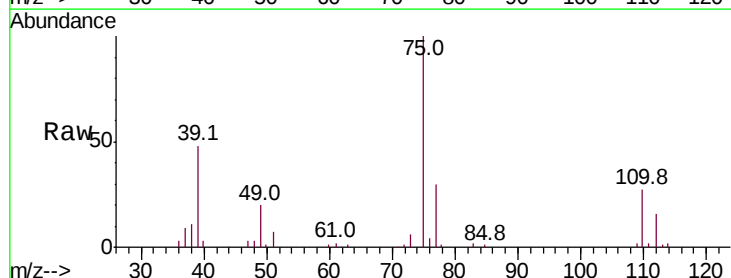
Tgt Ion: 75 Resp: 179300

Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3

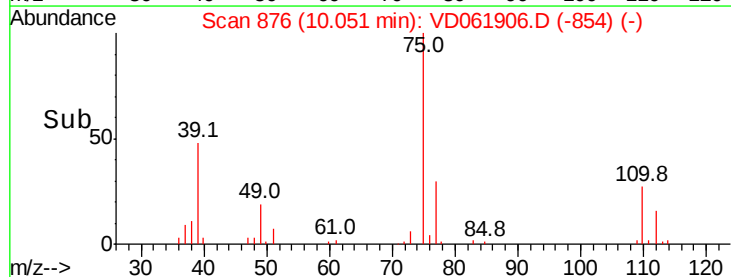
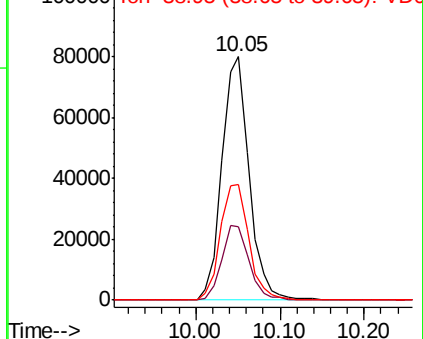
39 47.5 39.4 59.2

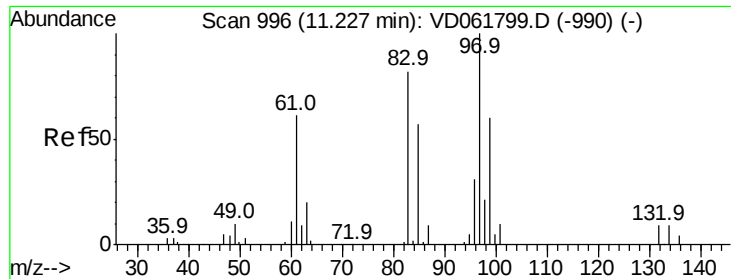


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

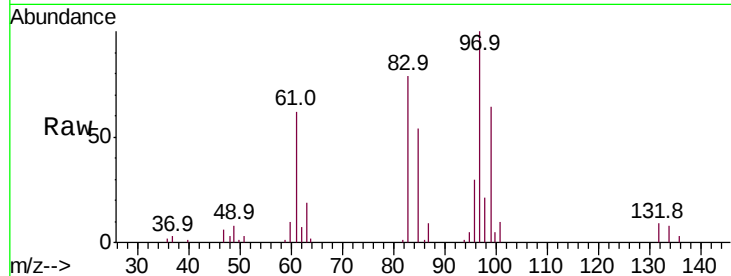




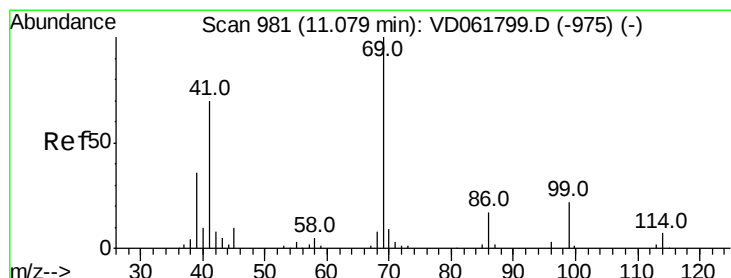
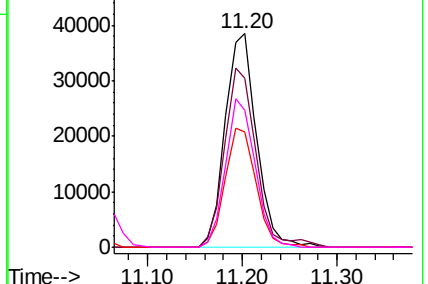
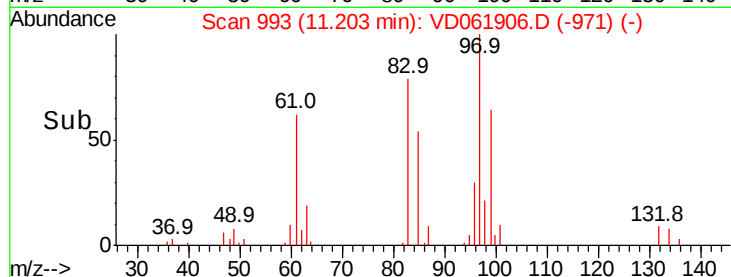
#55  
 1,1,2-Trichloroethane  
 Concen: 22.469 ug/l  
 RT: 11.20 min Scan# 993  
 Delta R.T. 0.02 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 88698 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 79.1  | 65.7  | 98.5  |
| 85       | 53.9  | 45.6  | 68.4  |
| 99       | 64.0  | 48.4  | 72.6  |

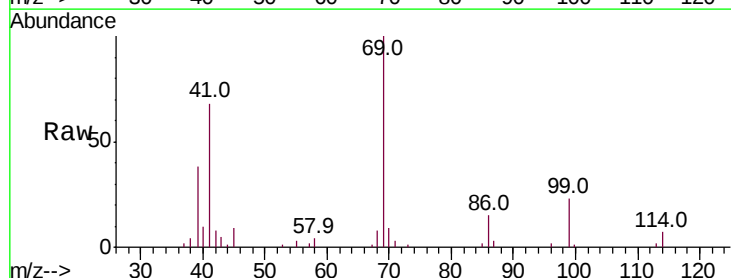


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

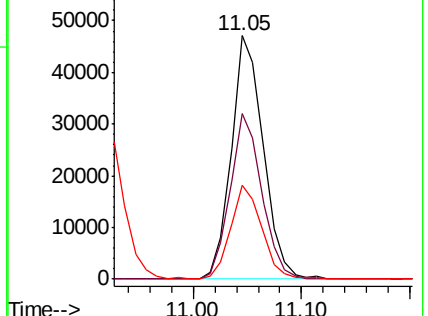
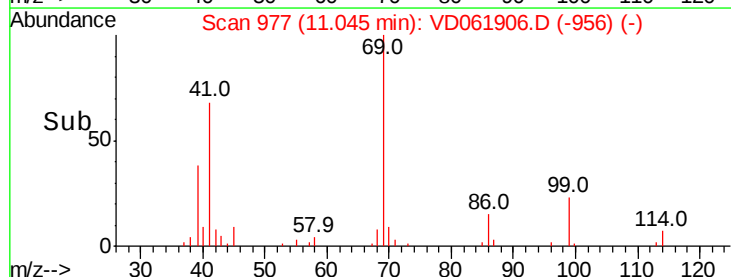


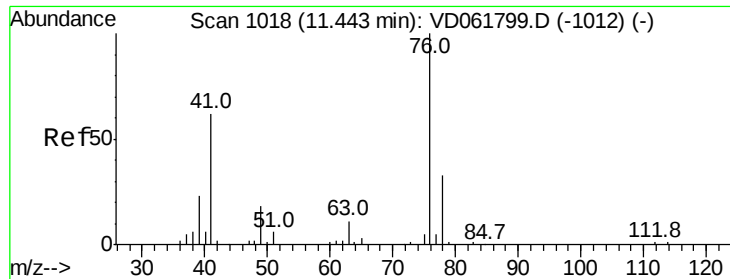
#56  
 Ethyl methacrylate  
 Concen: 22.258 ug/l  
 RT: 11.05 min Scan# 977  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 96437 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 67.8  | 56.3  | 84.5  |
| 39       | 38.5  | 29.4  | 44.2  |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 22.635 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.01 min

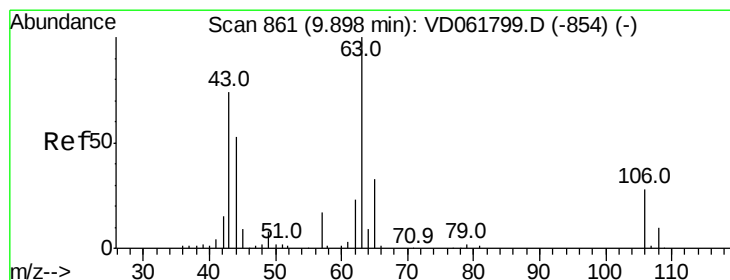
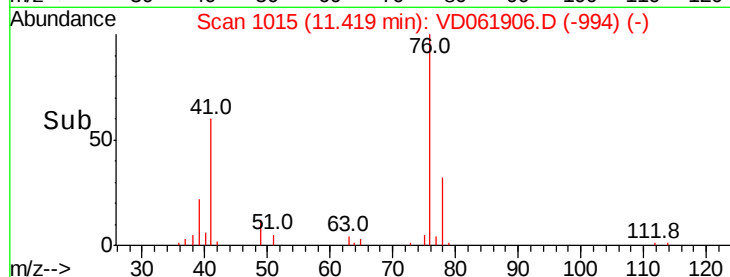
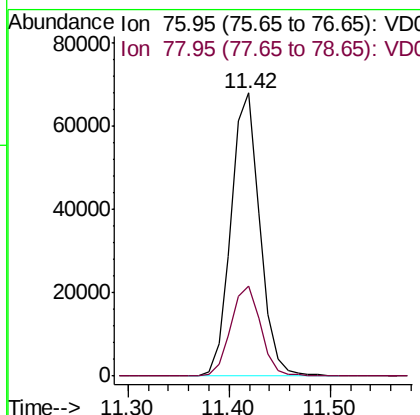
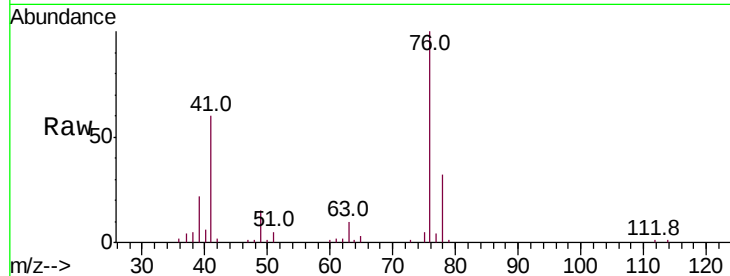
Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion: 76 Resp: 134334

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 76  | 100   |       |       |
| 78  | 31.9  | 26.2  | 39.2  |



#58

2-Chloroethyl Vinyl ether

Concen: 119.076 ug/l

RT: 9.86 min Scan# 857

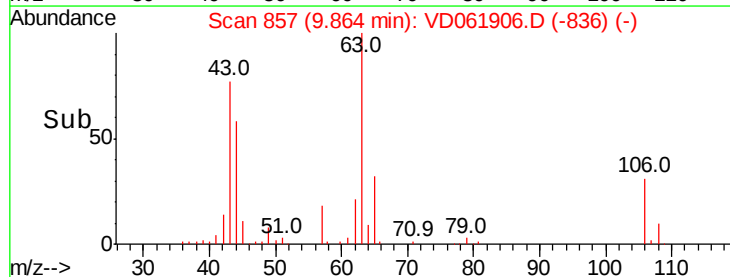
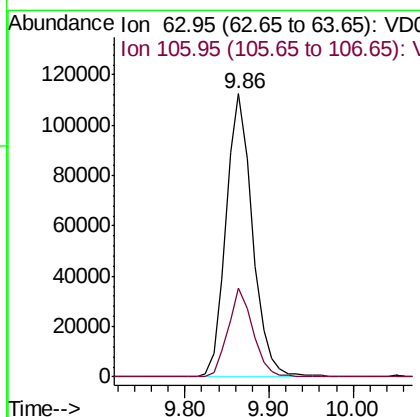
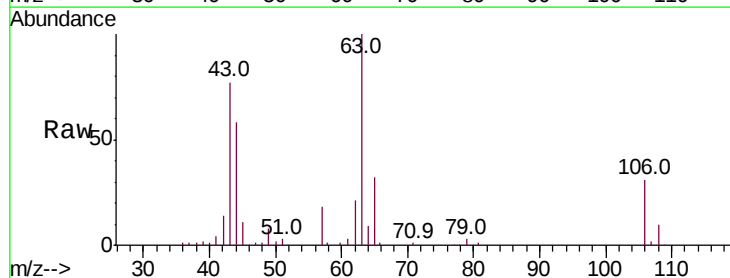
Delta R.T. 0.01 min

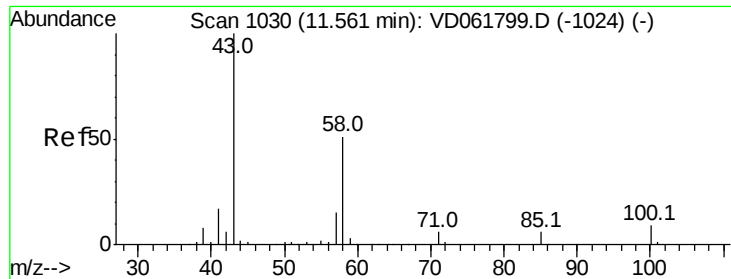
Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Tgt Ion: 63 Resp: 245389

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 106 | 31.5  | 22.6  | 34.0  |





#59

2-Hexanone

Concen: 109.552 ug/l

RT: 11.54 min Scan# 1027

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

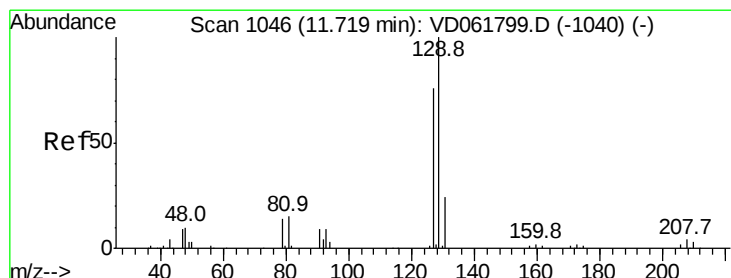
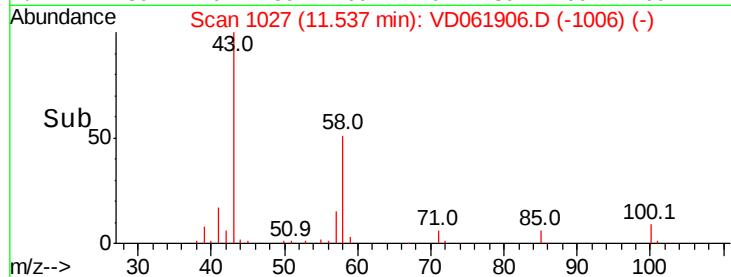
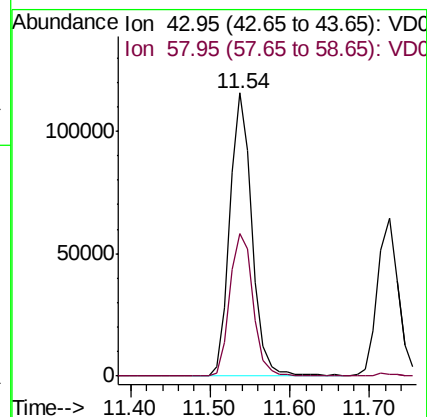
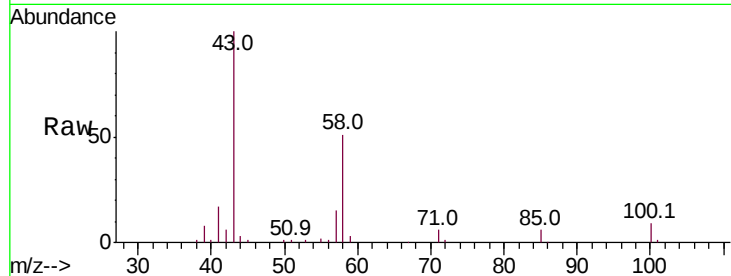
VD0419SBS01

Tot Ion: 43 Resp: 228205

Ion Ratio Lower Upper

43 100

58 50.6 25.4 76.4



#60

Dibromochloromethane

Concen: 22.238 ug/l

RT: 11.69 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VD061906.D

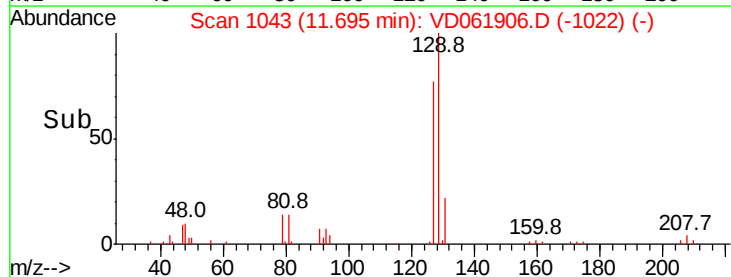
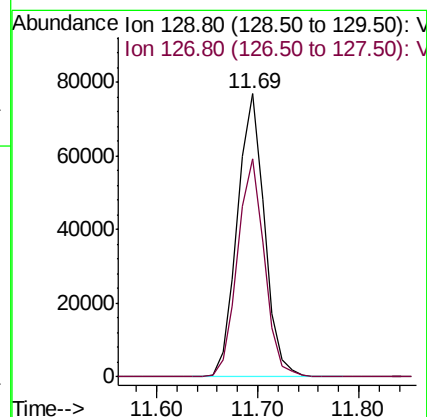
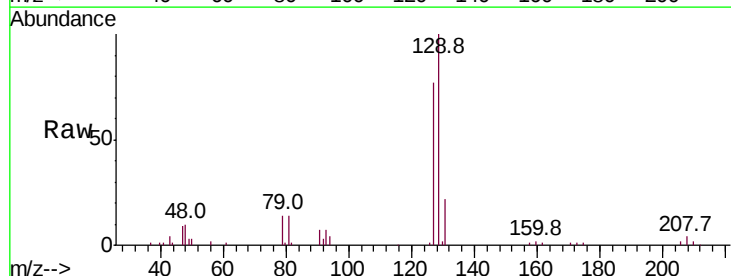
Acq: 19 Apr 2019 13:19

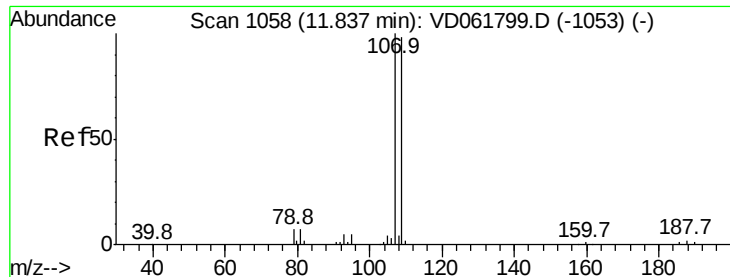
Tgt Ion: 129 Resp: 143638

Ion Ratio Lower Upper

129 100

127 77.0 38.0 113.9

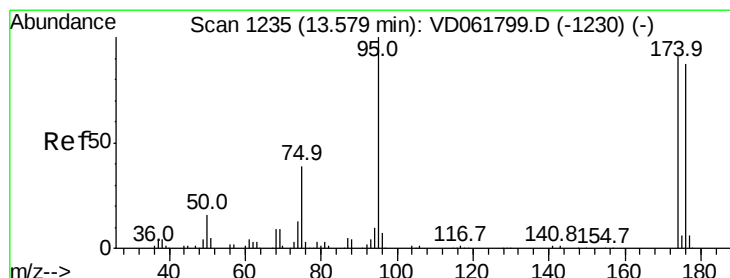
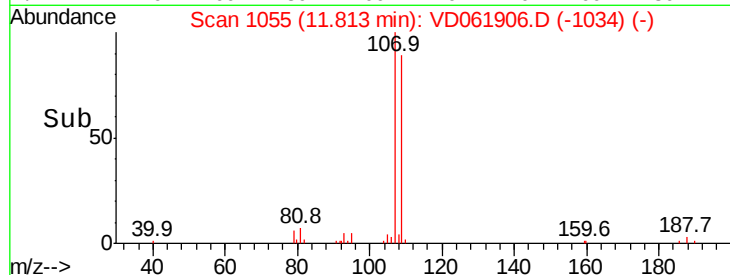
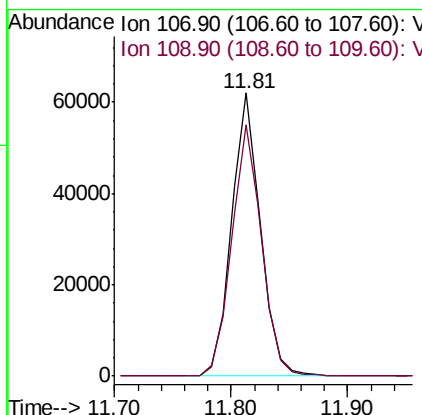
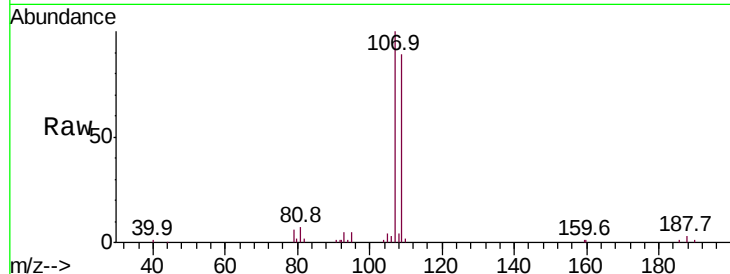




#61  
 1,2-Dibromoethane  
 Concen: 21.803 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

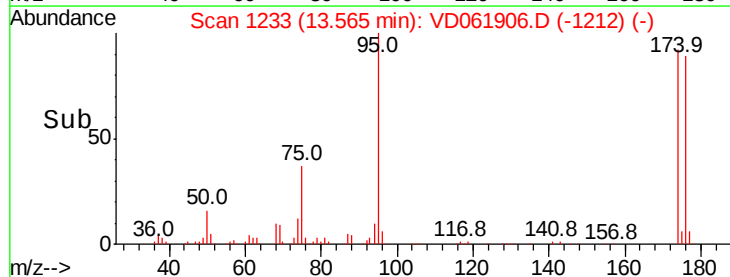
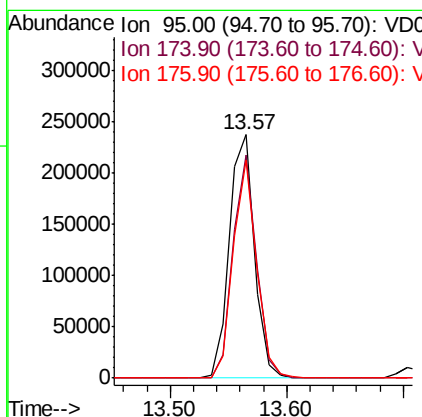
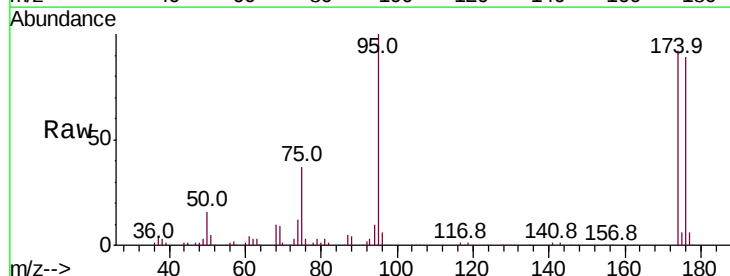
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

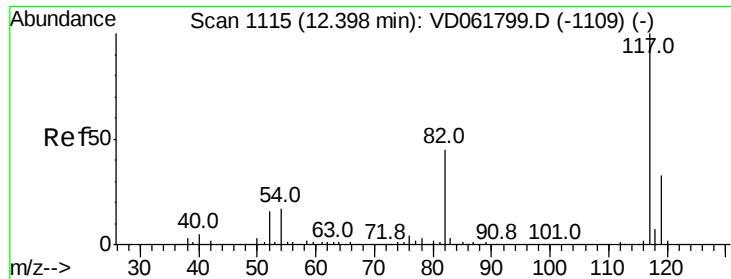
Tot Ion:107 Resp: 105829  
 Ion Ratio Lower Upper  
 107 100  
 109 89.0 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 52.385 ug/l  
 RT: 13.57 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 95 Resp: 354179  
 Ion Ratio Lower Upper  
 95 100  
 174 91.5 0.0 181.8  
 176 89.4 0.0 174.4

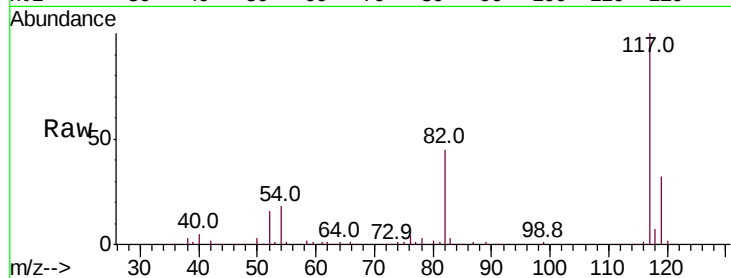




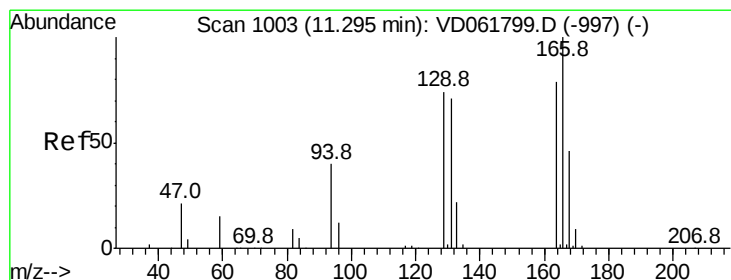
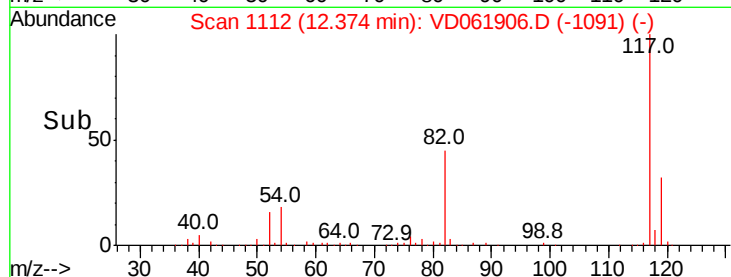
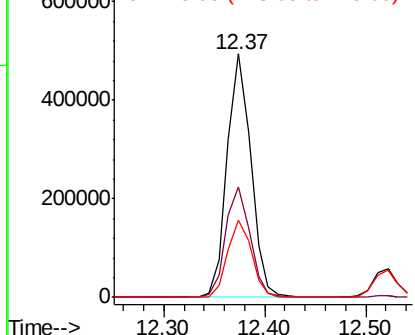
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion:117 Resp: 812694  
Ion Ratio Lower Upper  
117 100  
82 45.4 36.2 54.2  
119 31.6 26.2 39.4

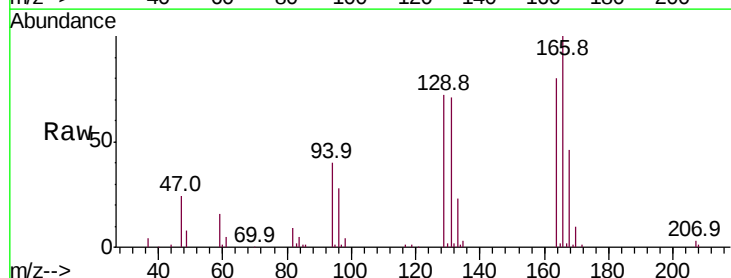


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

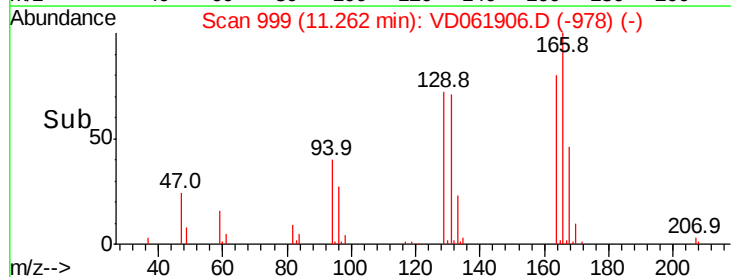
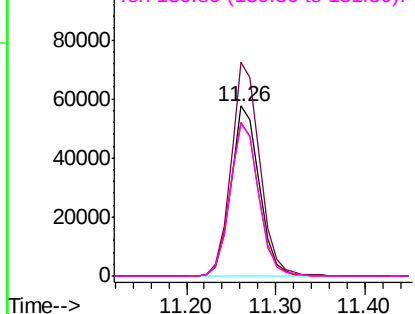


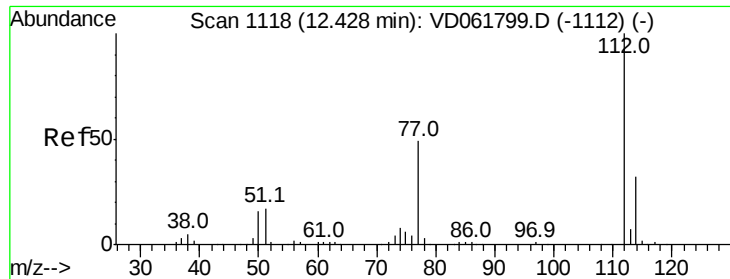
#64  
Tetrachloroethene  
Concen: 21.024 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion:164 Resp: 128137  
Ion Ratio Lower Upper  
164 100  
166 125.5 101.5 152.3  
129 90.6 74.6 112.0  
131 89.7 72.6 108.8



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.85 (165.55 to 166.55): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

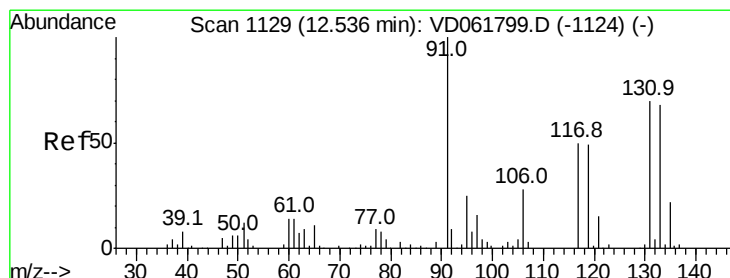
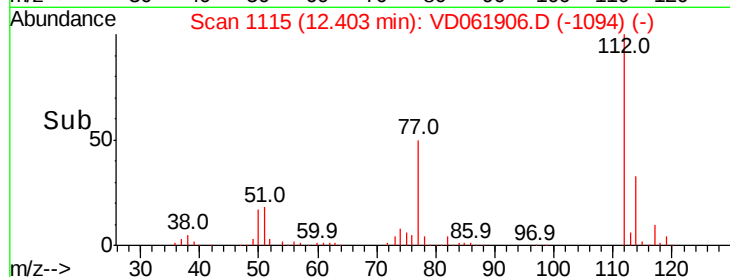
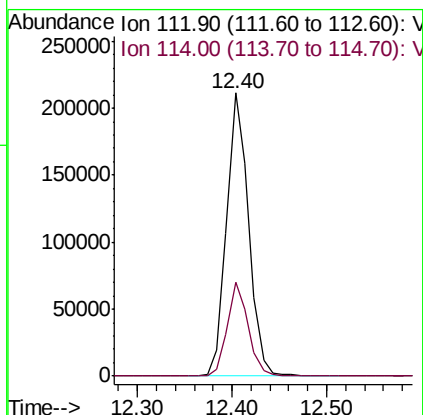
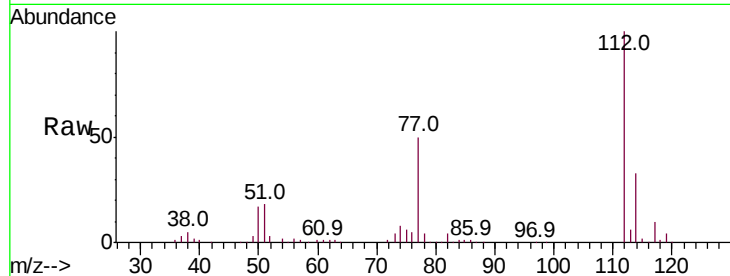




#65  
Chlorobenzene  
Concen: 22.425 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

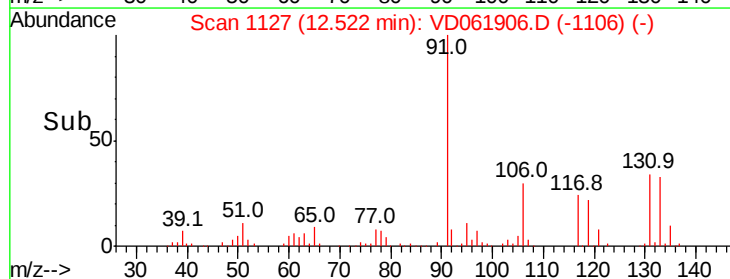
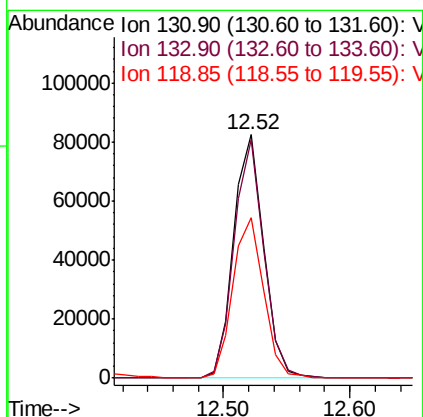
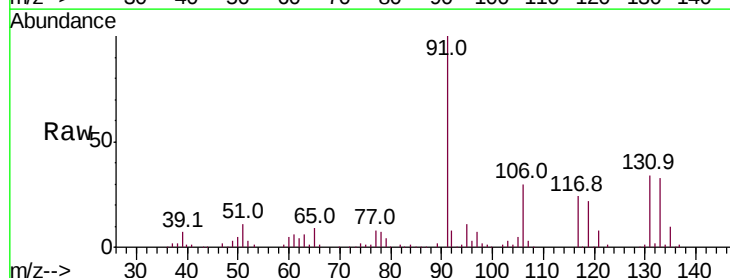
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

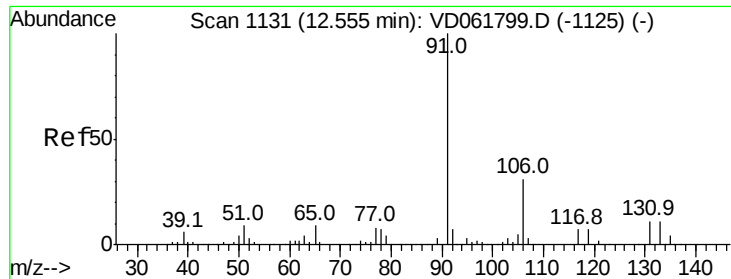
Tot Ion:112 Resp: 339407  
Ion Ratio Lower Upper  
112 100  
114 33.1 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.426 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion:131 Resp: 135896  
Ion Ratio Lower Upper  
131 100  
133 98.0 48.6 145.8  
119 66.0 34.7 104.1

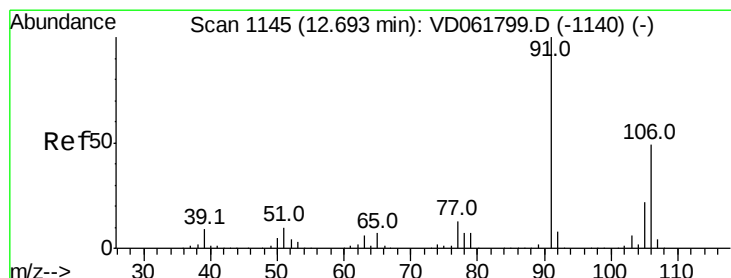
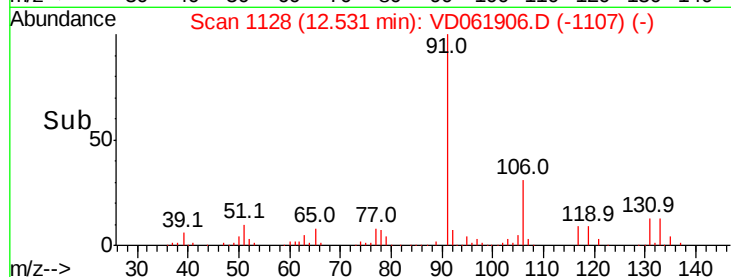
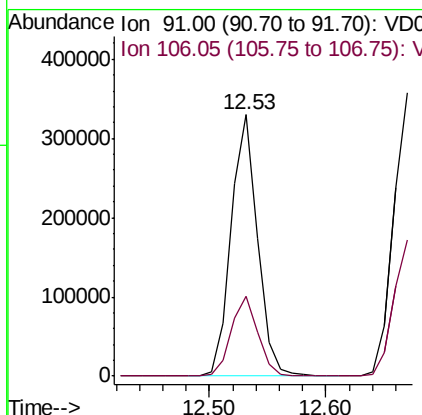
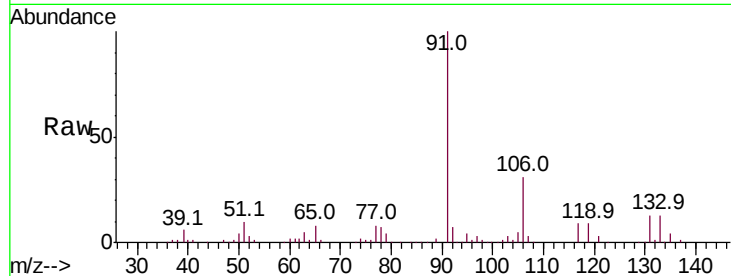




#67  
Ethyl Benzene  
Concen: 21.394 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

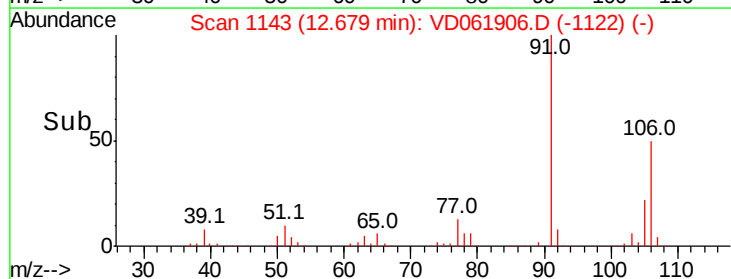
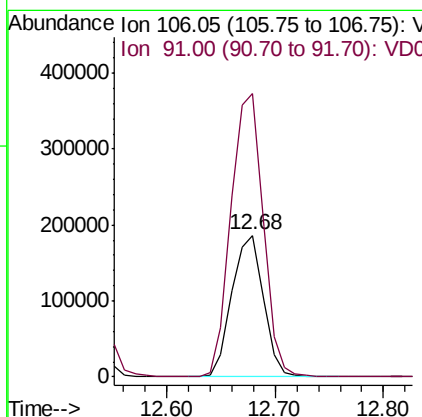
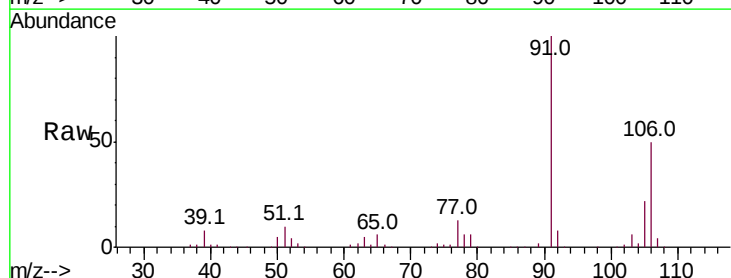
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

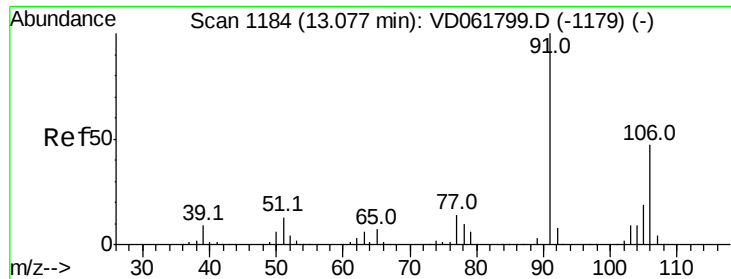
Tot Ion: 91 Resp: 518537  
Ion Ratio Lower Upper  
91 100  
106 30.6 24.7 37.1



#68  
m/p-Xylenes  
Concen: 41.747 ug/l  
RT: 12.68 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion: 106 Resp: 380088  
Ion Ratio Lower Upper  
106 100  
91 200.3 164.0 246.0

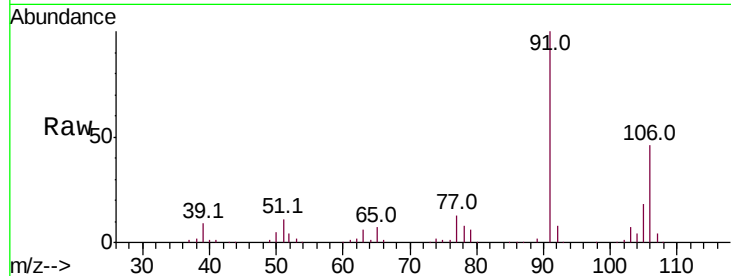




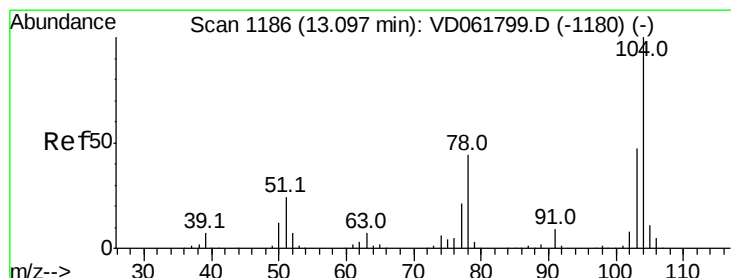
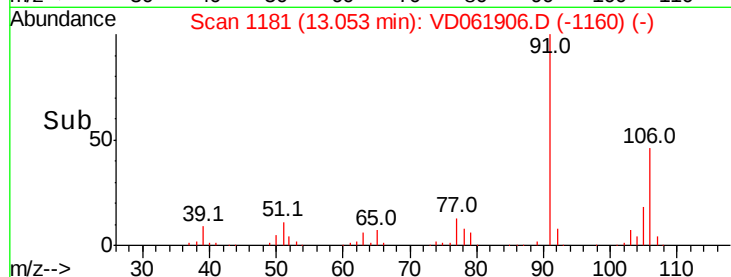
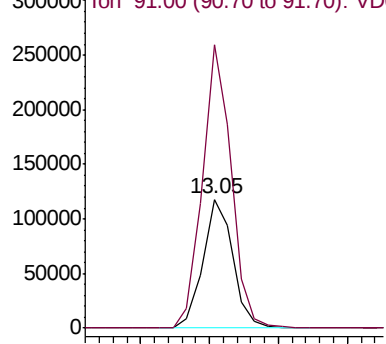
#69  
o-Xylene  
Concen: 20.852 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion:106 Resp: 178445  
Ion Ratio Lower Upper  
106 100  
91 219.7 106.7 319.9

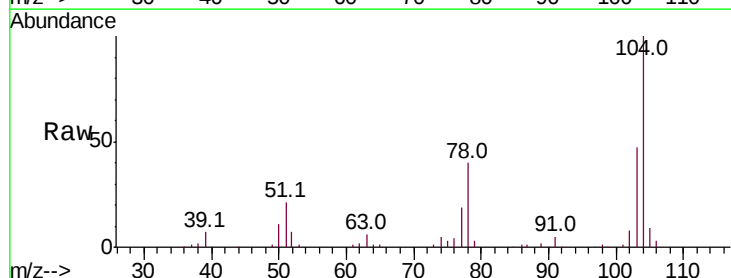


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

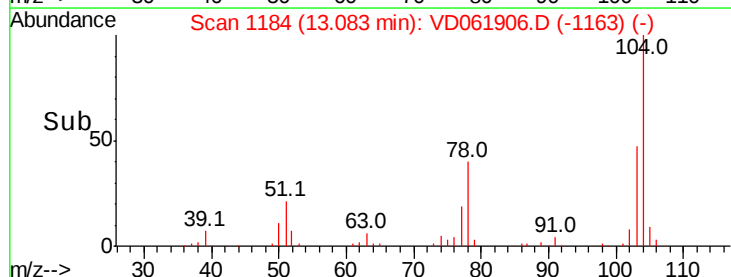
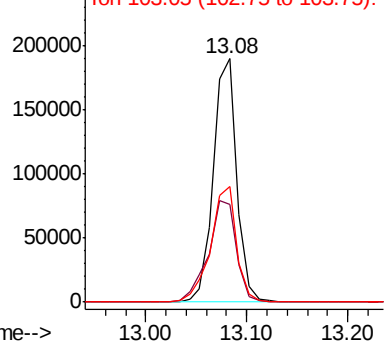


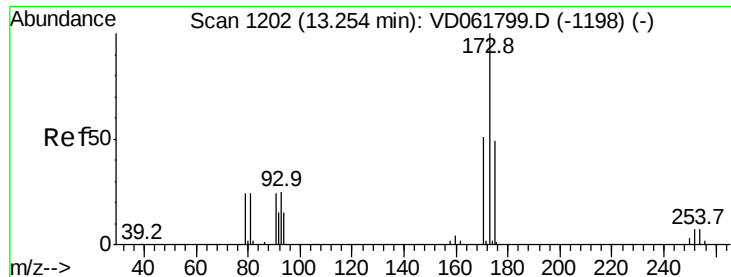
#70  
Styrene  
Concen: 20.931 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion:104 Resp: 308229  
Ion Ratio Lower Upper  
104 100  
78 40.0 35.4 53.2  
103 47.5 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V  
Ion 77.95 (77.65 to 78.65): V  
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 21.295 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

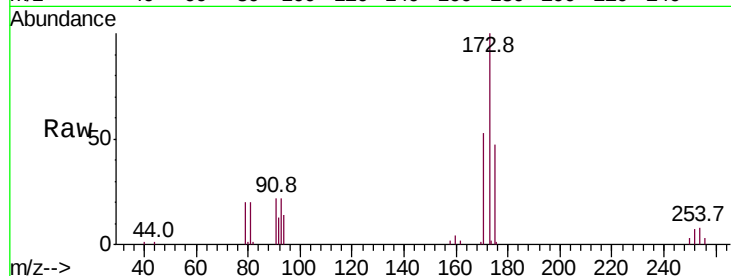
Tot Ion:173 Resp: 80172

Ion Ratio Lower Upper

173 100

175 47.1 24.4 73.4

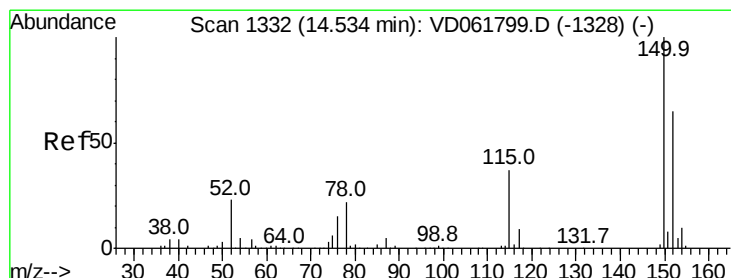
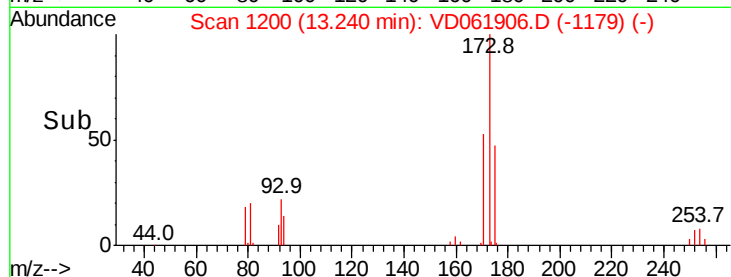
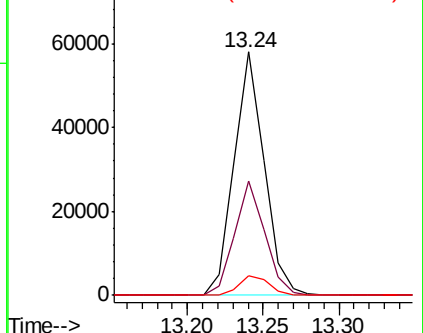
254 8.1 5.4 8.2



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

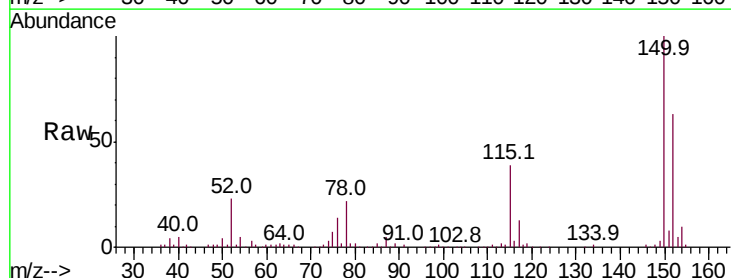
Tgt Ion:152 Resp: 363434

Ion Ratio Lower Upper

152 100

115 61.8 30.9 92.7

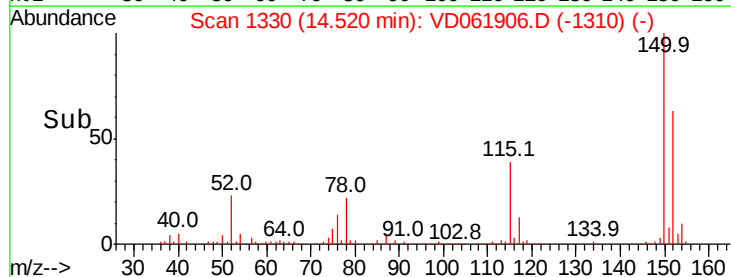
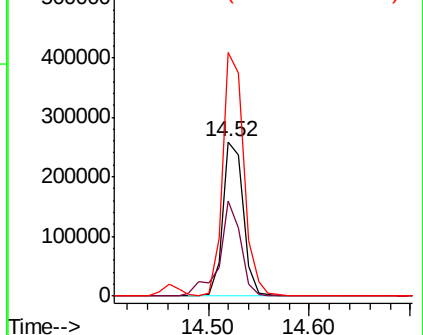
150 157.8 0.0 314.8

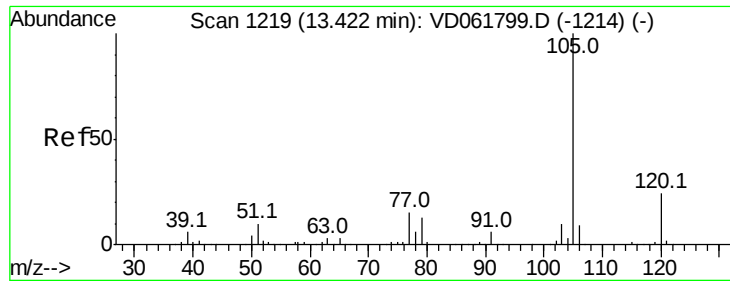


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.349 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

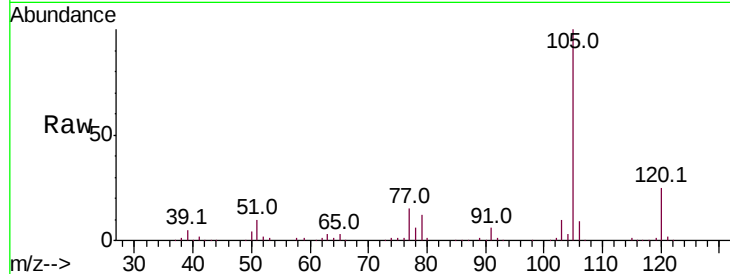
VD0419SBS01

Tot Ion:105 Resp: 526761

Ion Ratio Lower Upper

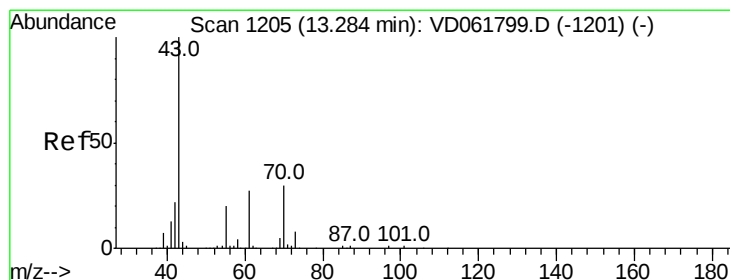
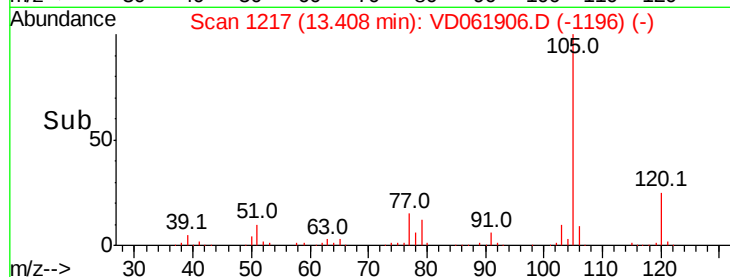
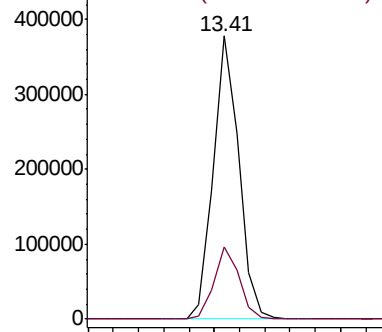
105 100

120 25.3 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 20.706 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Tgt Ion: 43 Resp: 131236

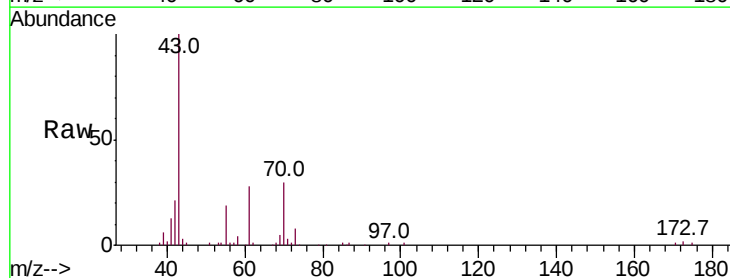
Ion Ratio Lower Upper

43 100

70 30.4 24.2 36.4

55 19.5 16.0 24.0

61 27.9 21.6 32.4

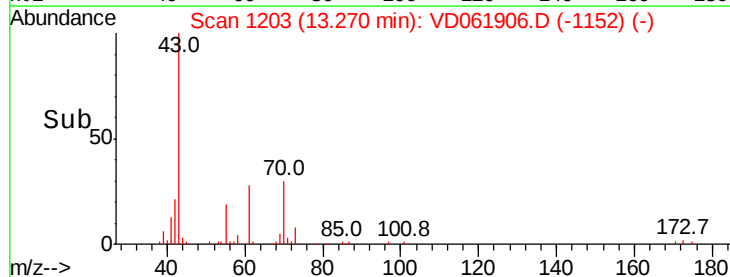
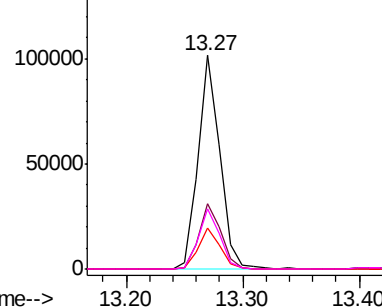


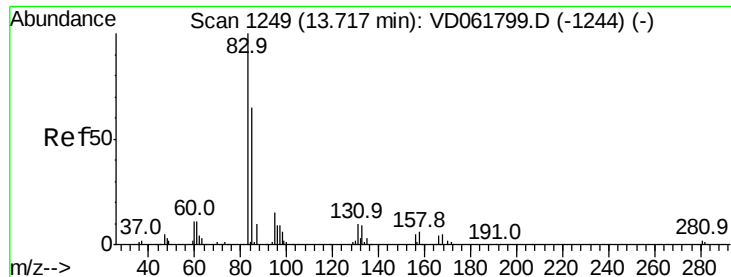
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 20.222 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

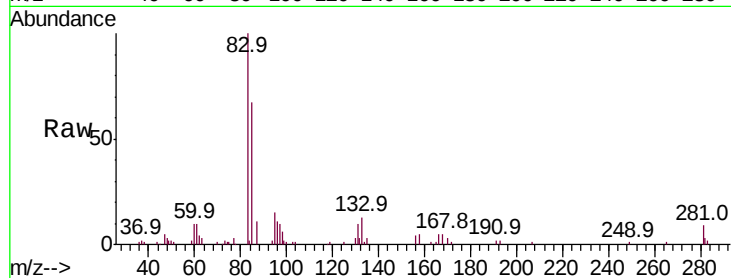
Tot Ion: 83 Resp: 94216

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

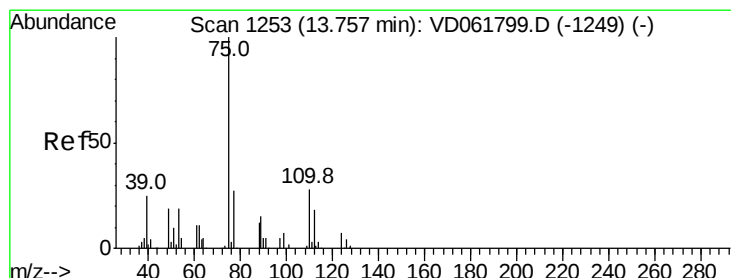
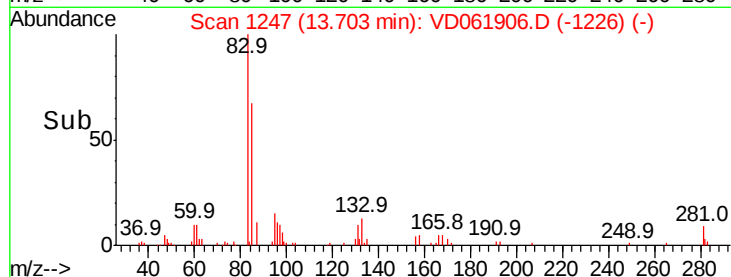
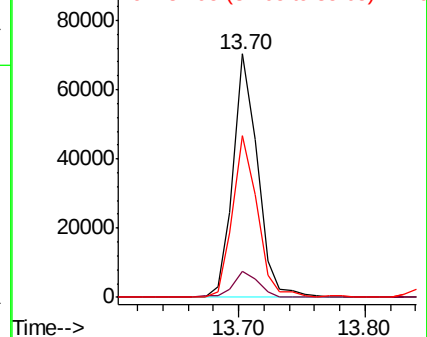
85 66.6 32.6 97.7



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.577 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD061906.D

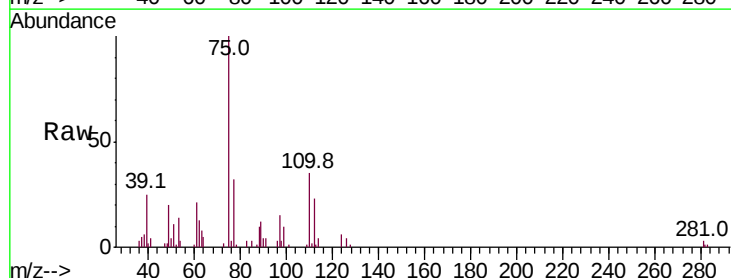
Acq: 19 Apr 2019 13:19

Tgt Ion: 75 Resp: 102983

Ion Ratio Lower Upper

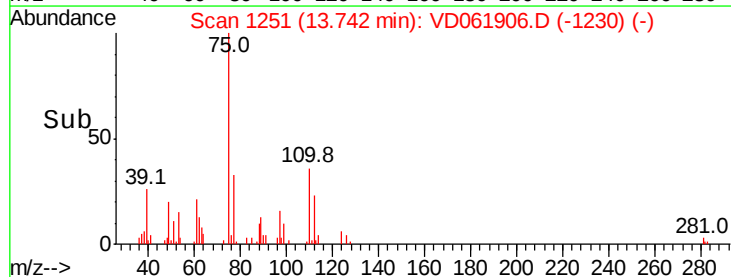
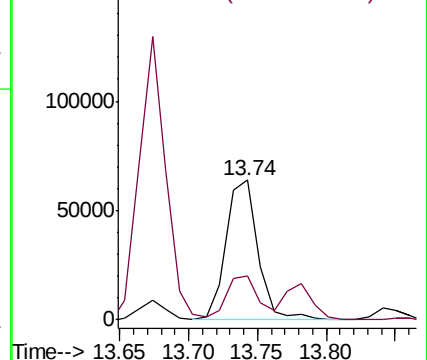
75 100

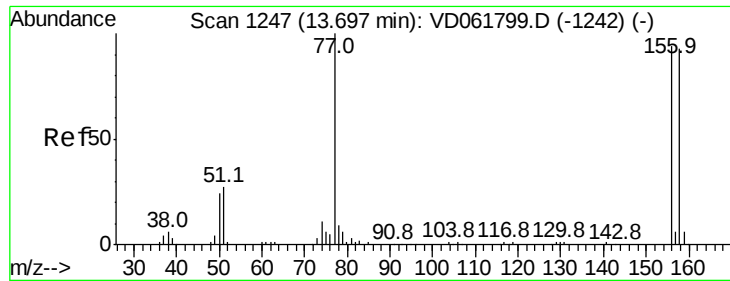
77 31.8 16.4 49.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.027 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

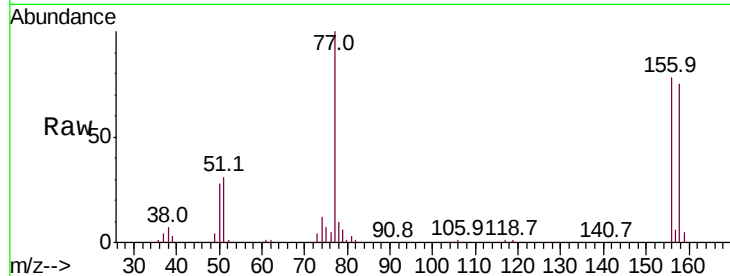
Tot Ion:156 Resp: 140784

Ion Ratio Lower Upper

156 100

77 128.5 53.1 159.4

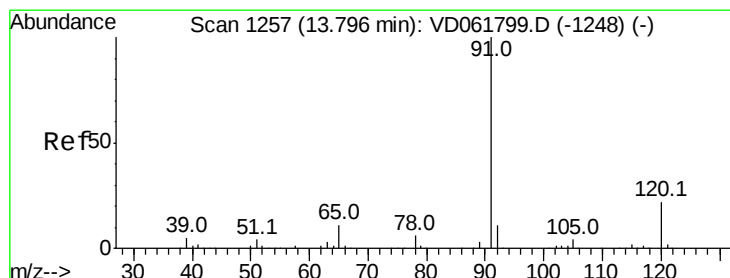
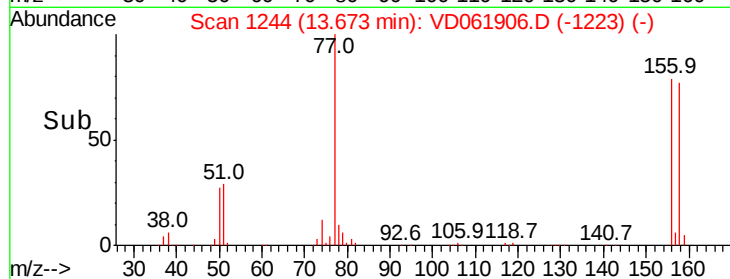
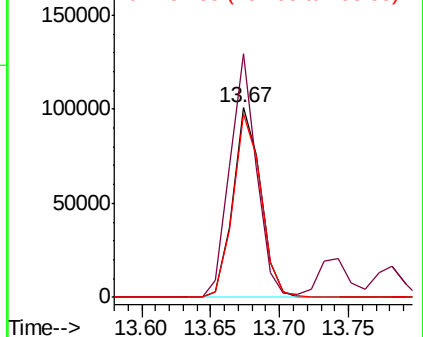
158 97.0 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 22.878 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD061906.D

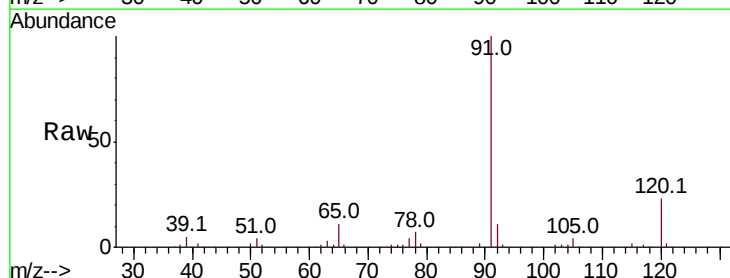
Acq: 19 Apr 2019 13:19

Tgt Ion: 91 Resp: 623008

Ion Ratio Lower Upper

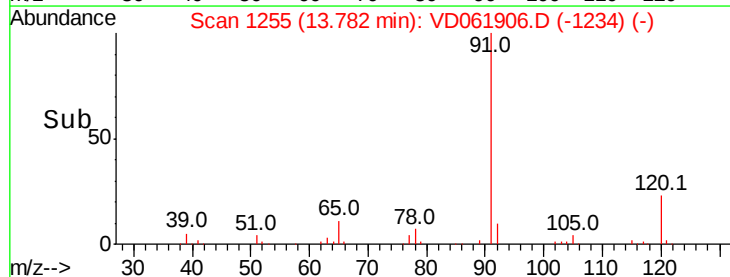
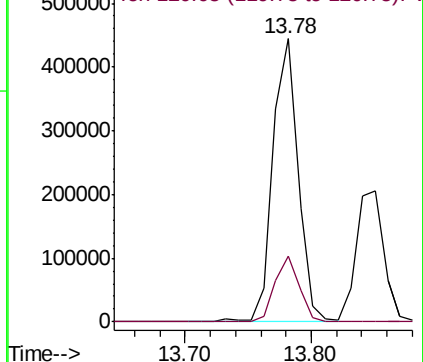
91 100

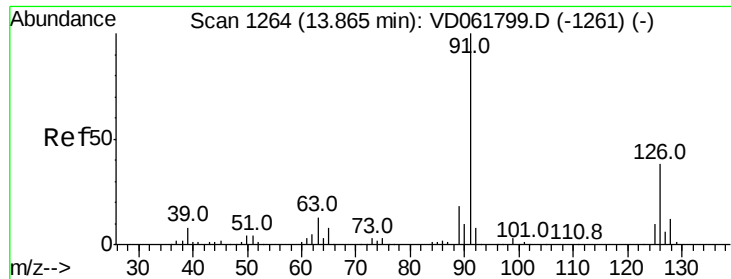
120 23.4 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

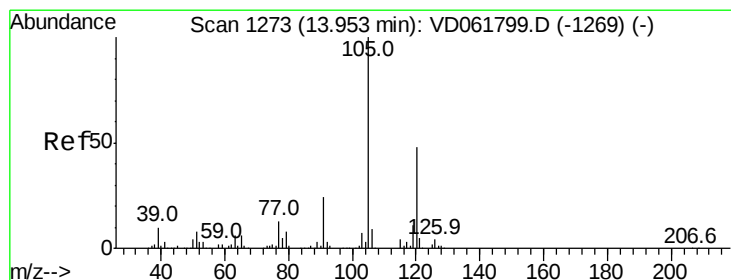
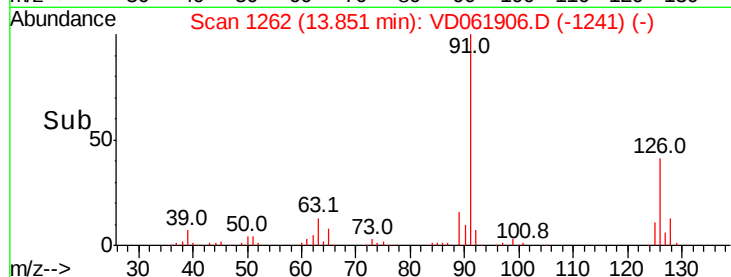
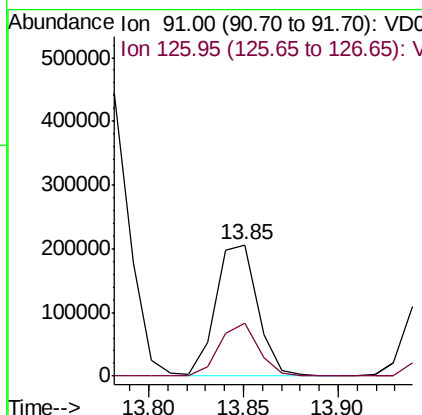
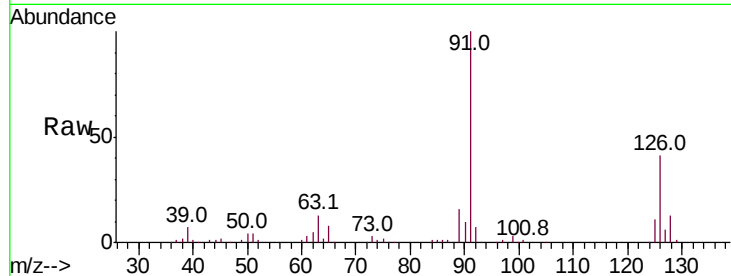




#79  
 2-Chlorotoluene  
 Concen: 19.688 ug/l  
 RT: 13.85 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

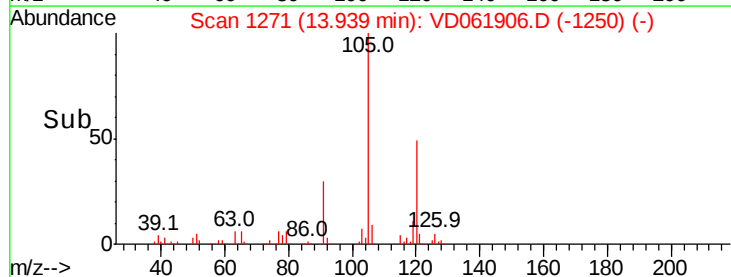
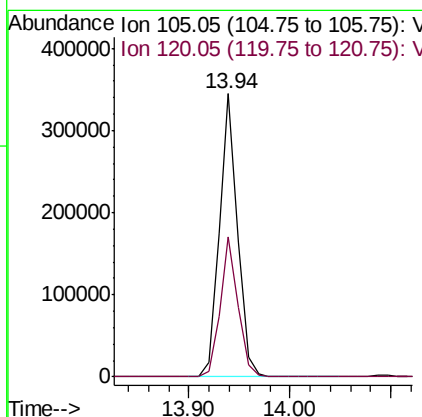
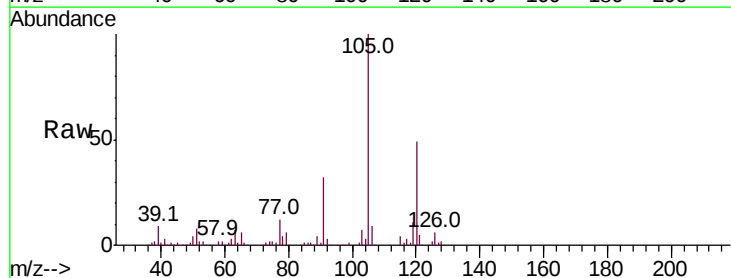
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

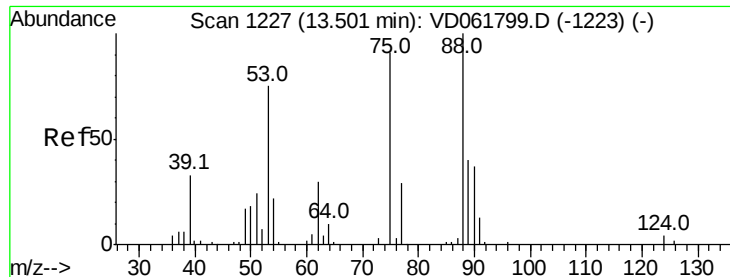
Tot Ion: 91 Resp: 313196  
 Ion Ratio Lower Upper  
 91 100  
 126 40.6 18.6 55.8



#80  
 1,3,5-Trimethylbenzene  
 Concen: 23.125 ug/l  
 RT: 13.94 min Scan# 1271  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion:105 Resp: 432480  
 Ion Ratio Lower Upper  
 105 100  
 120 49.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 20.429 ug/l

RT: 13.48 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :

MSVOA\_D

ClientSampleId :

VD0419SBS01

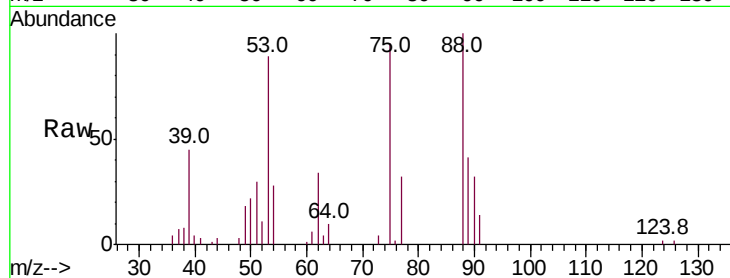
Tot Ion: 75 Resp: 28347

Ion Ratio Lower Upper

75 100

53 93.4 65.8 98.8

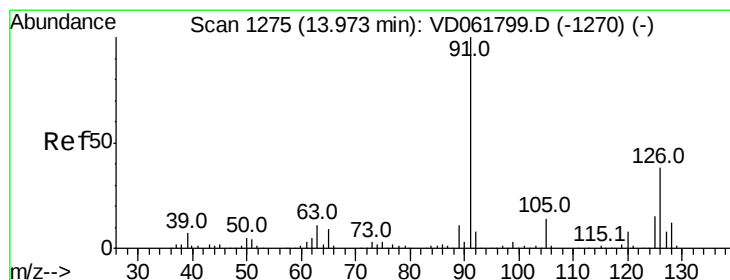
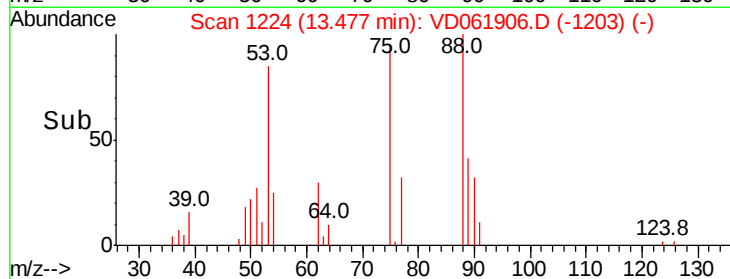
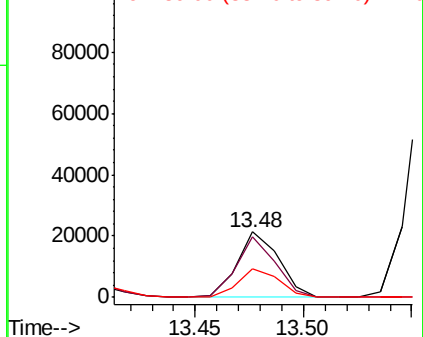
89 43.1 35.0 52.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 22.589 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VD061906.D

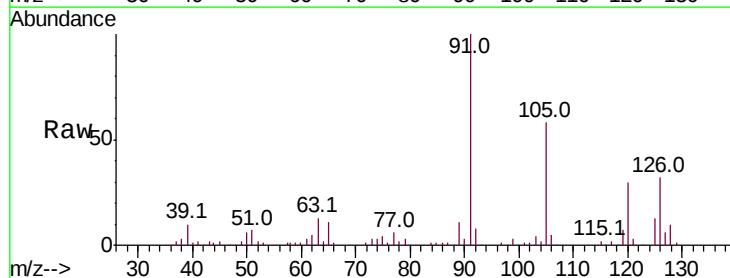
Acq: 19 Apr 2019 13:19

Tgt Ion: 91 Resp: 411310

Ion Ratio Lower Upper

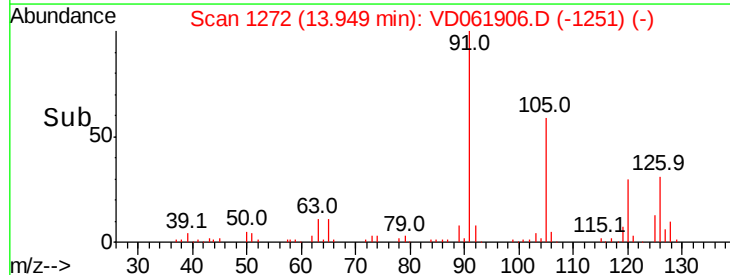
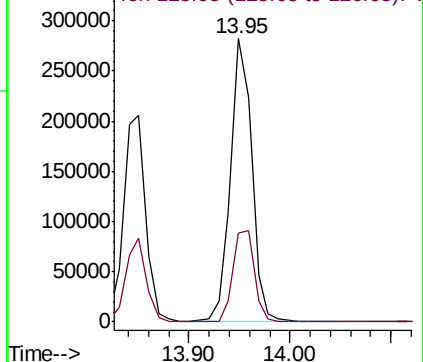
91 100

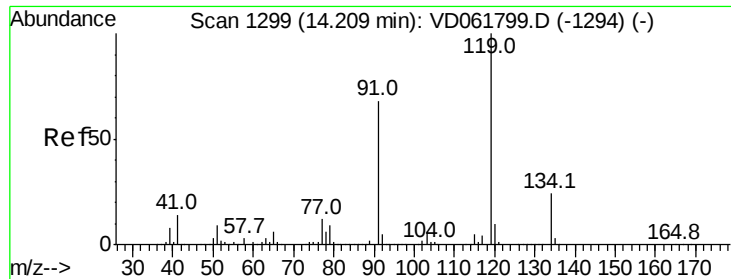
126 31.6 19.1 57.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

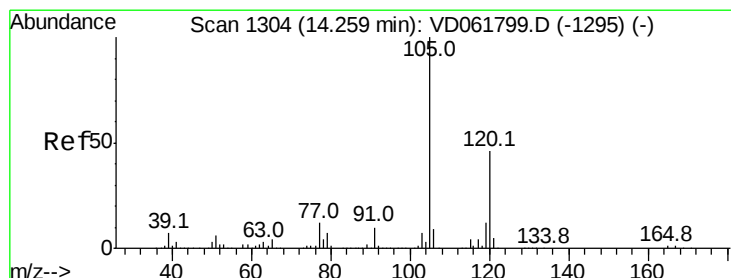
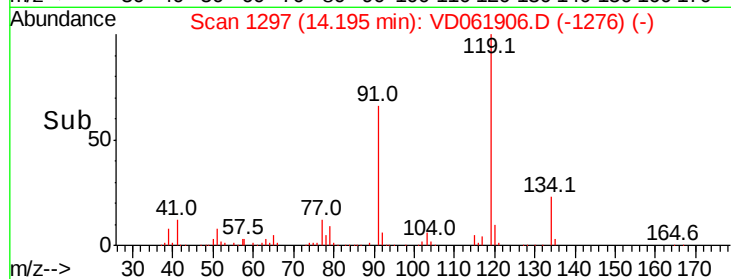
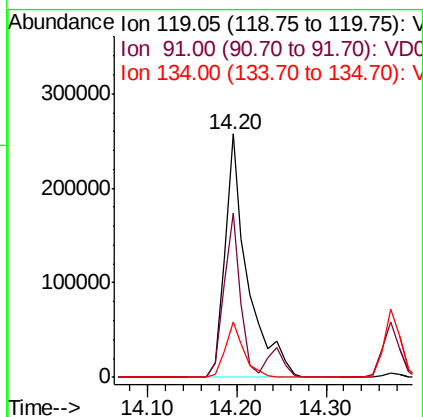
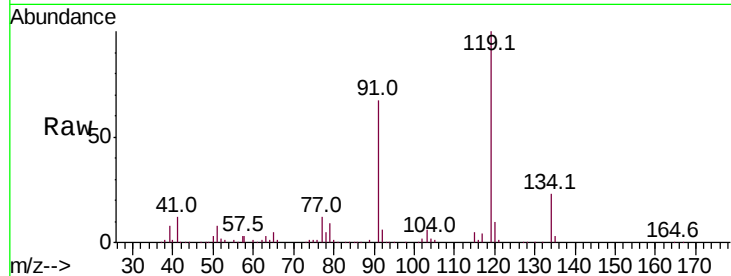




#83  
 tert-Butylbenzene  
 Concen: 20.946 ug/l  
 RT: 14.20 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

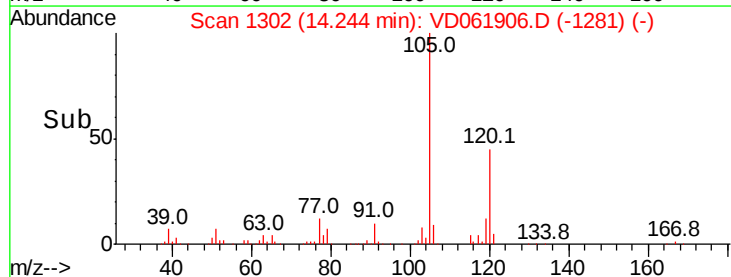
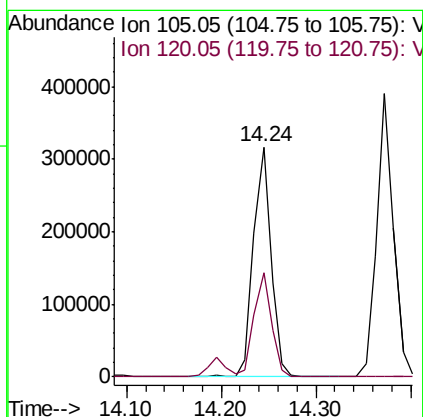
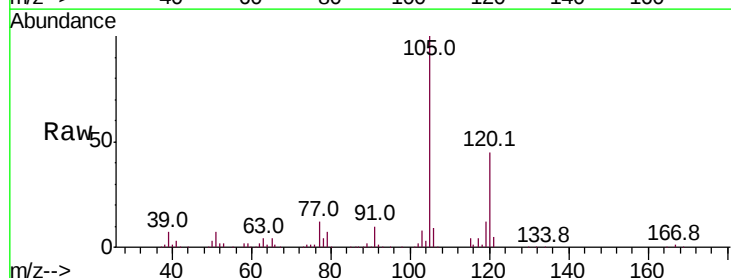
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

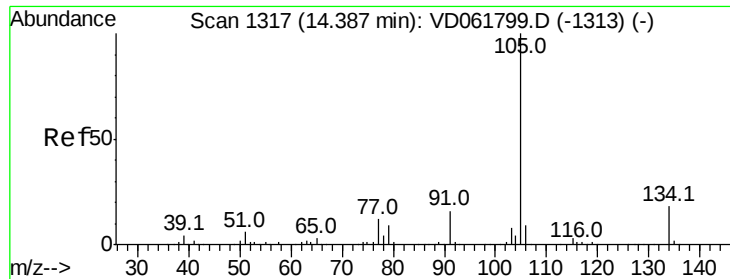
Tot Ion:119 Resp: 459956  
 Ion Ratio Lower Upper  
 119 100  
 91 67.2 34.2 102.6  
 134 23.0 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.860 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion:105 Resp: 410952  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 23.1 69.2

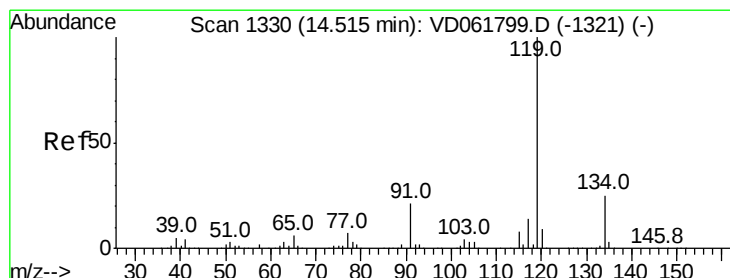
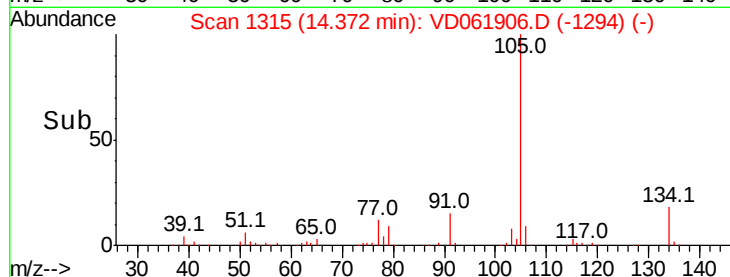
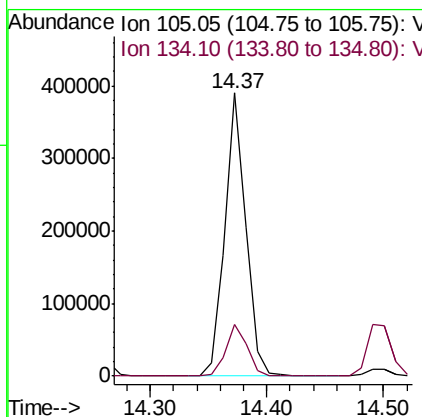
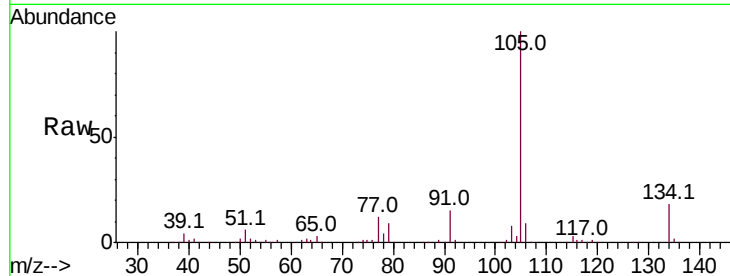




#85  
 sec-Butylbenzene  
 Concen: 21.509 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

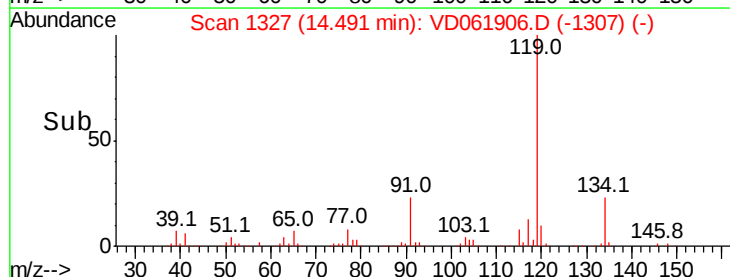
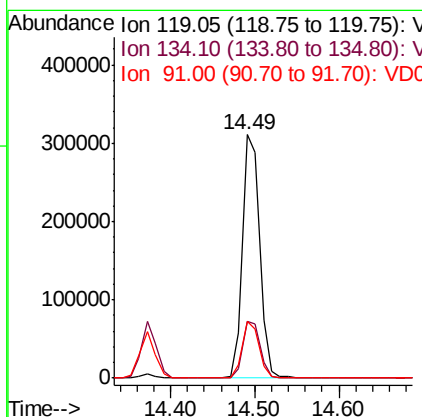
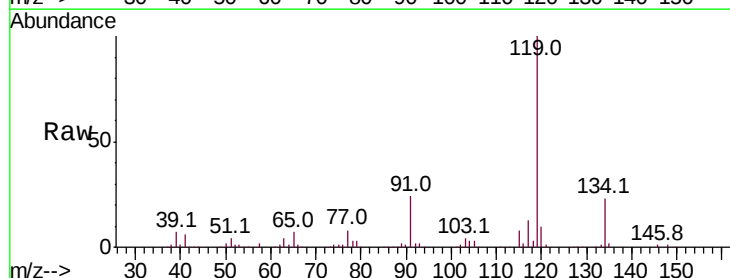
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

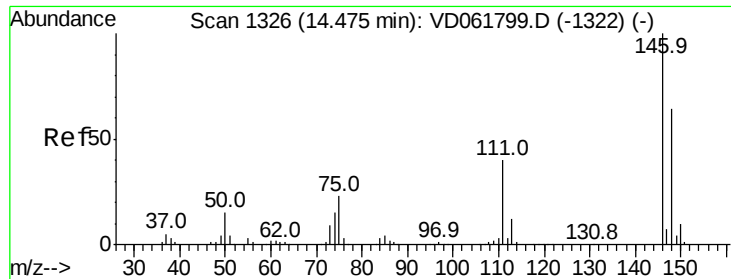
Tot Ion:105 Resp: 488281  
 Ion Ratio Lower Upper  
 105 100  
 134 18.4 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 20.913 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. -0.00 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion:119 Resp: 444197  
 Ion Ratio Lower Upper  
 119 100  
 134 23.1 12.8 38.3  
 91 23.6 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 21.136 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. 0.01 min

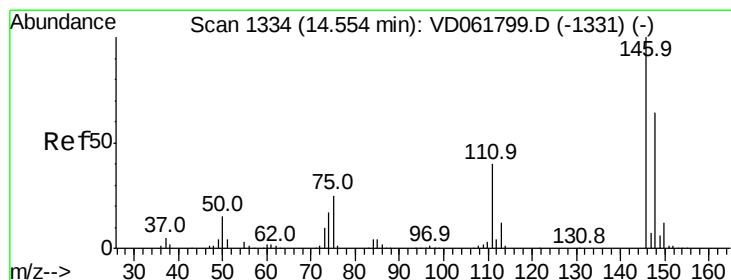
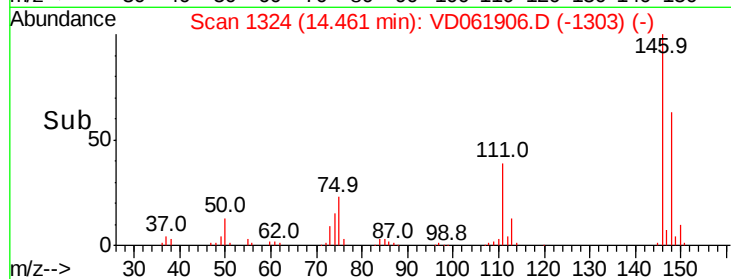
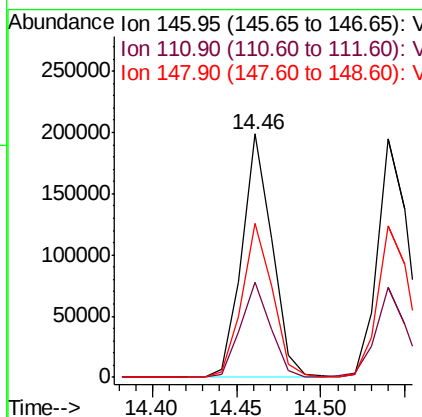
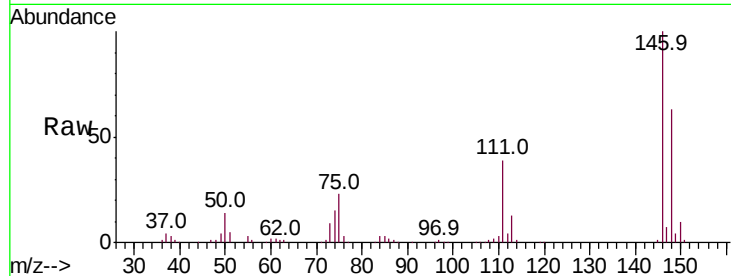
Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion:146 Resp: 247048

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.3  | 20.0  | 60.0  |
| 148 | 63.2  | 31.8  | 95.4  |



#88

1,4-Dichlorobenzene

Concen: 21.450 ug/l

RT: 14.54 min Scan# 1332

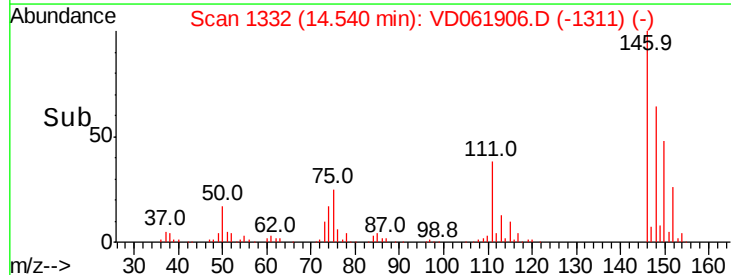
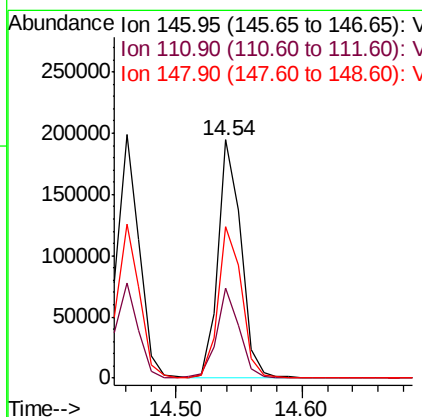
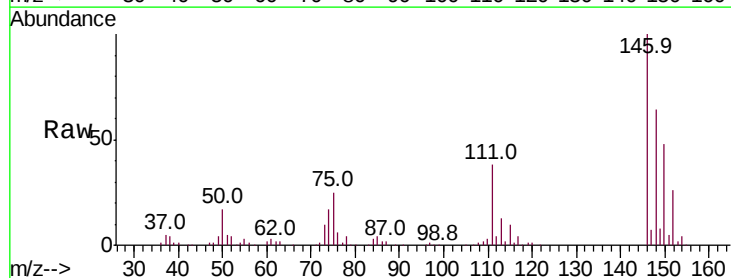
Delta R.T. 0.01 min

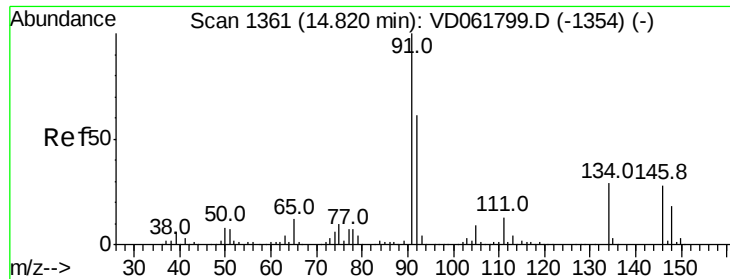
Lab File: VD061906.D

Acq: 19 Apr 2019 13:19

Tgt Ion:146 Resp: 247837

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 37.6  | 20.2  | 60.5  |
| 148 | 63.7  | 32.0  | 96.2  |

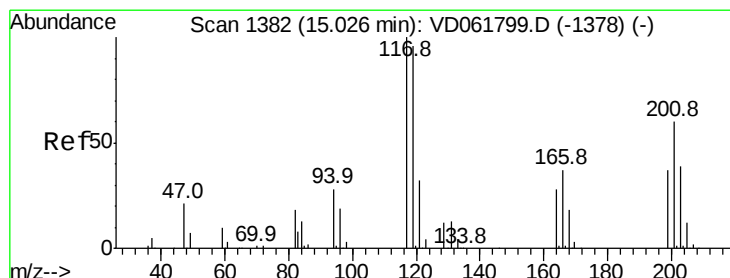
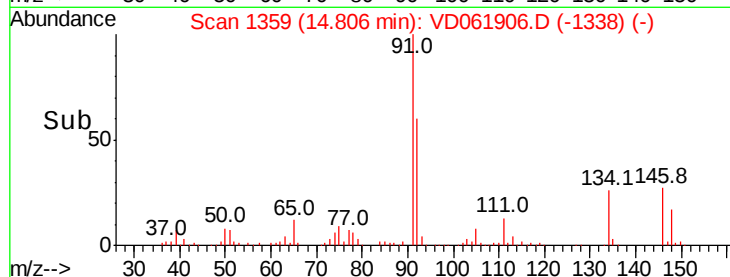
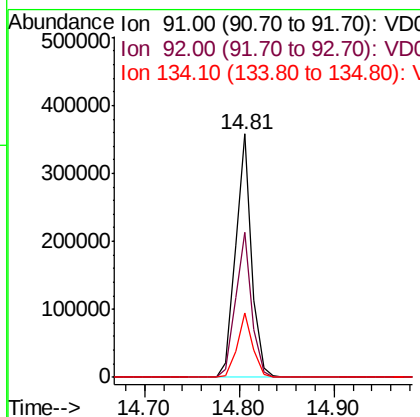
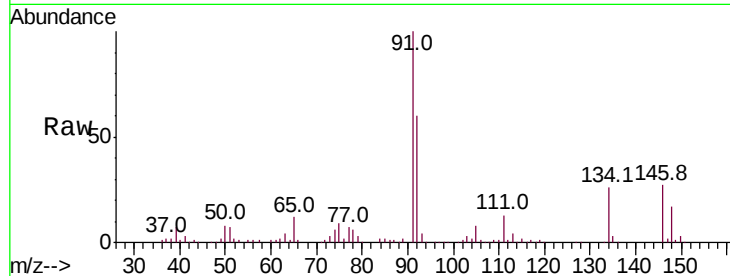




#89  
n-Butylbenzene  
Concen: 22.325 ug/l  
RT: 14.81 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

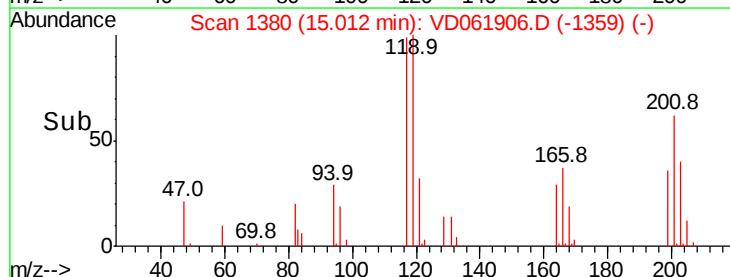
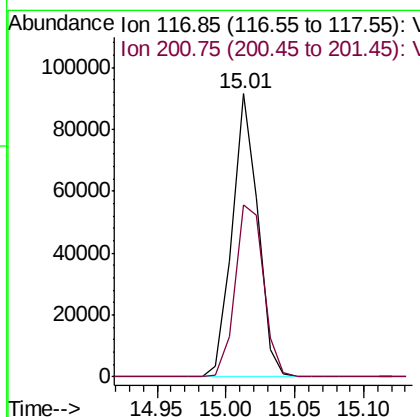
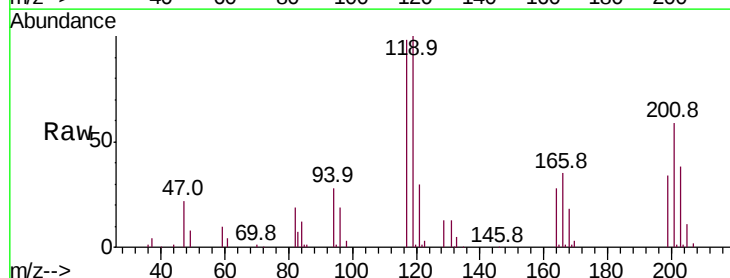
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

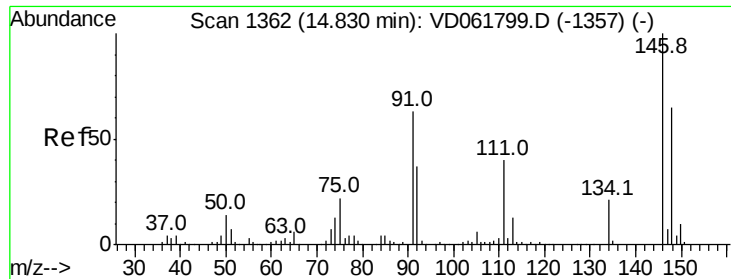
Tot Ion: 91 Resp: 419742  
Ion Ratio Lower Upper  
91 100  
92 59.7 30.3 91.0  
134 26.2 14.5 43.6



#90  
Hexachloroethane  
Concen: 20.518 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion: 117 Resp: 118781  
Ion Ratio Lower Upper  
117 100  
201 60.8 30.2 90.6

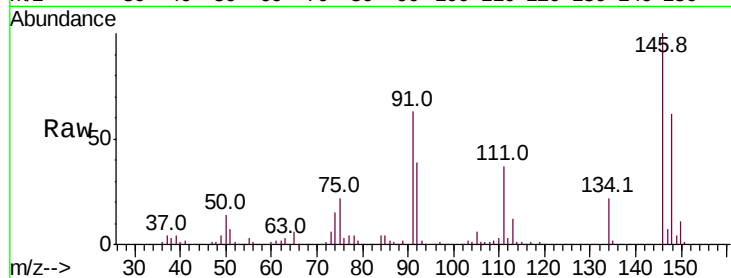




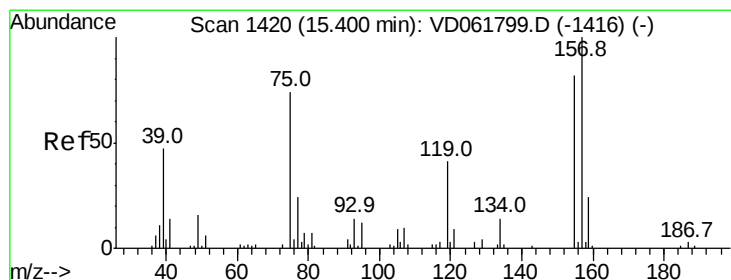
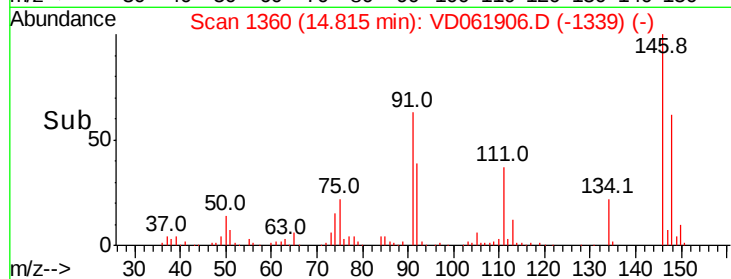
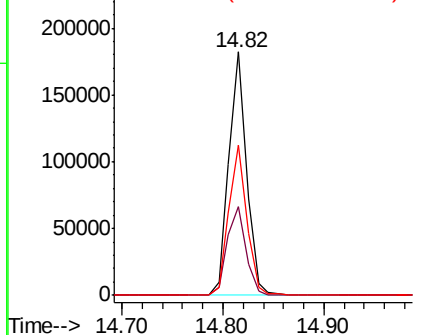
#91  
 1,2-Dichlorobenzene  
 Concen: 22.730 ug/l  
 RT: 14.82 min Scan# 1360  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

Tot Ion:146 Resp: 222546  
 Ion Ratio Lower Upper  
 146 100  
 111 36.7 20.0 59.9  
 148 61.8 32.3 96.8

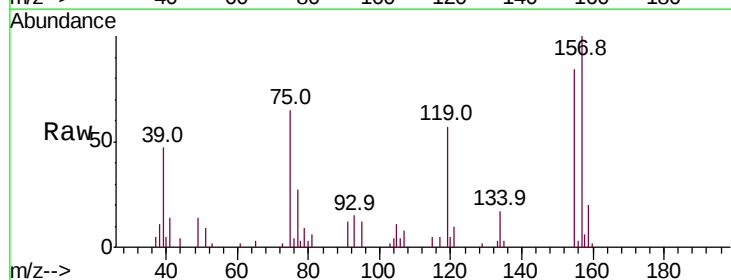


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

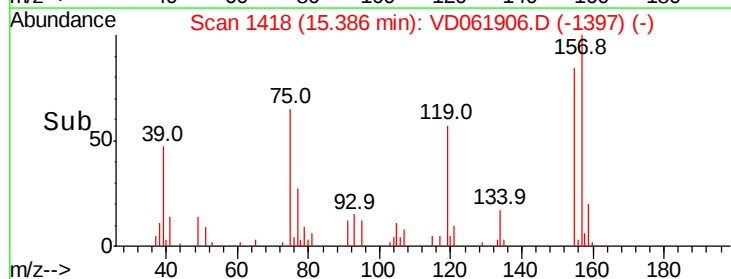
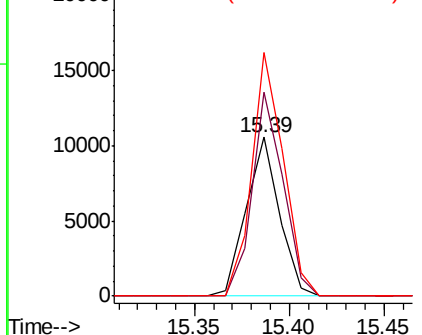


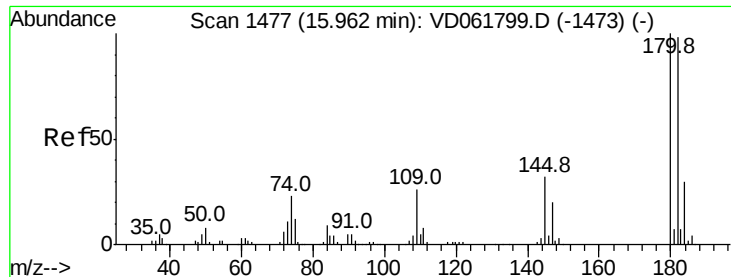
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.628 ug/l  
 RT: 15.39 min Scan# 1418  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Tgt Ion: 75 Resp: 12786  
 Ion Ratio Lower Upper  
 75 100  
 155 128.1 55.3 165.8  
 157 153.2 67.8 203.2



Abundance Ion 75.00 (74.70 to 75.70): V  
 Ion 154.90 (154.60 to 155.60): V  
 Ion 156.85 (156.55 to 157.55): V

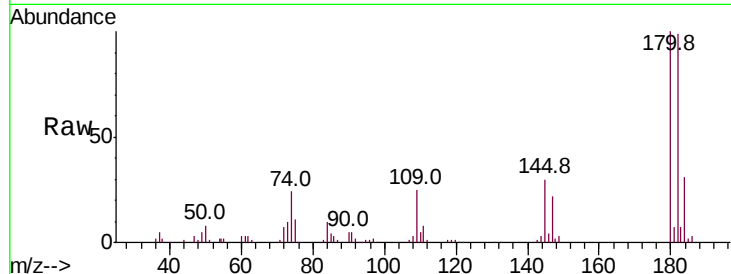




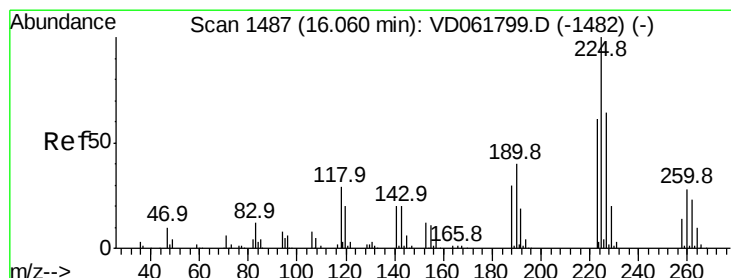
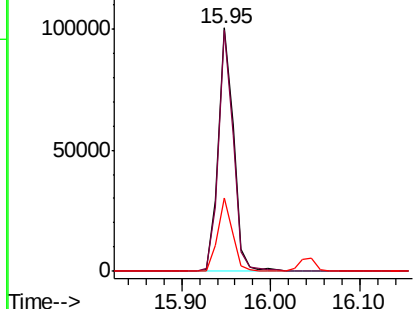
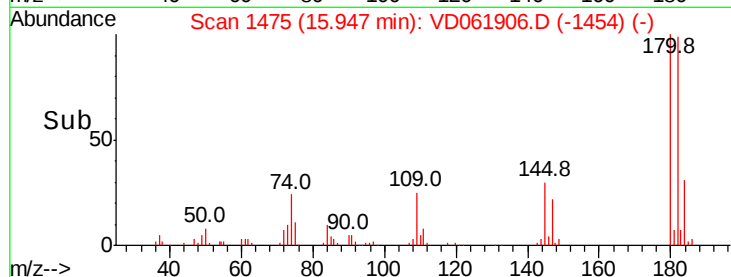
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.566 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0419SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.0  | 49.3  | 147.8 |
| 145     | 30.1  | 16.2  | 48.6  |

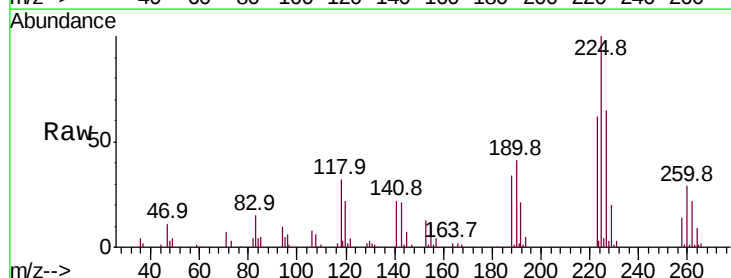


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

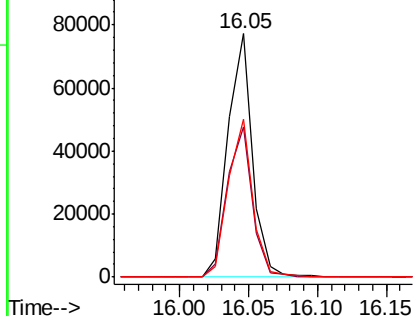
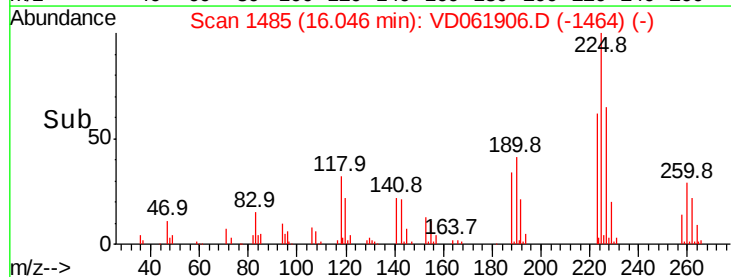


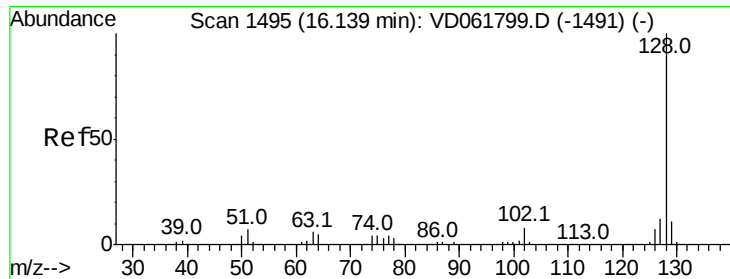
#94  
 Hexachlorobutadiene  
 Concen: 24.386 ug/l  
 RT: 16.05 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD061906.D  
 Acq: 19 Apr 2019 13:19

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.7  | 30.6  | 92.0  |
| 227     | 64.6  | 32.0  | 96.2  |



Abundance Ion 224.75 (224.45 to 225.45): V  
 Ion 222.75 (222.45 to 223.45): V  
 Ion 226.75 (226.45 to 227.45): V

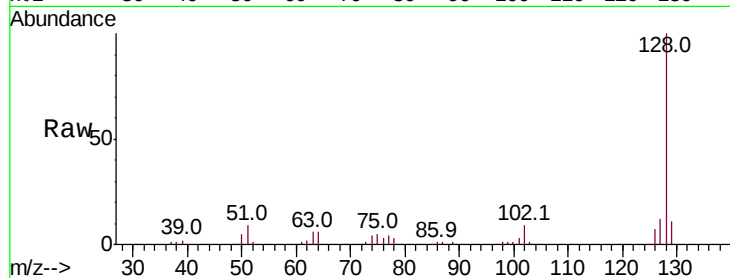




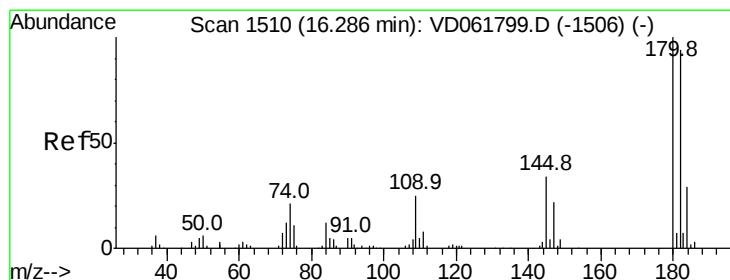
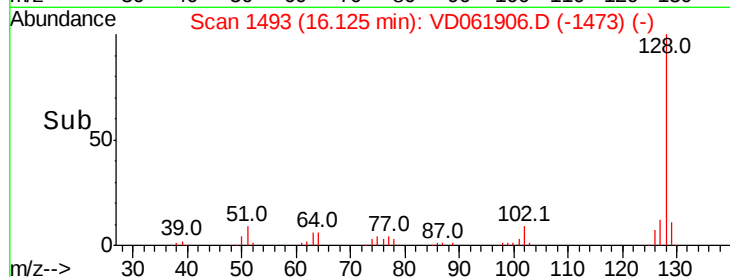
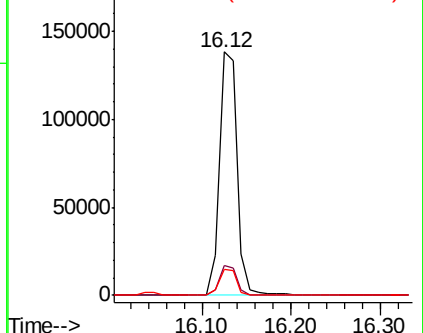
#95  
Naphthalene  
Concen: 23.536 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.00 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0419SBS01

Tot Ion:128 Resp: 193983  
Ion Ratio Lower Upper  
128 100  
127 12.4 9.8 14.8  
129 10.8 8.8 13.2

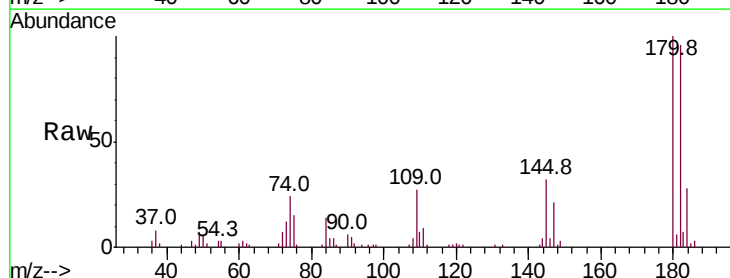


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 26.888 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.01 min  
Lab File: VD061906.D  
Acq: 19 Apr 2019 13:19

Tgt Ion:180 Resp: 82396  
Ion Ratio Lower Upper  
180 100  
182 96.3 47.0 141.0  
145 31.9 17.0 51.0



Abundance Ion 179.85 (179.55 to 180.55): V  
Ion 181.85 (181.55 to 182.55): V  
Ion 144.95 (144.65 to 145.65): V

