

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\  
 Data File : VD062537.D  
 Acq On : 28 May 2019 14:31  
 Operator : VA/AP  
 Sample : VD0528SBS01  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

Quant Time: May 29 01:00:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 03:32:39 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 410866   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.24  | 114  | 532117   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.38 | 117  | 445879   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 266133   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 7.47   | 65  | 254677   | 57.91 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 115.82% |      |
| 35) Dibromofluoromethane  | 6.94   | 113 | 255231   | 53.17 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.34% |      |
| 50) Toluene-d8            | 10.43  | 98  | 531202   | 50.57 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.14% |      |
| 62) 4-Bromofluorobenzene  | 13.56  | 95  | 233495   | 50.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.62% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 94431  | 21.658  | ug/l   | 98     |
| 3) Chloromethane              | 1.75 | 50  | 57808  | 20.310  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62  | 65246  | 21.784  | ug/l   | 91     |
| 5) Bromomethane               | 2.15 | 94  | 35482  | 27.454  | ug/l   | 90     |
| 6) Chloroethane               | 2.26 | 64  | 33424  | 23.069  | ug/l   | 95     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 160039 | 23.126  | ug/l   | 97     |
| 8) Diethyl Ether              | 2.88 | 74  | 18821  | 20.161  | ug/l   | 57     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 81434  | 19.780  | ug/l # | 91     |
| 10) Methyl Iodide             | 3.30 | 142 | 102217 | 17.806  | ug/l # | 74     |
| 11) Tert butyl alcohol        | 4.10 | 59  | 23983  | 118.139 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 60119  | 19.758  | ug/l # | 72     |
| 13) Acrolein                  | 3.04 | 56  | 14935  | 88.589  | ug/l # | 69     |
| 14) Allyl chloride            | 3.63 | 41  | 78570  | 17.513  | ug/l # | 59     |
| 15) Acrylonitrile             | 4.22 | 53  | 41489  | 89.189  | ug/l   | 93     |
| 16) Acetone                   | 3.24 | 43  | 79767  | 101.211 | ug/l # | 84     |
| 17) Carbon Disulfide          | 3.37 | 76  | 165885 | 18.001  | ug/l   | 97     |
| 18) Methyl Acetate            | 3.66 | 43  | 27842  | 20.473  | ug/l # | 84     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73  | 138146 | 19.657  | ug/l   | 96     |
| 20) Methylene Chloride        | 3.83 | 84  | 64290  | 14.704  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 4.23 | 96  | 63202  | 17.743  | ug/l   | 90     |
| 22) Diisopropyl ether         | 5.14 | 45  | 174425 | 18.265  | ug/l # | 89     |
| 23) Vinyl Acetate             | 5.08 | 43  | 535106 | 92.734  | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 5.00 | 63  | 110658 | 17.992  | ug/l   | 96     |
| 25) 2-Butanone                | 6.09 | 43  | 71017  | 86.154  | ug/l # | 86     |
| 26) 2,2-Dichloropropane       | 6.04 | 77  | 132505 | 19.986  | ug/l   | 88     |
| 27) cis-1,2-Dichloroethene    | 6.05 | 96  | 67080  | 17.464  | ug/l   | 83     |
| 28) Bromochloromethane        | 6.45 | 49  | 38545  | 17.462  | ug/l   | 94     |
| 29) Tetrahydrofuran           | 6.47 | 42  | 34975  | 88.842  | ug/l   | 97     |
| 30) Chloroform                | 6.68 | 83  | 146410 | 18.673  | ug/l   | 96     |
| 31) Cyclohexane               | 6.97 | 56  | 70549  | 16.989  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 6.89 | 97  | 156711 | 19.797  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.16 | 75  | 96649  | 18.998  | ug/l   | 95     |
| 37) Ethyl Acetate             | 6.19 | 43  | 42437  | 21.472  | ug/l # | 90     |
| 38) Carbon Tetrachloride      | 7.12 | 117 | 154891 | 20.486  | ug/l   | 97     |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

Quant Time: May 29 01:00:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 21 03:32:39 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 79711    | 18.996  | ug/l   | 93       |
| 40) Benzene                    | 7.47  | 78   | 176816   | 17.719  | ug/l   | 96       |
| 41) Methacrylonitrile          | 6.47  | 41   | 48448    | 19.518  | ug/l # | 77       |
| 42) 1,2-Dichloroethane         | 7.60  | 62   | 109252   | 20.675  | ug/l   | 90       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 48348    | 18.440  | ug/l   | 91       |
| 44) Trichloroethene            | 8.55  | 130  | 74386    | 18.617  | ug/l   | 85       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 42117    | 17.319  | ug/l   | 99       |
| 46) Dibromomethane             | 9.07  | 93   | 42442    | 19.253  | ug/l   | 92       |
| 47) Bromodichloromethane       | 9.39  | 83   | 117937   | 21.031  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.13  | 41   | 34522    | 19.566  | ug/l # | 77       |
| 49) 1,4-Dioxane                | 9.10  | 88   | 5309     | 335.462 | ug/l # | 86       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 175188   | 101.144 | ug/l   | 90       |
| 52) Toluene                    | 10.52 | 92   | 124384   | 18.207  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 90321    | 19.346  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 91519    | 18.786  | ug/l # | 74       |
| 55) 1,1,2-Trichloroethane      | 11.21 | 97   | 45235    | 19.537  | ug/l   | 90       |
| 56) Ethyl methacrylate         | 11.06 | 69   | 45919    | 18.552  | ug/l # | 83       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 64487    | 18.161  | ug/l   | 93       |
| 58) 2-Chloroethyl Vinyl ether  | 9.87  | 63   | 140034   | 110.180 | ug/l # | 88       |
| 59) 2-Hexanone                 | 11.54 | 43   | 126010   | 100.101 | ug/l   | 93       |
| 60) Dibromochloromethane       | 11.70 | 129  | 88025    | 19.794  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.82 | 107  | 52778    | 18.497  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.27 | 164  | 71148    | 19.057  | ug/l   | 95       |
| 65) Chlorobenzene              | 12.41 | 112  | 148182   | 17.282  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 12.53 | 131  | 76532    | 19.336  | ug/l   | 94       |
| 67) Ethyl Benzene              | 12.54 | 91   | 275463   | 18.652  | ug/l   | 94       |
| 68) m/p-Xylenes                | 12.67 | 106  | 195993   | 36.970  | ug/l   | 94       |
| 69) o-Xylene                   | 13.06 | 106  | 88986    | 17.790  | ug/l   | 80       |
| 70) Styrene                    | 13.08 | 104  | 151912   | 17.852  | ug/l # | 89       |
| 71) Bromoform                  | 13.24 | 173  | 55792    | 21.225  | ug/l # | 96       |
| 73) Isopropylbenzene           | 13.41 | 105  | 284406   | 16.954  | ug/l   | 96       |
| 74) N-amyl acetate             | 13.27 | 43   | 69800    | 16.847  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.71 | 83   | 47948    | 15.843  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 58552    | 18.678  | ug/l   | 97       |
| 77) Bromobenzene               | 13.68 | 156  | 83937    | 17.638  | ug/l   | 89       |
| 78) n-propylbenzene            | 13.79 | 91   | 351189   | 18.073  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 198252   | 16.812  | ug/l   | 89       |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 253056   | 17.422  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-buten | 13.48 | 75   | 15149    | 17.135  | ug/l # | 58       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 234492   | 17.267  | ug/l   | 84       |
| 83) tert-Butylbenzene          | 14.20 | 119  | 281884   | 17.496  | ug/l   | 91       |
| 84) 1,2,4-Trimethylbenzene     | 14.25 | 105  | 259564   | 17.440  | ug/l   | 91       |
| 85) sec-Butylbenzene           | 14.38 | 105  | 294810   | 17.548  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 273312   | 17.952  | ug/l   | 90       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 147075   | 17.501  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 151731   | 18.710  | ug/l   | 94       |
| 89) n-Butylbenzene             | 14.81 | 91   | 257736   | 17.542  | ug/l   | 98       |
| 90) Hexachloroethane           | 15.02 | 117  | 75271    | 17.890  | ug/l   | 79       |
| 91) 1,2-Dichlorobenzene        | 14.82 | 146  | 133954   | 18.745  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.39 | 75   | 10660    | 18.557  | ug/l   | 86       |

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Acq On : 28 May 2019 14:31  
Operator : VA/AP  
Sample : VD0528SBS01  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 4 Sample Multiplier: 1

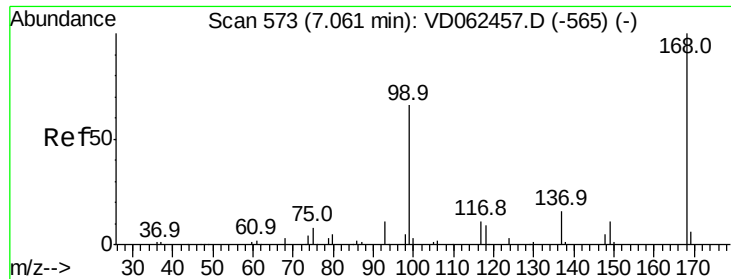
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Quant Time: May 29 01:00:04 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D052019S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 21 03:32:39 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 93962    | 16.699 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 69500    | 16.728 | ug/l  | 99       |
| 95) Naphthalene            | 16.13 | 128  | 127806   | 16.623 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 72256    | 15.665 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

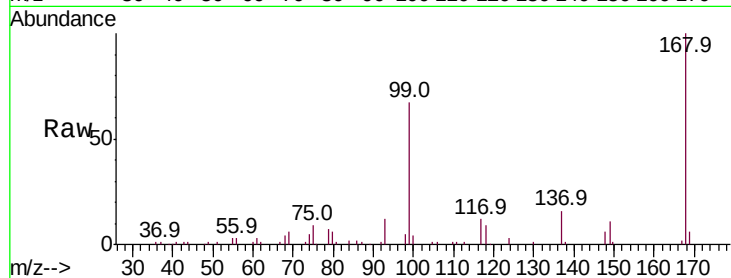
VD0528SBS01

Tot Ion:168 Resp: 410866

Ion Ratio Lower Upper

168 100

99 66.8 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

150000

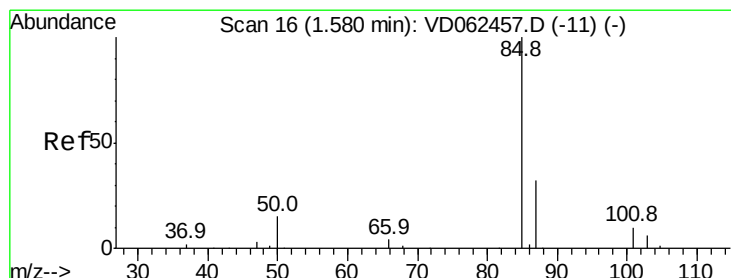
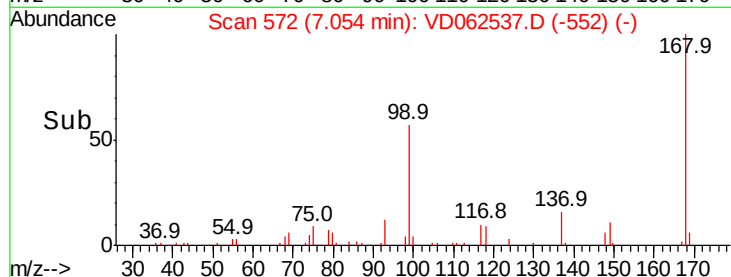
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50000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#2

Dichlorodifluoromethane

Concen: 21.658 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.01 min

Lab File: VD062537.D

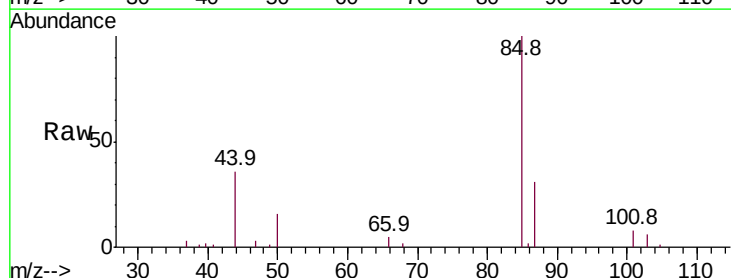
Acq: 28 May 2019 14:31

Tgt Ion: 85 Resp: 94431

Ion Ratio Lower Upper

85 100

87 31.1 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

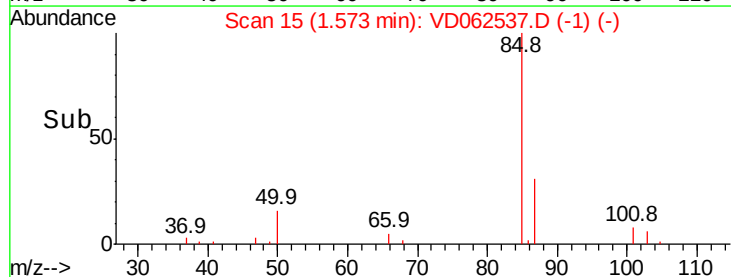
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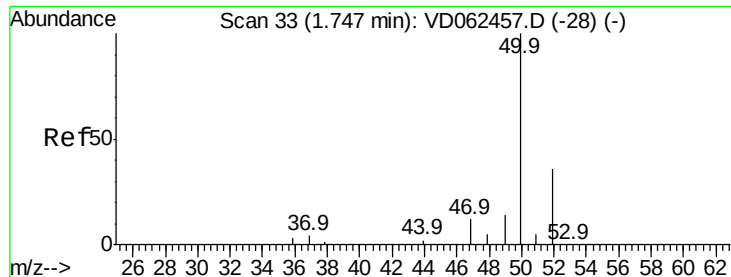
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Time-->

1.50 1.60 1.70 1.80

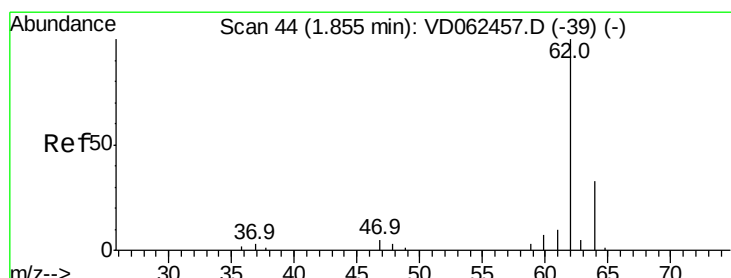
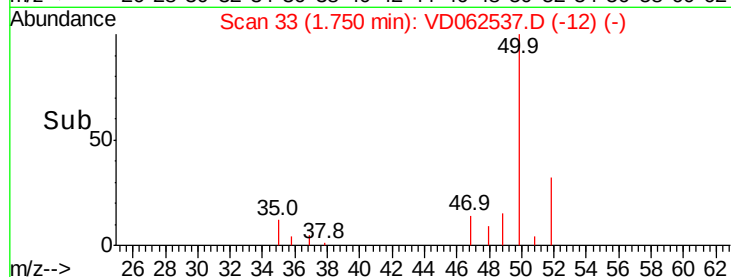
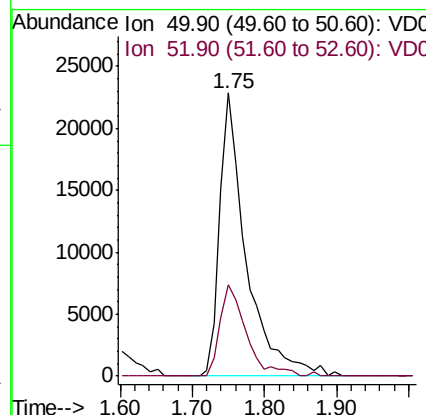
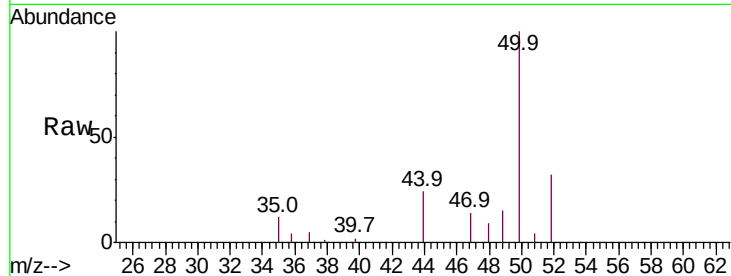




#3  
 Chloromethane  
 Concen: 20.310 ug/l  
 RT: 1.75 min Scan# 33  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

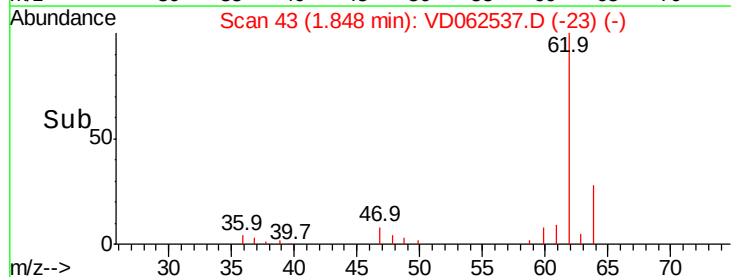
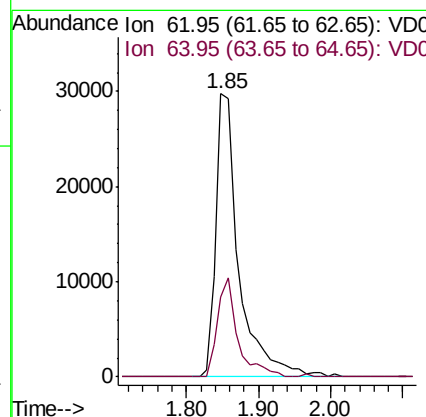
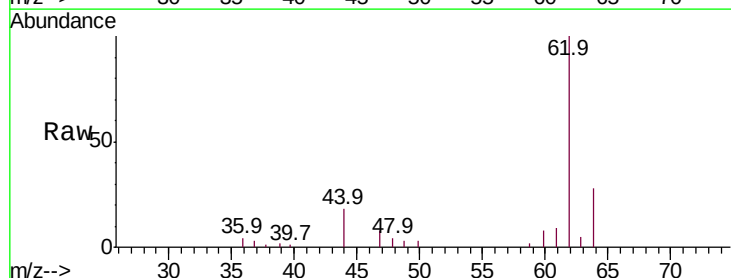
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

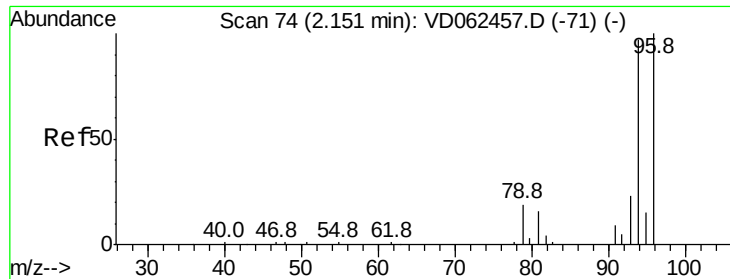
Tot Ion: 50 Resp: 57808  
 Ion Ratio Lower Upper  
 50 100  
 52 32.2 25.2 37.8



#4  
 Vinyl Chloride  
 Concen: 21.784 ug/l  
 RT: 1.85 min Scan# 43  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 62 Resp: 65246  
 Ion Ratio Lower Upper  
 62 100  
 64 28.1 26.5 39.7



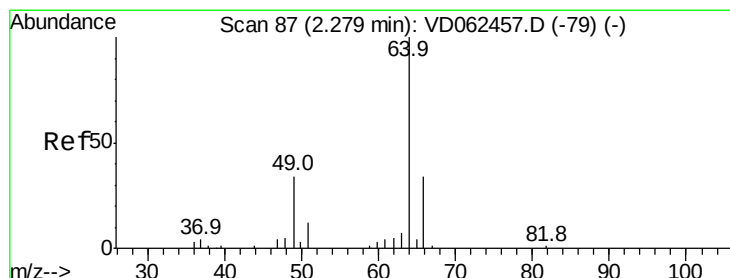
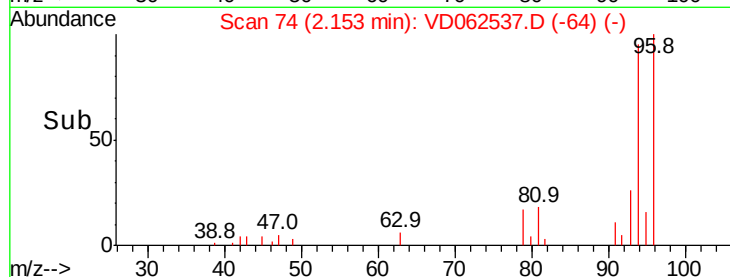
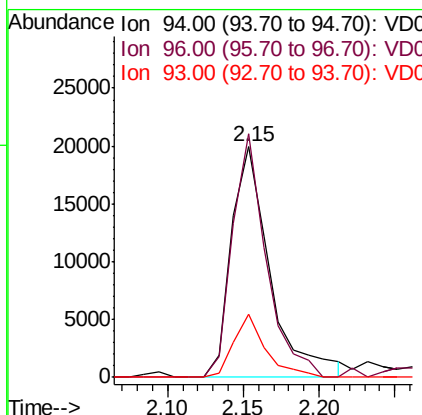
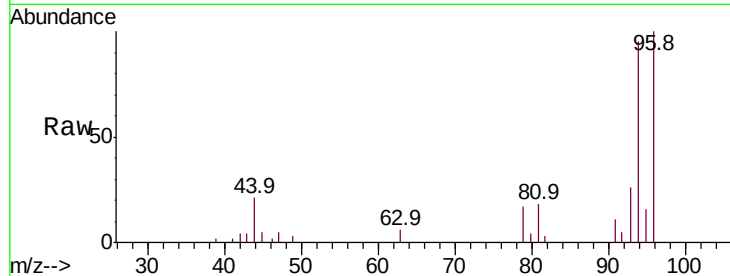


#5  
 Bromomethane  
 Concen: 27.454 ug/l  
 RT: 2.15 min Scan# 74  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

Tot Ion: 94 Resp: 35482

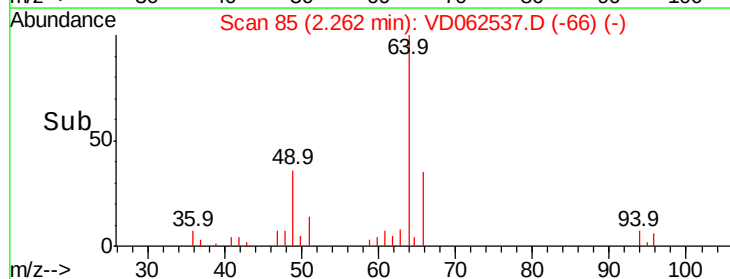
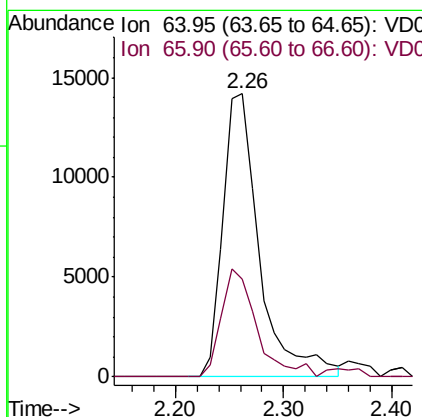
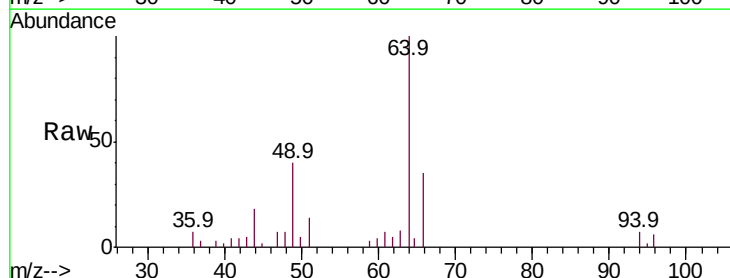
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 96  | 105.7 | 76.6  | 115.0 |
| 93  | 27.6  | 18.5  | 27.7  |

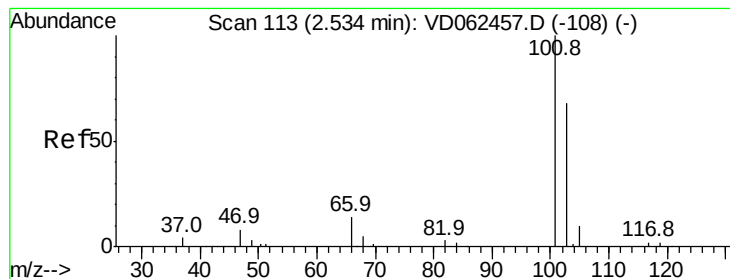


#6  
 Chloroethane  
 Concen: 23.069 ug/l  
 RT: 2.26 min Scan# 85  
 Delta R.T. -0.02 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 64 Resp: 33424

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 64  | 100   |       |       |
| 66  | 34.7  | 25.6  | 38.4  |



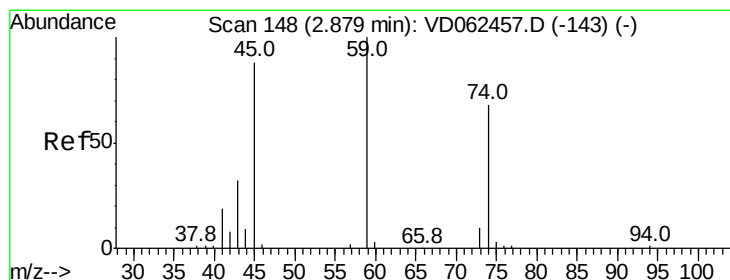
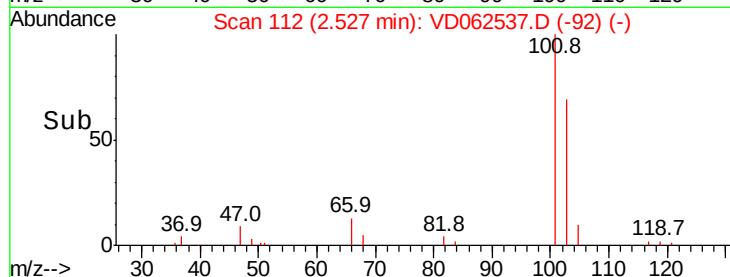
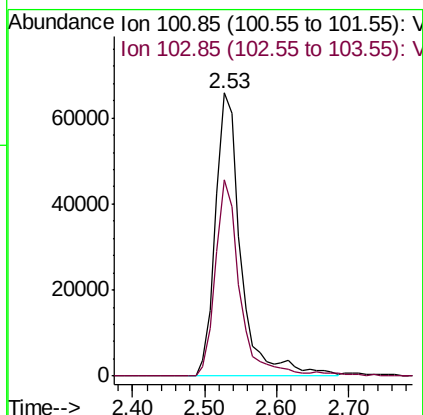
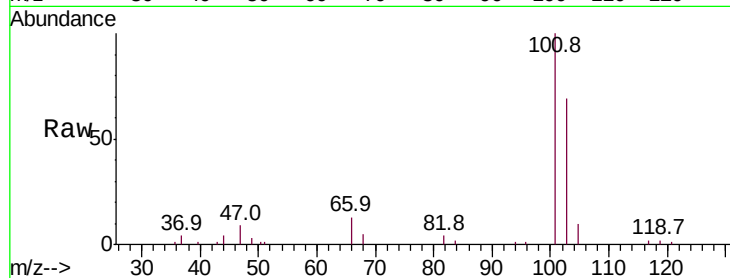


#7

Trichlorofluoromethane  
 Concen: 23.126 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

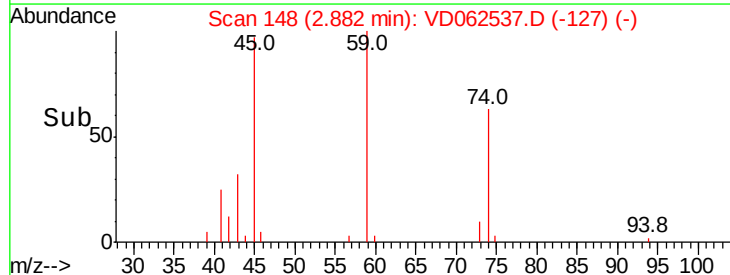
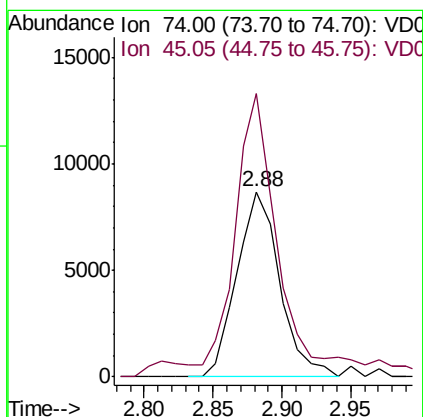
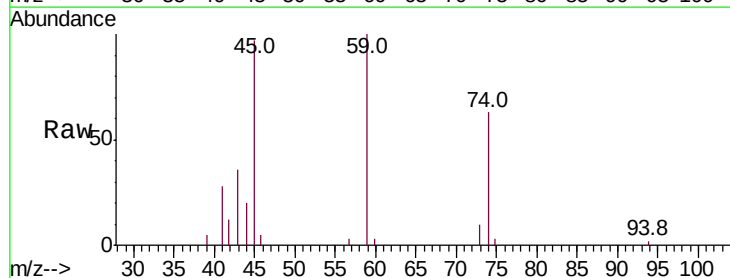
Tot Ion:101 Resp: 160039  
 Ion Ratio Lower Upper  
 101 100  
 103 69.4 53.6 80.4



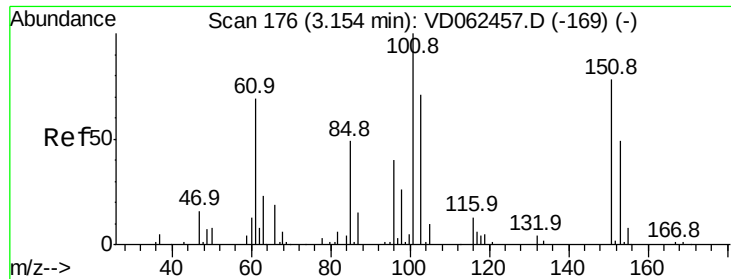
#8

Diethyl Ether  
 Concen: 20.161 ug/l  
 RT: 2.88 min Scan# 148  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 74 Resp: 18821  
 Ion Ratio Lower Upper  
 74 100  
 45 160.3 56.9 170.7







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.780 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

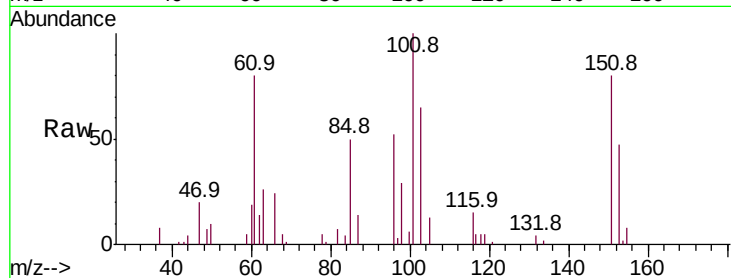
Tot Ion:101 Resp: 81434

Ion Ratio Lower Upper

101 100

85 49.7 32.4 48.6#

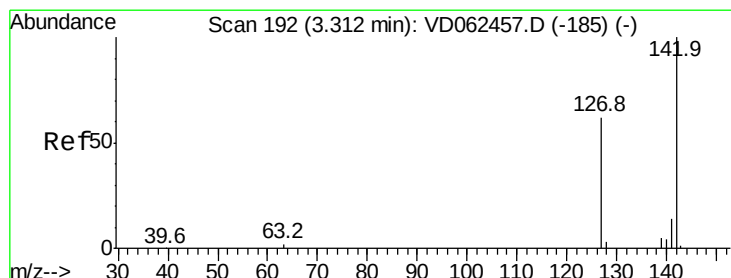
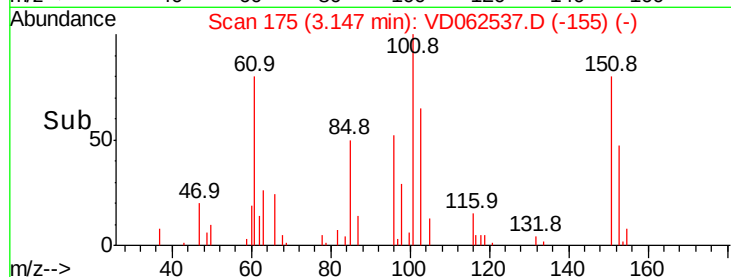
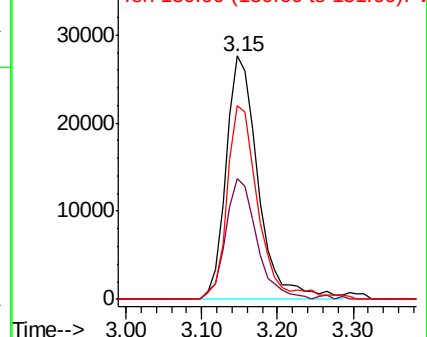
151 79.6 59.4 89.0



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: 17.806 ug/l

RT: 3.30 min Scan# 191

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

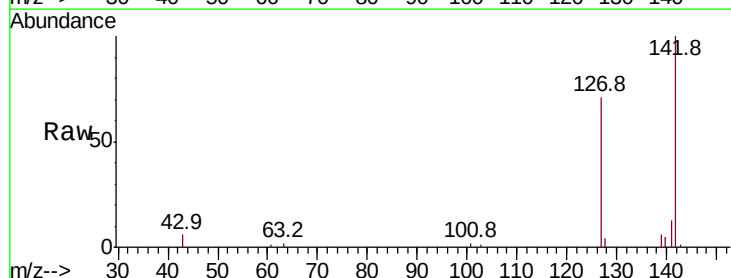
Tgt Ion:142 Resp: 102217

Ion Ratio Lower Upper

142 100

127 70.6 38.8 58.2#

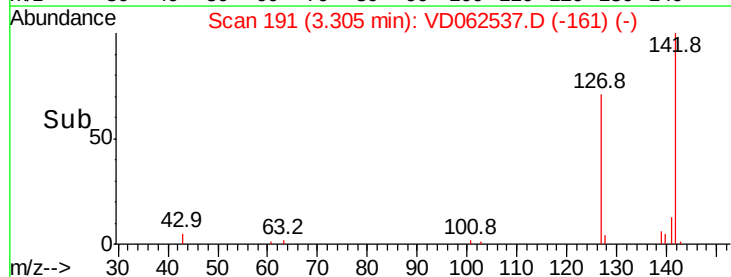
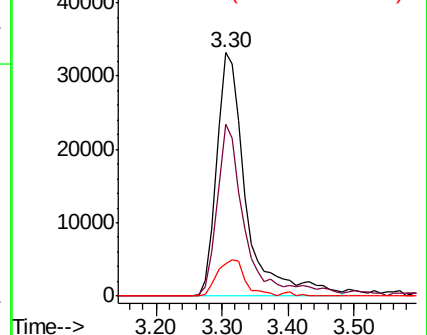
141 13.1 11.4 17.0

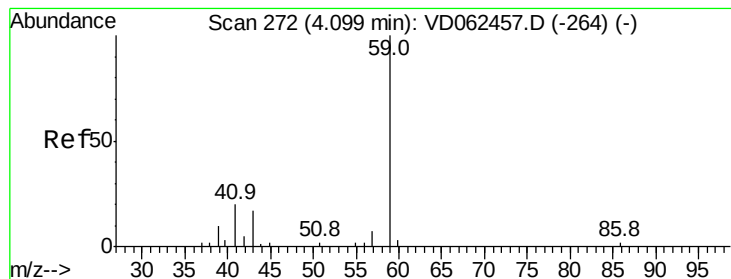


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



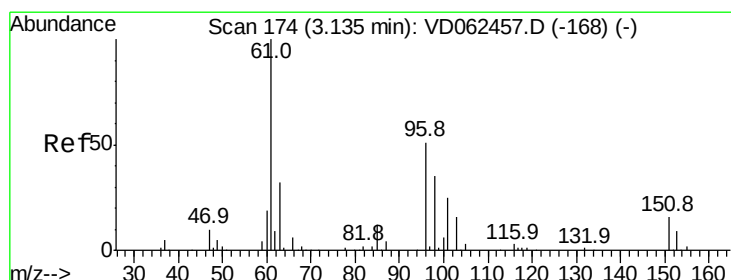
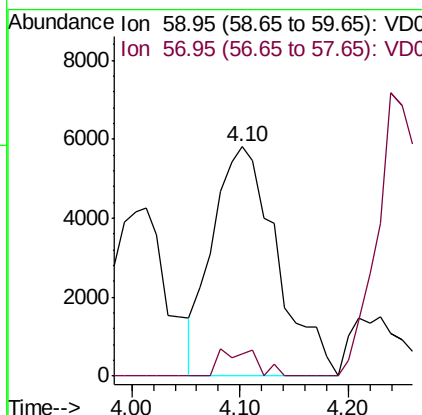
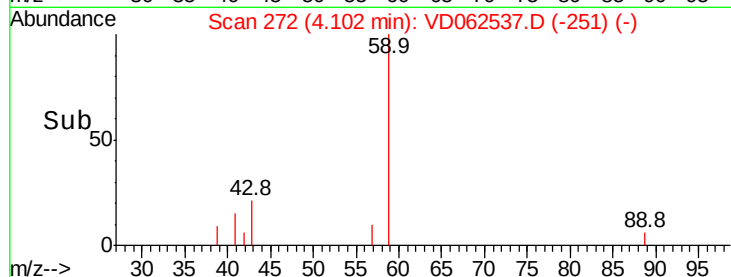
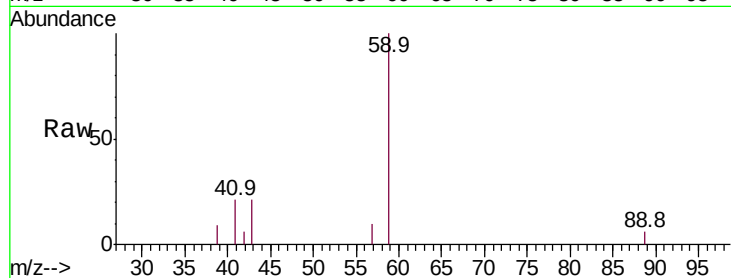


#11

Tert butyl alcohol  
 Concen: 118.139 ug/l  
 RT: 4.10 min Scan# 272  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

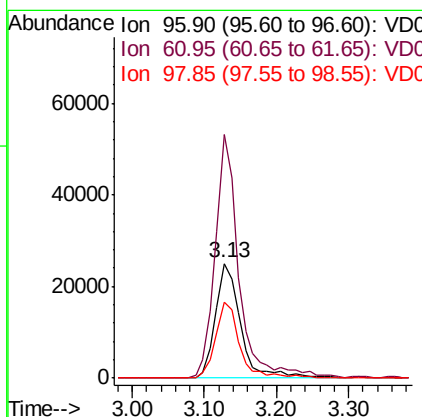
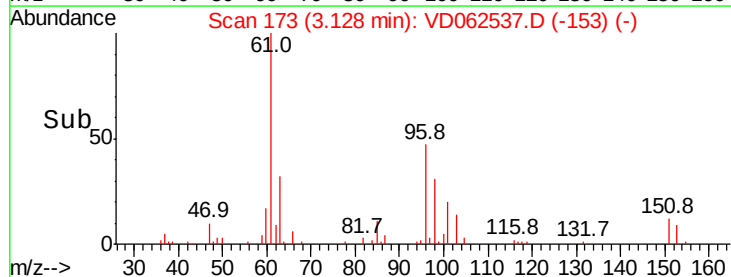
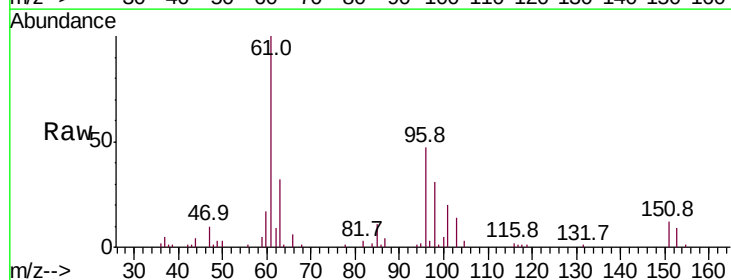
Tot Ion: 59 Resp: 23983  
 Ion Ratio Lower Upper  
 59 100  
 57 9.9 6.9 10.3

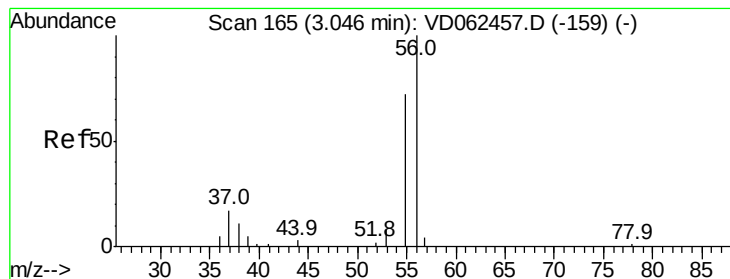


#12

1,1-Dichloroethene  
 Concen: 19.758 ug/l  
 RT: 3.13 min Scan# 173  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 96 Resp: 60119  
 Ion Ratio Lower Upper  
 96 100  
 61 212.6 129.8 194.8#  
 98 66.4 51.2 76.8





#13

Acrolein

Concen: 88.589 ug/l

RT: 3.04 min Scan# 164

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

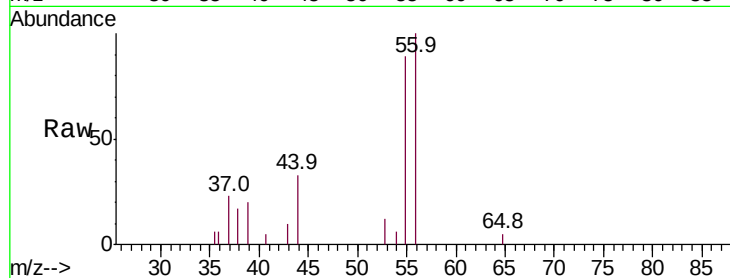
VD0528SBS01

Tot Ion: 56 Resp: 14935

Ion Ratio Lower Upper

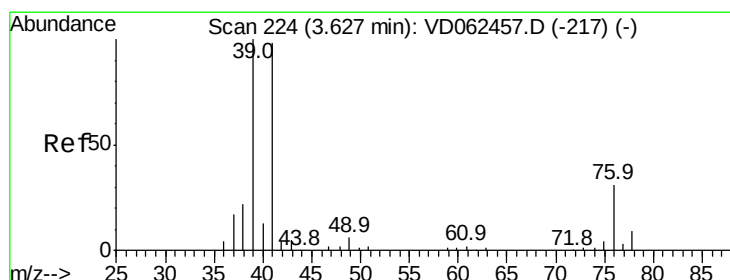
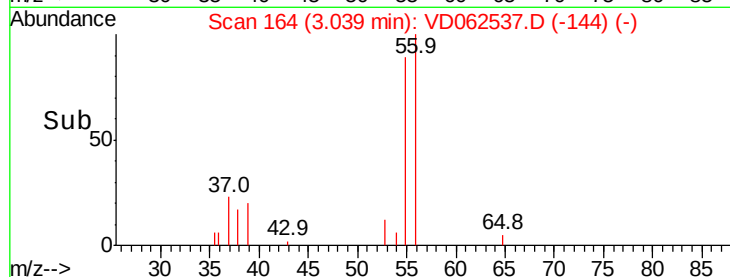
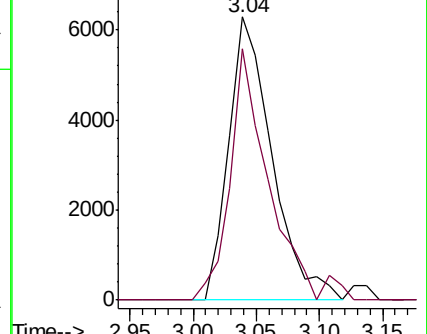
56 100

55 88.9 51.4 77.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 17.513 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

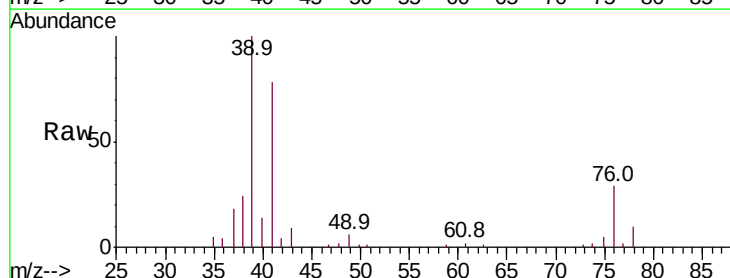
Tgt Ion: 41 Resp: 78570

Ion Ratio Lower Upper

41 100

39 127.7 60.5 90.7#

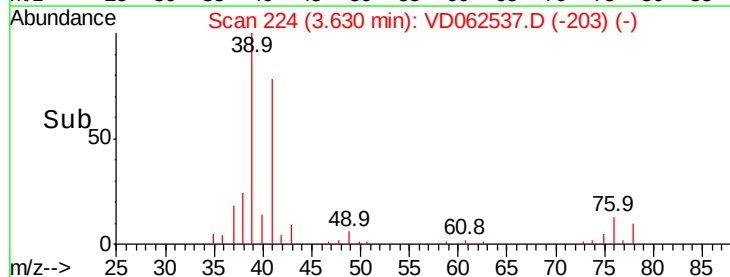
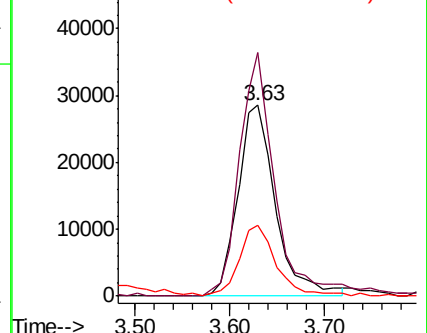
76 37.3 31.8 47.8

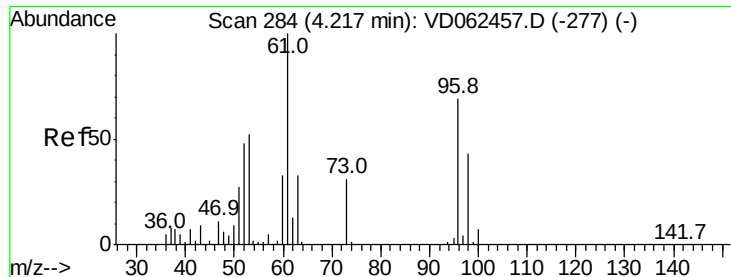


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 89.189 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

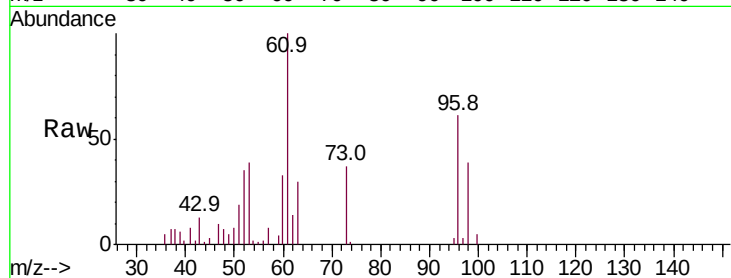
Tot Ion: 53 Resp: 41489

Ion Ratio Lower Upper

53 100

52 85.8 65.0 97.4

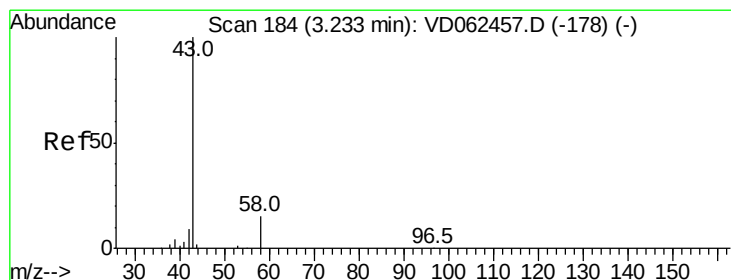
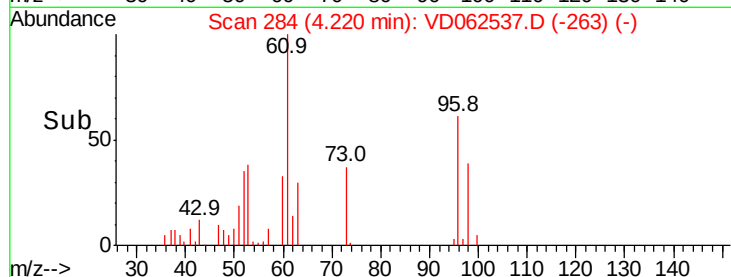
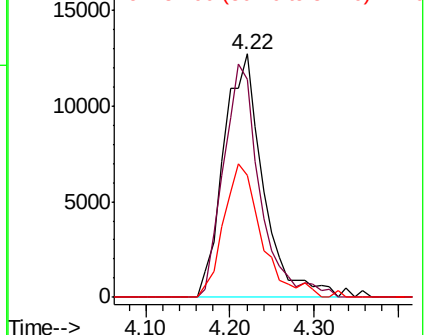
51 48.3 32.6 48.8



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: 101.211 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.00 min

Lab File: VD062537.D

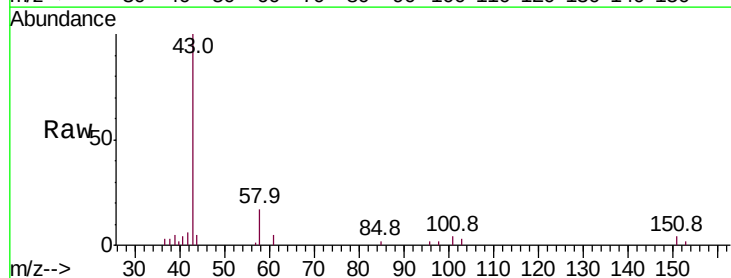
Acq: 28 May 2019 14:31

Tgt Ion: 43 Resp: 79767

Ion Ratio Lower Upper

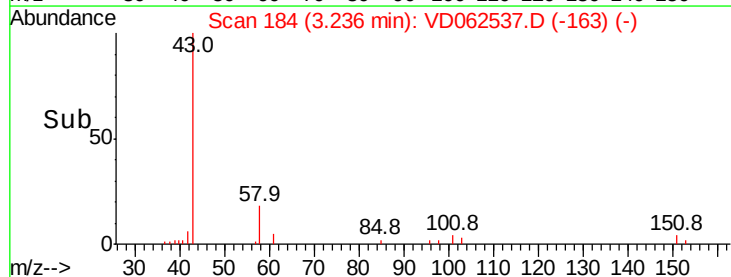
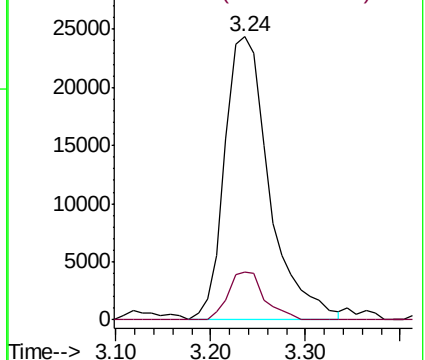
43 100

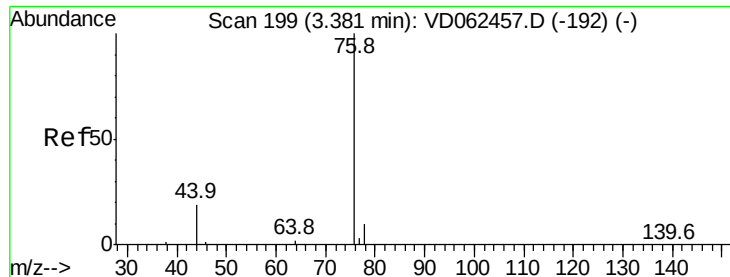
58 17.1 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 18.001 ug/l

RT: 3.37 min Scan# 198

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

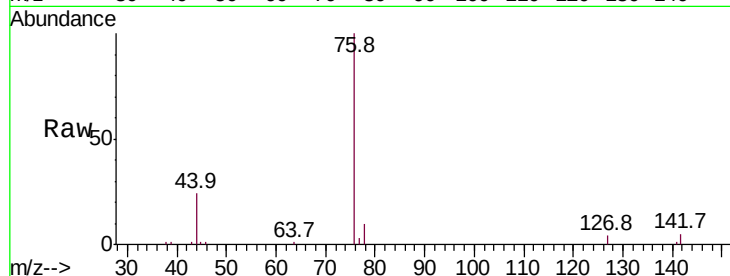
VD0528SBS01

Tot Ion: 76 Resp: 165885

Ion Ratio Lower Upper

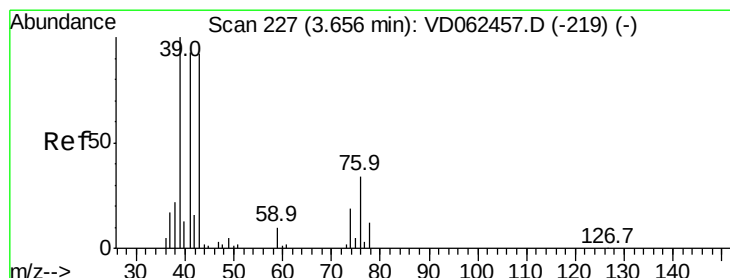
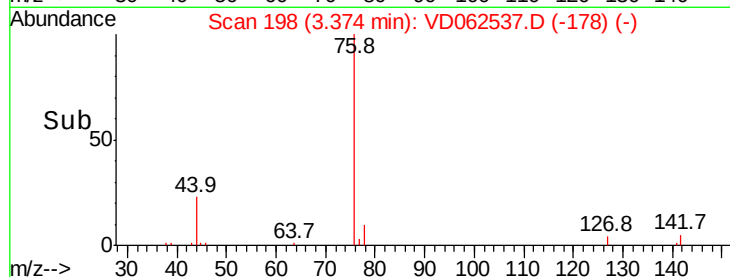
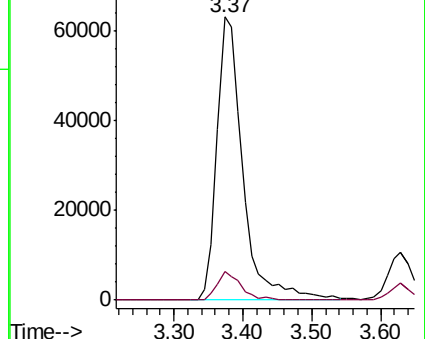
76 100

78 10.0 7.2 10.8



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 20.473 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.00 min

Lab File: VD062537.D

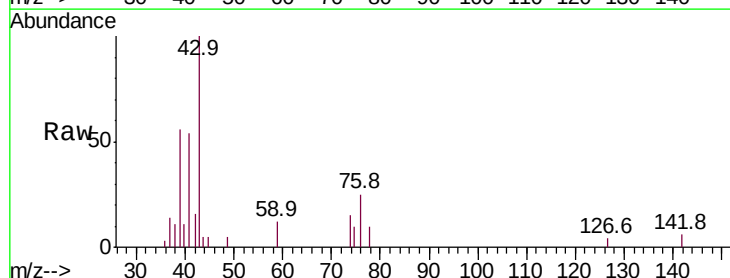
Acq: 28 May 2019 14:31

Tgt Ion: 43 Resp: 27842

Ion Ratio Lower Upper

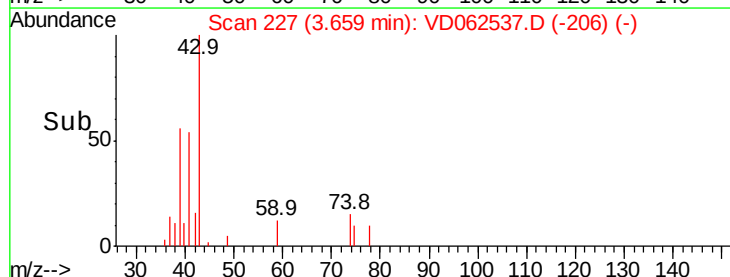
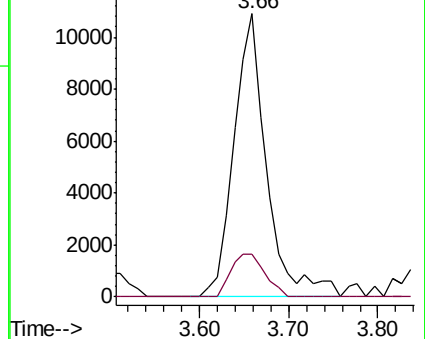
43 100

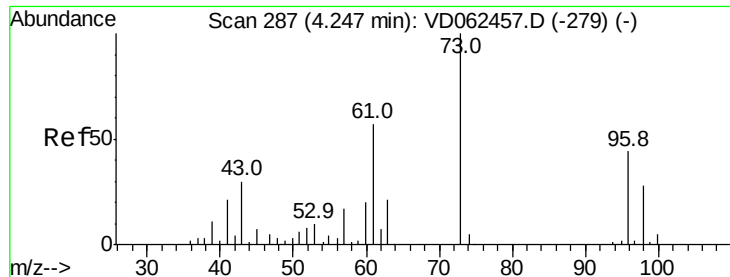
74 14.9 18.0 27.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC



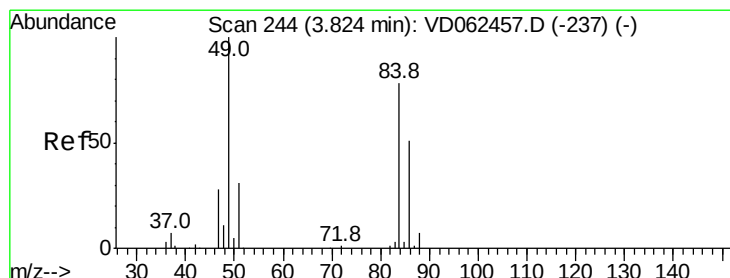
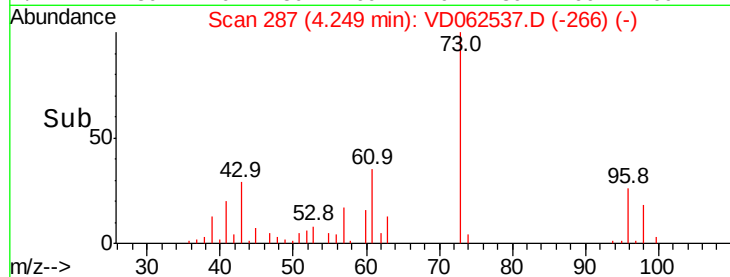
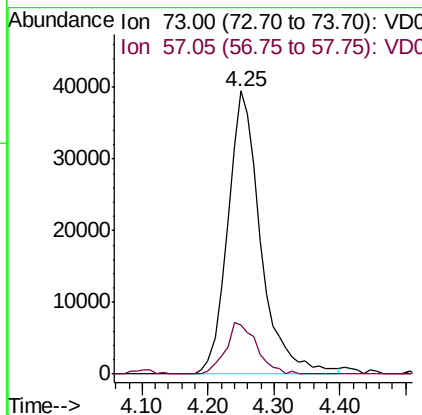
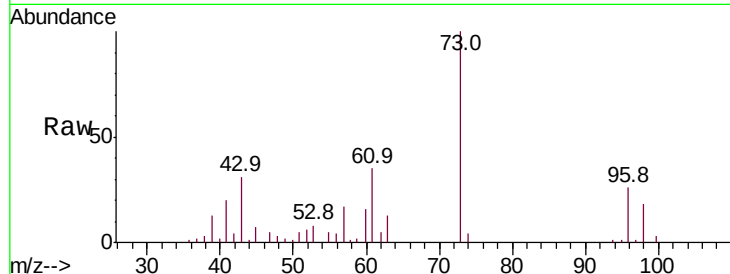


#19

Methyl tert-butyl Ether  
 Concen: 19.657 ug/l  
 RT: 4.25 min Scan# 287  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

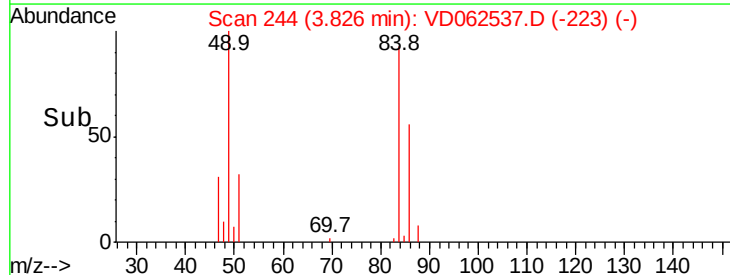
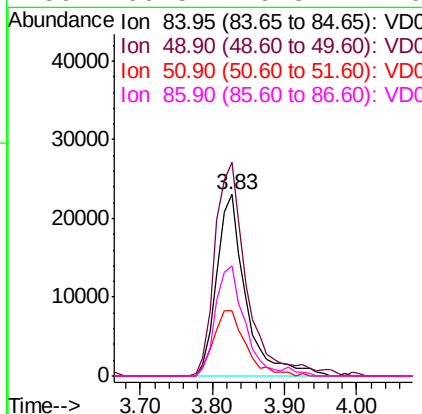
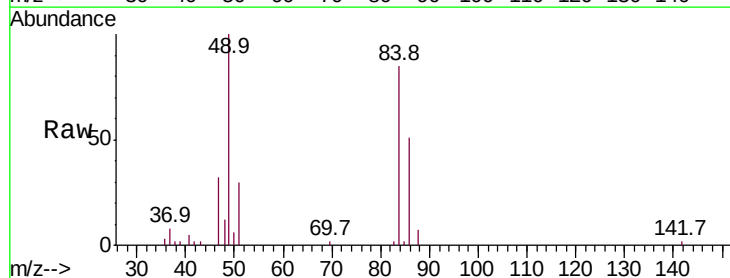
Tot Ion: 73 Resp: 138146  
 Ion Ratio Lower Upper  
 73 100  
 57 18.6 16.3 24.5

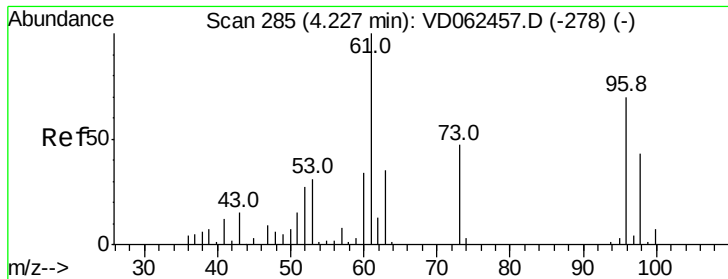


#20

Methylene Chloride  
 Concen: 14.704 ug/l  
 RT: 3.83 min Scan# 244  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 84 Resp: 64290  
 Ion Ratio Lower Upper  
 84 100  
 49 117.6 94.0 141.0  
 51 35.6 29.0 43.4  
 86 60.5 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.743 ug/l

RT: 4.23 min Scan# 285

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

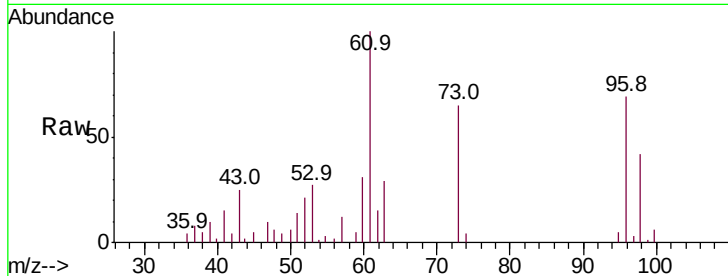
Tot Ion: 96 Resp: 63202

Ion Ratio Lower Upper

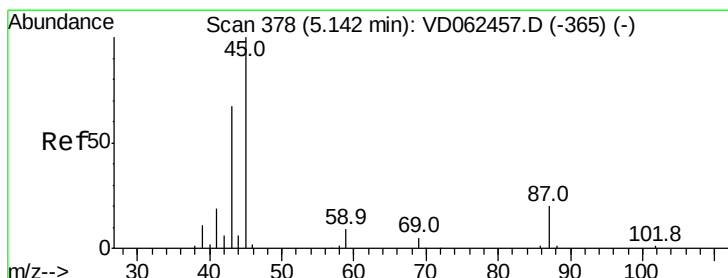
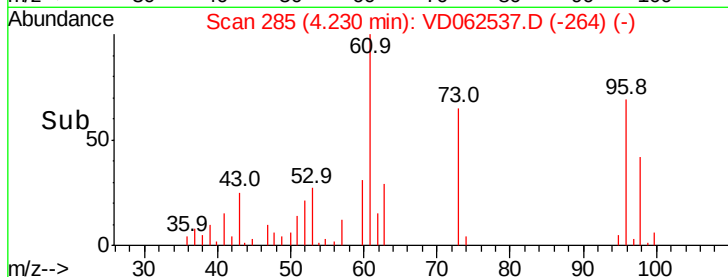
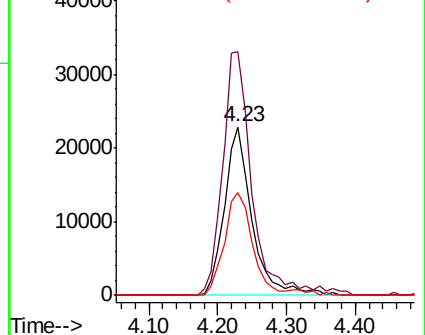
96 100

61 144.7 104.4 156.6

98 61.5 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: 18.265 ug/l

RT: 5.14 min Scan# 377

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Tgt Ion: 45 Resp: 174425

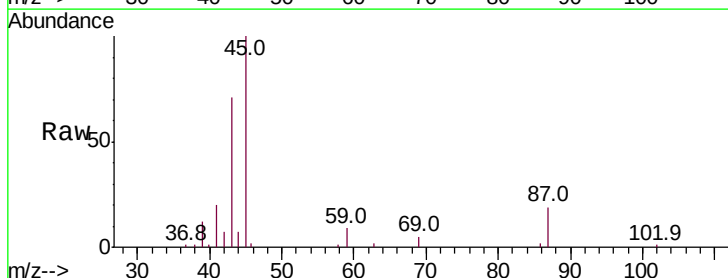
Ion Ratio Lower Upper

45 100

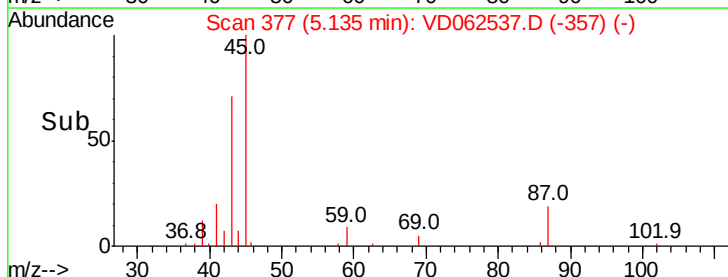
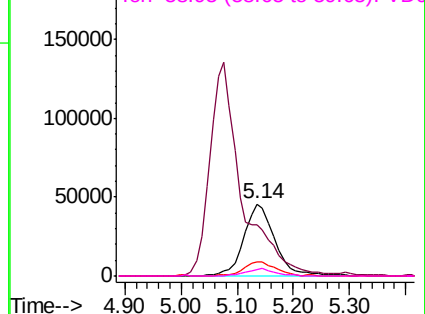
43 69.5 46.2 69.2#

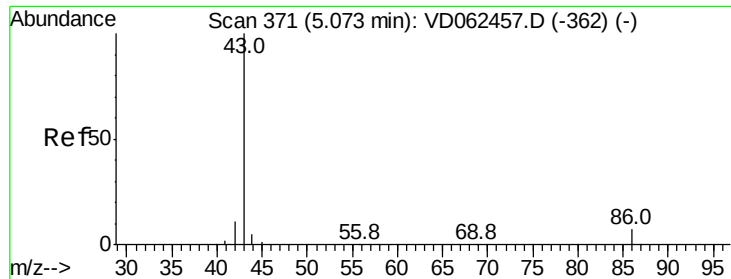
87 18.7 15.9 23.9

59 9.2 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: 92.734 ug/l

RT: 5.08 min Scan# 371

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

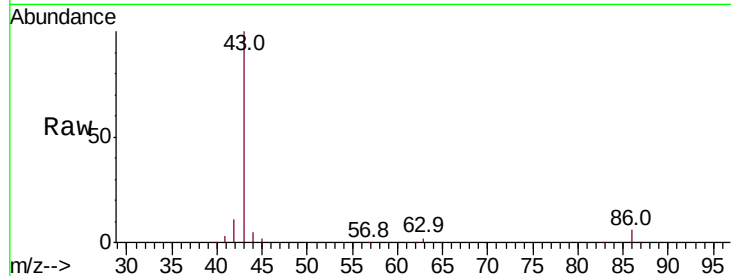
VD0528SBS01

Tot Ion: 43 Resp: 535106

Ion Ratio Lower Upper

43 100

86 6.5 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC

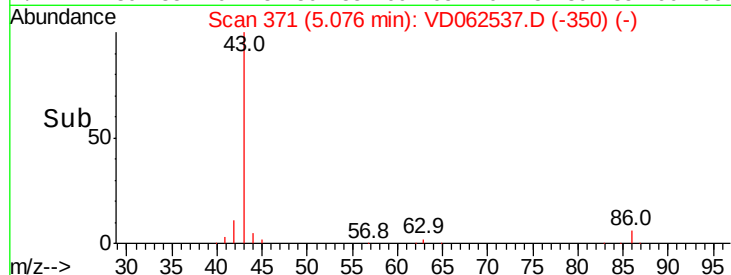
150000

100000

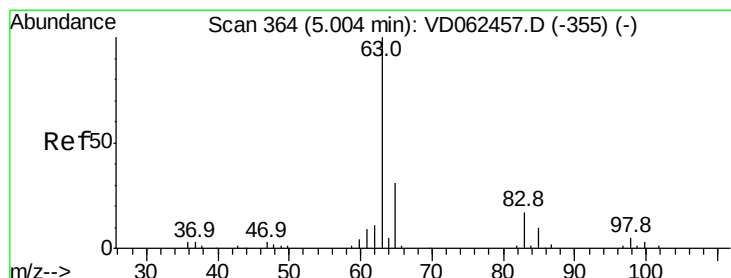
50000

0

Time-->



Time-->



#24

1,1-Dichloroethane

Concen: 17.992 ug/l

RT: 5.00 min Scan# 363

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

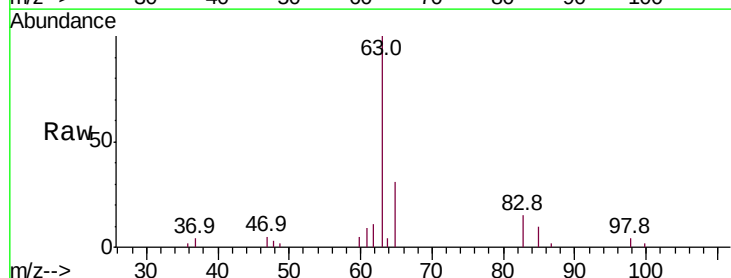
Tgt Ion: 63 Resp: 110658

Ion Ratio Lower Upper

63 100

98 4.4 2.8 8.4

100 2.4 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

40000

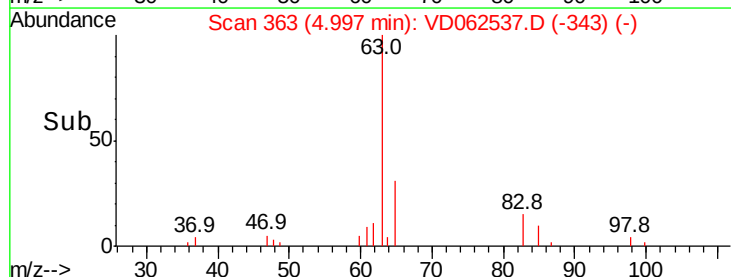
30000

20000

10000

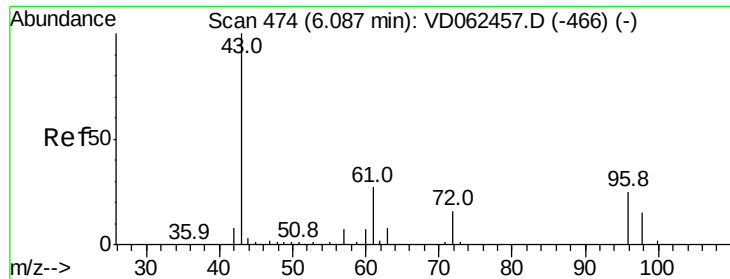
0

Time-->



Time-->





#25

2-Butanone

Concen: 86.154 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

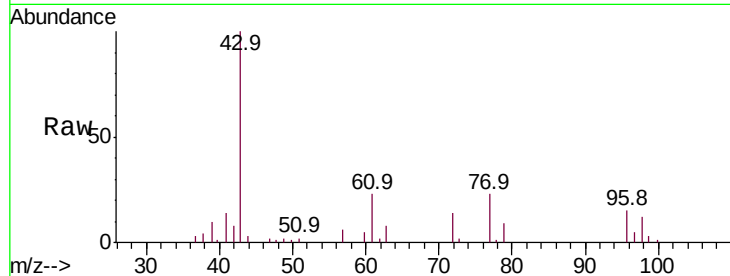
VD0528SBS01

Tot Ion: 43 Resp: 71017

Ion Ratio Lower Upper

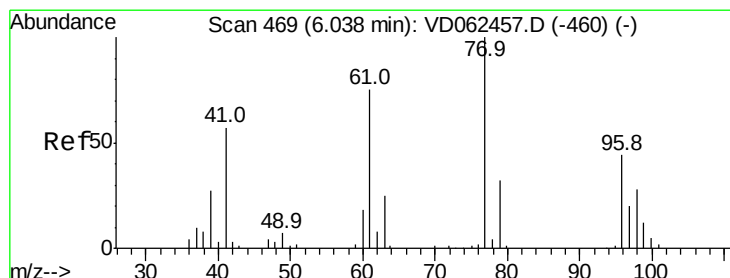
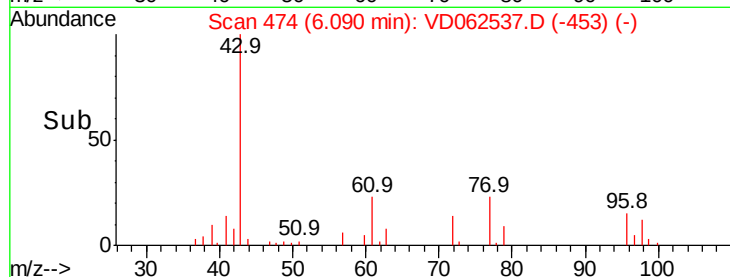
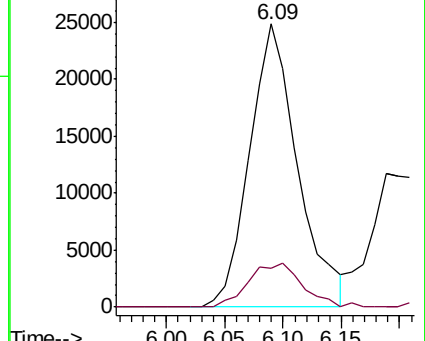
43 100

72 13.8 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: 19.986 ug/l

RT: 6.04 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD062537.D

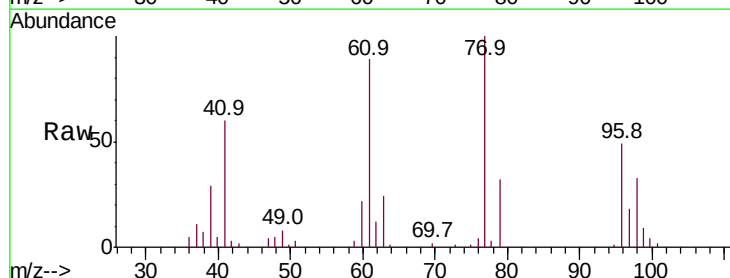
Acq: 28 May 2019 14:31

Tgt Ion: 77 Resp: 132505

Ion Ratio Lower Upper

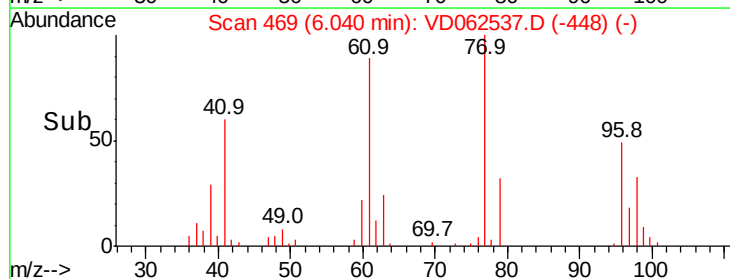
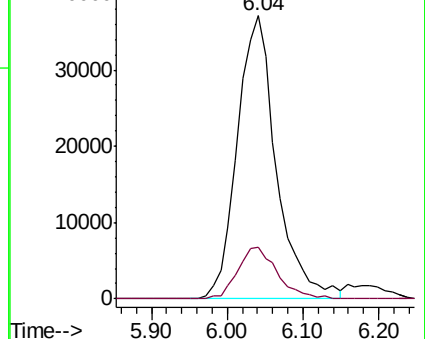
77 100

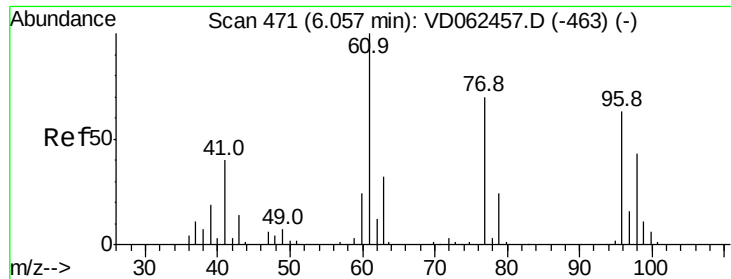
97 18.1 11.9 35.9



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: 17.464 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

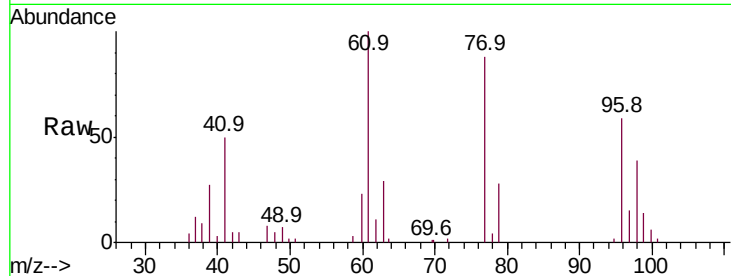
Tot Ion: 96 Resp: 67080

Ion Ratio Lower Upper

96 100

61 169.1 0.0 279.8

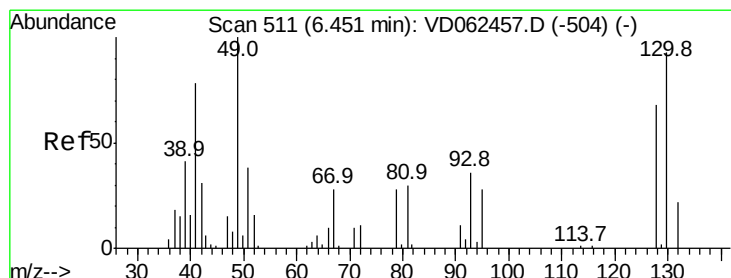
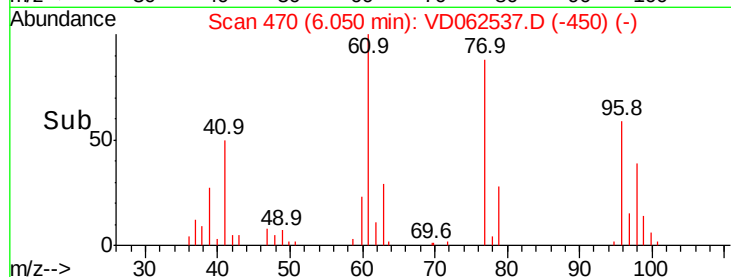
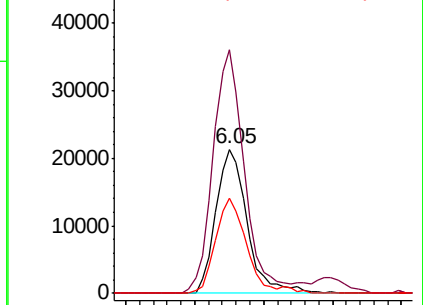
98 66.0 0.0 136.0



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: 17.462 ug/l

RT: 6.45 min Scan# 511

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

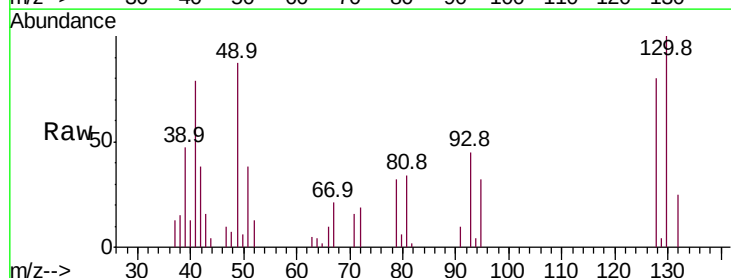
Tgt Ion: 49 Resp: 38545

Ion Ratio Lower Upper

49 100

129 5.0 0.0 6.6

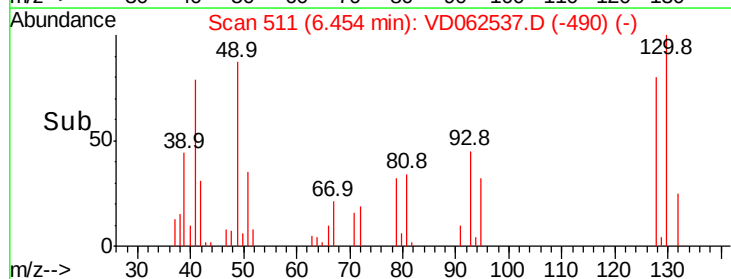
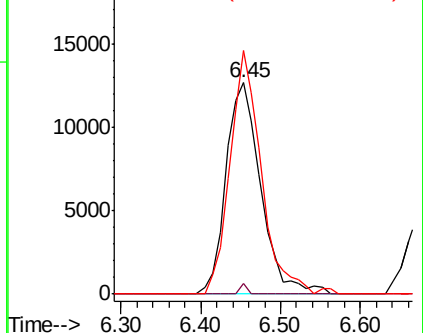
130 115.1 86.7 130.1

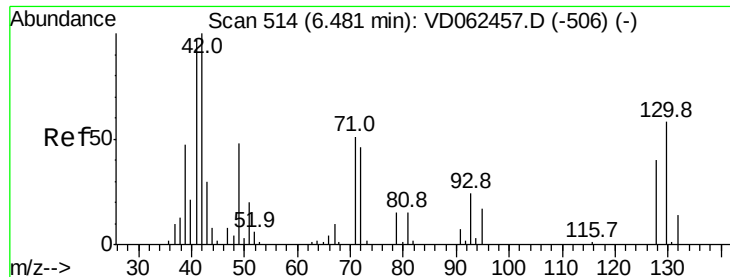


Abundance Ion 48.90 (48.60 to 49.60): VDC

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 88.842 ug/l

RT: 6.47 min Scan# 513

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

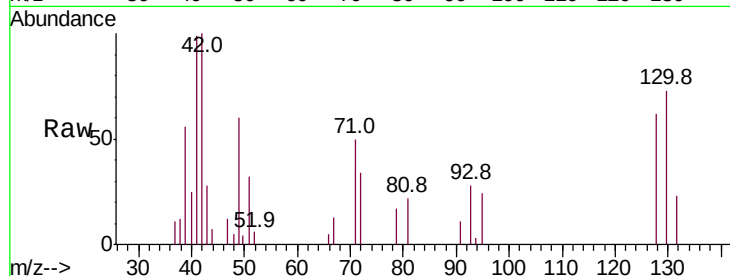
Tot Ion: 42 Resp: 34975

Ion Ratio Lower Upper

42 100

72 42.8 37.8 56.6

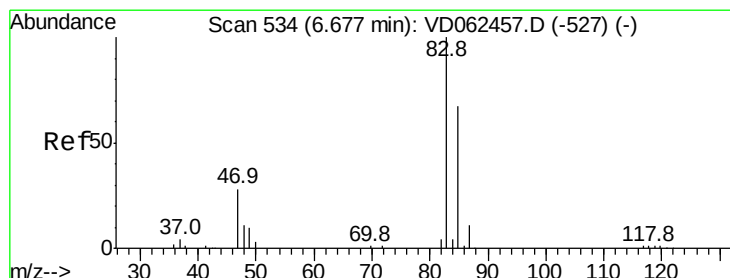
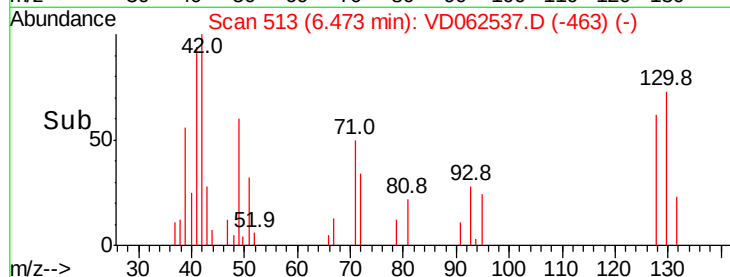
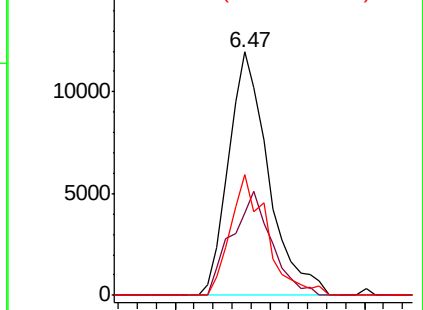
71 45.9 36.7 55.1



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: 18.673 ug/l

RT: 6.68 min Scan# 534

Delta R.T. 0.00 min

Lab File: VD062537.D

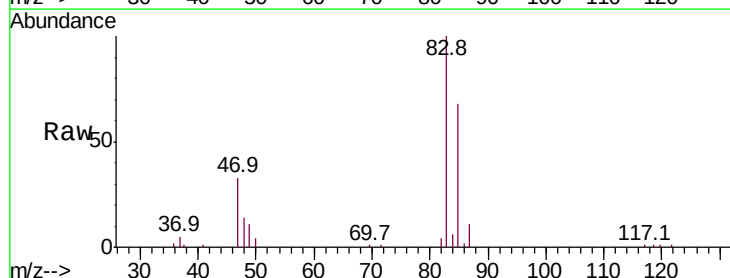
Acq: 28 May 2019 14:31

Tgt Ion: 83 Resp: 146410

Ion Ratio Lower Upper

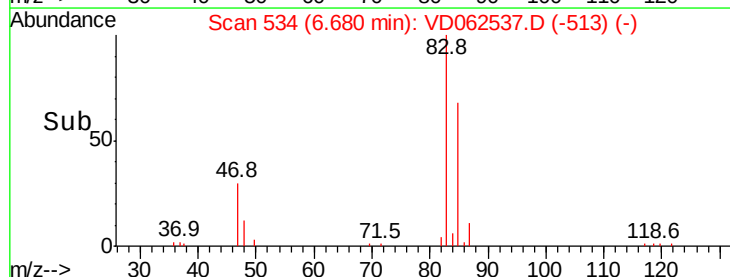
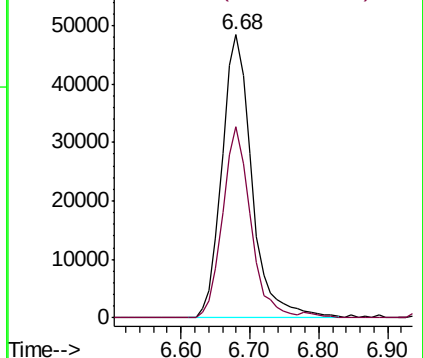
83 100

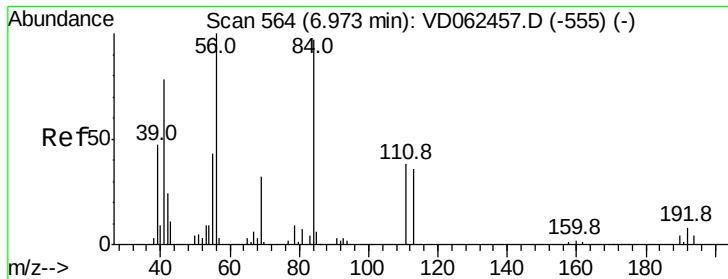
85 67.6 51.7 77.5



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

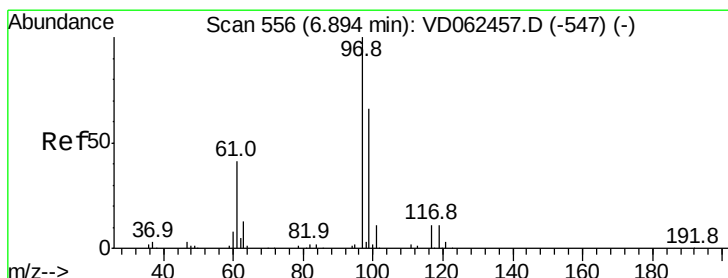
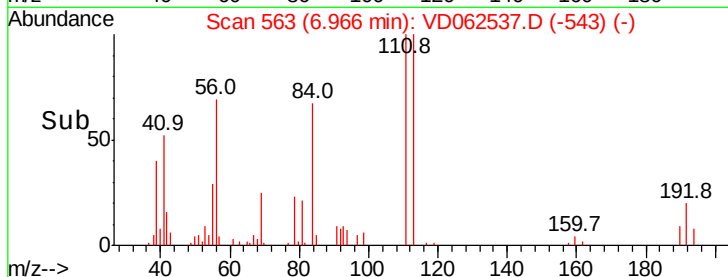
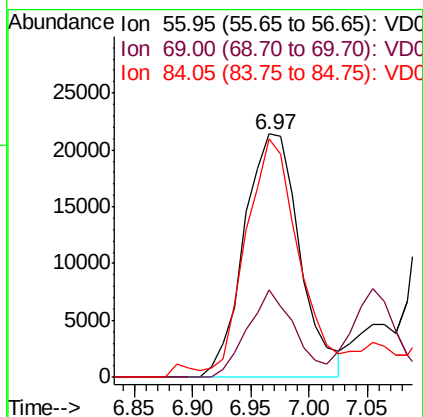
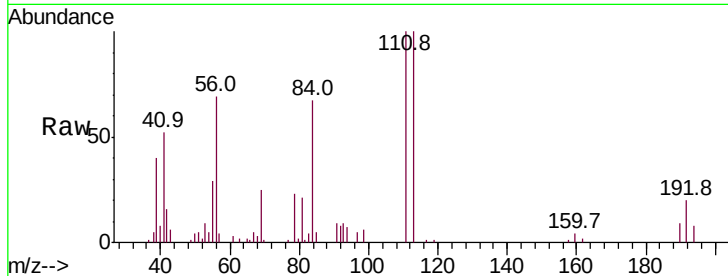




#31  
Cyclohexane  
Concen: 16.989 ug/l  
RT: 6.97 min Scan# 563  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

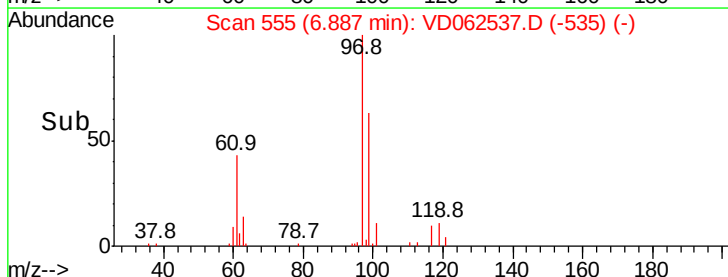
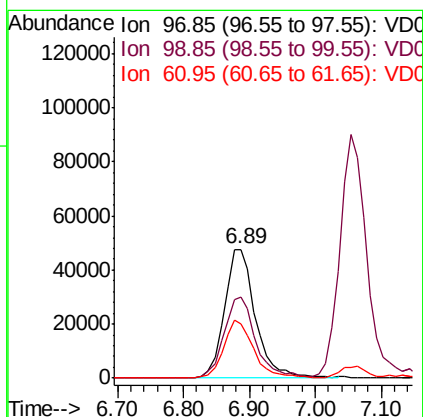
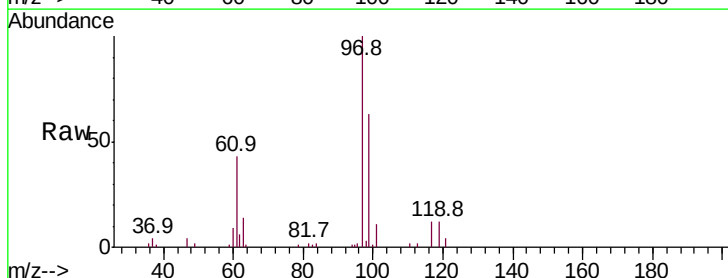
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

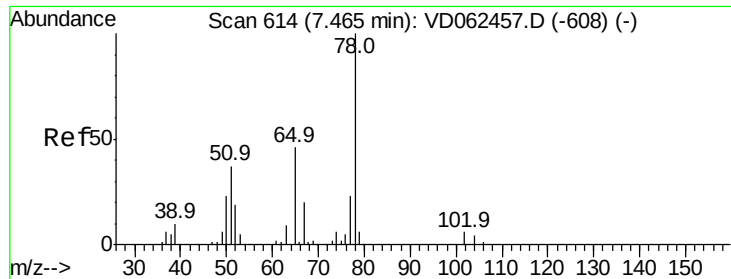
Tot Ion: 56 Resp: 70549  
Ion Ratio Lower Upper  
56 100  
69 36.0 25.8 38.6  
84 97.9 72.2 108.4



#32  
1,1,1-Trichloroethane  
Concen: 19.797 ug/l  
RT: 6.89 min Scan# 555  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion: 97 Resp: 156711  
Ion Ratio Lower Upper  
97 100  
99 62.9 52.2 78.2  
61 42.6 32.4 48.6





#33

1,2-Dichloroethane-d4

Concen: 57.907 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

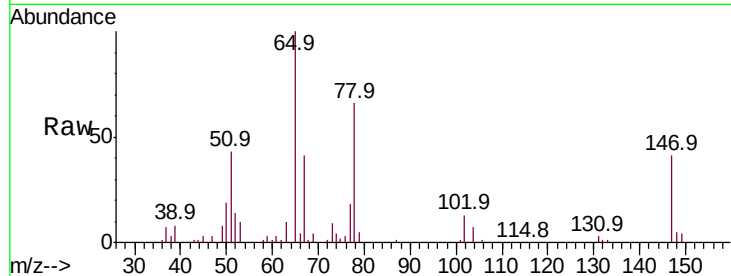
VD0528SBS01

Tot Ion: 65 Resp: 254677

Ion Ratio Lower Upper

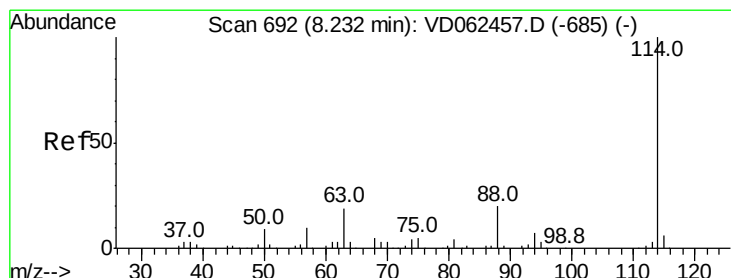
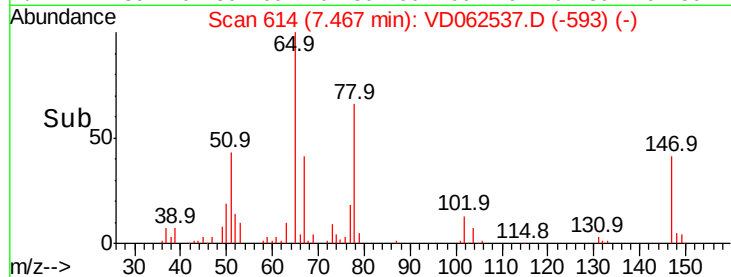
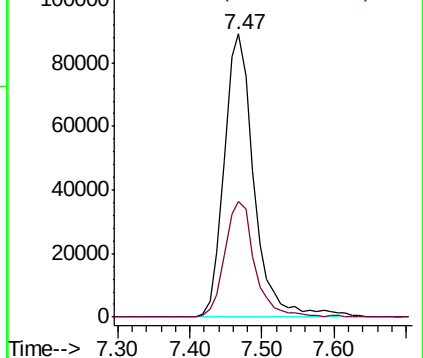
65 100

67 41.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

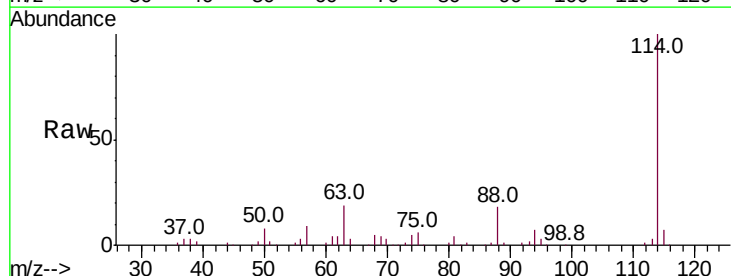
Tgt Ion: 114 Resp: 532117

Ion Ratio Lower Upper

114 100

63 18.9 0.0 32.4

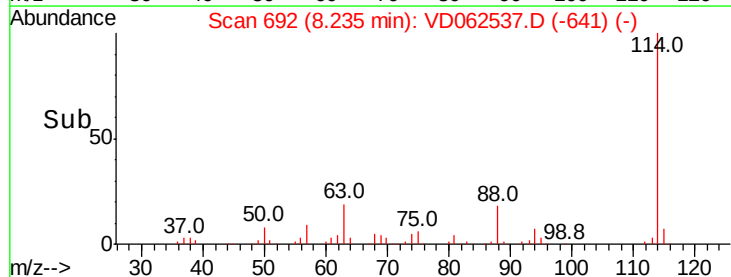
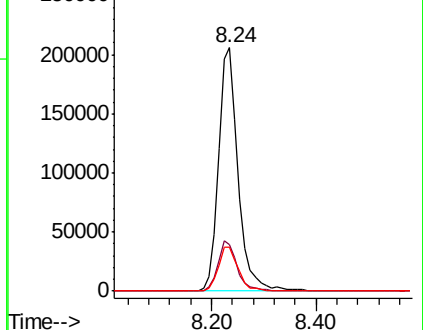
88 18.0 0.0 33.6

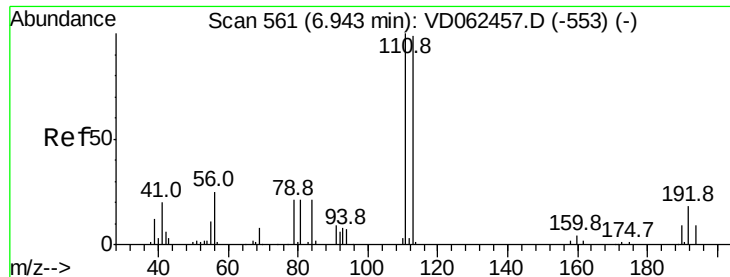


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 53.169 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

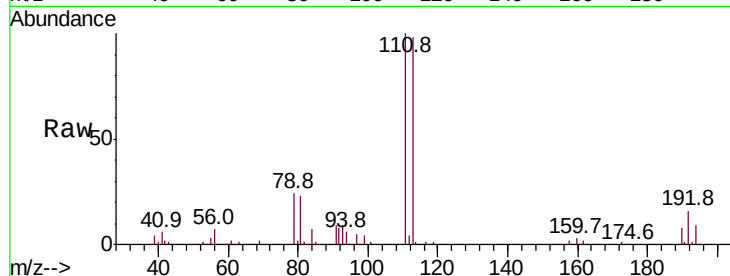
Tot Ion:113 Resp: 255231

Ion Ratio Lower Upper

113 100

111 101.9 78.5 117.7

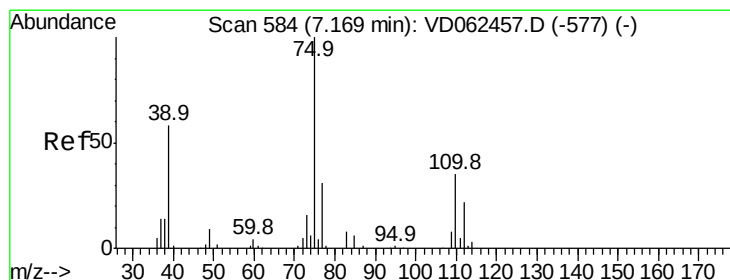
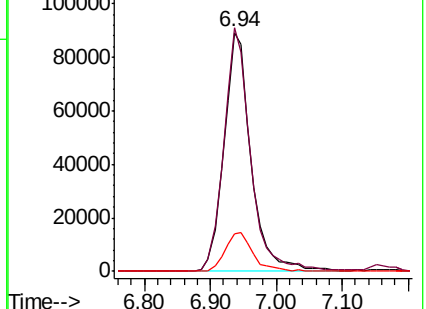
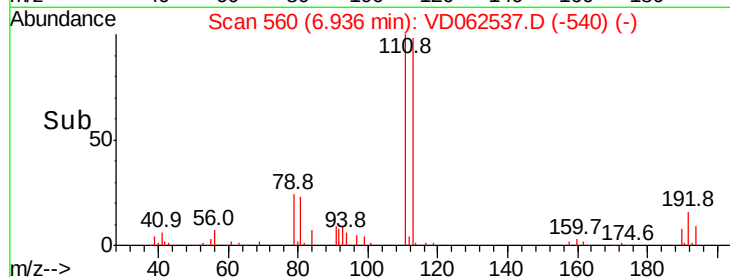
192 15.8 13.0 19.4



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: 18.998 ug/l

RT: 7.16 min Scan# 583

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

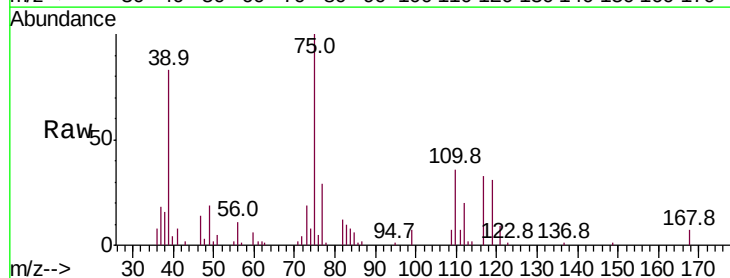
Tgt Ion: 75 Resp: 96649

Ion Ratio Lower Upper

75 100

110 35.7 19.1 57.1

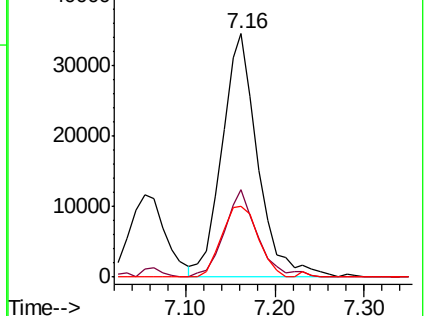
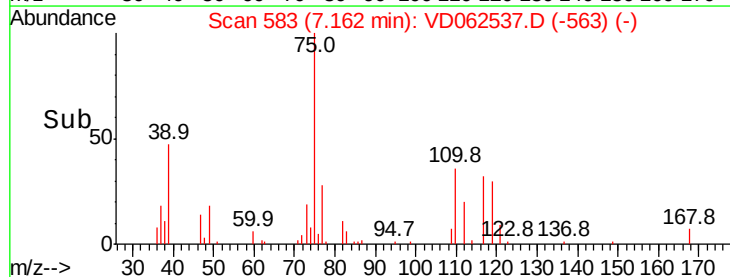
77 28.9 25.6 38.4

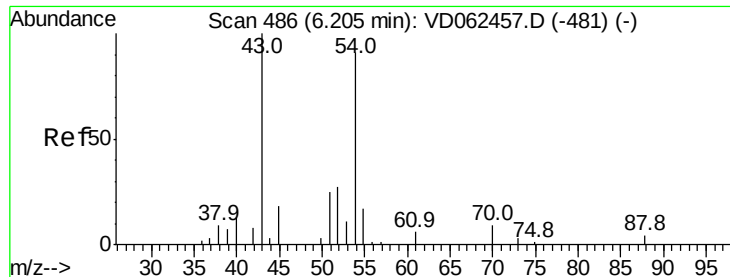


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

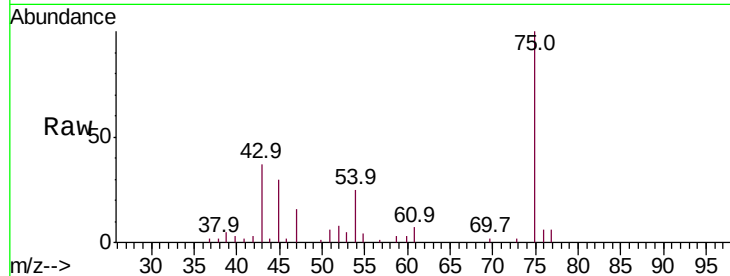




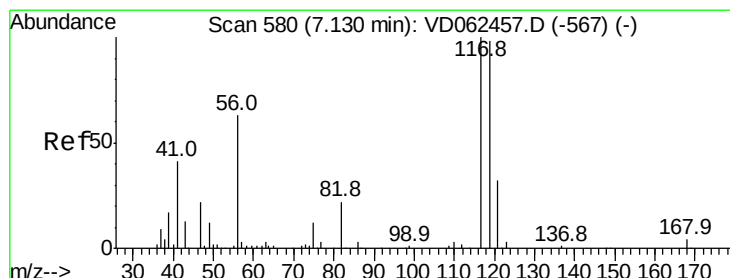
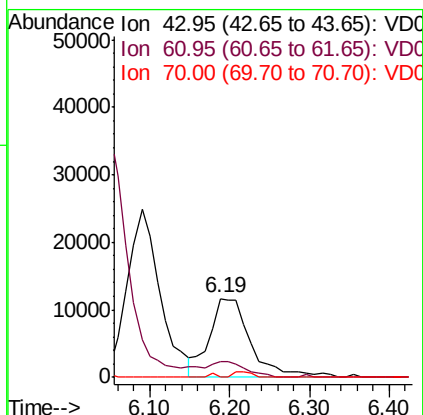
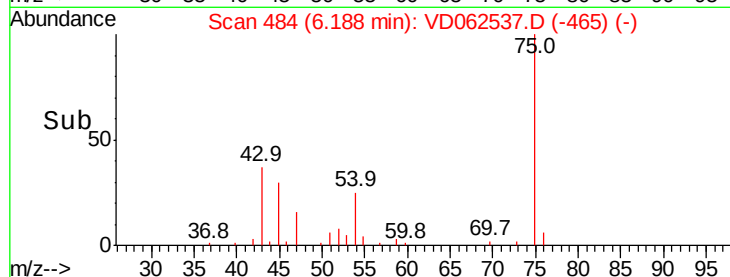
#37  
Ethyl Acetate  
Concen: 21.472 ug/l  
RT: 6.19 min Scan# 484  
Delta R.T. -0.02 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Tot Ion: 43 Resp: 42437  
Ion Ratio Lower Upper  
43 100  
61 19.2 14.7 22.1  
70 0.0 7.8 11.6#

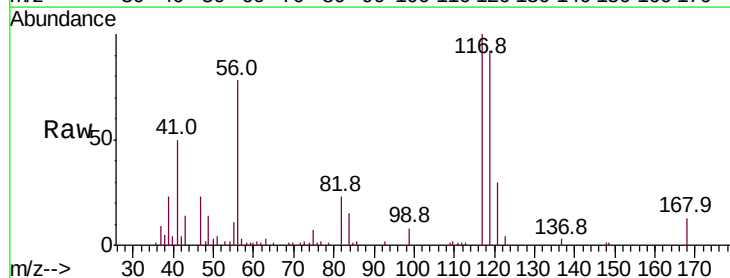


Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 70.00 (69.70 to 70.70): VDC

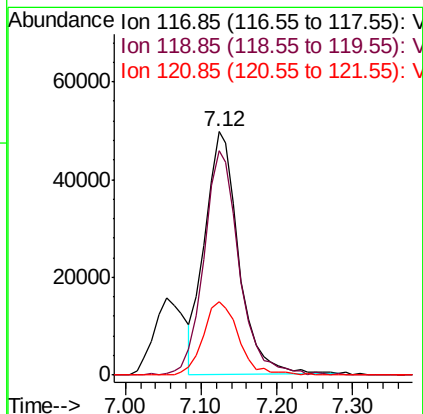
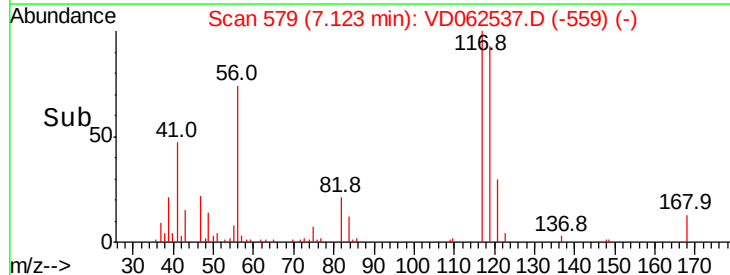


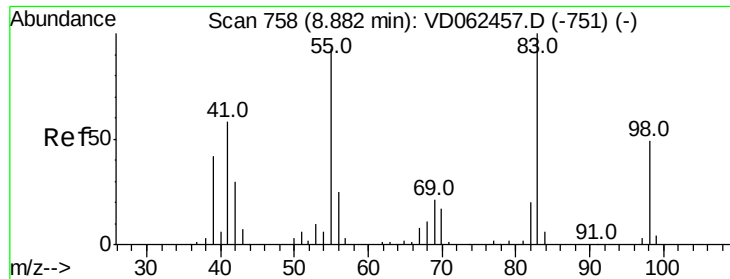
#38  
Carbon Tetrachloride  
Concen: 20.486 ug/l  
RT: 7.12 min Scan# 579  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion: 117 Resp: 154891  
Ion Ratio Lower Upper  
117 100  
119 92.3 75.8 113.8  
121 30.0 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

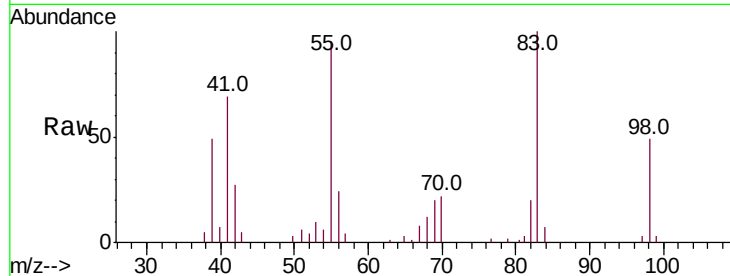




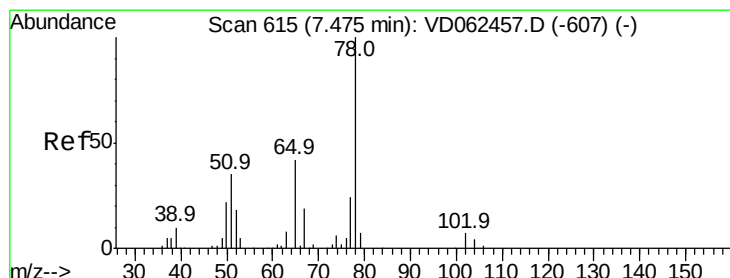
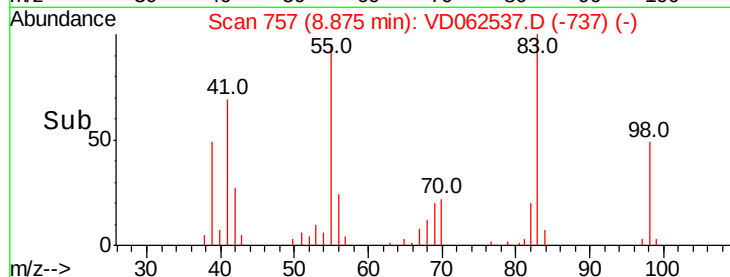
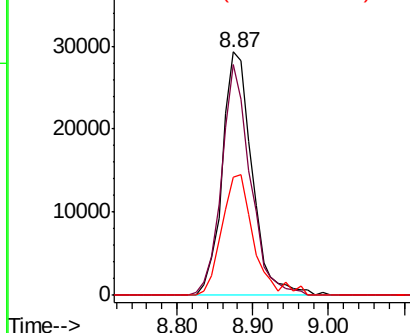
#39  
Methvlcvclohexane  
Concen: 18.996 ug/l  
RT: 8.87 min Scan# 757  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Tot Ion: 83 Resp: 79711  
Ion Ratio Lower Upper  
83 100  
55 95.1 68.2 102.4  
98 48.5 38.2 57.4

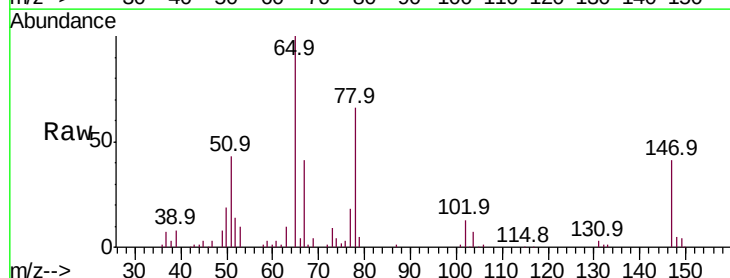


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

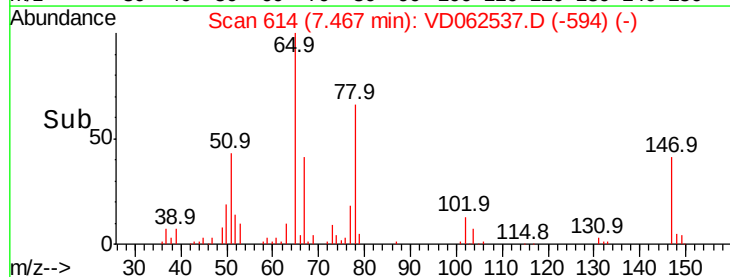
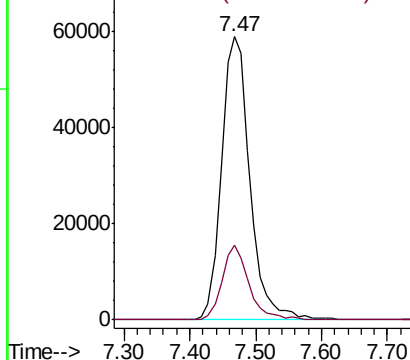


#40  
Benzene  
Concen: 17.719 ug/l  
RT: 7.47 min Scan# 614  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

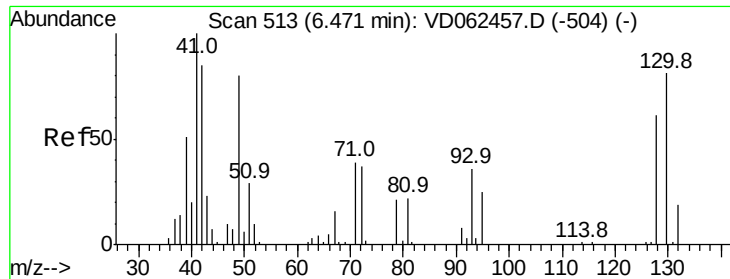
Tgt Ion: 78 Resp: 176816  
Ion Ratio Lower Upper  
78 100  
77 26.6 19.7 29.5



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



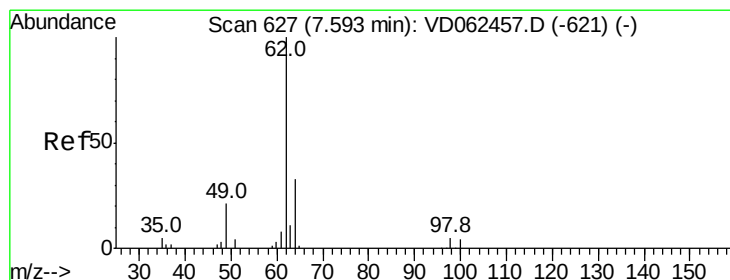
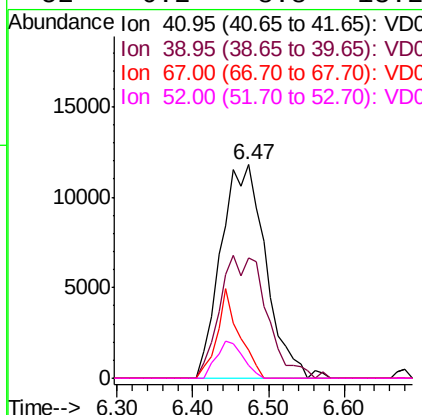
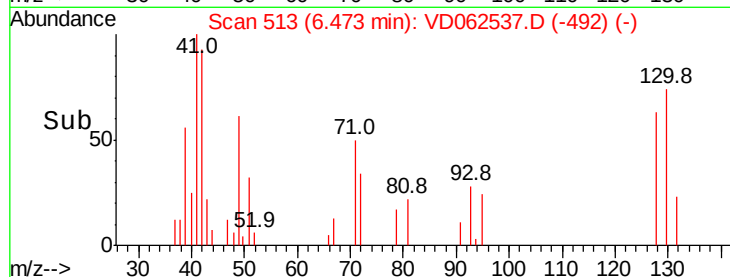
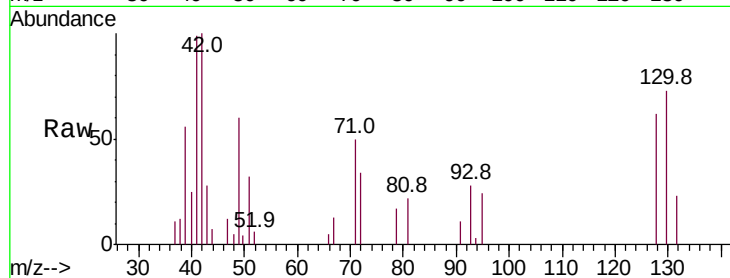




#41  
Methacrylonitrile  
Concen: 19.518 ug/l  
RT: 6.47 min Scan# 513  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

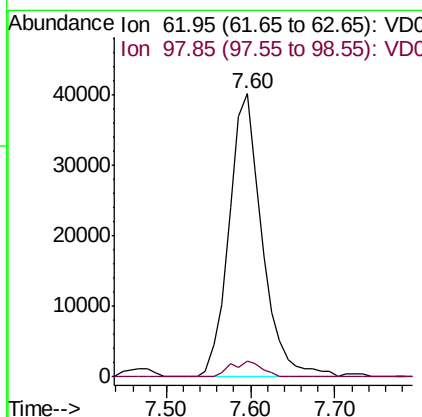
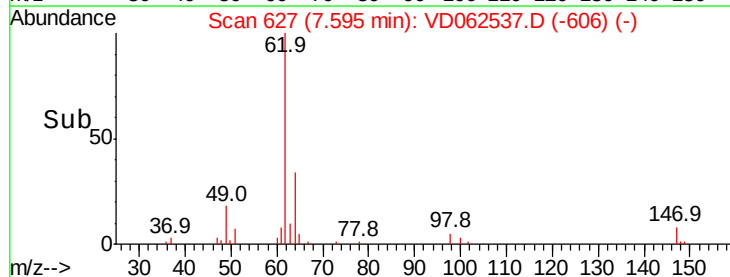
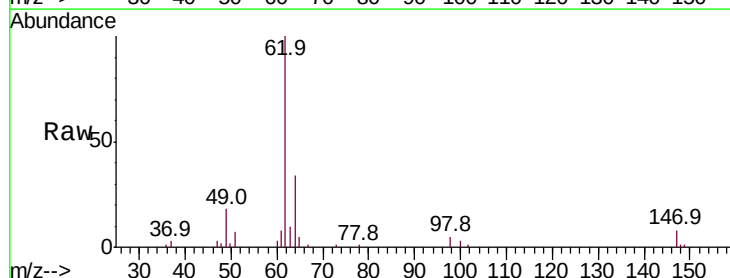
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

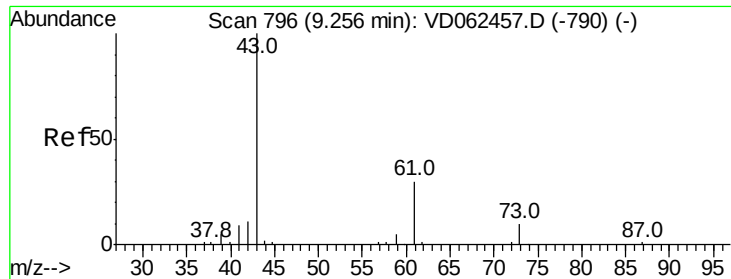
Tot Ion: 41 Resp: 48448  
Ion Ratio Lower Upper  
41 100  
39 56.4 34.1 51.1#  
67 13.5 23.8 35.6#  
52 6.2 8.8 13.2#



#42  
1,2-Dichloroethane  
Concen: 20.675 ug/l  
RT: 7.60 min Scan# 627  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion: 62 Resp: 109252  
Ion Ratio Lower Upper  
62 100  
98 5.4 0.0 17.8





#43

Isopropyl Acetate

Concen: 18.440 ug/l

RT: 9.25 min Scan# 795

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

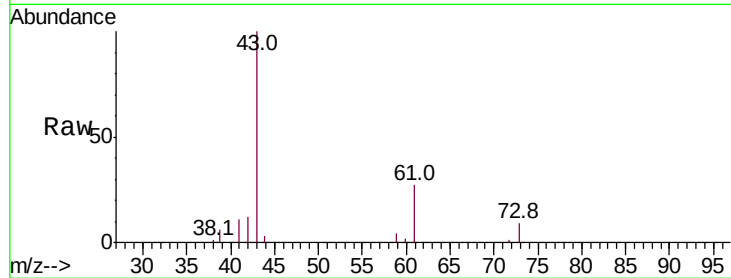
Tot Ion: 43 Resp: 48348

Ion Ratio Lower Upper

43 100

61 26.7 25.1 37.7

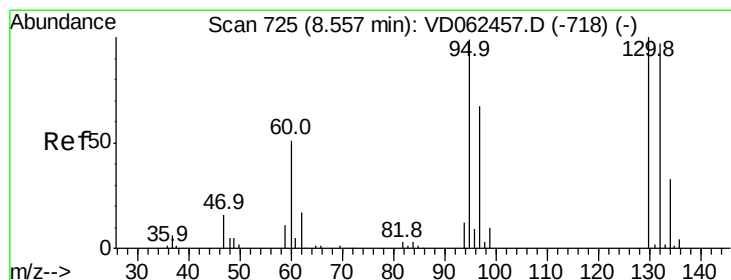
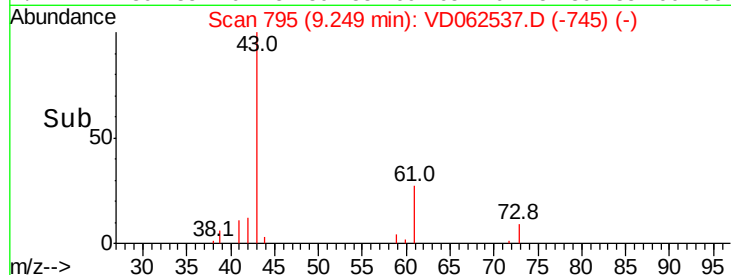
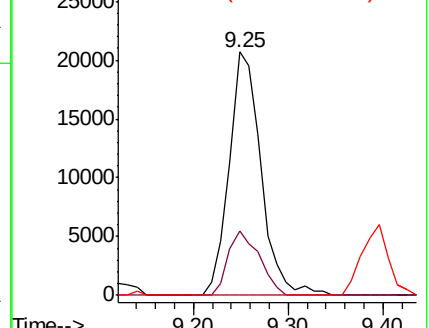
87 0.0 0.0 0.0



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: 18.617 ug/l

RT: 8.55 min Scan# 724

Delta R.T. -0.01 min

Lab File: VD062537.D

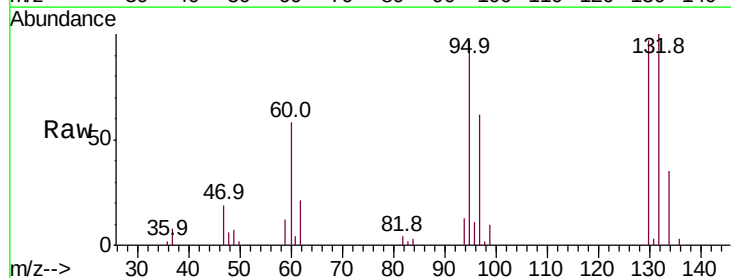
Acq: 28 May 2019 14:31

Tgt Ion:130 Resp: 74386

Ion Ratio Lower Upper

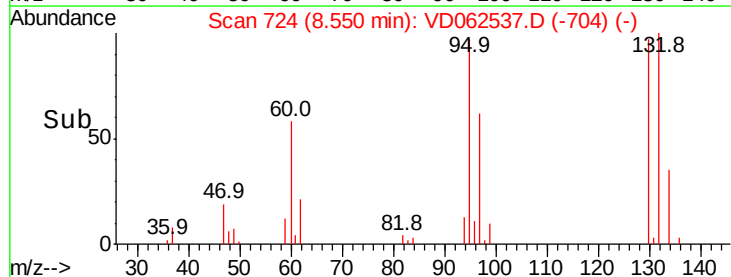
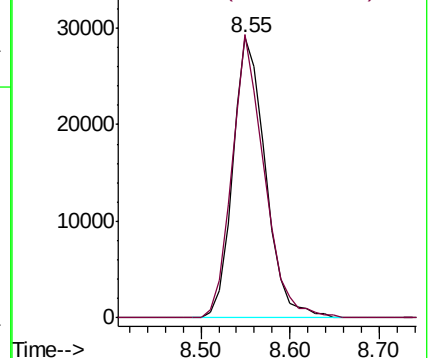
130 100

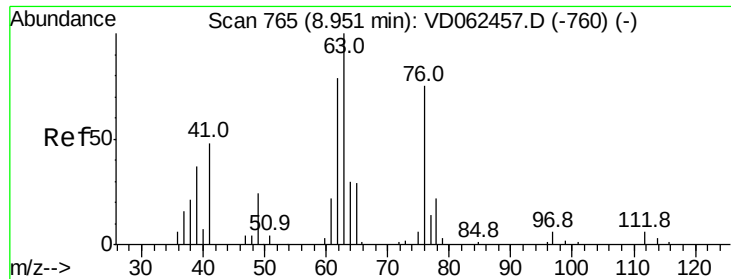
95 100.9 0.0 174.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC

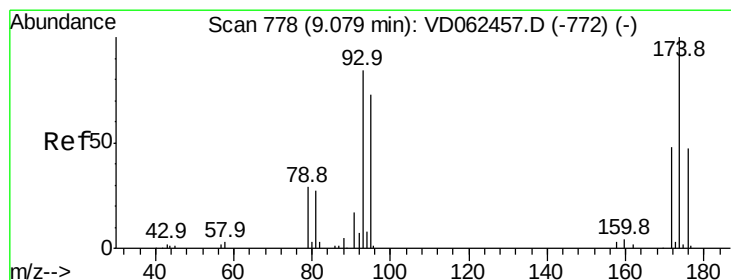
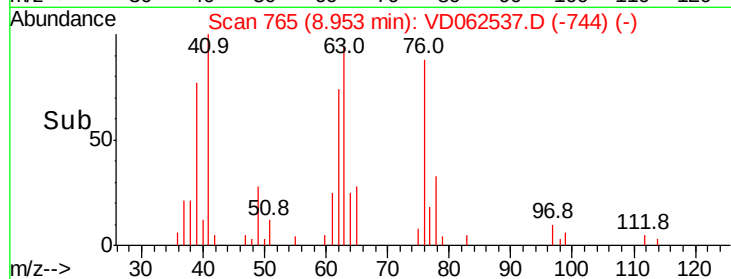
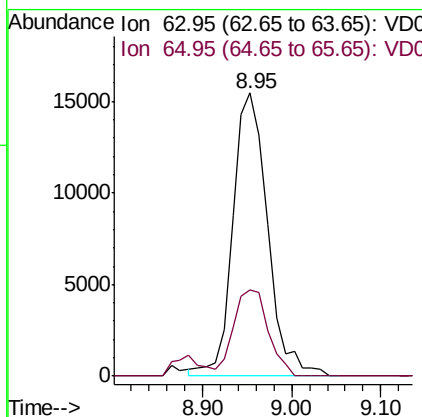
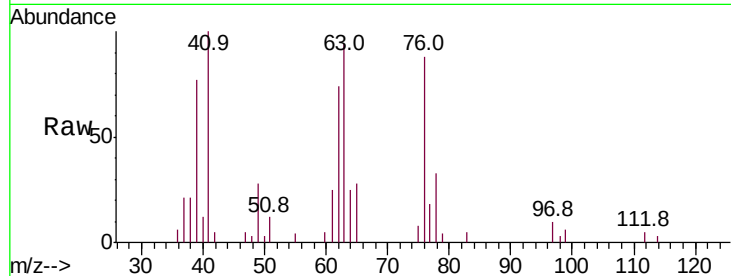




#45  
 1,2-Dichloropropane  
 Concen: 17.319 ug/l  
 RT: 8.95 min Scan# 765  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

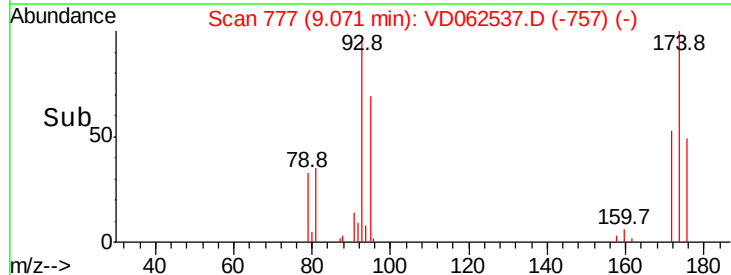
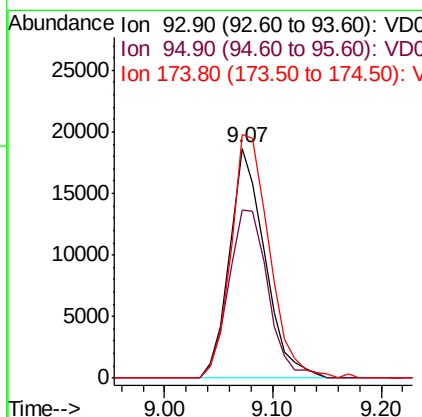
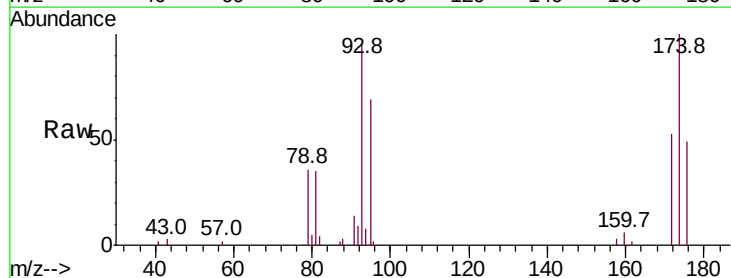
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

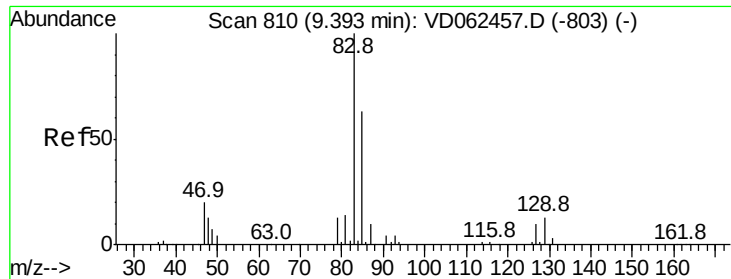
Tot Ion: 63 Resp: 42117  
 Ion Ratio Lower Upper  
 63 100  
 65 30.4 23.8 35.6



#46  
 Dibromomethane  
 Concen: 19.253 ug/l  
 RT: 9.07 min Scan# 777  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 93 Resp: 42442  
 Ion Ratio Lower Upper  
 93 100  
 95 73.2 64.8 97.2  
 174 105.8 79.3 118.9





#47

Bromodichloromethane

Concen: 21.031 ug/l

RT: 9.39 min Scan# 809

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

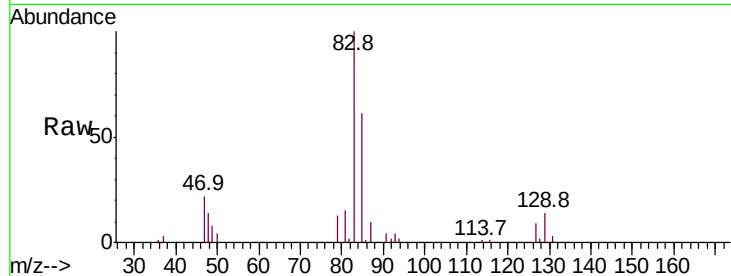
Tot Ion: 83 Resp: 117937

Ion Ratio Lower Upper

83 100

85 60.7 50.9 76.3

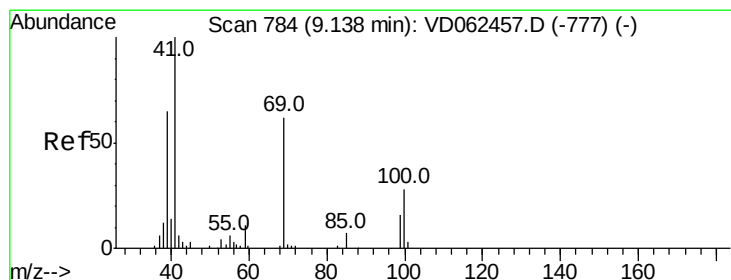
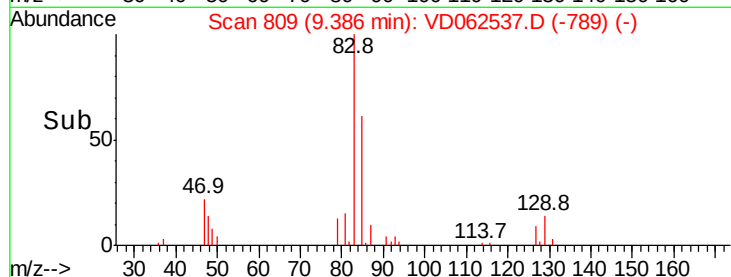
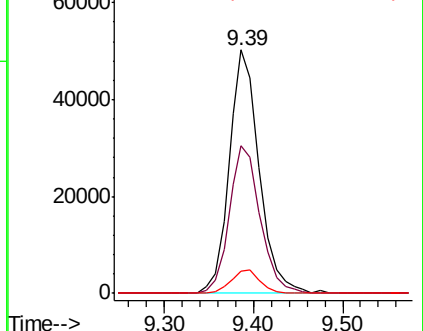
127 9.1 8.1 12.1



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: 19.566 ug/l

RT: 9.13 min Scan# 783

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

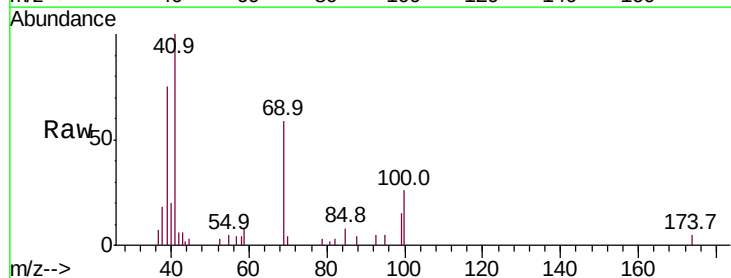
Tgt Ion: 41 Resp: 34522

Ion Ratio Lower Upper

41 100

69 58.9 64.2 96.2#

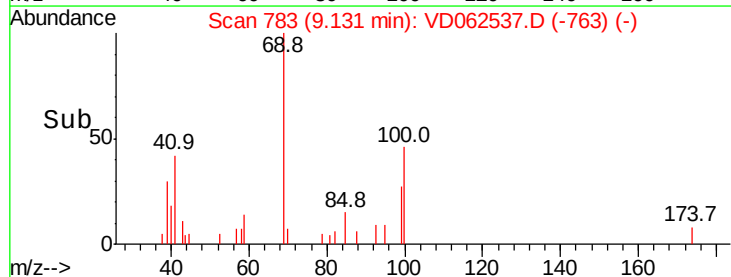
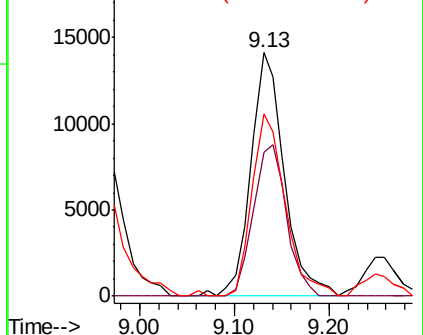
39 74.9 46.8 70.2#

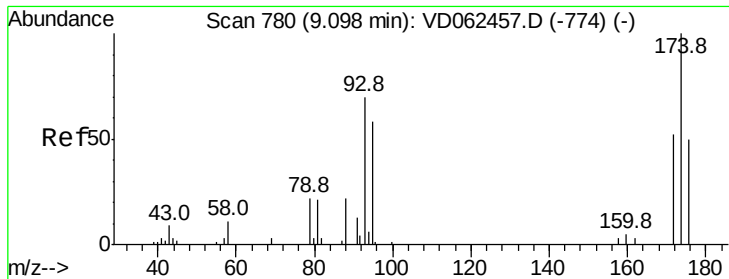


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

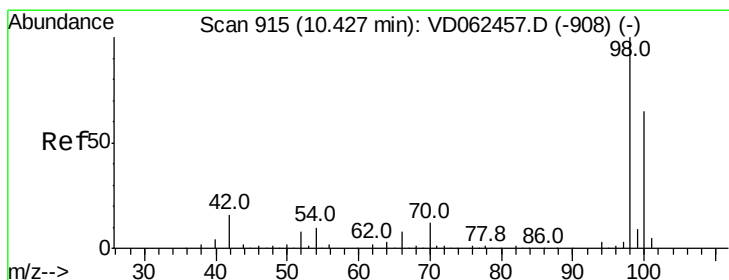
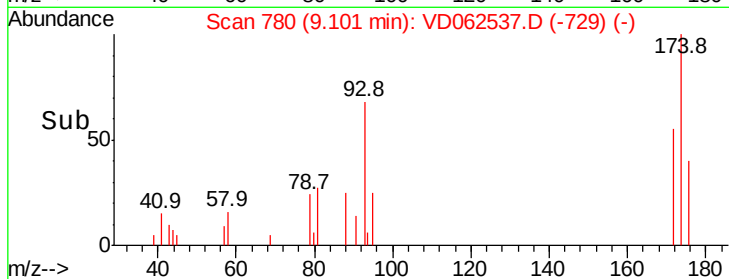
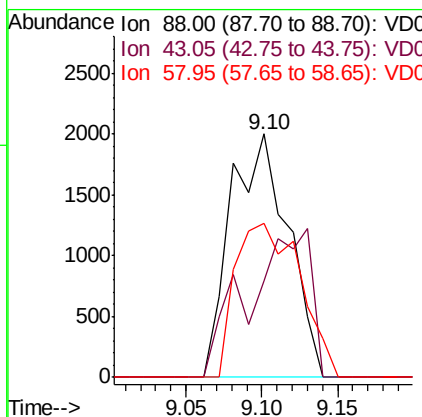
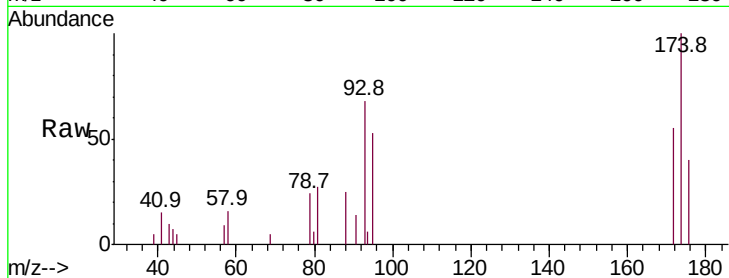




#49  
 1,4-Dioxane  
 Concen: 335.462 ug/l  
 RT: 9.10 min Scan# 780  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

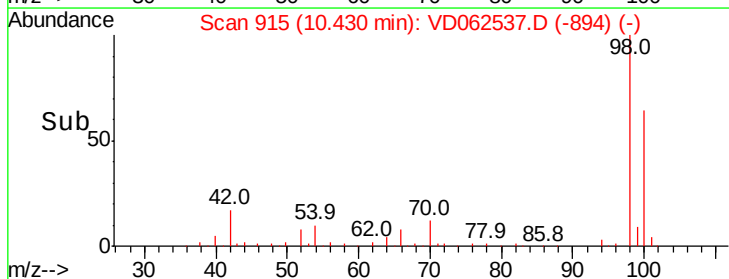
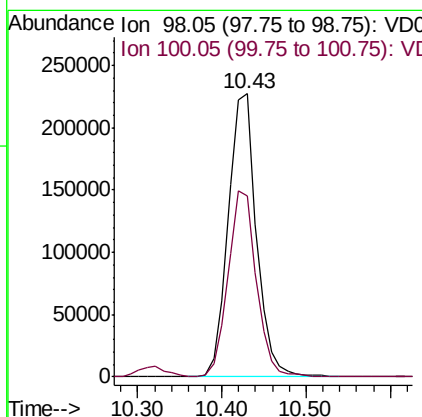
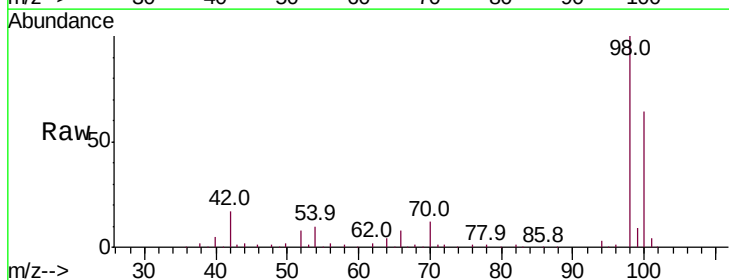
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

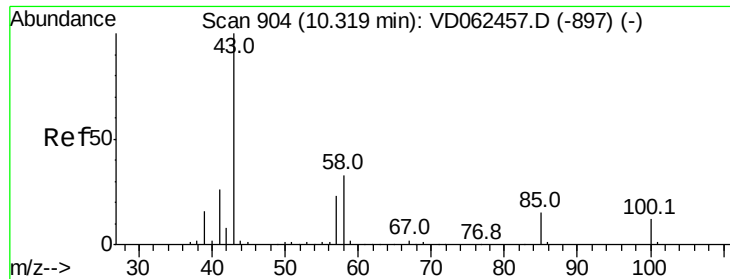
Tot Ion: 88 Resp: 5309  
 Ion Ratio Lower Upper  
 88 100  
 43 39.5 23.4 35.0#  
 58 63.2 44.0 66.0



#50  
 Toluene-d8  
 Concen: 50.566 ug/l  
 RT: 10.43 min Scan# 915  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 98 Resp: 531202  
 Ion Ratio Lower Upper  
 98 100  
 100 64.1 53.8 80.8





#51

4-Methyl-2-Pentanone

Concen: 101.144 ug/l

RT: 10.31 min Scan# 903

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

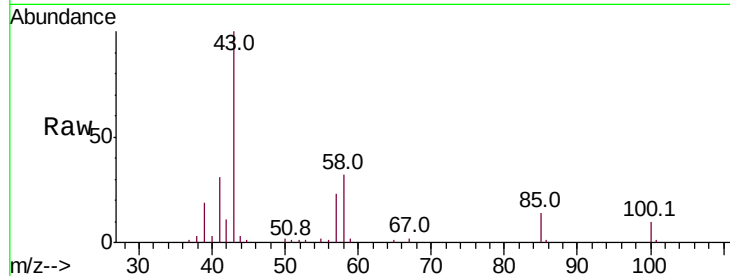
VD0528SBS01

Tot Ion: 43 Resp: 175188

Ion Ratio Lower Upper

43 100

58 31.8 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

80000

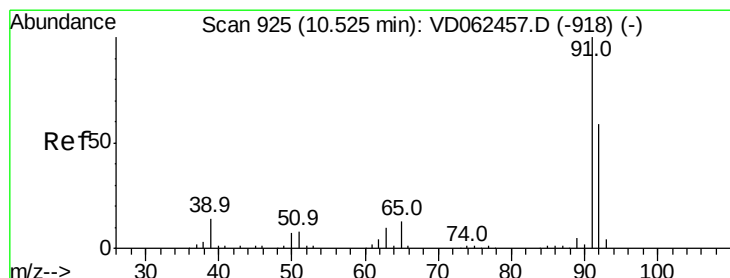
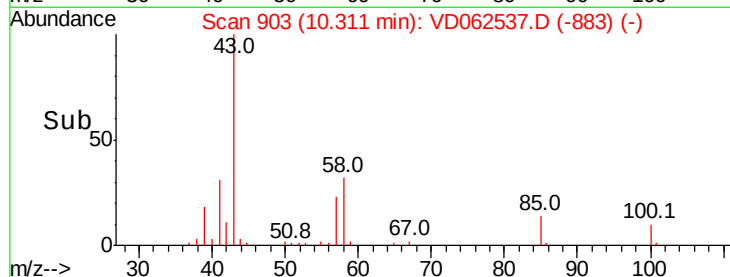
60000

40000

20000

0

Time--> 10.20 10.30 10.40



#52

Toluene

Concen: 18.207 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: VD062537.D

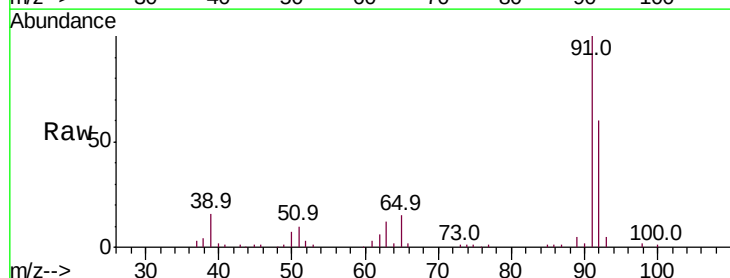
Acq: 28 May 2019 14:31

Tgt Ion: 92 Resp: 124384

Ion Ratio Lower Upper

92 100

91 167.5 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

100000

80000

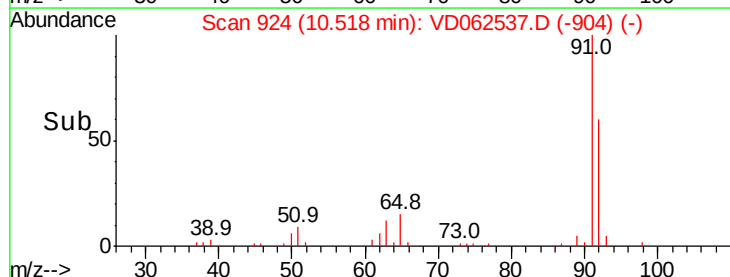
60000

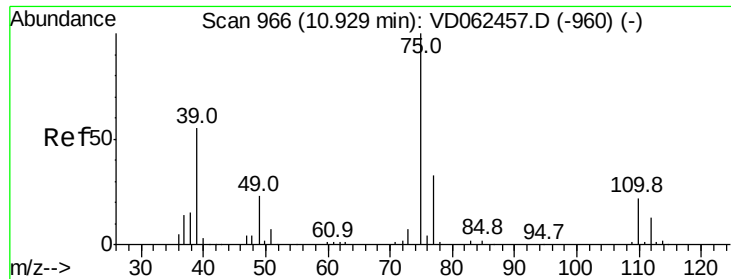
40000

20000

0

Time--> 10.40 10.50 10.60

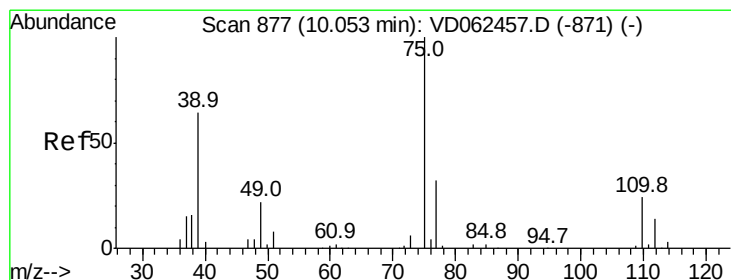
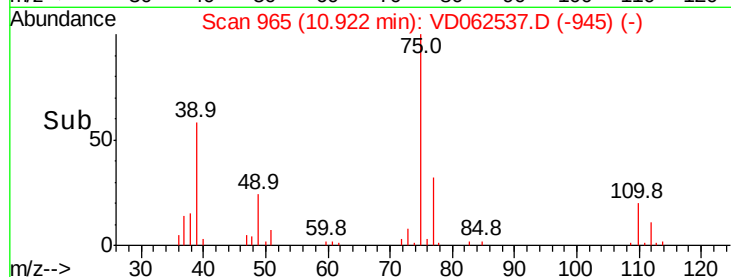
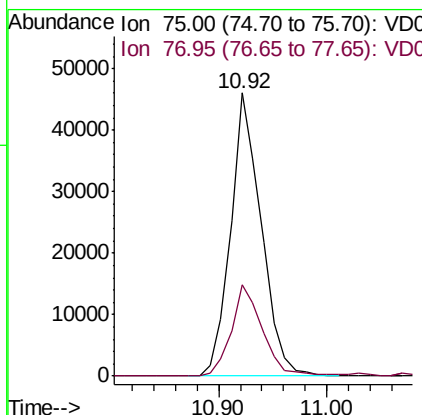
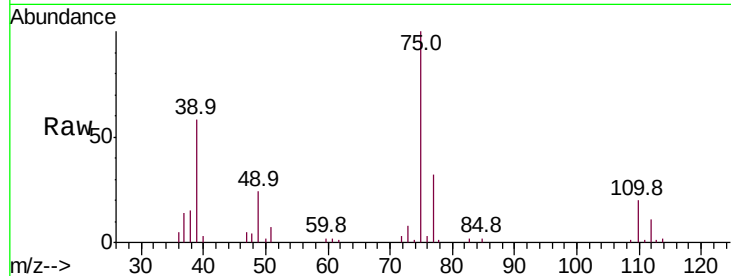




#53  
 t-1,3-Dichloropropene  
 Concen: 19.346 ug/l  
 RT: 10.92 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

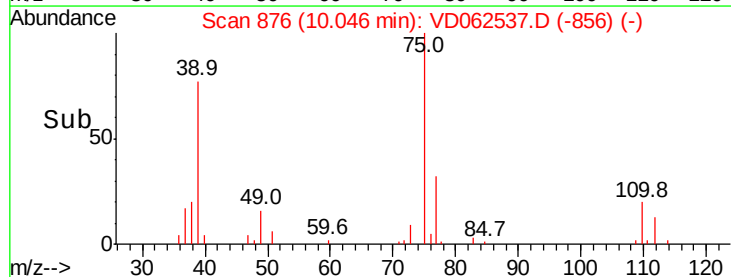
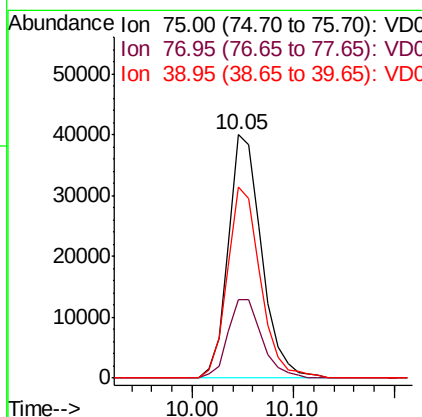
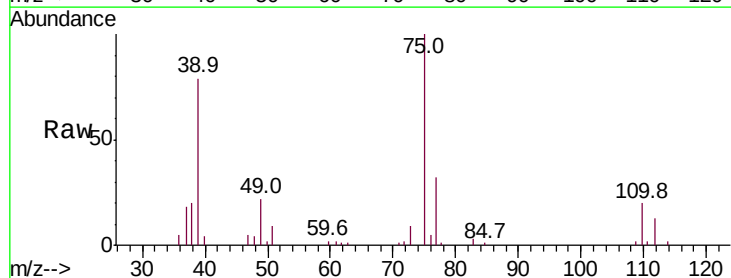
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

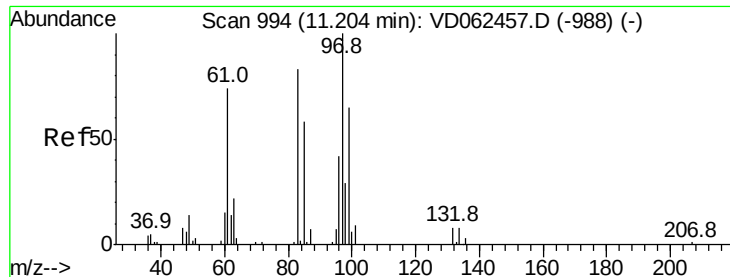
Tot Ion: 75 Resp: 90321  
 Ion Ratio Lower Upper  
 75 100  
 77 32.1 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 18.786 ug/l  
 RT: 10.05 min Scan# 876  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 75 Resp: 91519  
 Ion Ratio Lower Upper  
 75 100  
 77 32.4 25.5 38.3  
 39 78.5 39.4 59.2#





#55

1,1,2-Trichloroethane

Concen: 19.537 ug/l

RT: 11.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

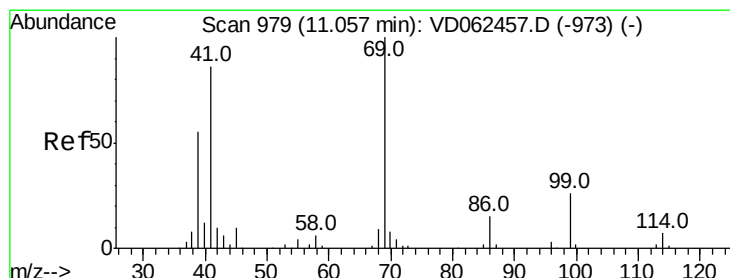
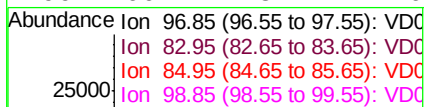
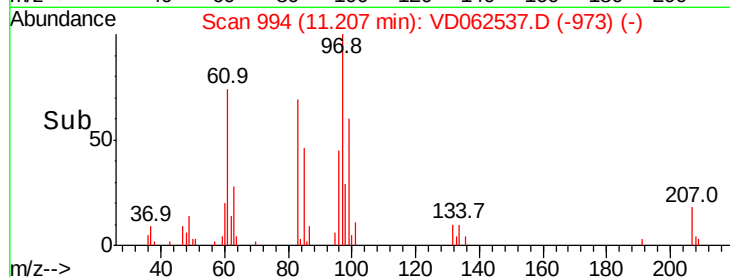
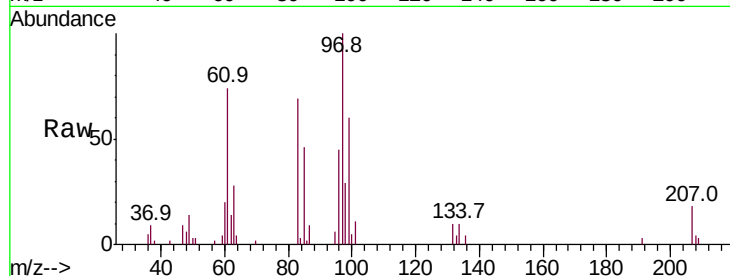
MSVOA\_D

ClientSampleId :

VD0528SBS01

Tot Ion: 97 Resp: 45235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 69.0  | 65.7  | 98.5  |
| 85  | 45.8  | 45.6  | 68.4  |
| 99  | 60.4  | 48.4  | 72.6  |



#56

Ethyl methacrylate

Concen: 18.552 ug/l

RT: 11.06 min Scan# 979

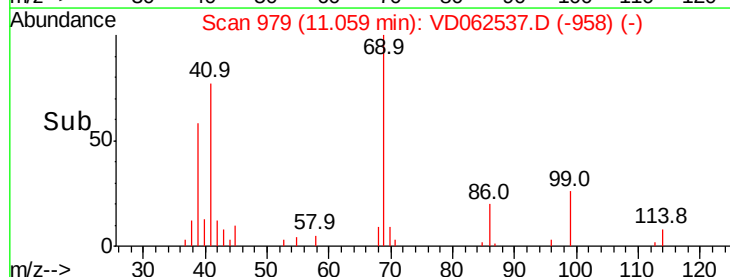
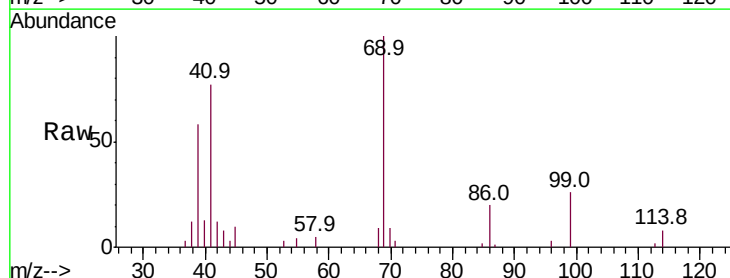
Delta R.T. 0.00 min

Lab File: VD062537.D

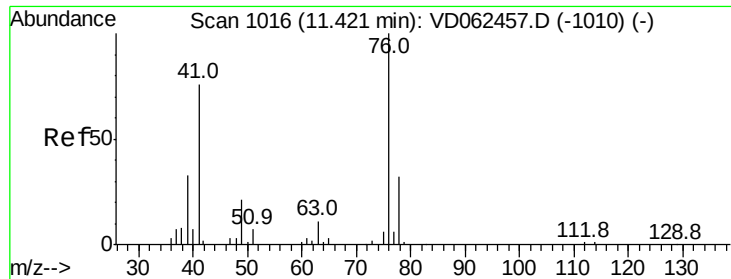
Acq: 28 May 2019 14:31

Tgt Ion: 69 Resp: 45919

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 76.6  | 56.3  | 84.5  |
| 39  | 57.9  | 29.4  | 44.2  |







#57

1,3-Dichloropropane

Concen: 18.161 ug/l

RT: 11.42 min Scan# 1016

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

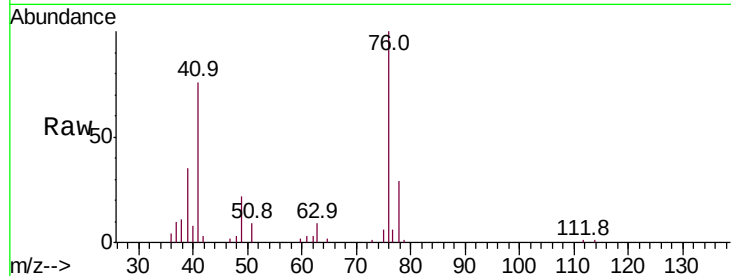
VD0528SBS01

Tot Ion: 76 Resp: 64487

Ion Ratio Lower Upper

76 100

78 28.6 26.2 39.2



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC

11.42

30000

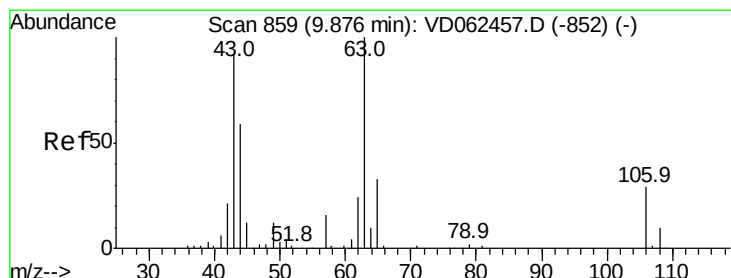
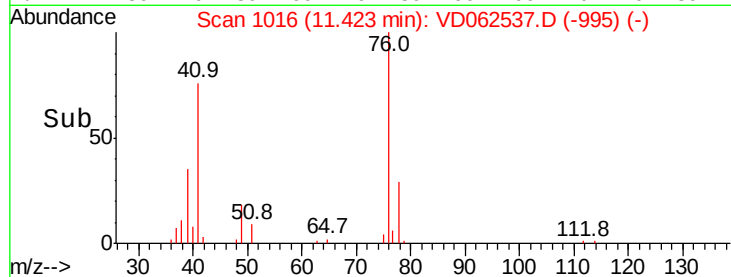
20000

10000

0

11.40 11.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 110.180 ug/l

RT: 9.87 min Scan# 858

Delta R.T. -0.01 min

Lab File: VD062537.D

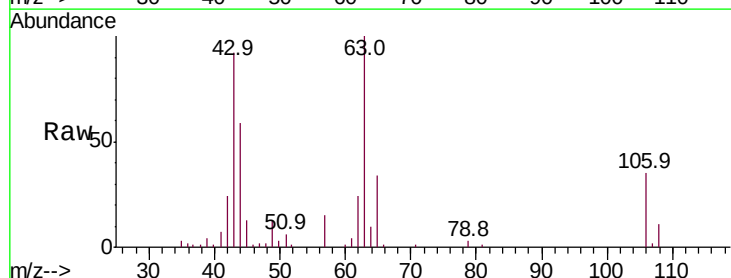
Acq: 28 May 2019 14:31

Tgt Ion: 63 Resp: 140034

Ion Ratio Lower Upper

63 100

106 34.6 22.6 34.0#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

9.87

60000

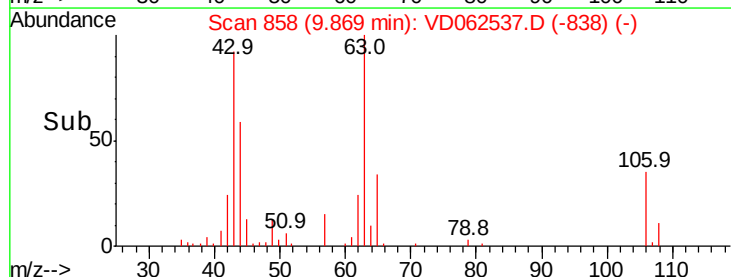
40000

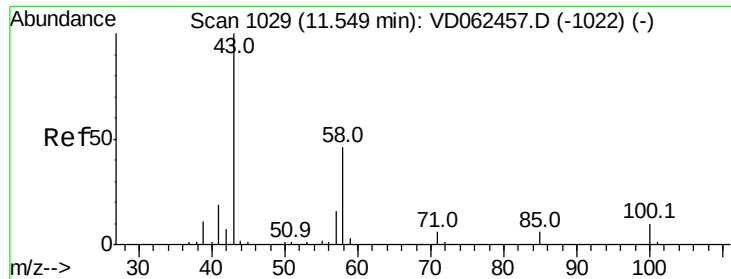
20000

0

9.80 9.90 10.00

Time-->

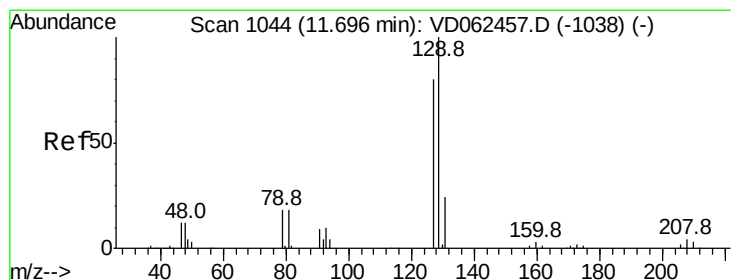
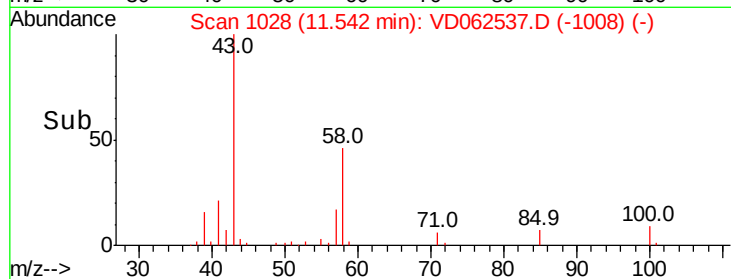
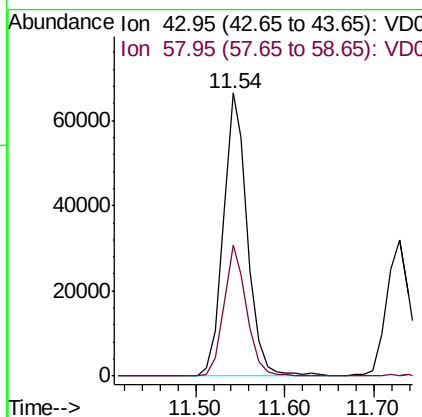
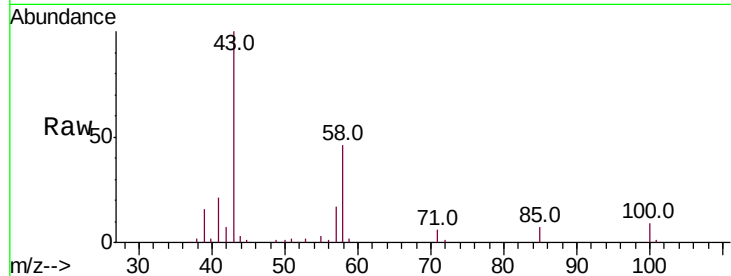




#59  
2-Hexanone  
Concen: 100.101 ug/l  
RT: 11.54 min Scan# 1028  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

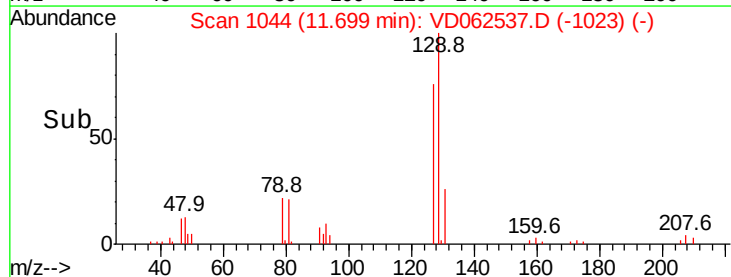
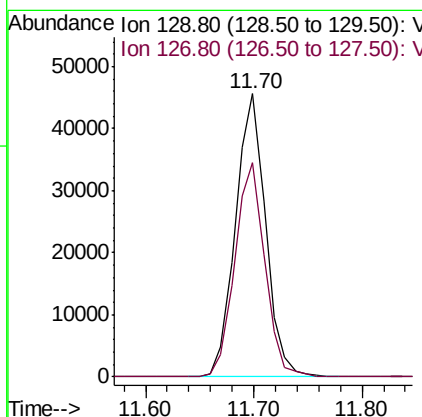
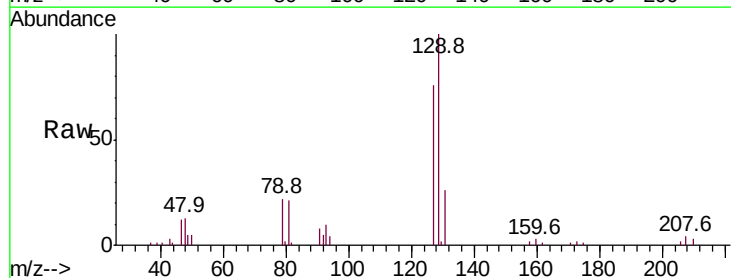
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

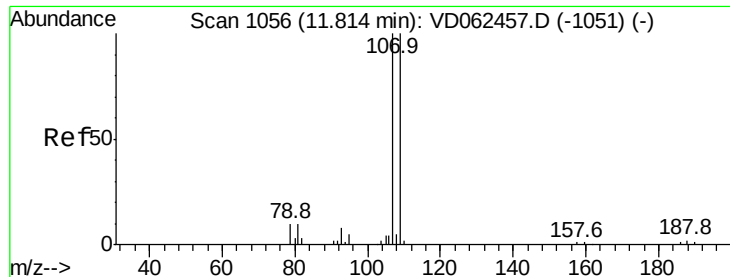
Tot Ion: 43 Resp: 126010  
Ion Ratio Lower Upper  
43 100  
58 46.1 25.4 76.4



#60  
Dibromochloromethane  
Concen: 19.794 ug/l  
RT: 11.70 min Scan# 1044  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:129 Resp: 88025  
Ion Ratio Lower Upper  
129 100  
127 75.8 38.0 113.9

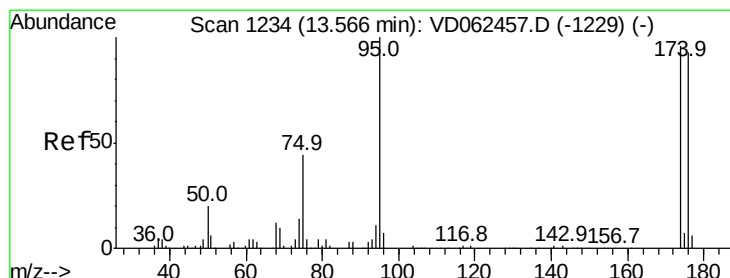
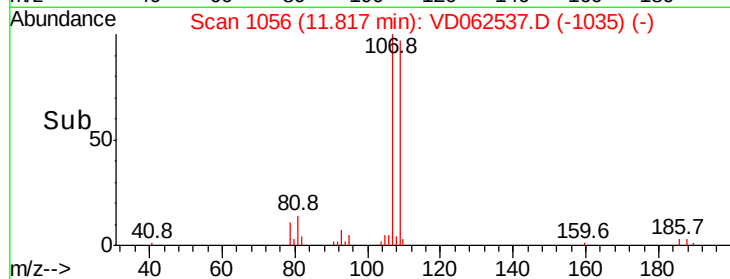
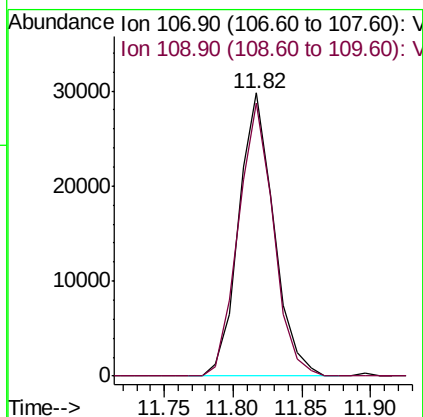
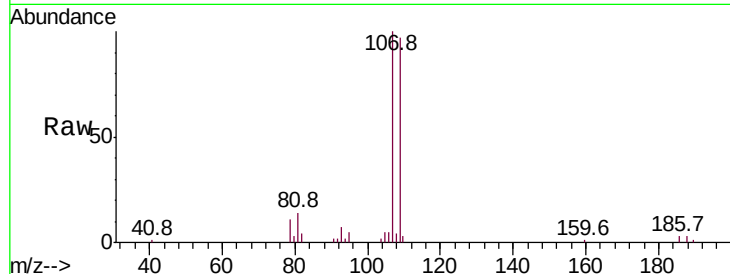




#61  
 1,2-Dibromoethane  
 Concen: 18.497 ug/l  
 RT: 11.82 min Scan# 1056  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

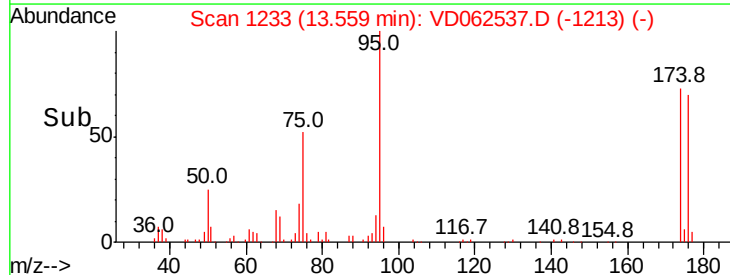
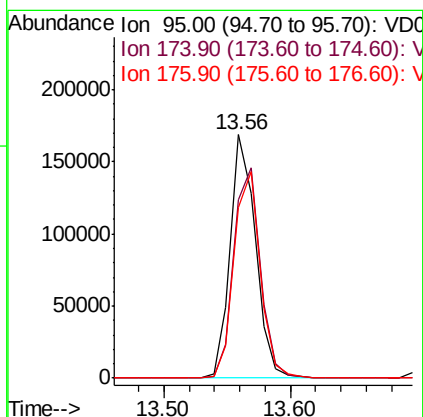
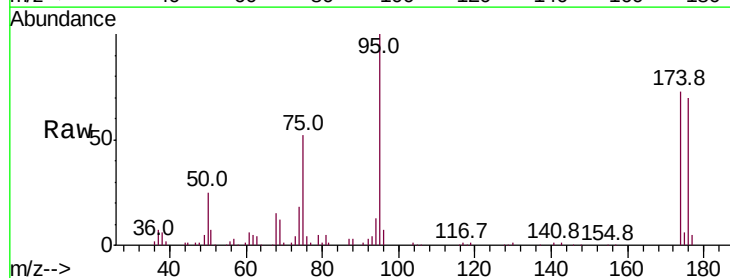
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

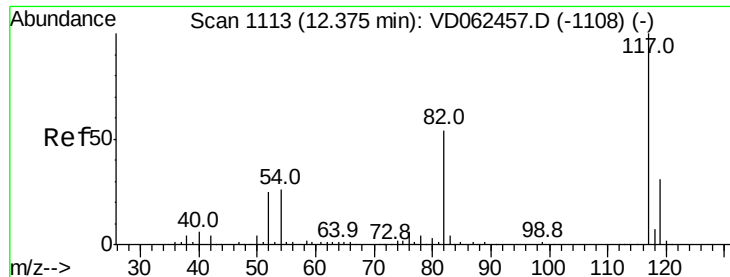
Tot Ion:107 Resp: 52778  
 Ion Ratio Lower Upper  
 107 100  
 109 96.6 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 50.812 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 95 Resp: 233495  
 Ion Ratio Lower Upper  
 95 100  
 174 73.2 0.0 181.8  
 176 70.2 0.0 174.4

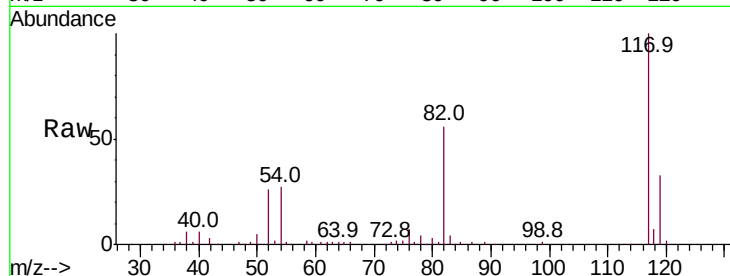




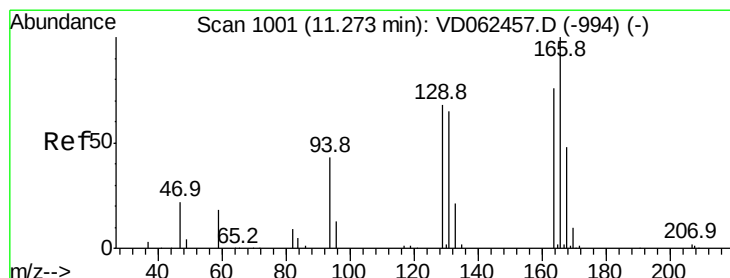
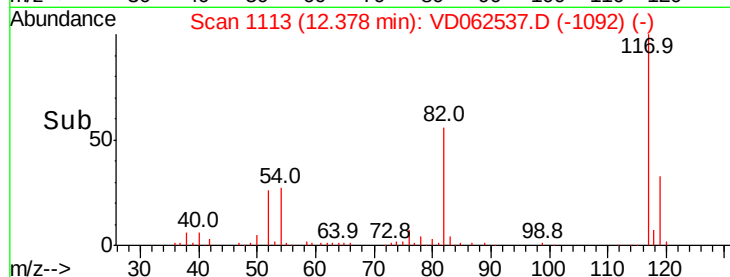
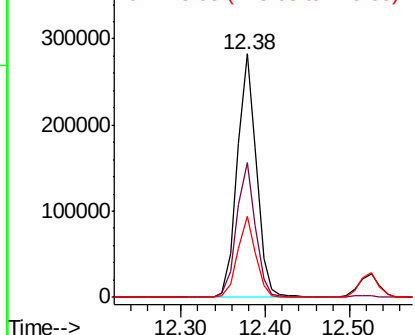
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.38 min Scan# 1113  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Tot Ion:117 Resp: 445879  
Ion Ratio Lower Upper  
117 100  
82 55.6 36.2 54.2#  
119 33.4 26.2 39.4

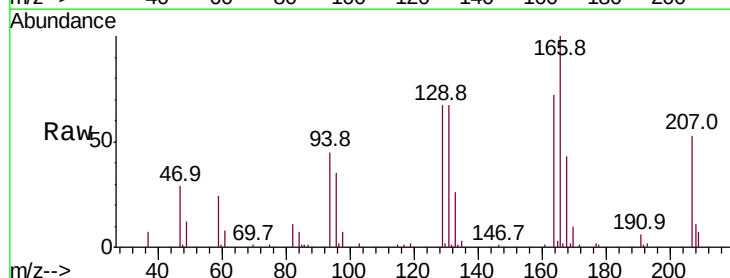


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

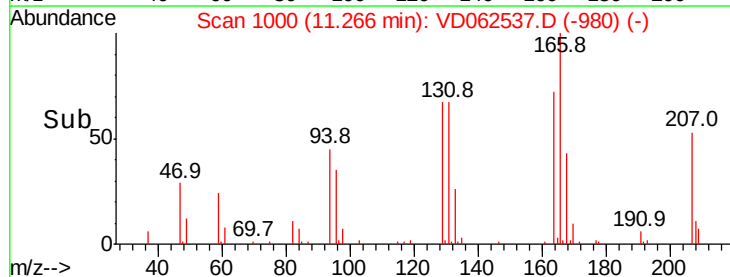
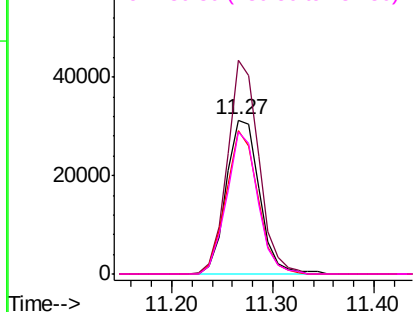


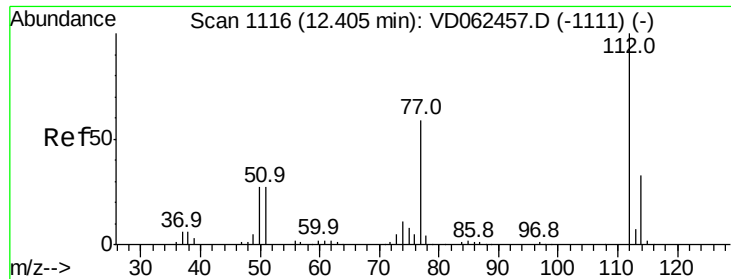
#64  
Tetrachloroethene  
Concen: 19.057 ug/l  
RT: 11.27 min Scan# 1000  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:164 Resp: 71148  
Ion Ratio Lower Upper  
164 100  
166 138.9 101.5 152.3  
129 93.2 74.6 112.0  
131 92.5 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

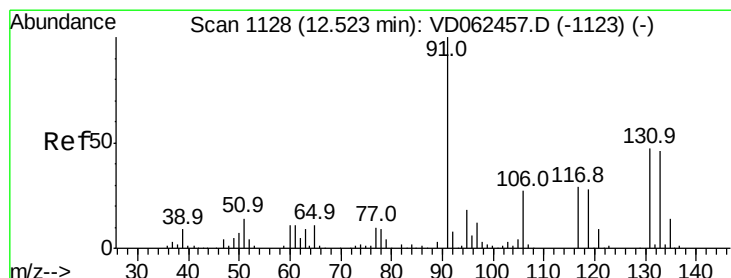
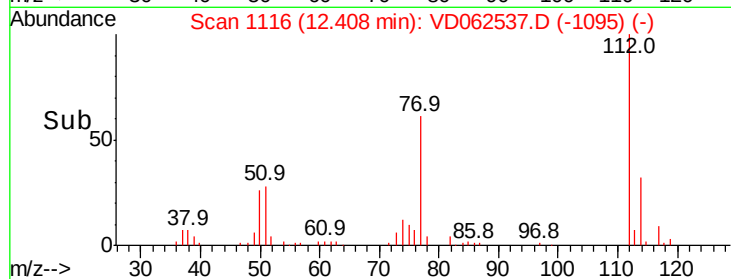
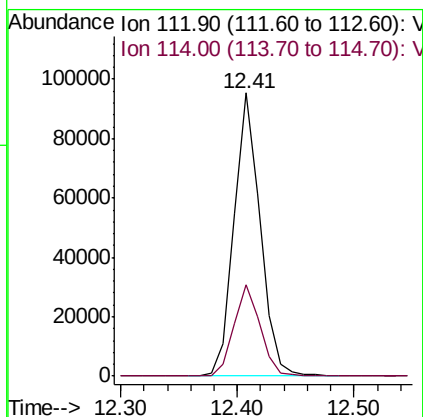
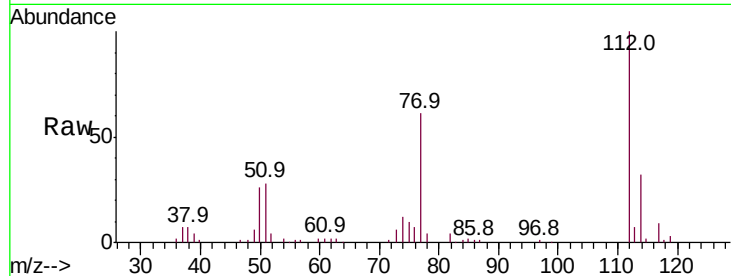




#65  
Chlorobenzene  
Concen: 17.282 ug/l  
RT: 12.41 min Scan# 1116  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

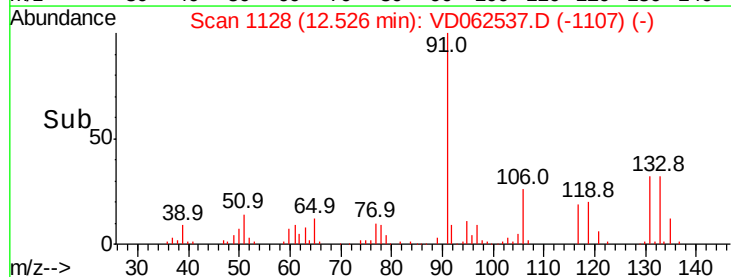
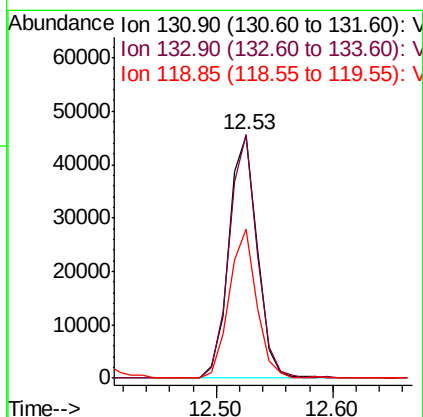
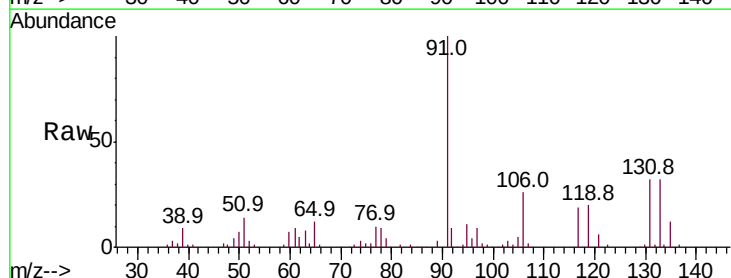
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

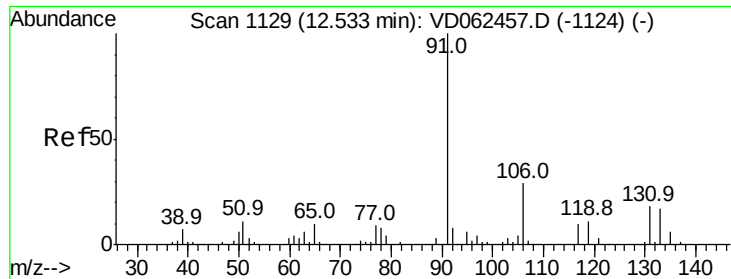
Tot Ion:112 Resp: 148182  
Ion Ratio Lower Upper  
112 100  
114 32.4 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.336 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:131 Resp: 76532  
Ion Ratio Lower Upper  
131 100  
133 100.5 48.6 145.8  
119 61.7 34.7 104.1

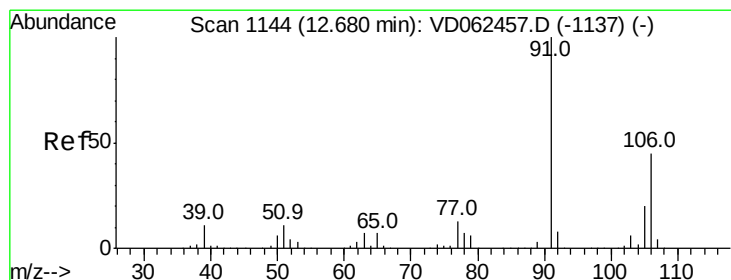
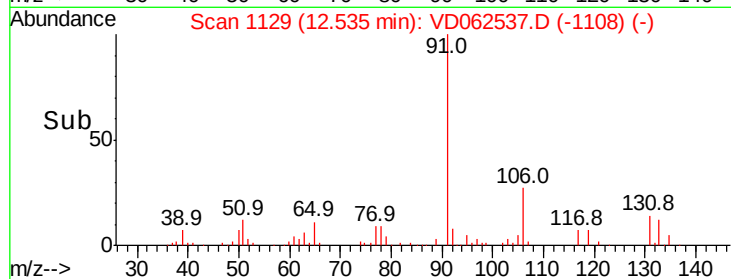
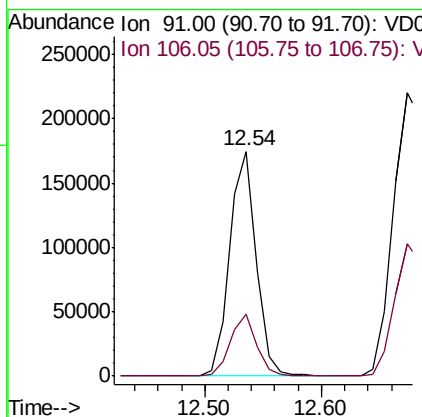
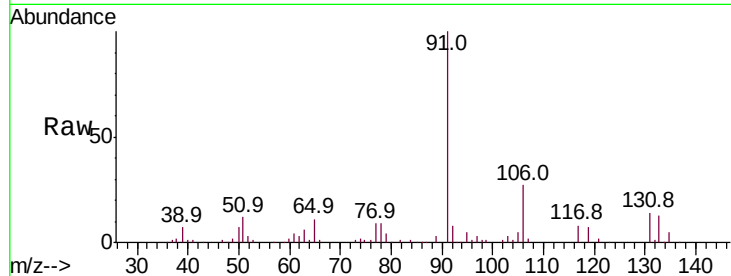




#67  
Ethyl Benzene  
Concen: 18.652 ug/l  
RT: 12.54 min Scan# 1129  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

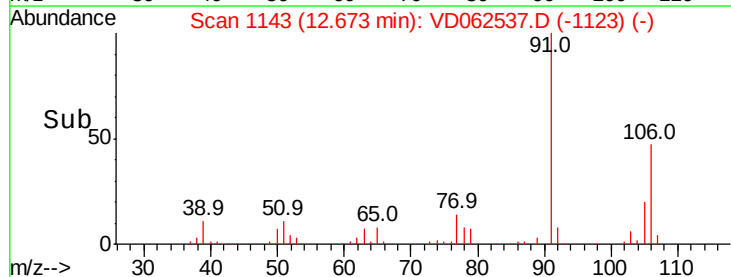
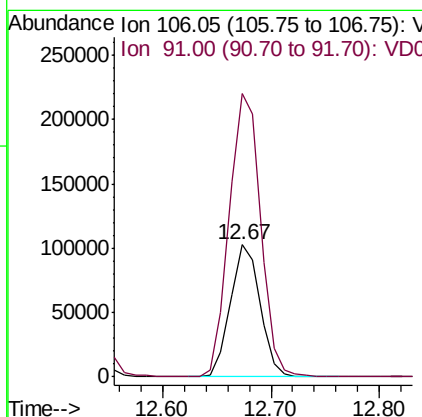
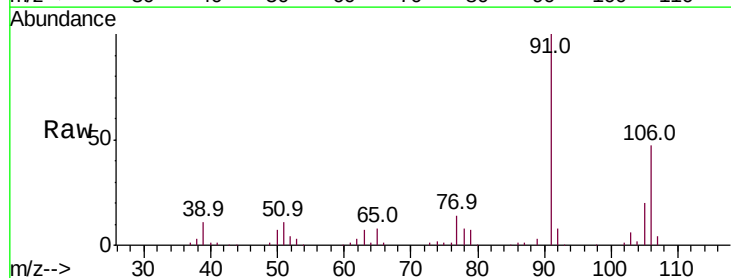
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

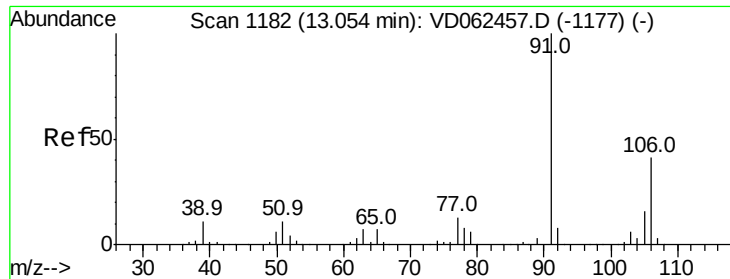
Tot Ion: 91 Resp: 275463  
Ion Ratio Lower Upper  
91 100  
106 27.4 24.7 37.1



#68  
m/p-Xylenes  
Concen: 36.970 ug/l  
RT: 12.67 min Scan# 1143  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:106 Resp: 195993  
Ion Ratio Lower Upper  
106 100  
91 214.7 164.0 246.0

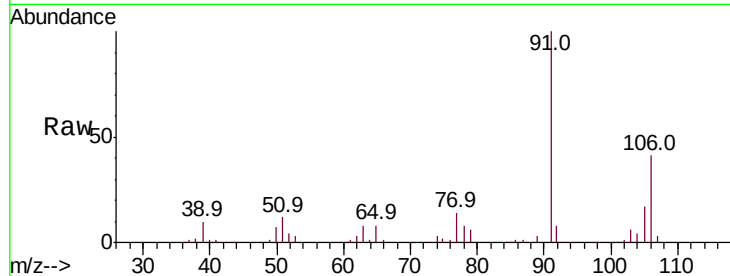




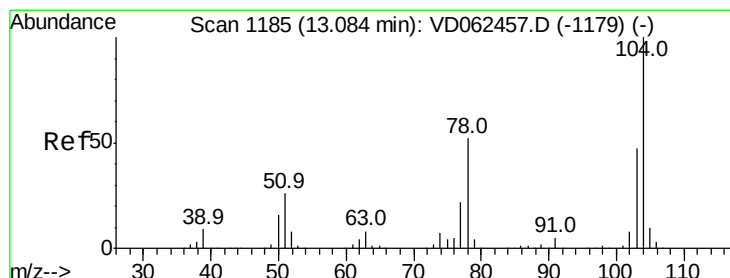
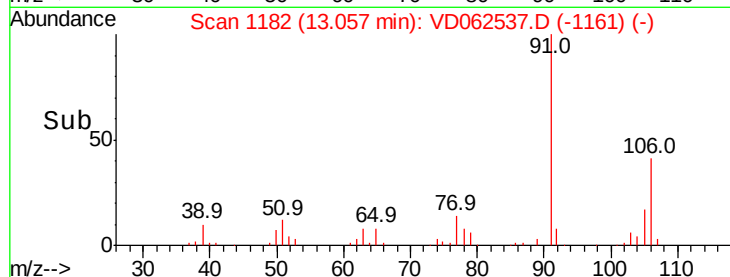
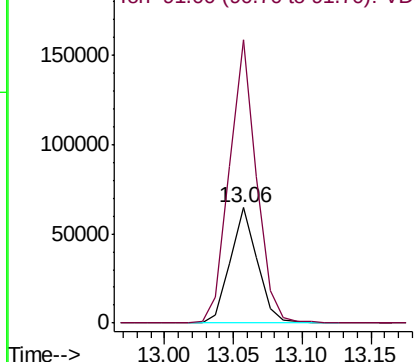
#69  
o-Xylene  
Concen: 17.790 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. 0.00 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Tot Ion:106 Resp: 88986  
Ion Ratio Lower Upper  
106 100  
91 244.9 106.7 319.9

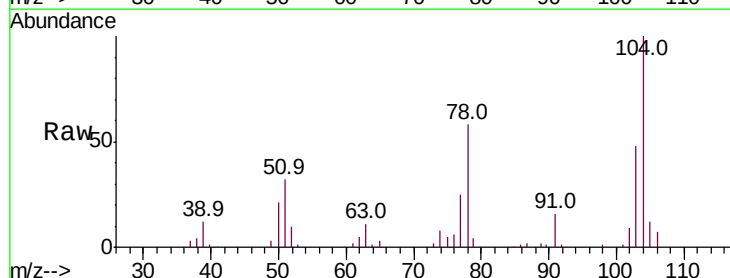


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

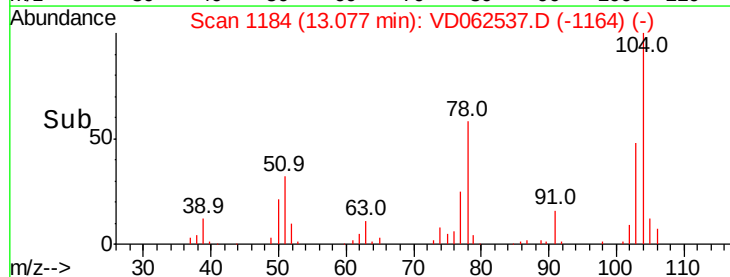
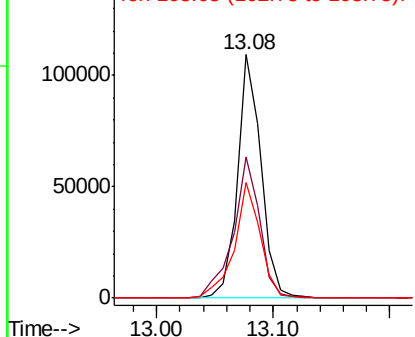


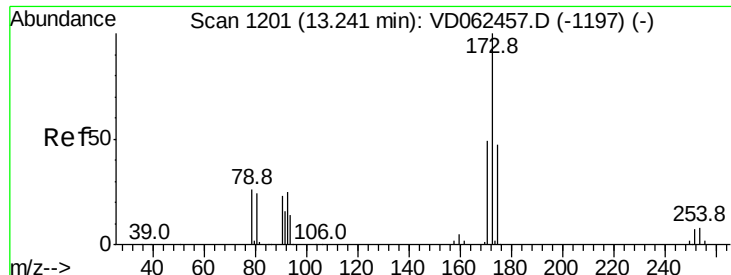
#70  
Styrene  
Concen: 17.852 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:104 Resp: 151912  
Ion Ratio Lower Upper  
104 100  
78 58.1 35.4 53.2#  
103 47.7 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: 21.225 ug/l

RT: 13.24 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

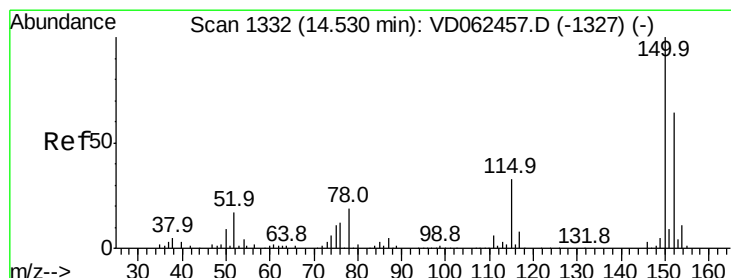
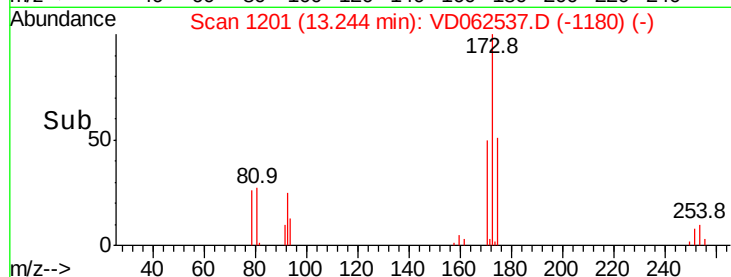
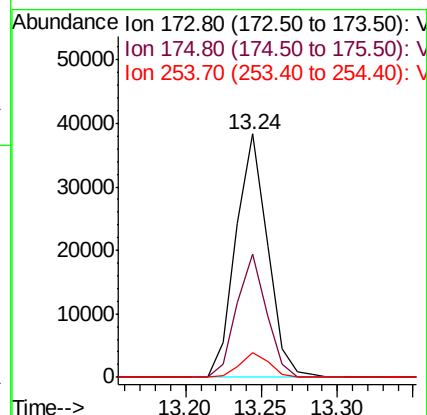
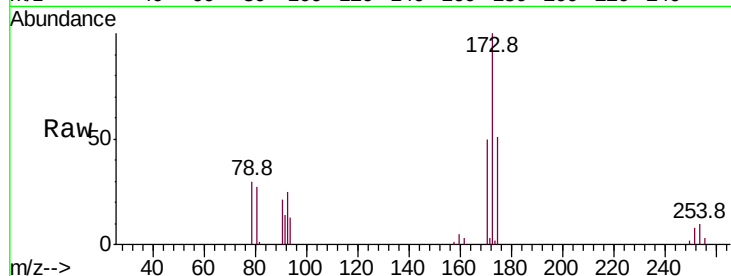
Tot Ion:173 Resp: 55792

Ion Ratio Lower Upper

173 100

175 50.8 24.4 73.4

254 10.4 5.4 8.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. -0.01 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

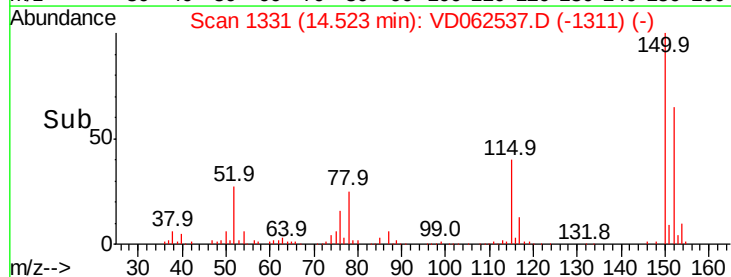
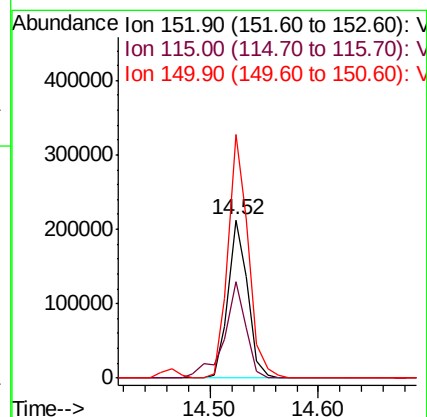
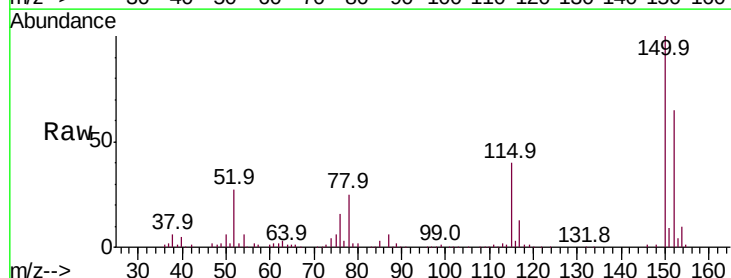
Tgt Ion:152 Resp: 266133

Ion Ratio Lower Upper

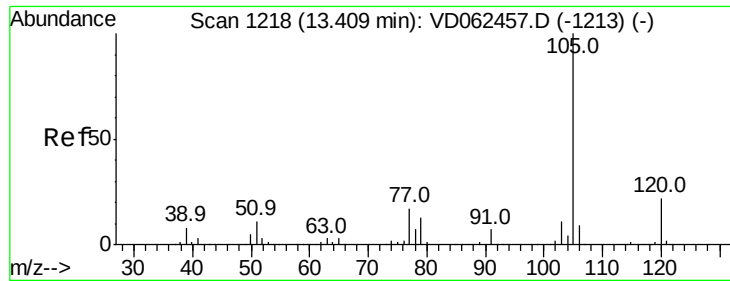
152 100

115 61.1 30.9 92.7

150 153.8 0.0 314.8







#73

Isopropylbenzene

Concen: 16.954 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

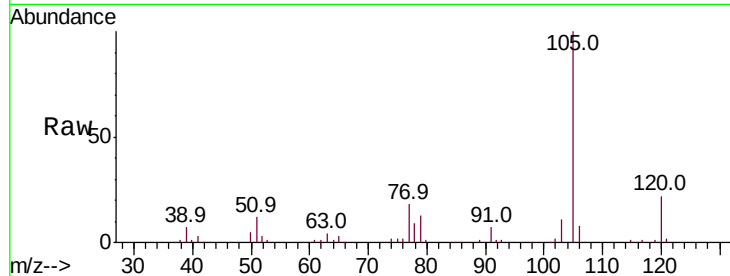
VD0528SBS01

Tot Ion:105 Resp: 284406

Ion Ratio Lower Upper

105 100

120 22.0 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

200000

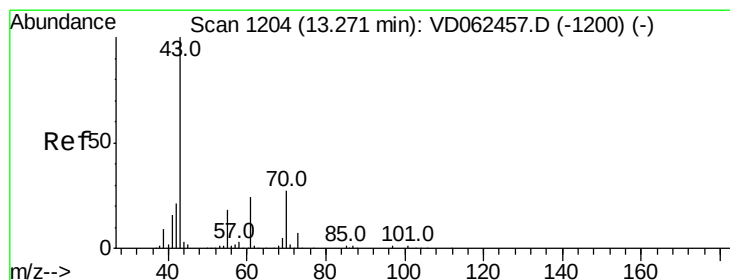
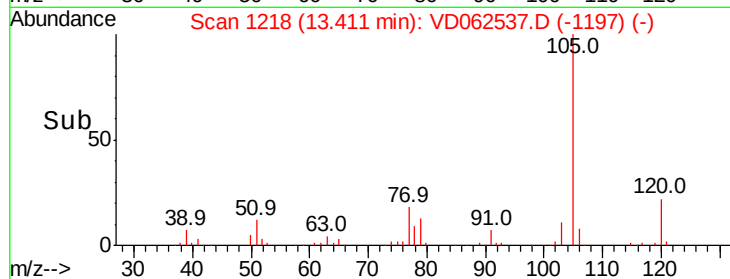
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.847 ug/l

RT: 13.27 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Tgt Ion: 43 Resp: 69800

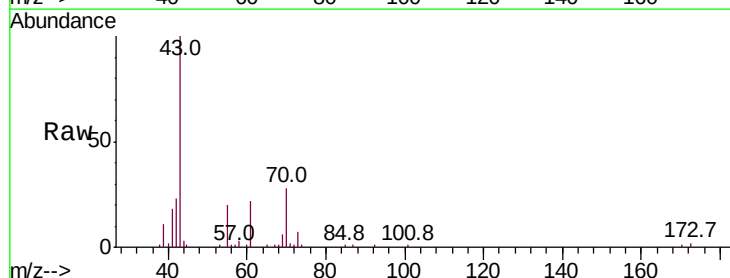
Ion Ratio Lower Upper

43 100

70 27.7 24.2 36.4

55 19.5 16.0 24.0

61 22.0 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

80000

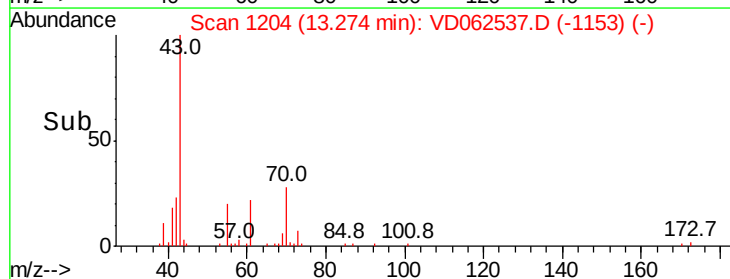
60000

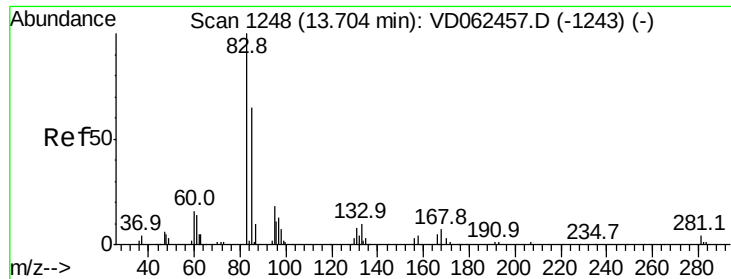
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 15.843 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

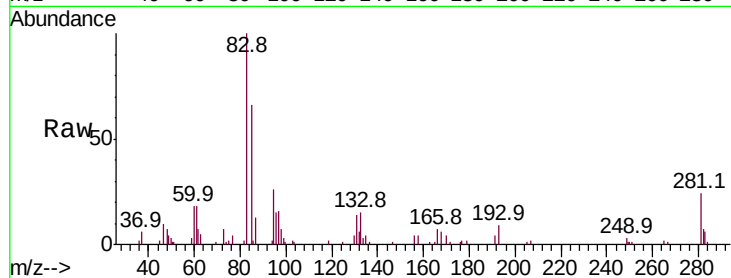
Tot Ion: 83 Resp: 47948

Ion Ratio Lower Upper

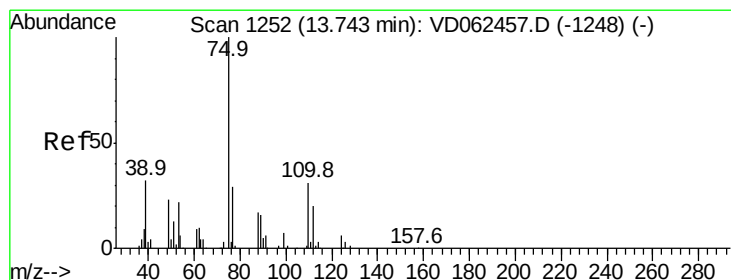
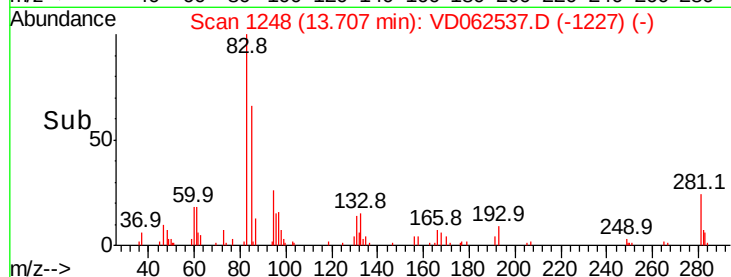
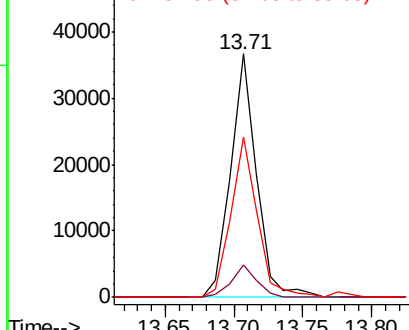
83 100

131 13.5 5.0 14.9

85 65.9 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: 18.678 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VD062537.D

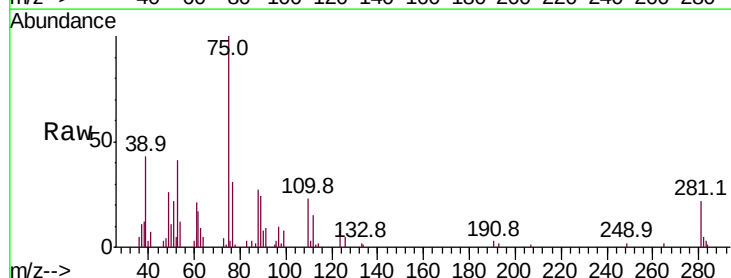
Acq: 28 May 2019 14:31

Tgt Ion: 75 Resp: 58552

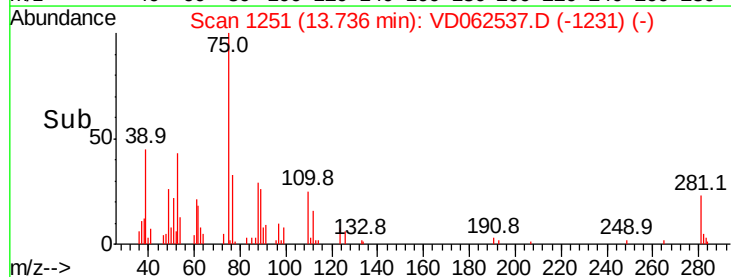
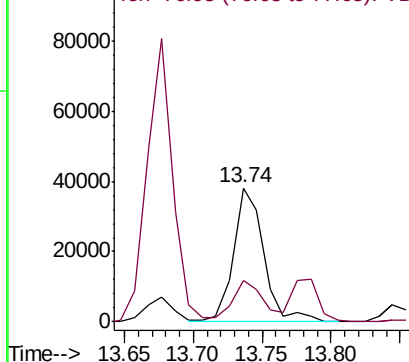
Ion Ratio Lower Upper

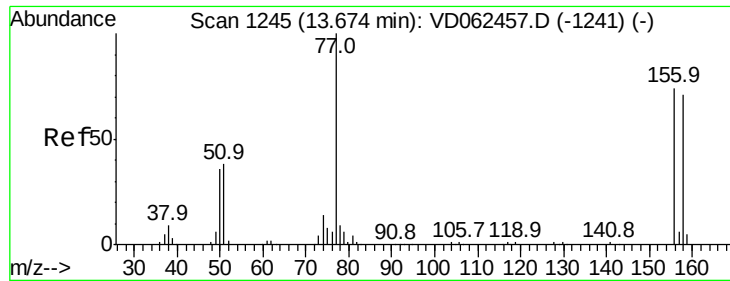
75 100

77 31.1 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: 17.638 ug/l

RT: 13.68 min Scan# 1245

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

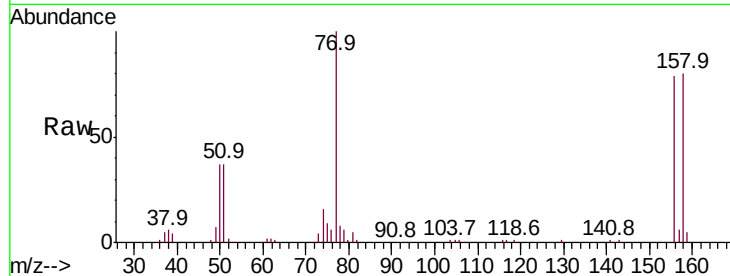
Tot Ion:156 Resp: 83937

Ion Ratio Lower Upper

156 100

77 126.0 53.1 159.4

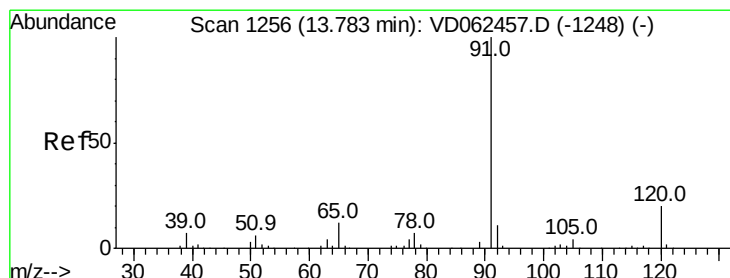
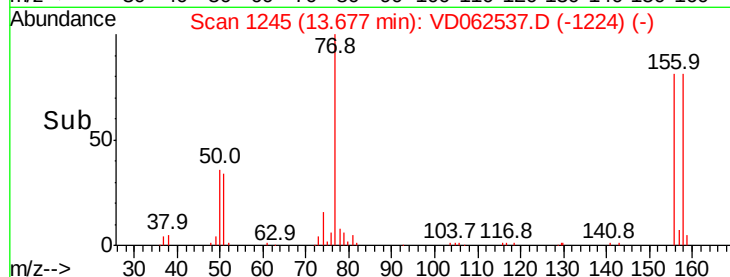
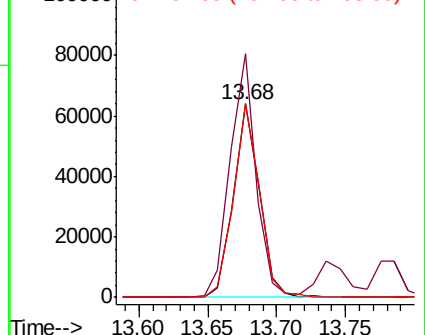
158 100.3 49.4 148.0



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: 18.073 ug/l

RT: 13.79 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VD062537.D

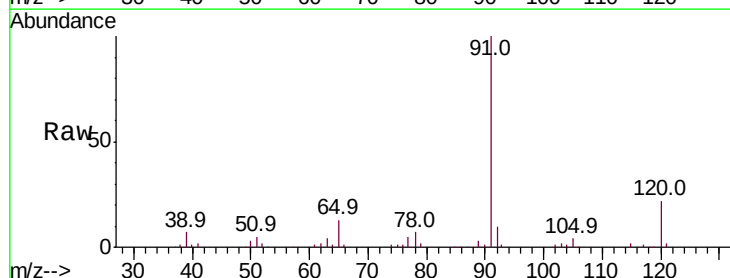
Acq: 28 May 2019 14:31

Tgt Ion: 91 Resp: 351189

Ion Ratio Lower Upper

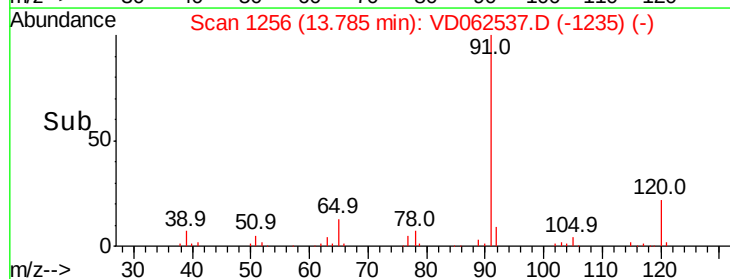
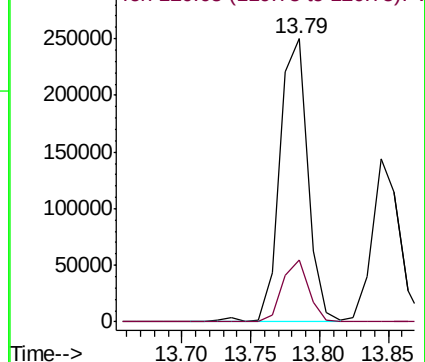
91 100

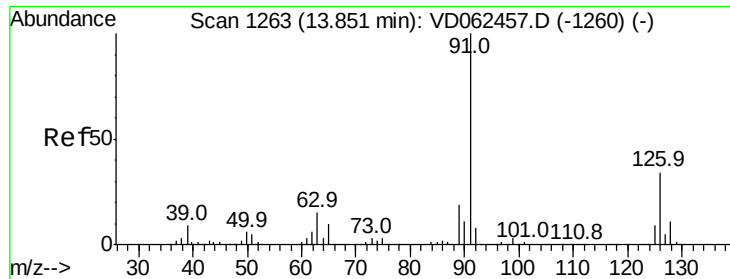
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

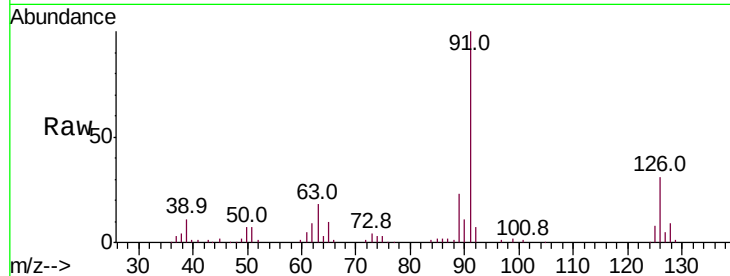




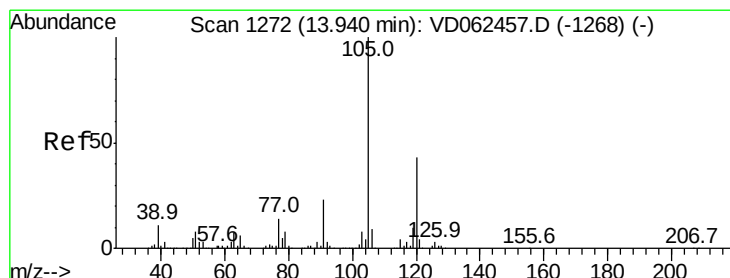
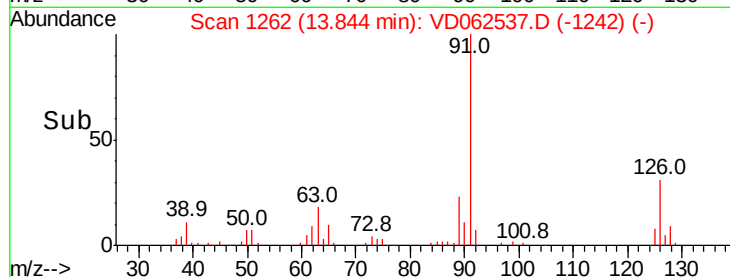
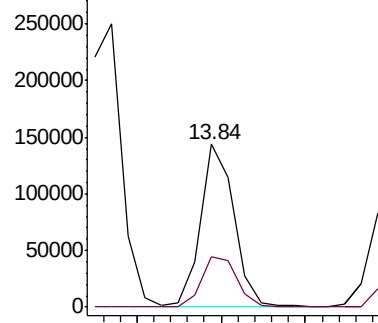
#79  
 2-Chlorotoluene  
 Concen: 16.812 ug/l  
 RT: 13.84 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

Tot Ion: 91 Resp: 198252  
 Ion Ratio Lower Upper  
 91 100  
 126 30.9 18.6 55.8

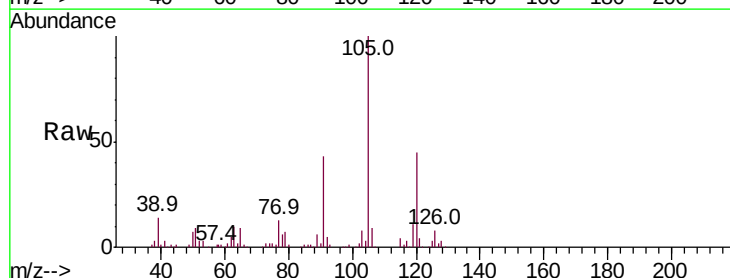


Abundance Ion 91.00 (90.70 to 91.70): V  
 Ion 125.95 (125.65 to 126.65): V

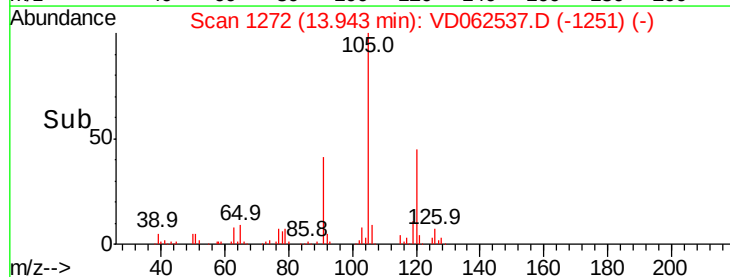
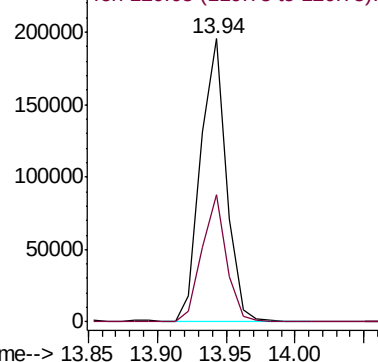


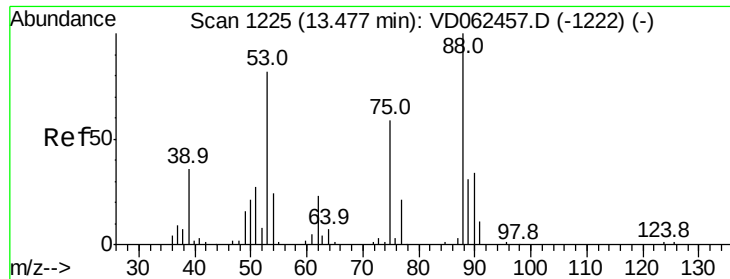
#80  
 1,3,5-Trimethylbenzene  
 Concen: 17.422 ug/l  
 RT: 13.94 min Scan# 1272  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion:105 Resp: 253056  
 Ion Ratio Lower Upper  
 105 100  
 120 44.9 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): V  
 Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.135 ug/l

RT: 13.48 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

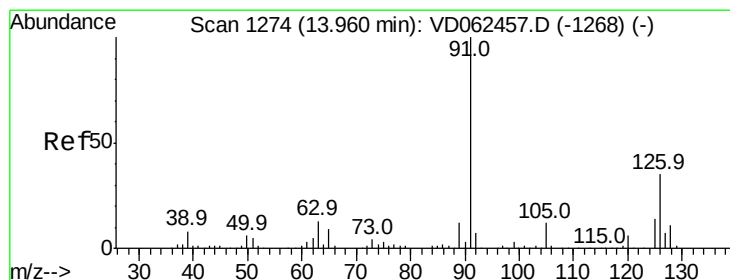
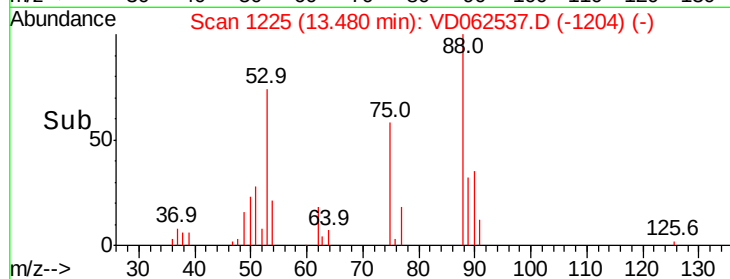
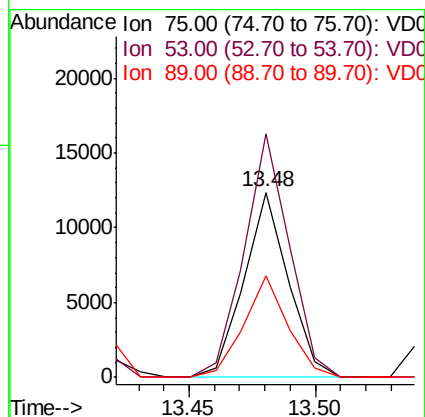
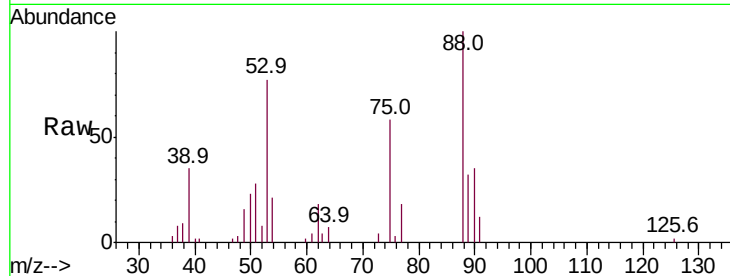
Tot Ion: 75 Resp: 15149

Ion Ratio Lower Upper

75 100

53 131.5 65.8 98.8#

89 54.5 35.0 52.6#



#82

4-Chlorotoluene

Concen: 17.267 ug/l

RT: 13.95 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VD062537.D

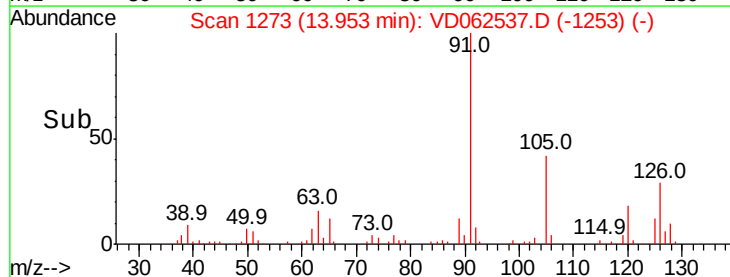
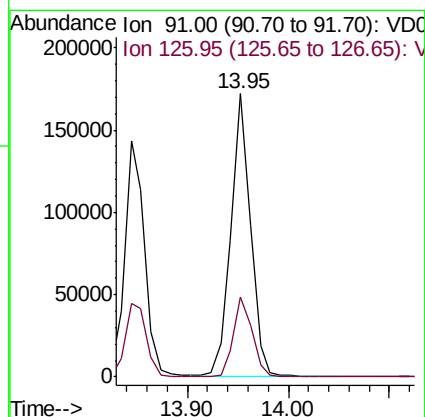
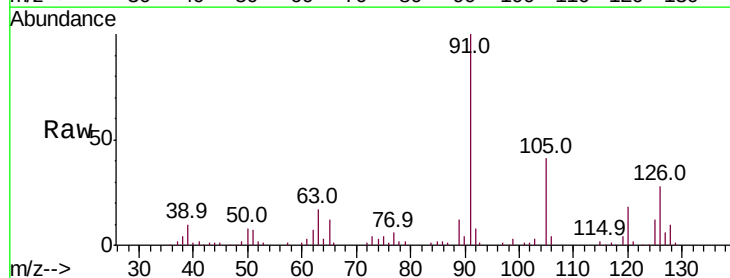
Acq: 28 May 2019 14:31

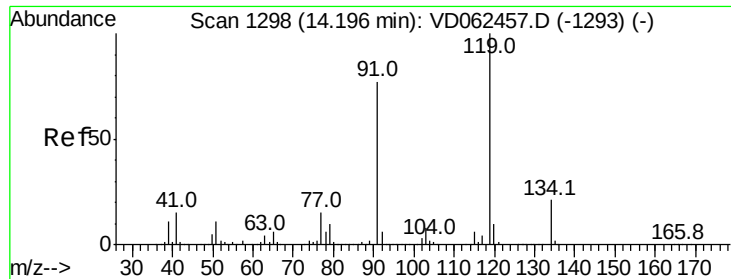
Tgt Ion: 91 Resp: 234492

Ion Ratio Lower Upper

91 100

126 28.4 19.1 57.5

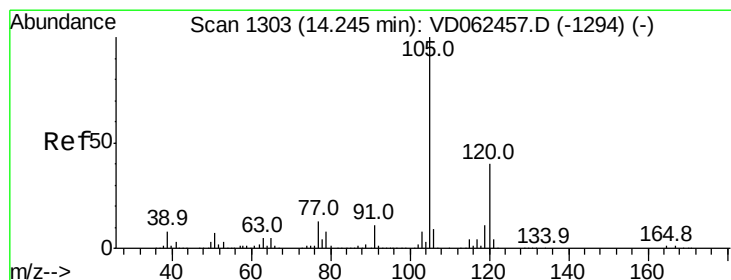
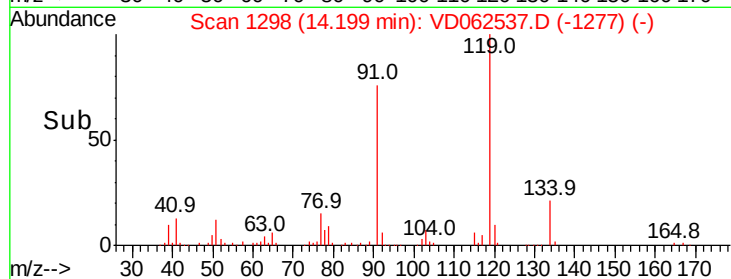
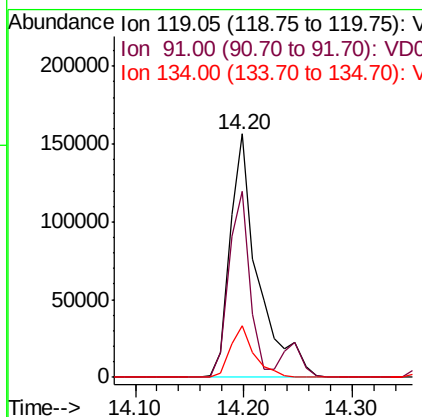
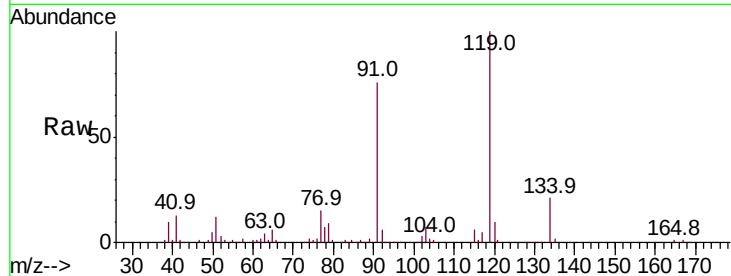




#83  
 tert-Butylbenzene  
 Concen: 17.496 ug/l  
 RT: 14.20 min Scan# 1298  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

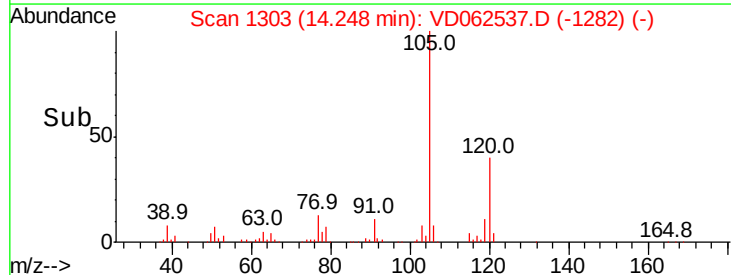
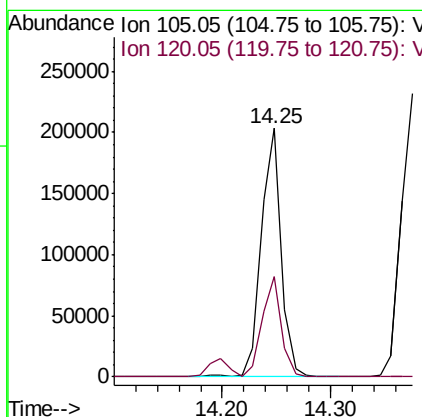
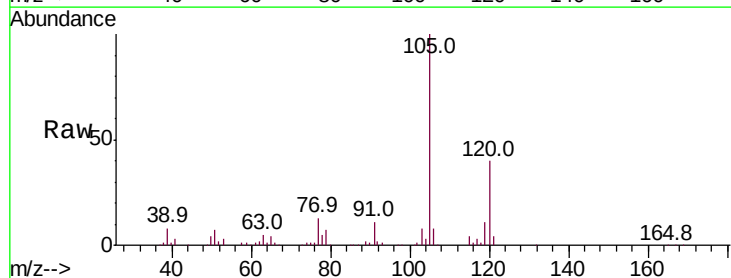
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

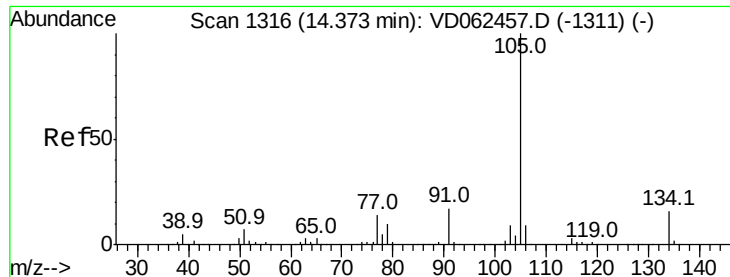
Tot Ion:119 Resp: 281884  
 Ion Ratio Lower Upper  
 119 100  
 91 76.4 34.2 102.6  
 134 21.0 12.0 36.0



#84  
 1,2,4-Trimethylbenzene  
 Concen: 17.440 ug/l  
 RT: 14.25 min Scan# 1303  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion:105 Resp: 259564  
 Ion Ratio Lower Upper  
 105 100  
 120 40.3 23.1 69.2

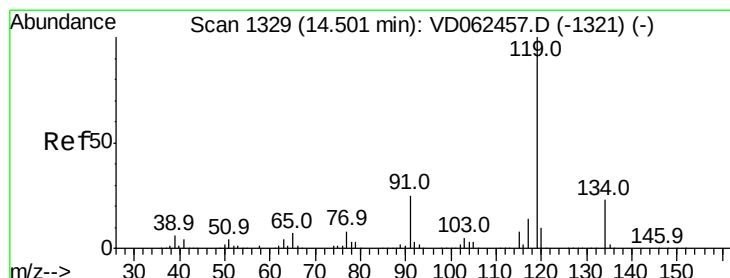
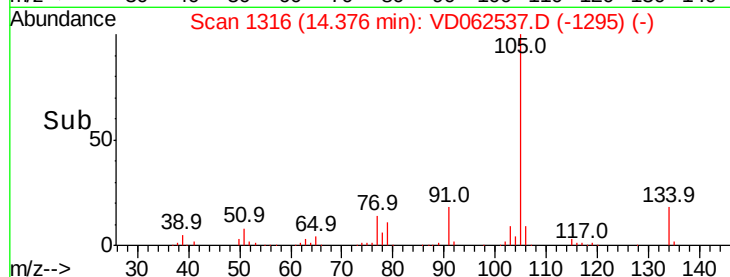
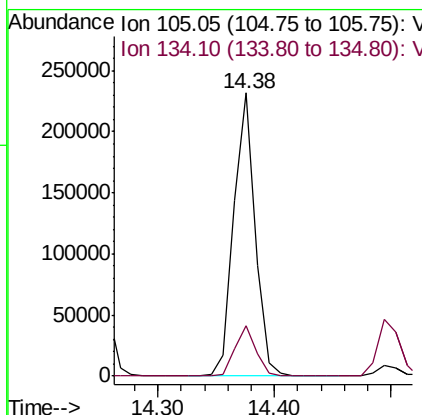
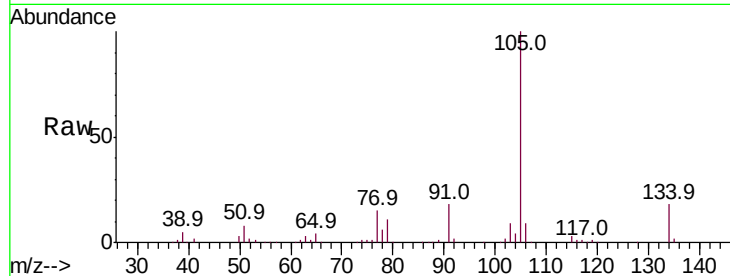




#85  
 sec-Butylbenzene  
 Concen: 17.548 ug/l  
 RT: 14.38 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

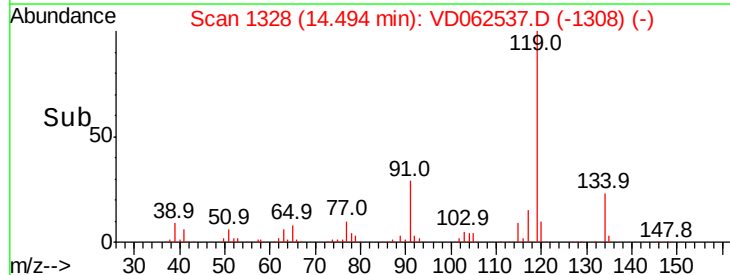
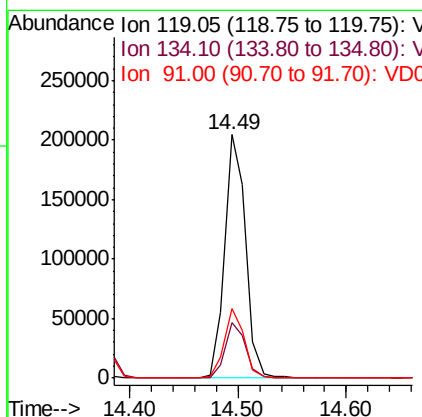
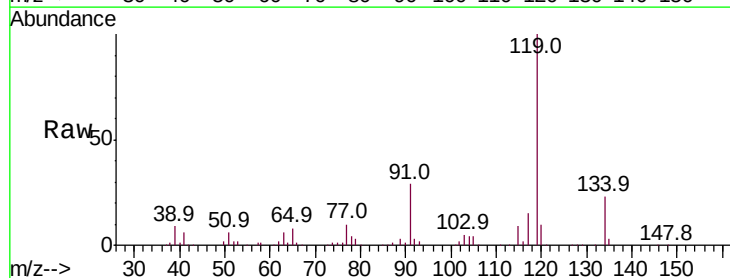
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

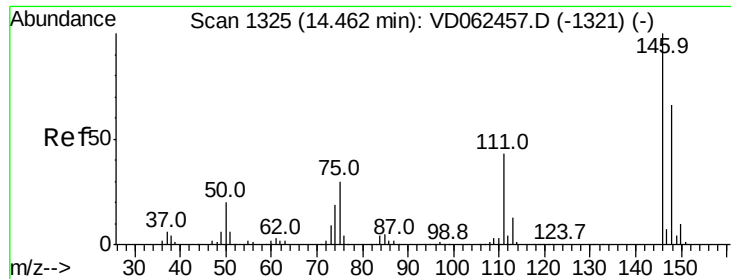
Tot Ion:105 Resp: 294810  
 Ion Ratio Lower Upper  
 105 100  
 134 17.7 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 17.952 ug/l  
 RT: 14.49 min Scan# 1328  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion:119 Resp: 273312  
 Ion Ratio Lower Upper  
 119 100  
 134 22.5 12.8 38.3  
 91 28.8 10.7 32.1

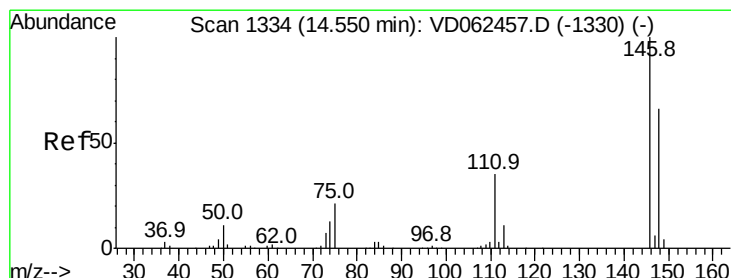
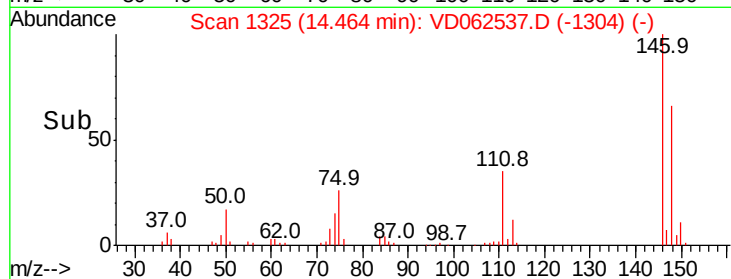
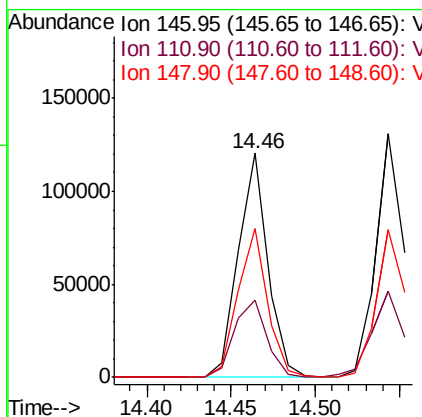
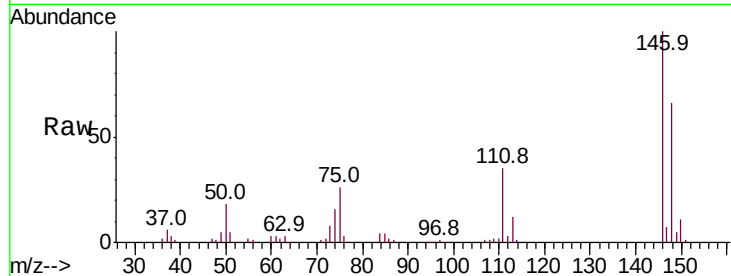




#87  
 1,3-Dichlorobenzene  
 Concen: 17.501 ug/l  
 RT: 14.46 min Scan# 1325  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

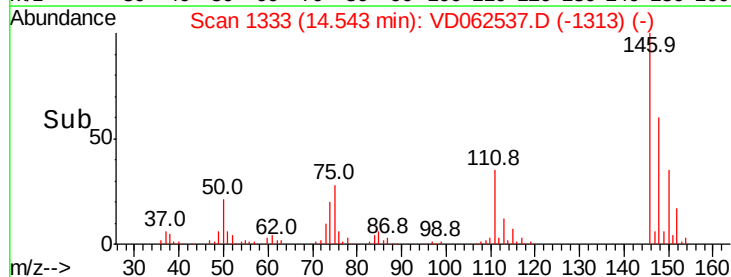
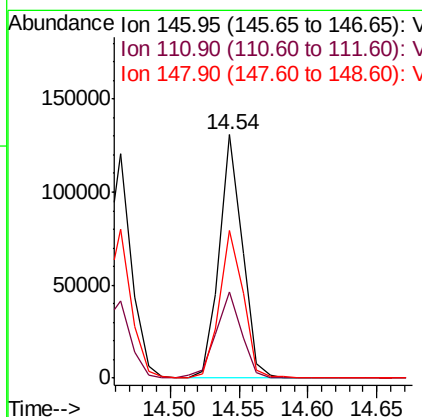
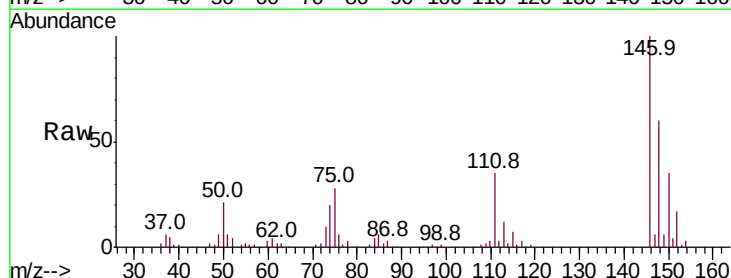
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.7  | 20.0  | 60.0  |
| 148     | 66.4  | 31.8  | 95.4  |

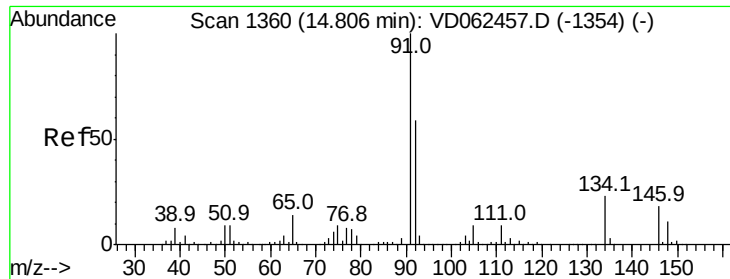


#88  
 1,4-Dichlorobenzene  
 Concen: 18.710 ug/l  
 RT: 14.54 min Scan# 1333  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.5  | 20.2  | 60.5  |
| 148     | 60.4  | 32.0  | 96.2  |







#89

n-Butylbenzene

Concen: 17.542 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VD062537.D

Acq: 28 May 2019 14:31

Instrument :

MSVOA\_D

ClientSampleId :

VD0528SBS01

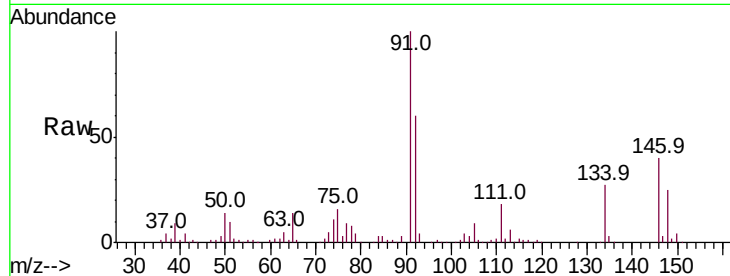
Tot Ion: 91 Resp: 257736

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 59.7  | 30.3  | 91.0  |
| 134 | 26.7  | 14.5  | 43.6  |

91 100

92 59.7 30.3 91.0

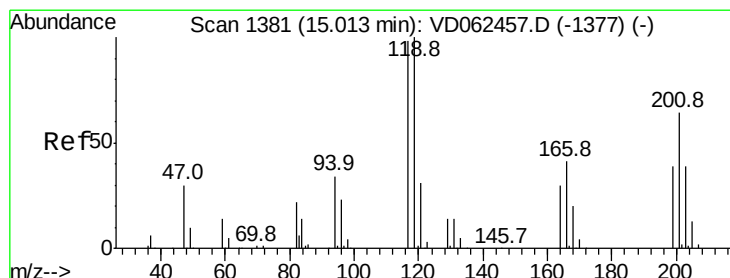
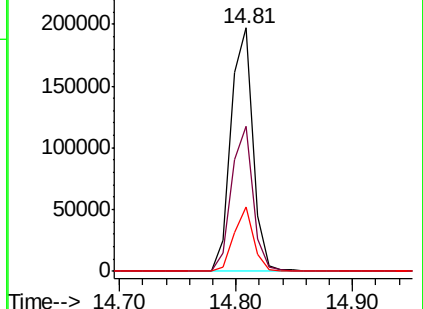
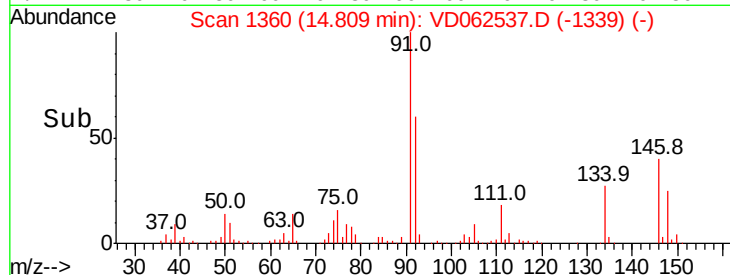
134 26.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 17.890 ug/l

RT: 15.02 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VD062537.D

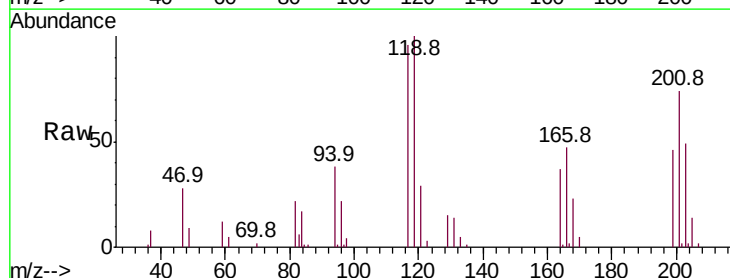
Acq: 28 May 2019 14:31

Tgt Ion: 117 Resp: 75271

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 76.7  | 30.2  | 90.6  |

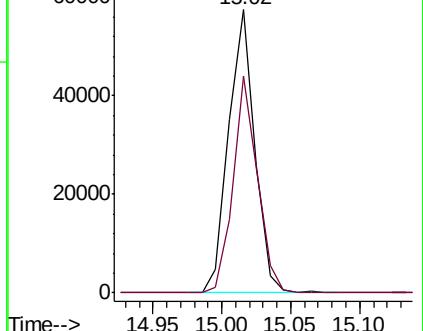
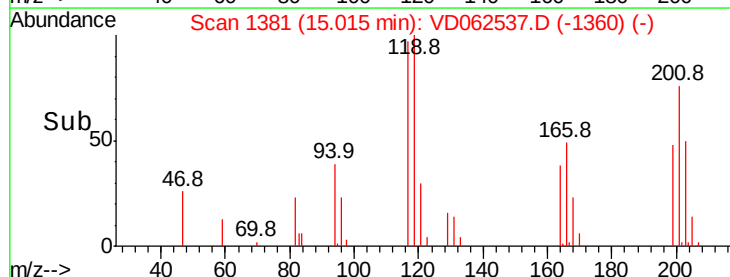
117 100

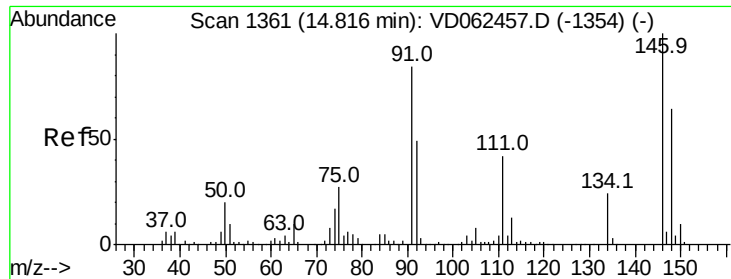
201 76.7 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

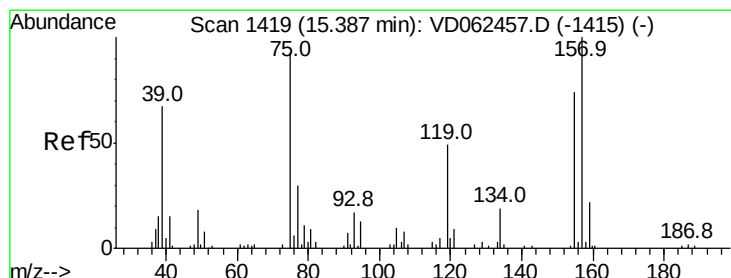
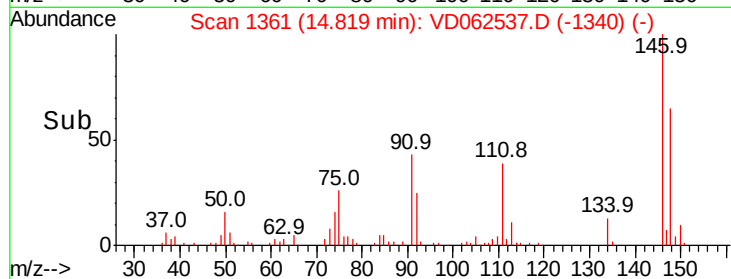
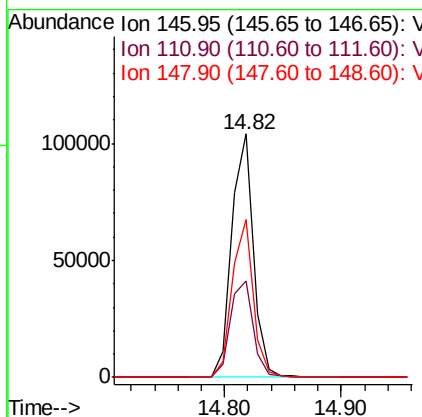
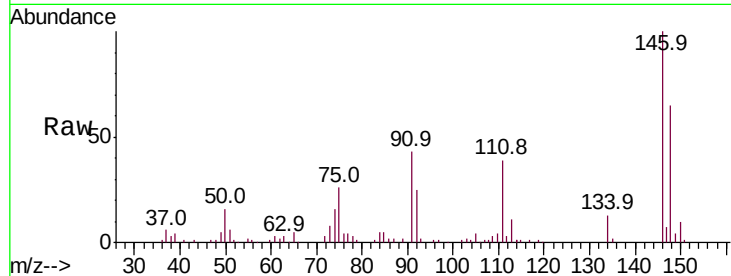




#91  
 1,2-Dichlorobenzene  
 Concen: 18.745 ug/l  
 RT: 14.82 min Scan# 1361  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

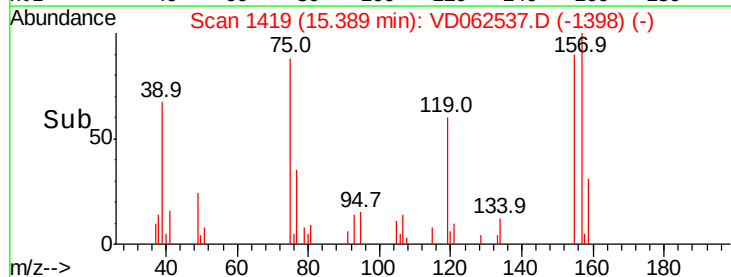
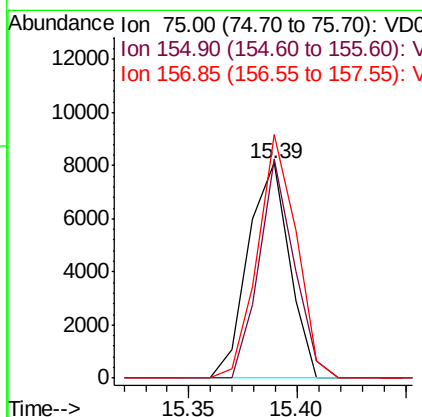
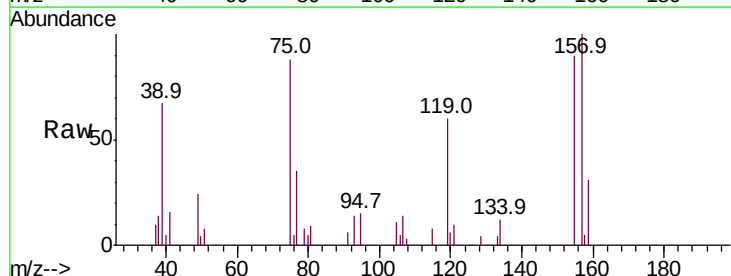
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

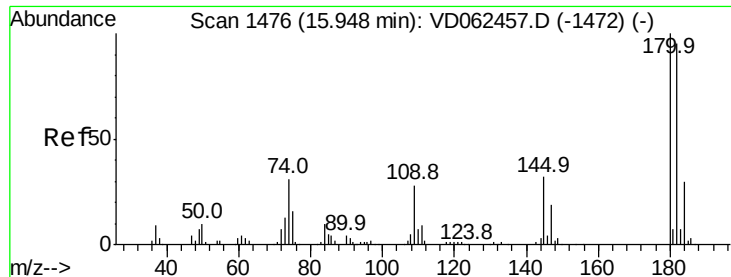
Tot Ion:146 Resp: 133954  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 20.0 59.9  
 148 65.0 32.3 96.8



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 18.557 ug/l  
 RT: 15.39 min Scan# 1419  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion: 75 Resp: 10660  
 Ion Ratio Lower Upper  
 75 100  
 155 101.7 55.3 165.8  
 157 113.1 67.8 203.2

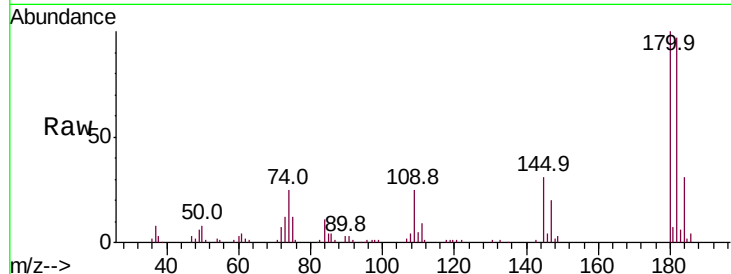




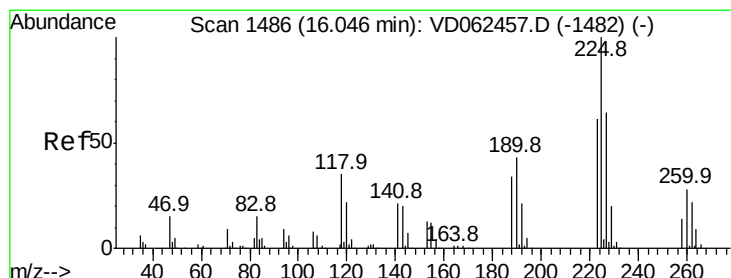
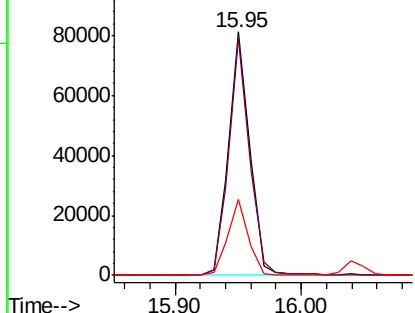
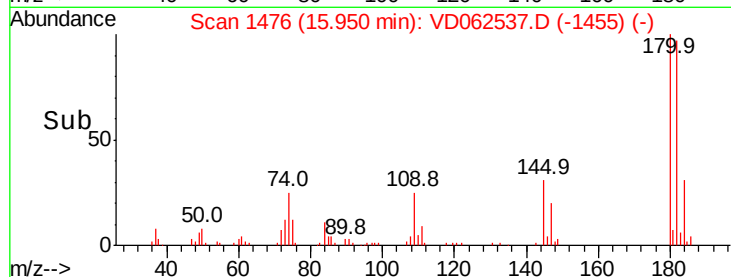
#93  
 1,2,4-Trichlorobenzene  
 Concen: 16.699 ug/l  
 RT: 15.95 min Scan# 1476  
 Delta R.T. 0.00 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0528SBS01

Tot Ion:180 Resp: 93962  
 Ion Ratio Lower Upper  
 180 100  
 182 97.2 49.3 147.8  
 145 31.0 16.2 48.6

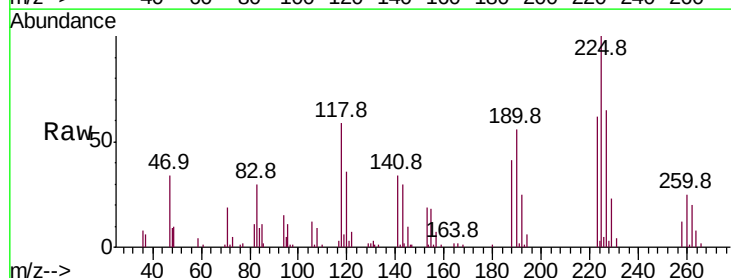


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

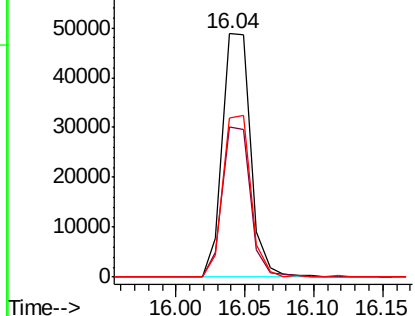
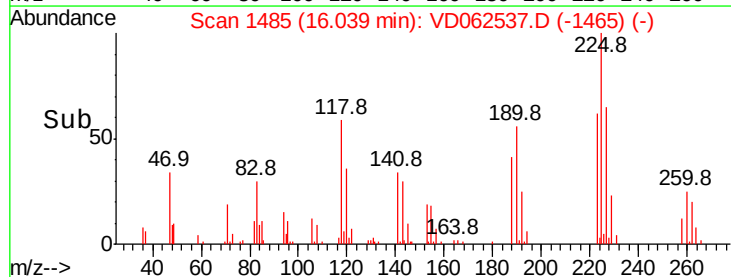


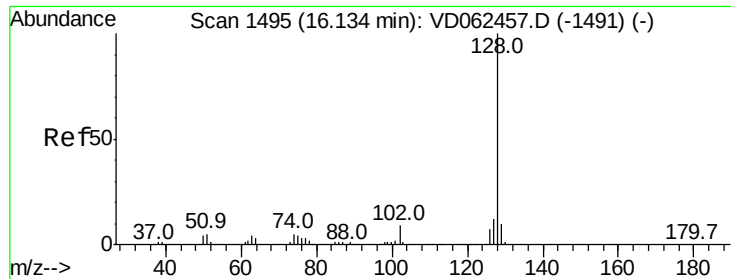
#94  
 Hexachlorobutadiene  
 Concen: 16.728 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. -0.01 min  
 Lab File: VD062537.D  
 Acq: 28 May 2019 14:31

Tgt Ion:225 Resp: 69500  
 Ion Ratio Lower Upper  
 225 100  
 223 61.9 30.6 92.0  
 227 65.3 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

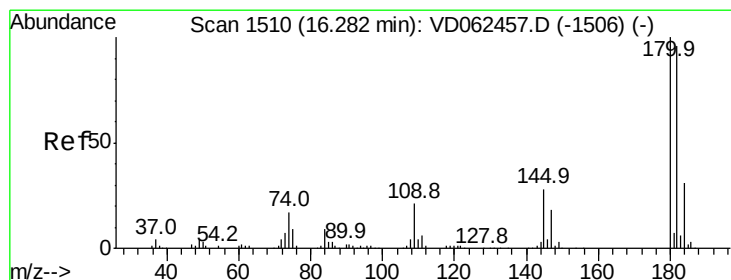
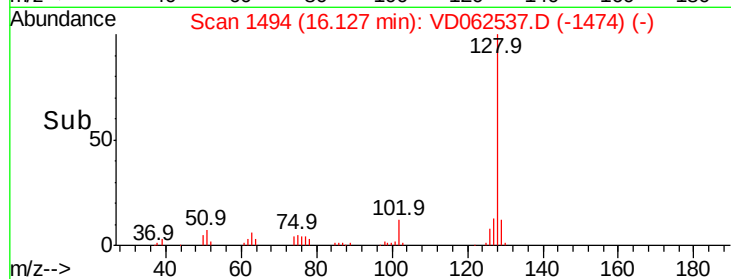
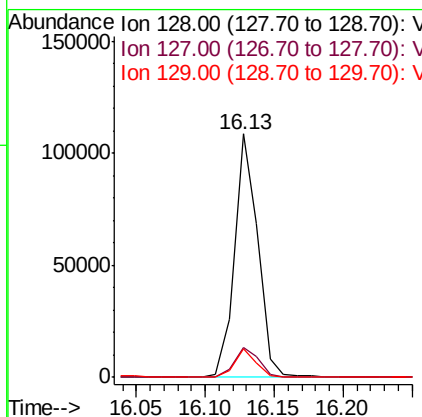
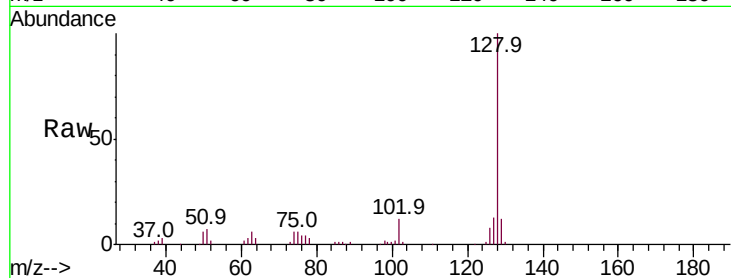




#95  
Naphthalene  
Concen: 16.623 ug/l  
RT: 16.13 min Scan# 1494  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0528SBS01

Tot Ion:128 Resp: 127806  
Ion Ratio Lower Upper  
128 100  
127 12.5 9.8 14.8  
129 11.6 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 15.665 ug/l  
RT: 16.27 min Scan# 1509  
Delta R.T. -0.01 min  
Lab File: VD062537.D  
Acq: 28 May 2019 14:31

Tgt Ion:180 Resp: 72256  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.0 141.0  
145 32.4 17.0 51.0

