

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\  
 Data File : VD063079.D  
 Acq On : 15 Jul 2019 12:50  
 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Quant Time: Jul 16 07:30:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D071519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:23:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.04  | 168  | 782355   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1061280  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 867325   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 474223   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 739279   | 84.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 169.12% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 778262   | 84.53 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 169.06% |          |
| 50) Toluene-d8              | 10.40 | 98   | 1694053  | 85.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 171.96% |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 735067   | 81.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 162.74% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 617118   | 62.639  | ug/l   | 98     |
| 3) Chloromethane              | 1.75 | 50   | 491279   | 65.250  | ug/l   | 90     |
| 4) Vinyl Chloride             | 1.84 | 62   | 543414   | 72.918  | ug/l   | 98     |
| 5) Bromomethane               | 2.14 | 94   | 222740   | 65.562  | ug/l   | 97     |
| 6) Chloroethane               | 2.25 | 64   | 279772   | 82.273  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 1100091  | 71.635  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.86 | 74   | 183916   | 94.867  | ug/l   | 83     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.13 | 101  | 651411   | 78.935  | ug/l   | 97     |
| 10) Methyl Iodide             | 3.28 | 142  | 879045   | 80.878  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.07 | 59   | 213610   | 511.202 | ug/l # | 93     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 477985   | 77.615  | ug/l   | 90     |
| 13) Acrolein                  | 3.03 | 56   | 35891    | 102.554 | ug/l   | 92     |
| 14) Allyl chloride            | 3.60 | 41   | 782806   | 84.344  | ug/l   | 97     |
| 15) Acrylonitrile             | 4.19 | 53   | 502944   | 530.441 | ug/l   | 96     |
| 16) Acetone                   | 3.22 | 43   | 1000189  | 493.309 | ug/l   | 99     |
| 17) Carbon Disulfide          | 3.36 | 76   | 1286431  | 66.698  | ug/l   | 98     |
| 18) Methyl Acetate            | 3.63 | 43   | 240851   | 91.036  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 1284639  | 93.251  | ug/l   | 99     |
| 20) Methylene Chloride        | 3.80 | 84   | 555804   | 82.517  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 4.20 | 96   | 536204   | 81.387  | ug/l   | 98     |
| 22) Diisopropyl ether         | 5.11 | 45   | 1715844  | 89.094  | ug/l   | 95     |
| 23) Vinyl Acetate             | 5.05 | 43   | 5551311  | 462.700 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 4.97 | 63   | 1049029  | 84.860  | ug/l   | 99     |
| 25) 2-Butanone                | 6.06 | 43   | 942138   | 559.008 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 1113365  | 84.634  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 617057   | 86.272  | ug/l   | 90     |
| 28) Bromochloromethane        | 6.43 | 49   | 359396   | 81.360  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 395646   | 499.324 | ug/l   | 99     |
| 30) Chloroform                | 6.65 | 83   | 1252833  | 83.484  | ug/l   | 99     |
| 31) Cyclohexane               | 6.95 | 56   | 621645   | 77.782  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 6.86 | 97   | 1194055  | 77.311  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 827580   | 82.278  | ug/l   | 96     |
| 37) Ethyl Acetate             | 6.18 | 43   | 399996   | 84.806  | ug/l # | 97     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 1356800  | 89.161  | ug/l   | 96     |

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 Operator : VA/AP  
 Sample : VSTDIC075  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC075

Quant Time: Jul 16 07:30:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D071519S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 16 07:23:20 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 8.86  | 83   | 695992   | 79.363   | ug/l   | 94       |
| 40) Benzene                    | 7.45  | 78   | 1737920  | 84.623   | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.44  | 41   | 511312   | 93.733   | ug/l # | 88       |
| 42) 1,2-Dichloroethane         | 7.57  | 62   | 971981   | 87.807   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 549683   | 100.039  | ug/l # | 99       |
| 44) Trichloroethene            | 8.53  | 130  | 667953   | 84.167   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 441498   | 86.648   | ug/l   | 94       |
| 46) Dibromomethane             | 9.05  | 93   | 381774   | 86.574   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.37  | 83   | 998798   | 88.266   | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.11  | 41   | 336016   | 86.674   | ug/l   | 89       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 60919    | 1851.730 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 1956625  | 501.101  | ug/l   | 100      |
| 52) Toluene                    | 10.50 | 92   | 1144880  | 83.663   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 862924   | 91.225   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 879930   | 86.259   | ug/l   | 96       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 425451   | 88.836   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 500684   | 97.635   | ug/l   | 95       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 651001   | 90.294   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 1335038  | 487.282  | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 1407078  | 498.733  | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.68 | 129  | 803762   | 89.965   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 538045   | 95.942   | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.25 | 164  | 567485   | 78.966   | ug/l   | 97       |
| 65) Chlorobenzene              | 12.39 | 112  | 1367547  | 82.950   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 711679   | 92.551   | ug/l   | 98       |
| 67) Ethyl Benzene              | 12.52 | 91   | 2570632  | 87.258   | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.66 | 106  | 1889784  | 185.350  | ug/l   | 98       |
| 69) o-Xylene                   | 13.04 | 106  | 825109   | 87.793   | ug/l   | 99       |
| 70) Styrene                    | 13.07 | 104  | 1458077  | 87.534   | ug/l   | 98       |
| 71) Bromoform                  | 13.23 | 173  | 520099   | 97.521   | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.39 | 105  | 2551616  | 82.228   | ug/l   | 97       |
| 74) N-amyl acetate             | 13.26 | 43   | 787190   | 101.375  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 517341   | 98.461   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 549153   | 95.139   | ug/l   | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 720250   | 85.683   | ug/l   | 80       |
| 78) n-propylbenzene            | 13.77 | 91   | 2826508  | 77.084   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 1751929  | 83.933   | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 2066376  | 78.675   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 140876   | 93.367   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 1951593  | 77.803   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 2462605  | 83.565   | ug/l   | 88       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 2138246  | 79.987   | ug/l   | 95       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 2654745  | 83.152   | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 2452524  | 85.168   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 1339278  | 89.071   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 1238965  | 82.360   | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.79 | 91   | 2257772  | 82.634   | ug/l   | 99       |
| 90) Hexachloroethane           | 15.00 | 117  | 696077   | 88.965   | ug/l   | 74       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 1155523  | 88.477   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 99656    | 98.443   | ug/l   | 85       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071519\  
Data File : VD063079.D  
Acq On : 15 Jul 2019 12:50  
Operator : VA/AP  
Sample : VSTDICC075  
Misc : 5.00g/5ml/MSVOA D/SOIL  
ALS Vial : 6 Sample Multiplier: 1

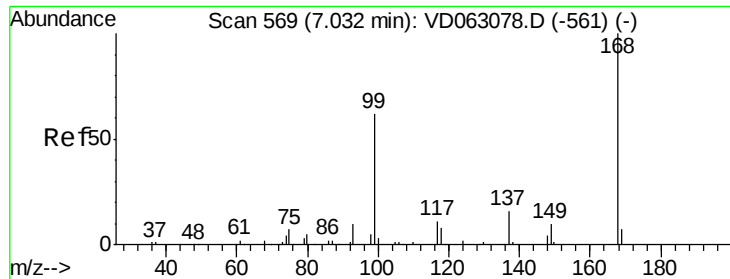
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDICC075

Quant Time: Jul 16 07:30:13 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D071519S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 16 07:23:20 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.93 | 180  | 902961   | 88.092 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 667430   | 86.105 | ug/l  | 97       |
| 95) Naphthalene            | 16.12 | 128  | 1415659  | 99.735 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 732646   | 92.153 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

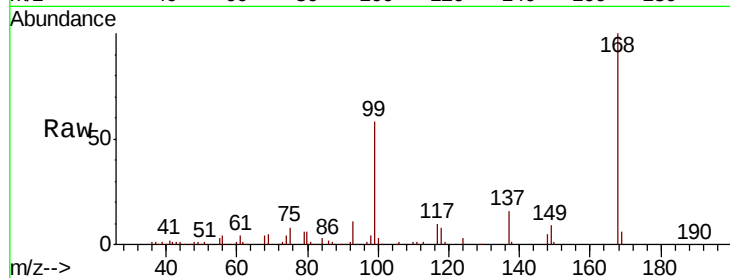
VSTDIC075

Tot Ion:168 Resp: 782355

Ion Ratio Lower Upper

168 100

99 58.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

250000

200000

150000

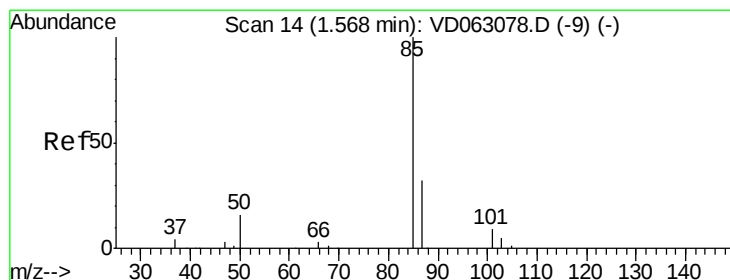
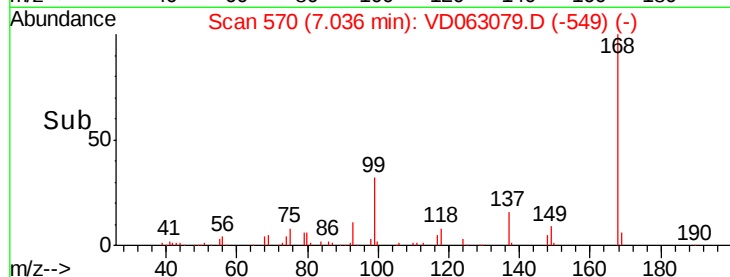
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 62.639 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.00 min

Lab File: VD063079.D

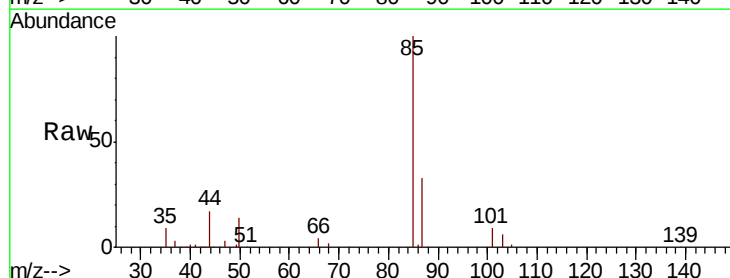
Acq: 15 Jul 2019 12:50

Tgt Ion: 85 Resp: 617118

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

250000

200000

150000

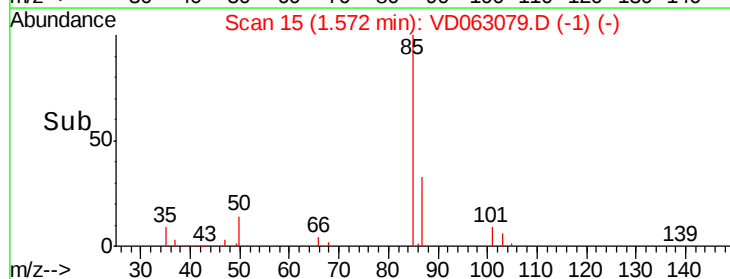
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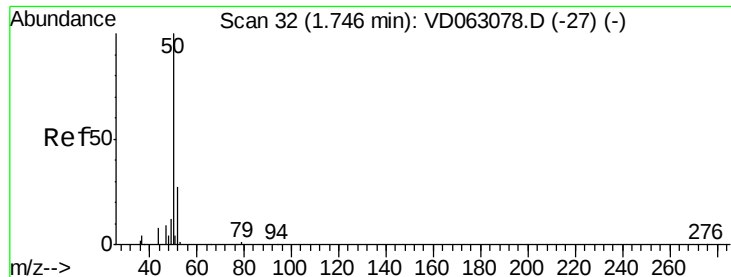
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 65.250 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

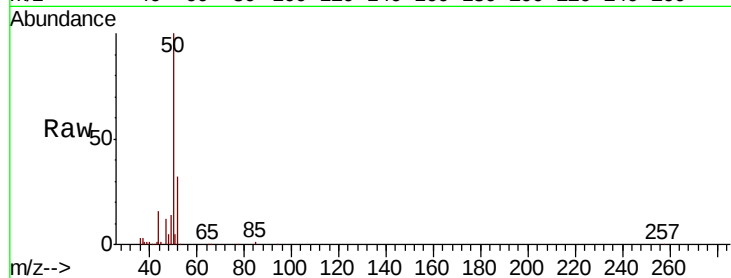
VSTDIC075

Tot Ion: 50 Resp: 491279

Ion Ratio Lower Upper

50 100

52 32.2 21.4 32.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.75

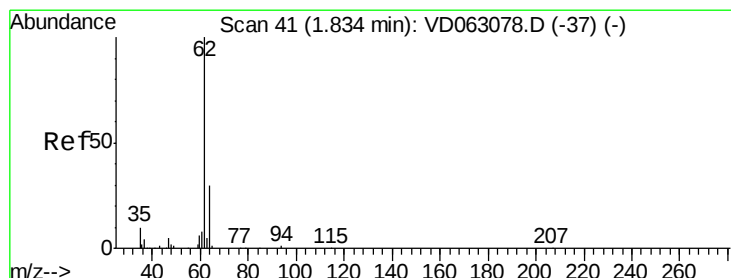
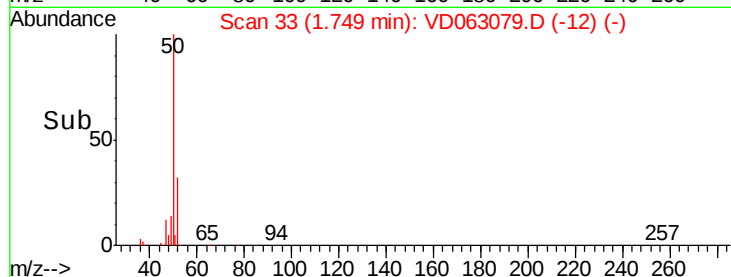
150000

100000

50000

0

Time--> 1.60 1.70 1.80 1.90



#4

Vinyl Chloride

Concen: 72.918 ug/l

RT: 1.84 min Scan# 42

Delta R.T. 0.00 min

Lab File: VD063079.D

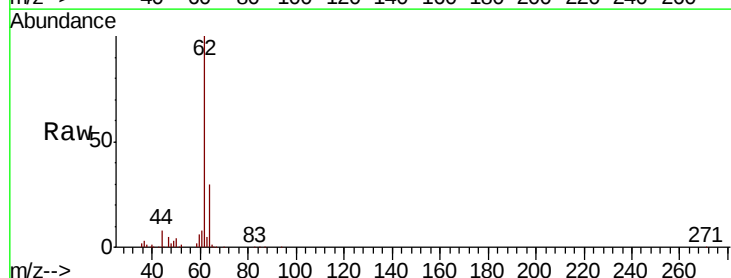
Acq: 15 Jul 2019 12:50

Tgt Ion: 62 Resp: 543414

Ion Ratio Lower Upper

62 100

64 29.6 24.4 36.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC

1.84

300000

250000

200000

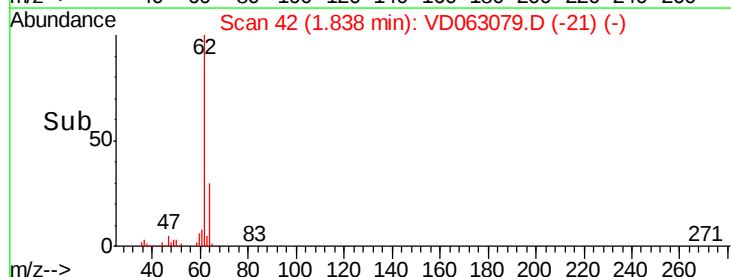
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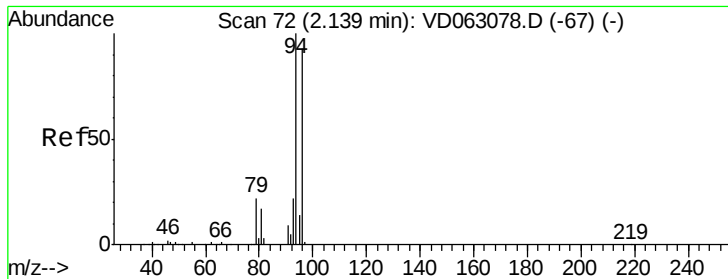
100000

50000

0

Time--> 1.70 1.80 1.90 2.00





#5

Bromomethane

Concen: 65.562 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

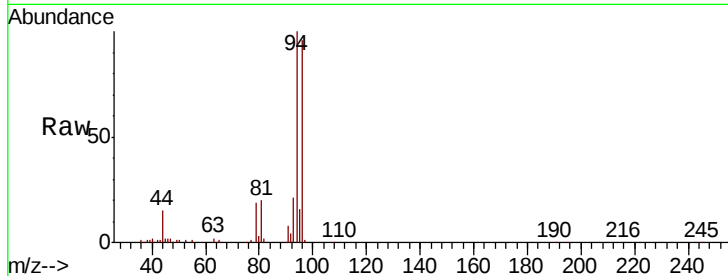
Tot Ion: 94 Resp: 222740

Ion Ratio Lower Upper

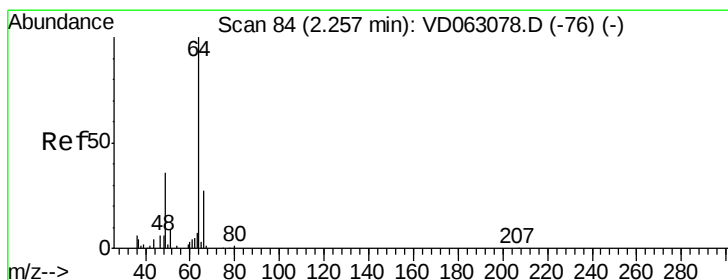
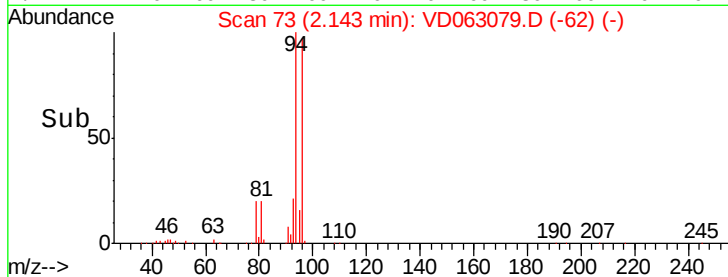
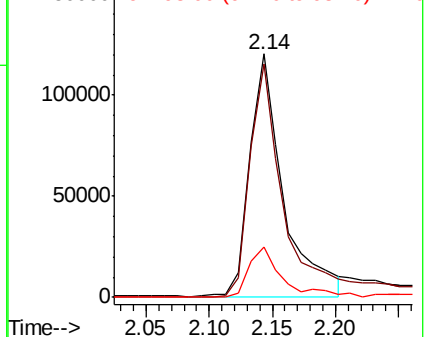
94 100

96 96.0 74.2 111.2

93 20.5 17.8 26.6



Abundance Ion 94.00 (93.70 to 94.70): VDC  
Ion 96.00 (95.70 to 96.70): VDC  
Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 82.273 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063079.D

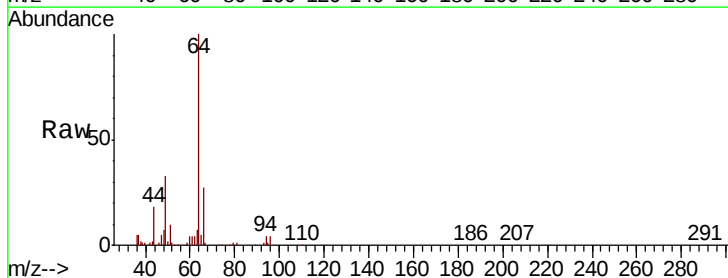
Acq: 15 Jul 2019 12:50

Tgt Ion: 64 Resp: 279772

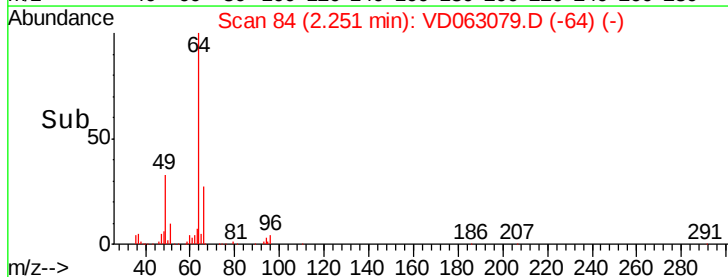
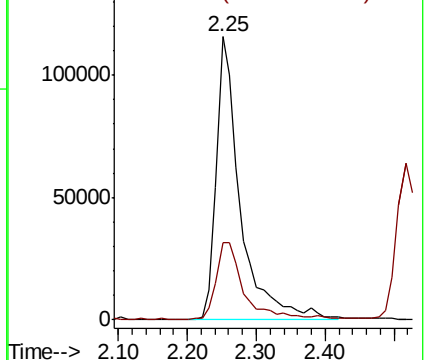
Ion Ratio Lower Upper

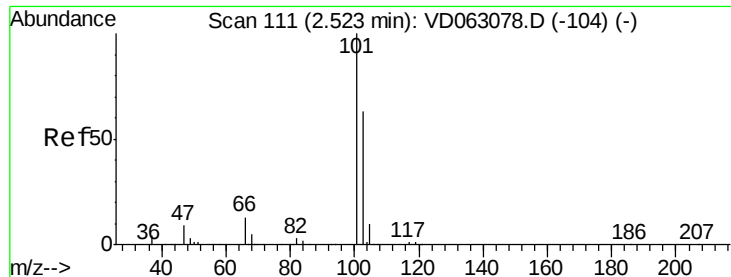
64 100

66 27.4 22.5 33.7



Abundance Ion 63.95 (63.65 to 64.65): VDC  
Ion 65.90 (65.60 to 66.60): VDC



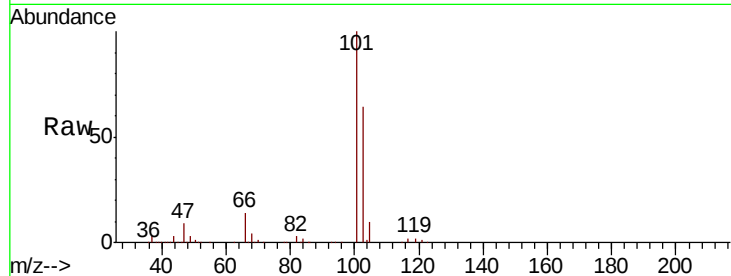


#7

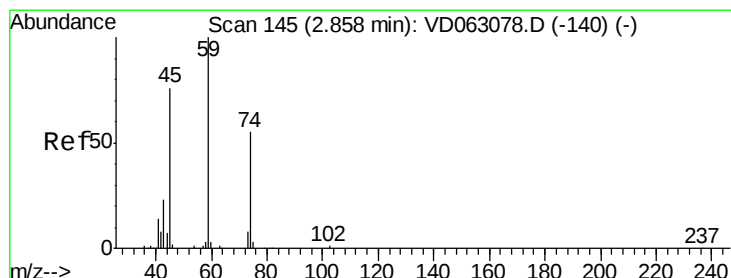
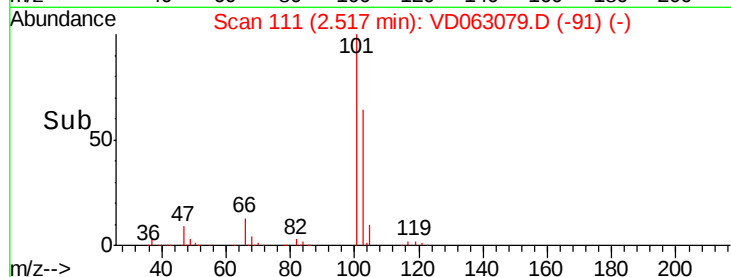
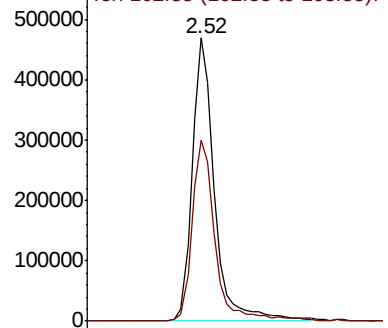
Trichlorofluoromethane  
 Concen: 71.635 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tot Ion:101 Resp: 1100091  
 Ion Ratio Lower Upper  
 101 100  
 103 63.7 50.6 76.0



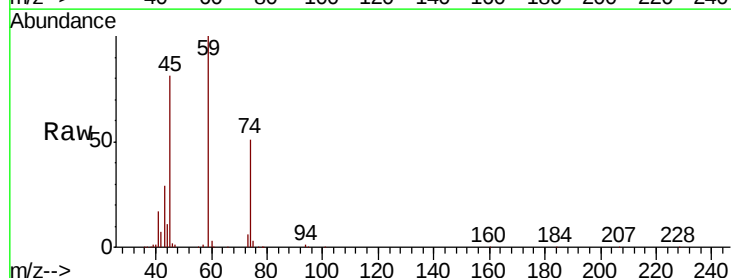
Abundance Ion 100.85 (100.55 to 101.55): V  
 Ion 102.85 (102.55 to 103.55): V



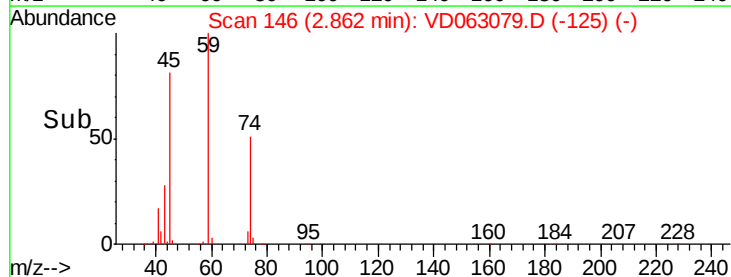
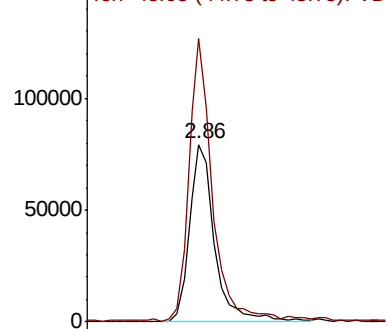
#8

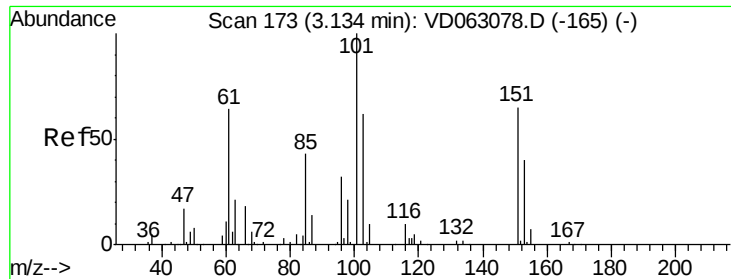
Diethyl Ether  
 Concen: 94.867 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 74 Resp: 183916  
 Ion Ratio Lower Upper  
 74 100  
 45 159.7 69.5 208.7



Abundance Ion 74.00 (73.70 to 74.70): VDC  
 Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 78.935 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

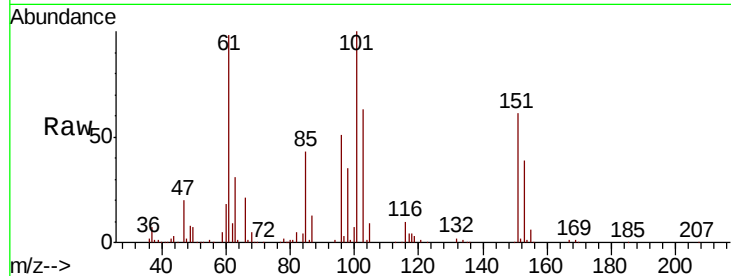
Tot Ion:101 Resp: 651411

Ion Ratio Lower Upper

101 100

85 43.3 34.6 51.8

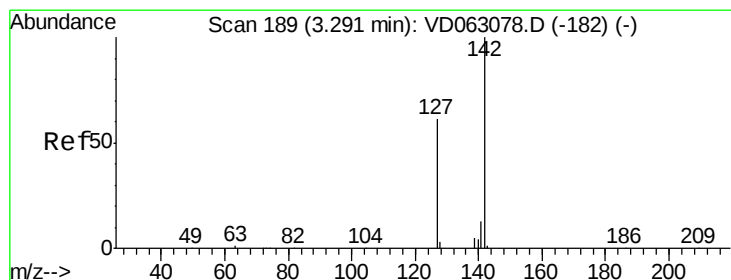
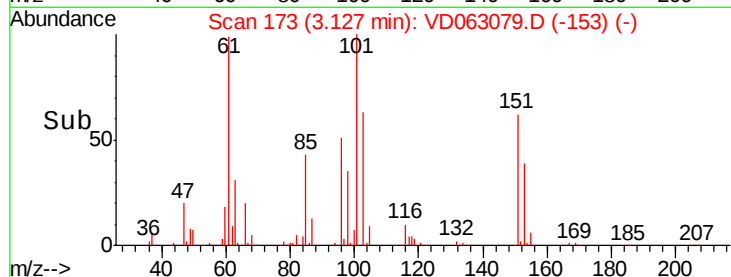
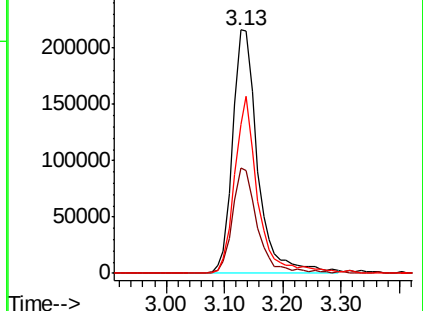
151 61.4 52.4 78.6



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: 80.878 ug/l

RT: 3.28 min Scan# 189

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

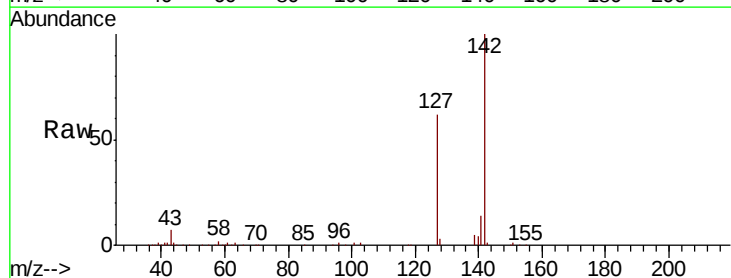
Tgt Ion:142 Resp: 879045

Ion Ratio Lower Upper

142 100

127 61.6 48.6 73.0

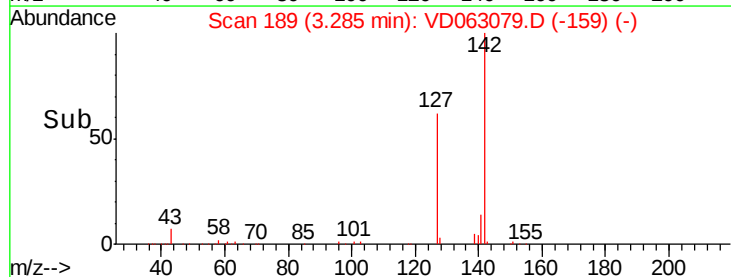
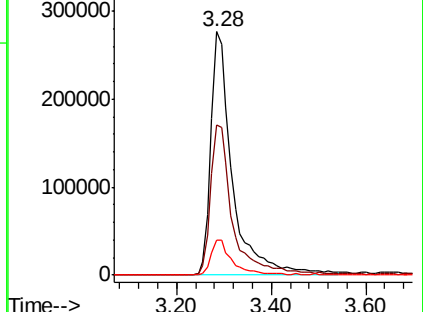
141 14.3 10.6 16.0

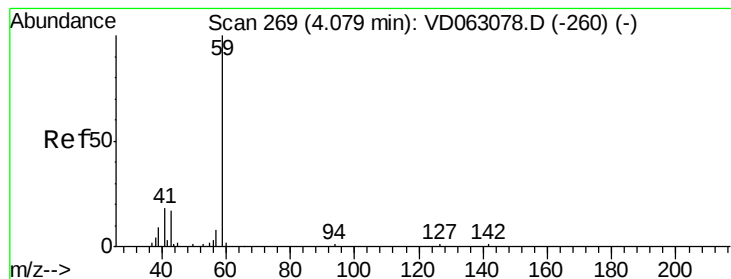


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#11

Tert butyl alcohol

Concen: 511.202 ug/l

RT: 4.07 min Scan# 269

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

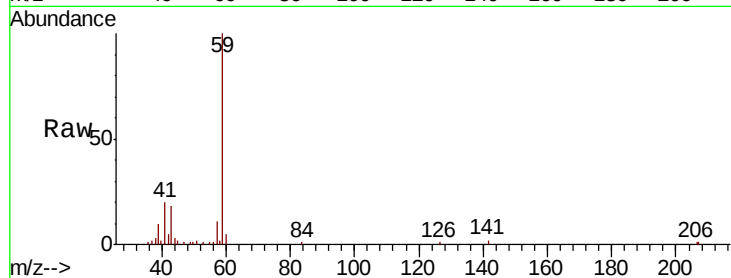
VSTDIC075

Tot Ion: 59 Resp: 213610

Ion Ratio Lower Upper

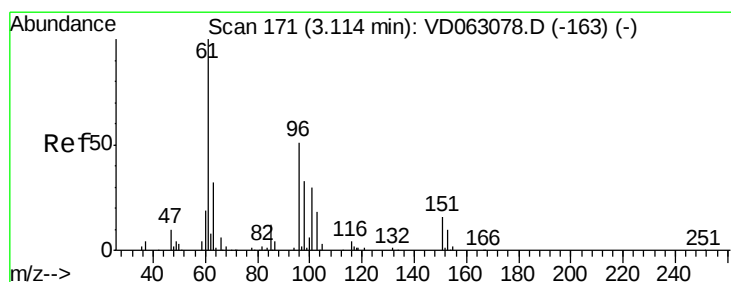
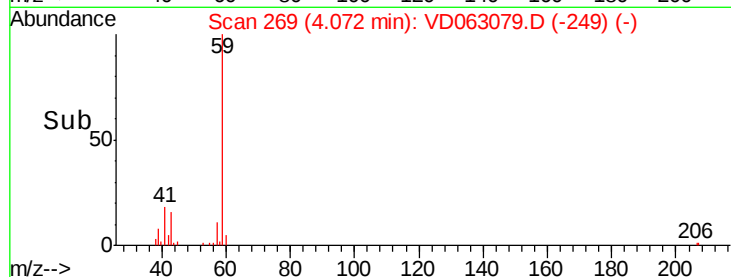
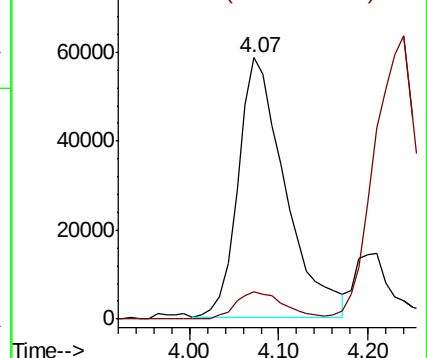
59 100

57 10.6 6.4 9.6#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#12

1,1-Dichloroethene

Concen: 77.615 ug/l

RT: 3.12 min Scan# 172

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

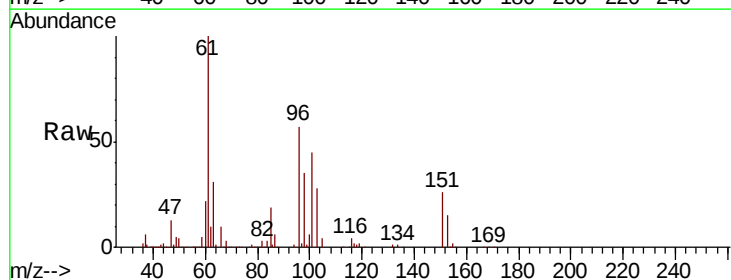
Tgt Ion: 96 Resp: 477985

Ion Ratio Lower Upper

96 100

61 176.7 155.5 233.3

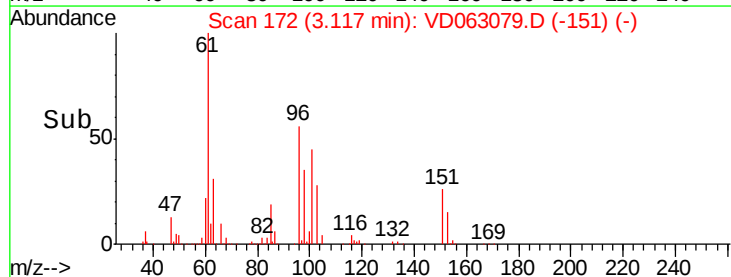
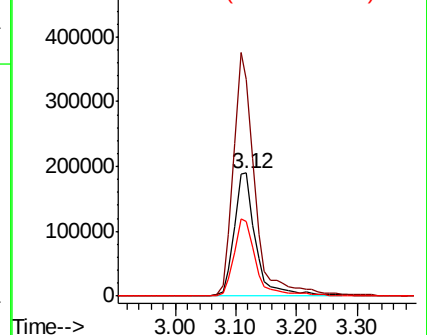
98 61.0 51.5 77.3

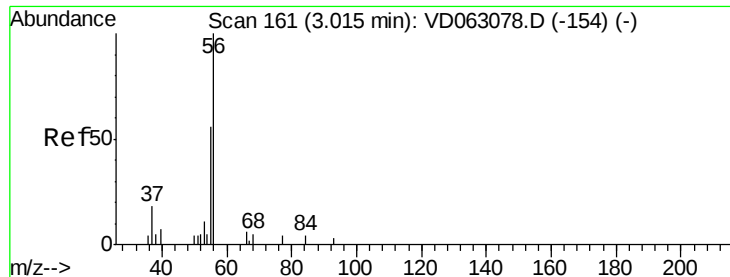


Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 102.554 ug/l

RT: 3.03 min Scan# 163

Delta R.T. 0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

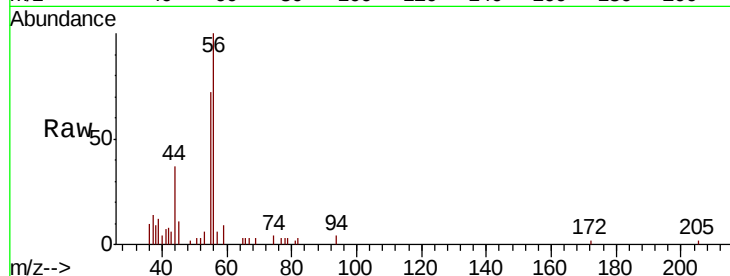
VSTDIC075

Tot Ion: 56 Resp: 35891

Ion Ratio Lower Upper

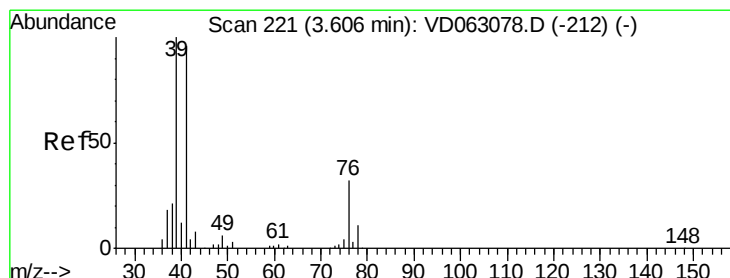
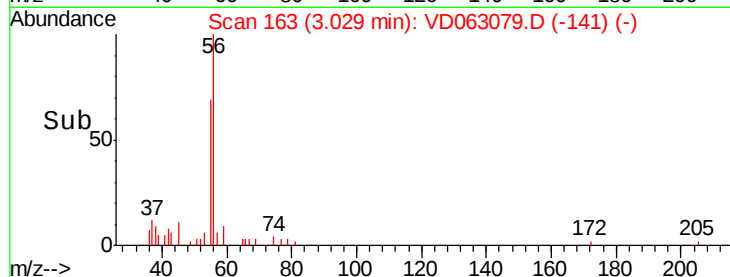
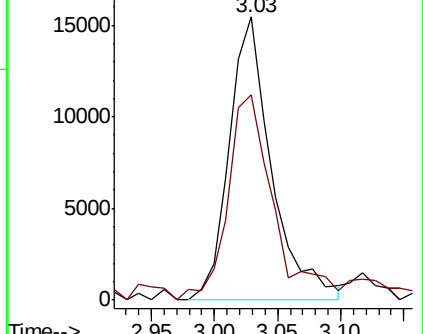
56 100

55 72.5 53.0 79.4



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 84.344 ug/l

RT: 3.60 min Scan# 221

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

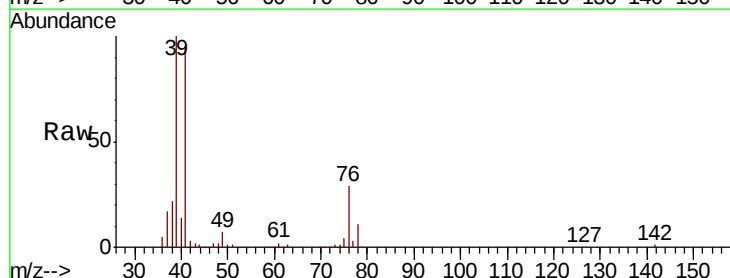
Tgt Ion: 41 Resp: 782806

Ion Ratio Lower Upper

41 100

39 105.2 83.5 125.3

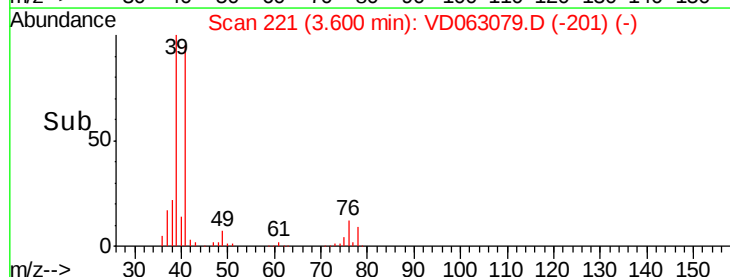
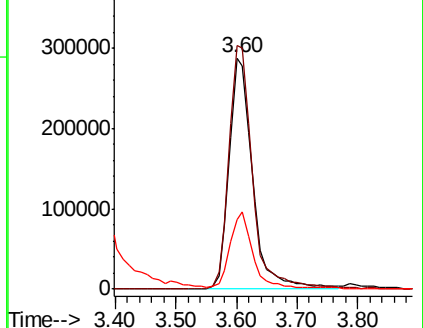
76 30.1 27.8 41.8

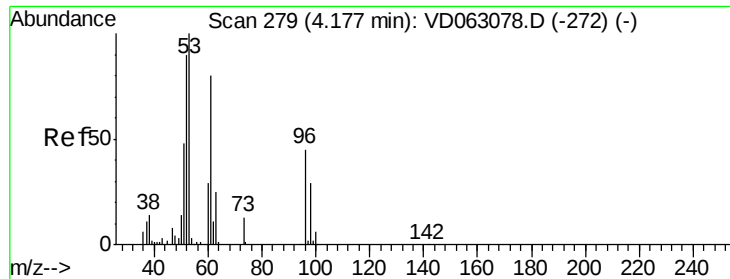


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 530.441 ug/l

RT: 4.19 min Scan# 281

Delta R.T. 0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

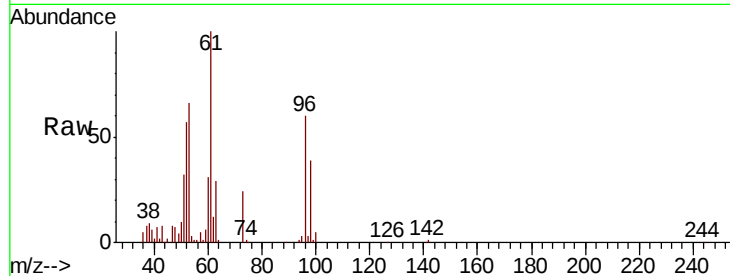
Tot Ion: 53 Resp: 502944

Ion Ratio Lower Upper

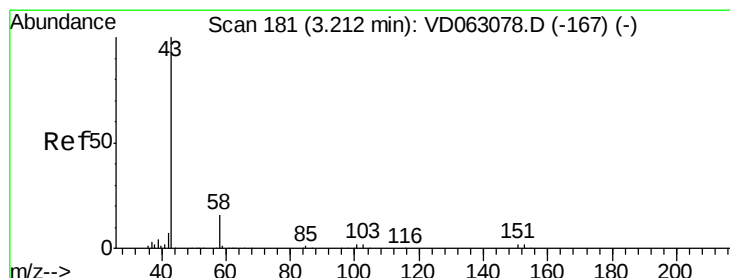
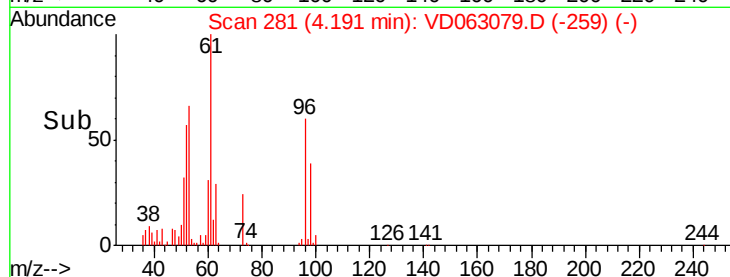
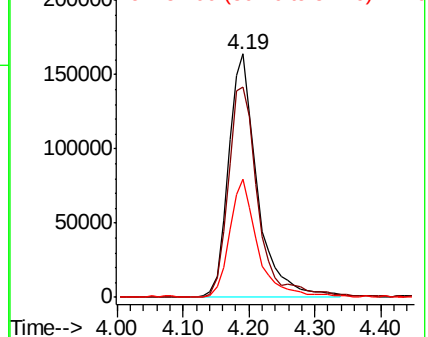
53 100

52 86.2 72.3 108.5

51 48.7 38.0 57.0



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: 493.309 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD063079.D

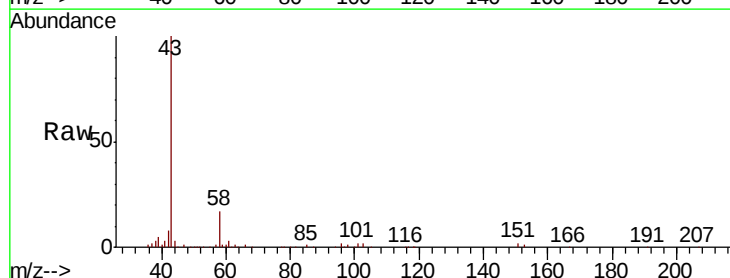
Acq: 15 Jul 2019 12:50

Tgt Ion: 43 Resp: 1000189

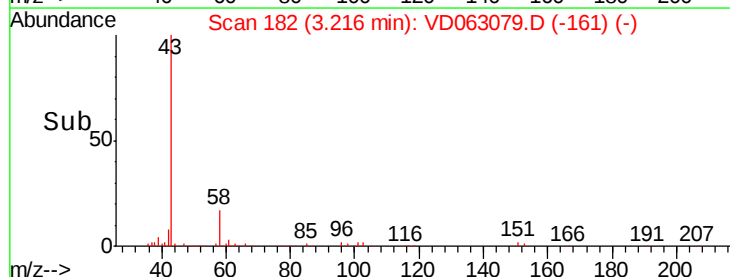
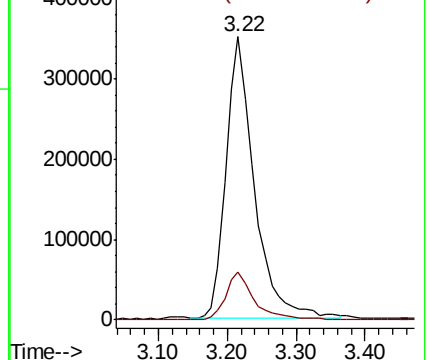
Ion Ratio Lower Upper

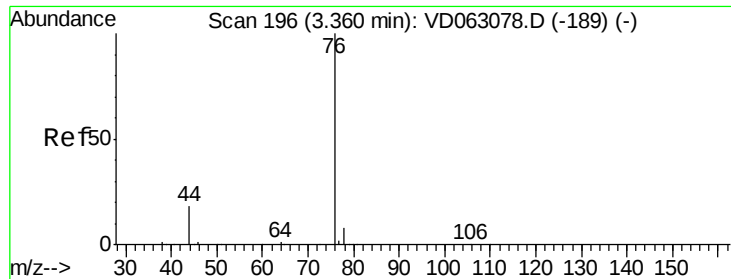
43 100

58 16.8 13.0 19.4



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

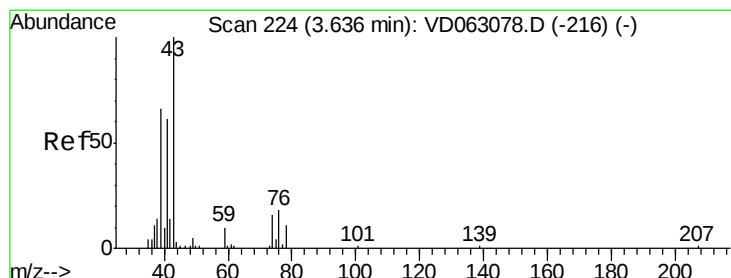
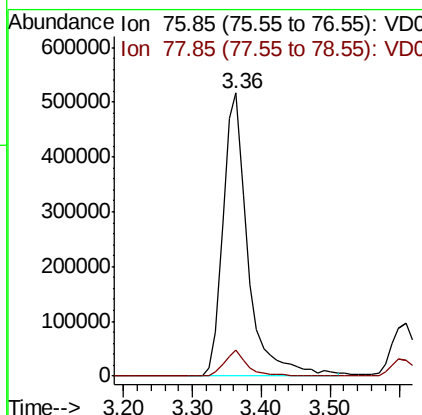
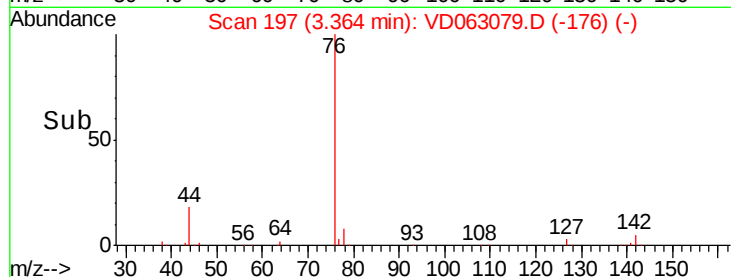
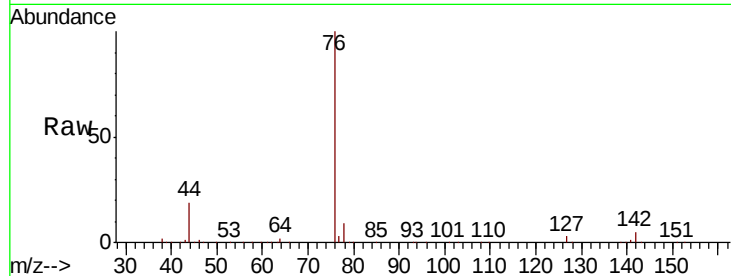




#17  
Carbon Disulfide  
Concen: 66.698 ug/l  
RT: 3.36 min Scan# 197  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

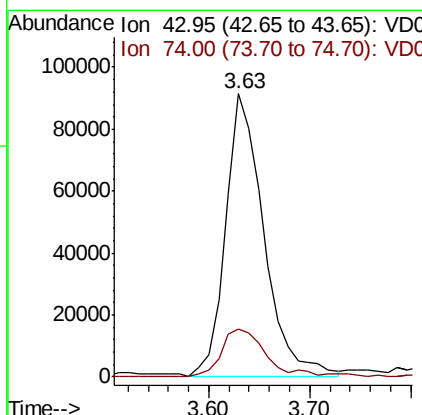
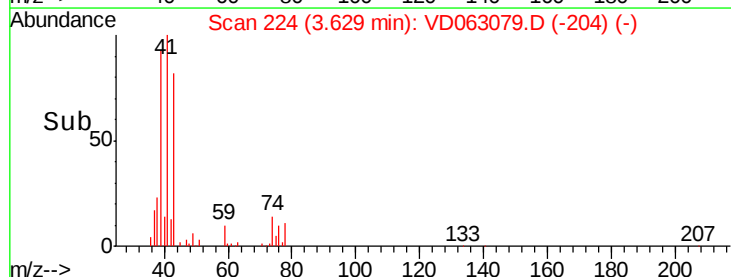
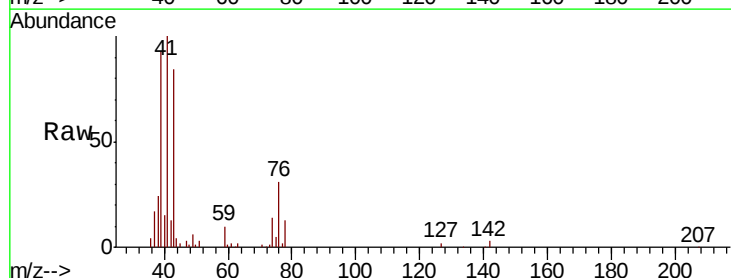
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

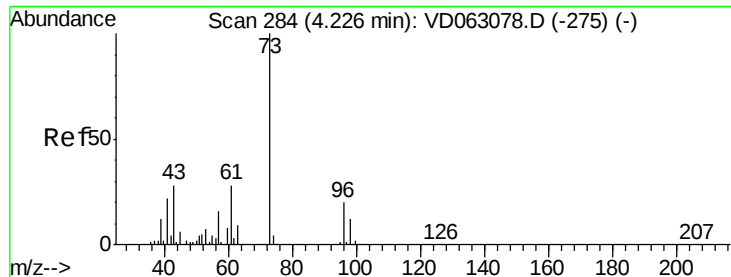
Tot Ion: 76 Resp: 1286431  
Ion Ratio Lower Upper  
76 100  
78 9.0 6.7 10.1



#18  
Methyl Acetate  
Concen: 91.036 ug/l  
RT: 3.63 min Scan# 224  
Delta R.T. -0.01 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 43 Resp: 240851  
Ion Ratio Lower Upper  
43 100  
74 16.7 12.5 18.7

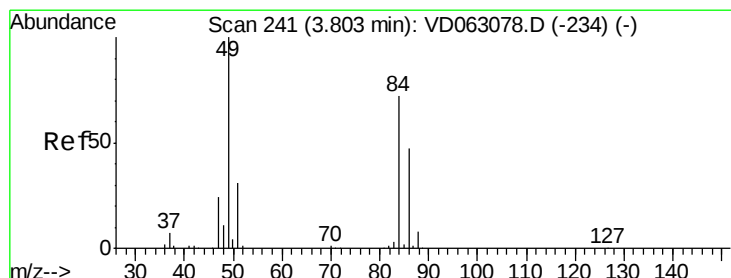
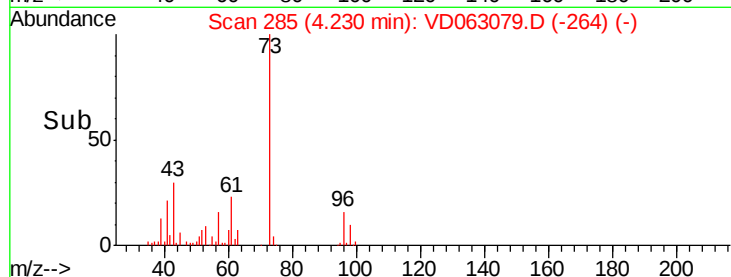
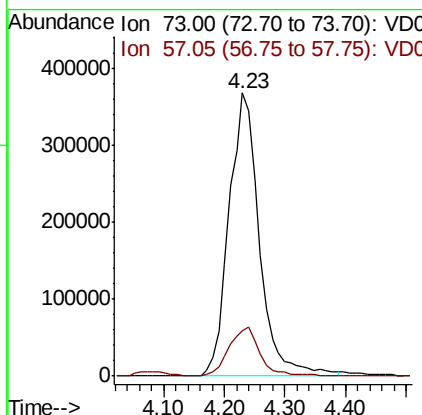
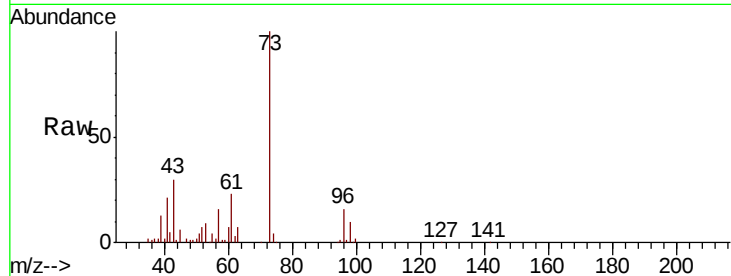




#19  
Methvl tert-butvl Ether  
Concen: 93.251 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

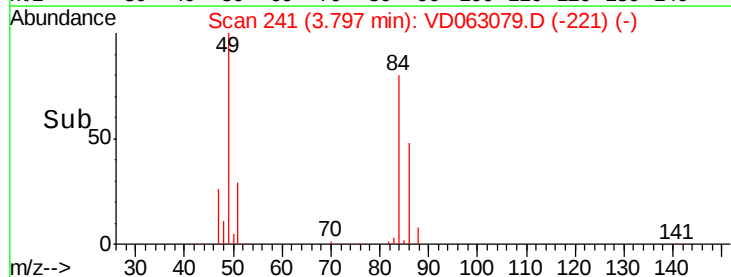
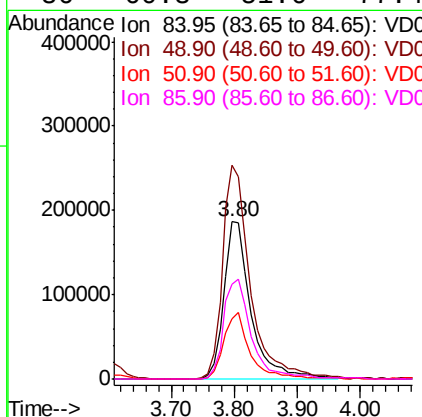
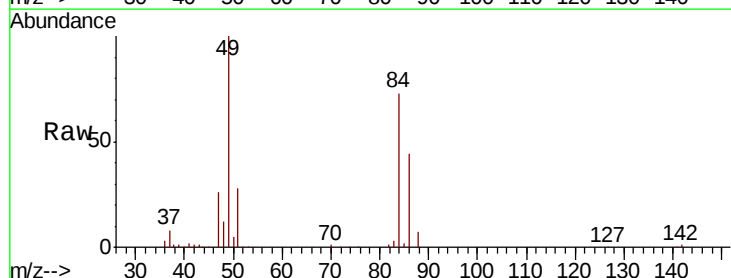
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

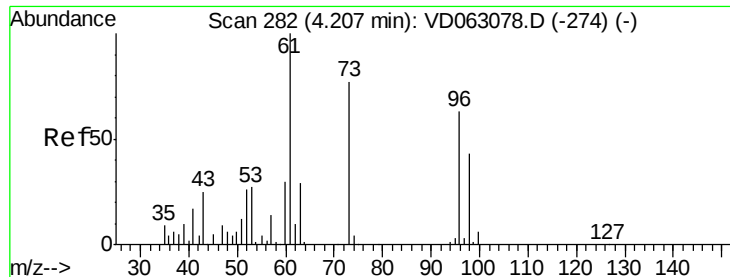
Tot Ion: 73 Resp: 1284639  
Ion Ratio Lower Upper  
73 100  
57 16.1 13.1 19.7



#20  
Methylene Chloride  
Concen: 82.517 ug/l  
RT: 3.80 min Scan# 241  
Delta R.T. -0.01 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 84 Resp: 555804  
Ion Ratio Lower Upper  
84 100  
49 136.1 110.5 165.7  
51 38.7 34.6 51.8  
86 60.3 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 81.387 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

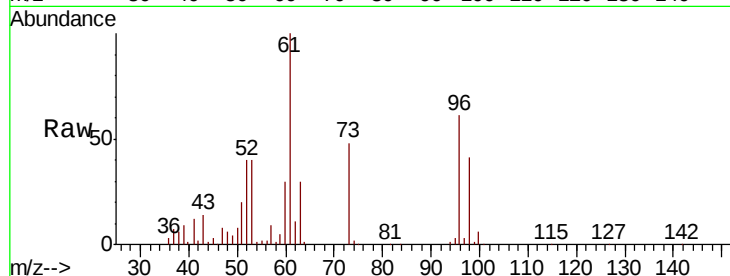
Tot Ion: 96 Resp: 536204

Ion Ratio Lower Upper

96 100

61 163.1 128.0 192.0

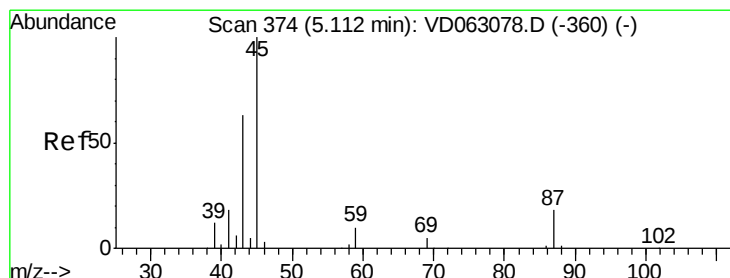
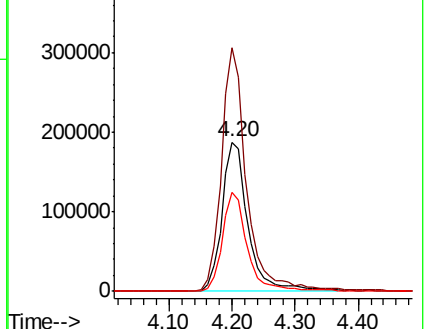
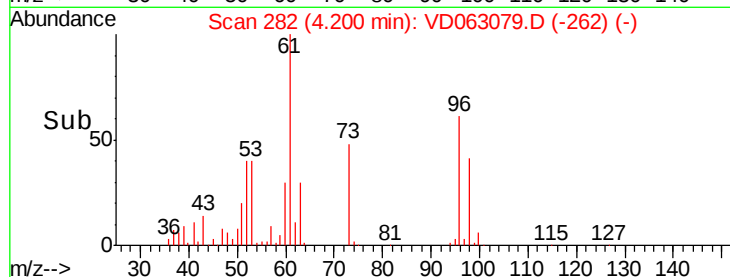
98 66.7 55.2 82.8



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: 89.094 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Tgt Ion: 45 Resp: 1715844

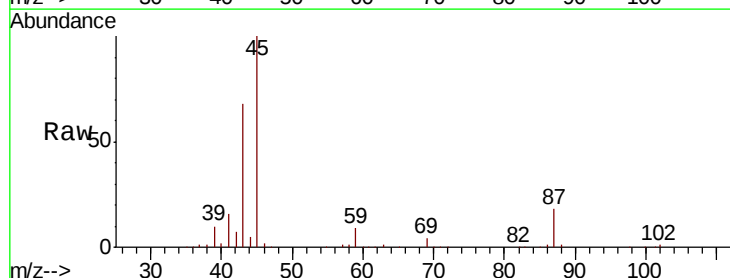
Ion Ratio Lower Upper

45 100

43 67.7 50.5 75.7

87 18.1 15.1 22.7

59 8.8 7.6 11.4

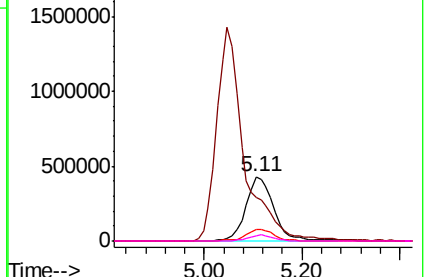
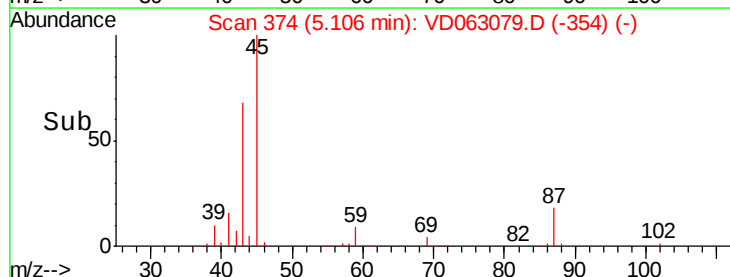


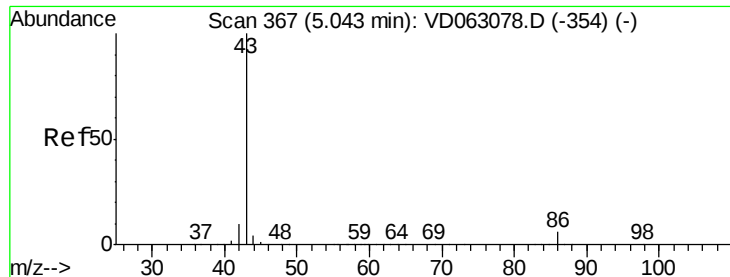
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 462.700 ug/l

RT: 5.05 min Scan# 368

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

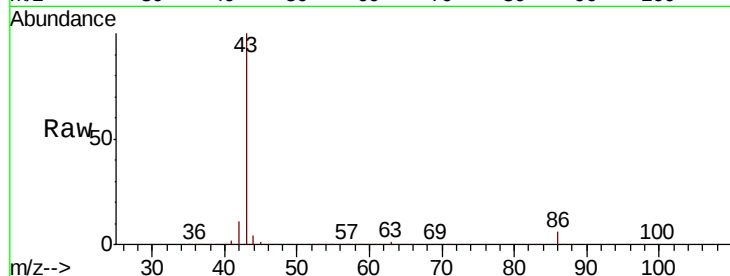
VSTDIC075

Tot Ion: 43 Resp: 5551311

Ion Ratio Lower Upper

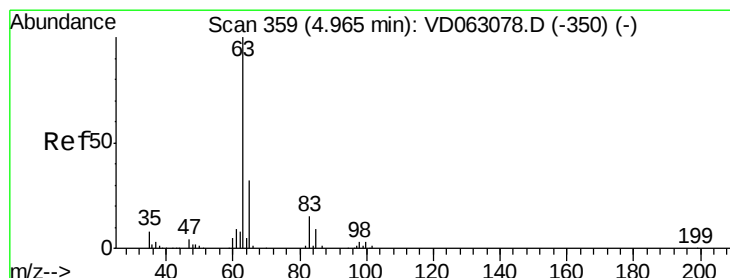
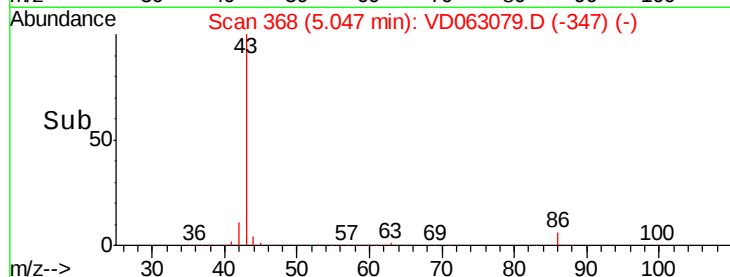
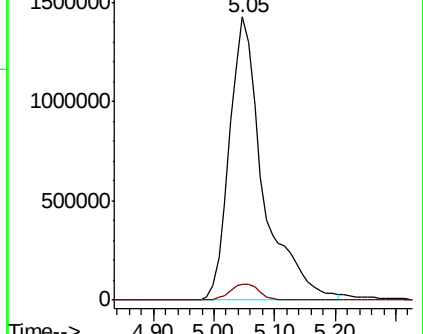
43 100

86 5.8 5.0 7.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 84.860 ug/l

RT: 4.97 min Scan# 360

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

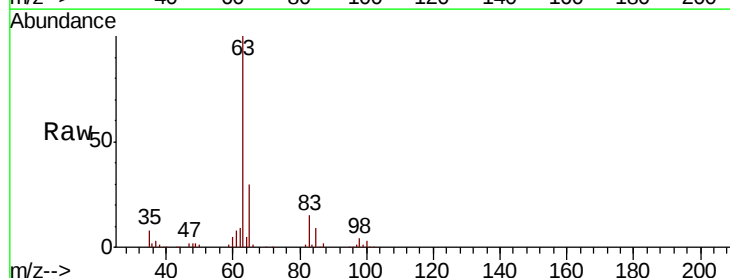
Tgt Ion: 63 Resp: 1049029

Ion Ratio Lower Upper

63 100

98 4.1 1.7 5.1

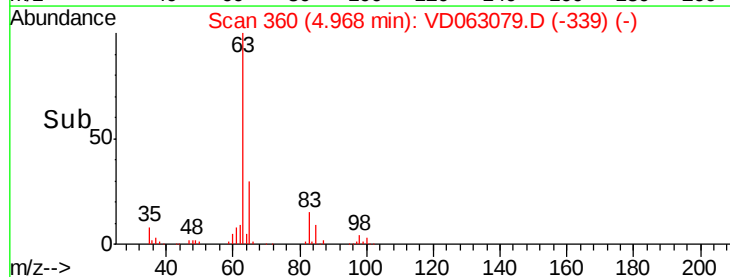
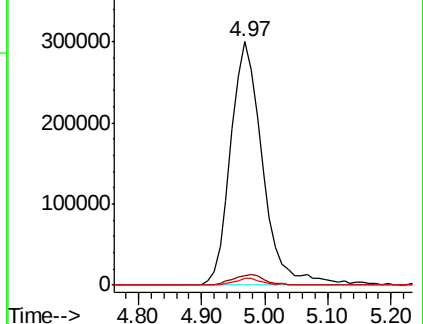
100 2.8 1.5 4.5

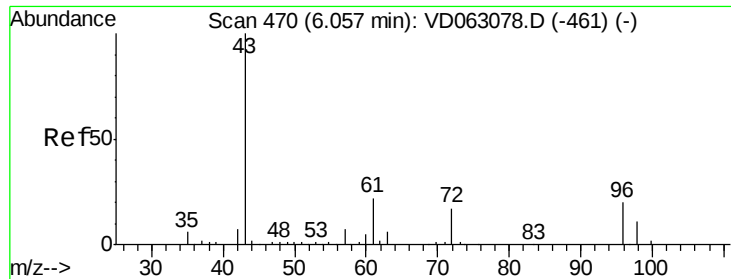


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 559.008 ug/l

RT: 6.06 min Scan# 471

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

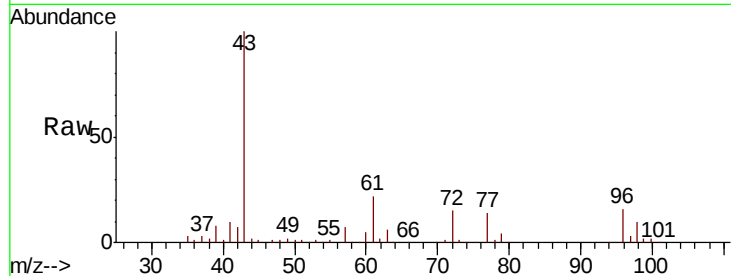
VSTDIC075

Tot Ion: 43 Resp: 942138

Ion Ratio Lower Upper

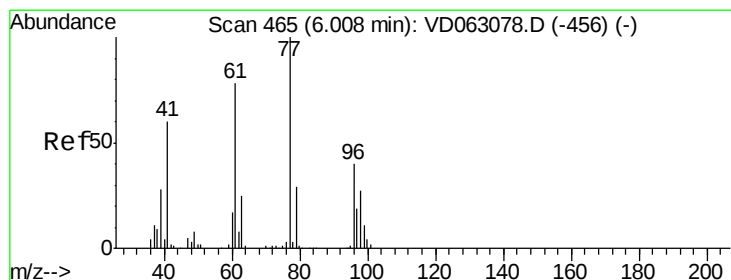
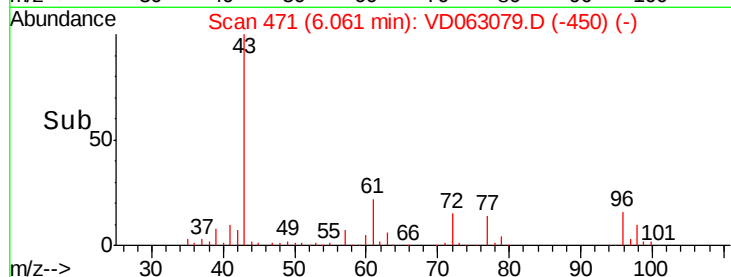
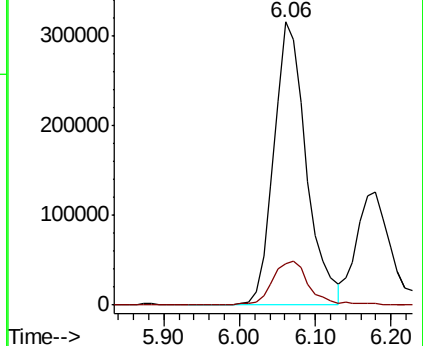
43 100

72 14.8 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 84.634 ug/l

RT: 6.01 min Scan# 466

Delta R.T. 0.00 min

Lab File: VD063079.D

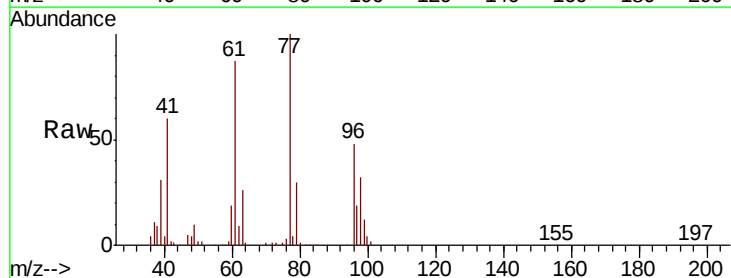
Acq: 15 Jul 2019 12:50

Tgt Ion: 77 Resp: 1113365

Ion Ratio Lower Upper

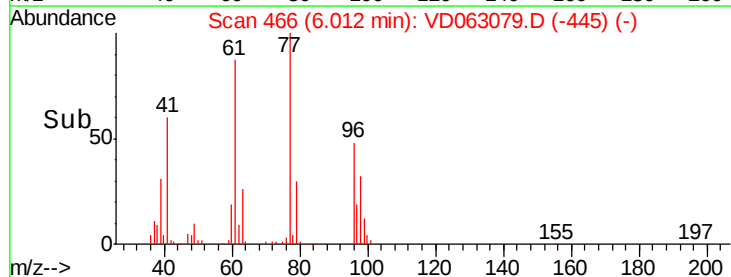
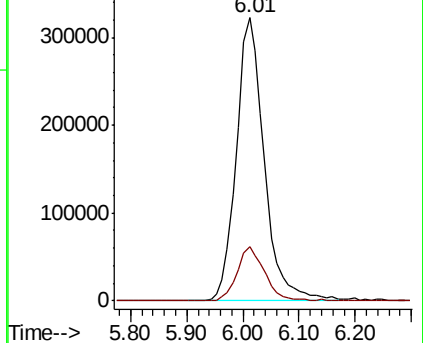
77 100

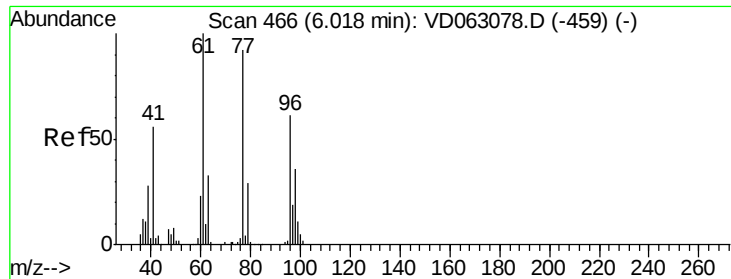
97 19.1 9.3 27.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



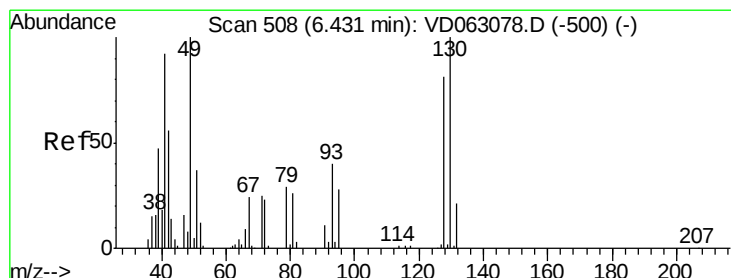
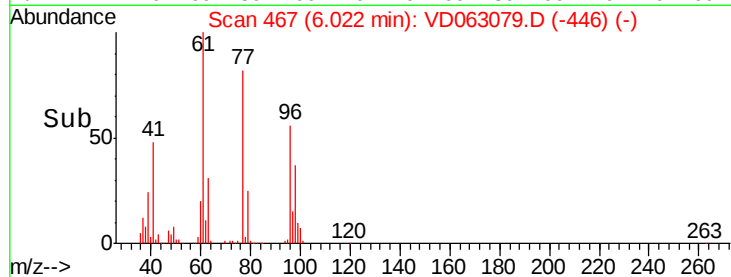
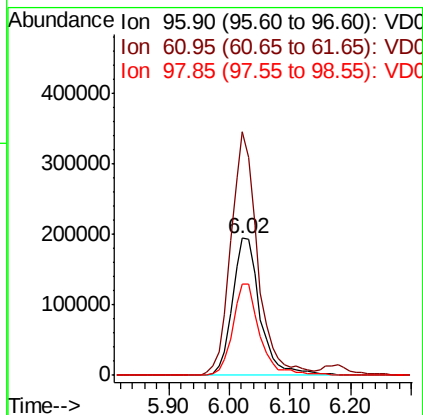
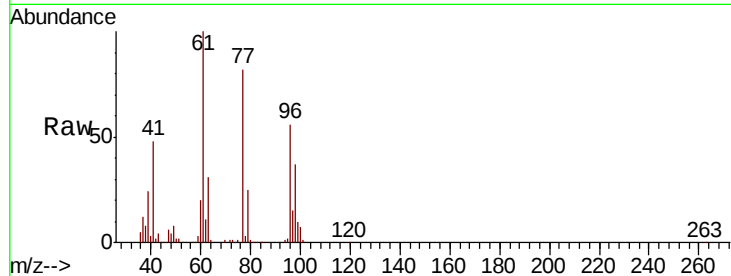


#27

cis-1,2-Dichloroethene  
Concen: 86.272 ug/l  
RT: 6.02 min Scan# 467  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

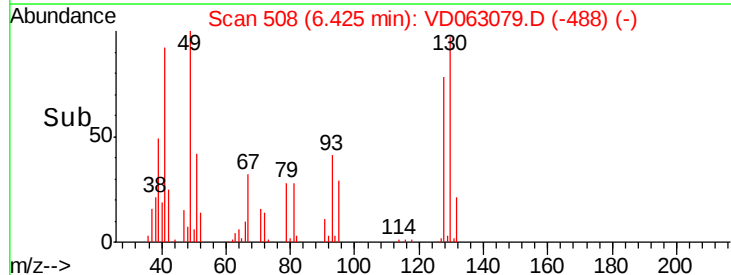
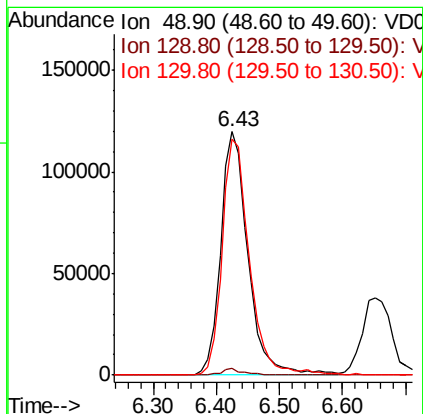
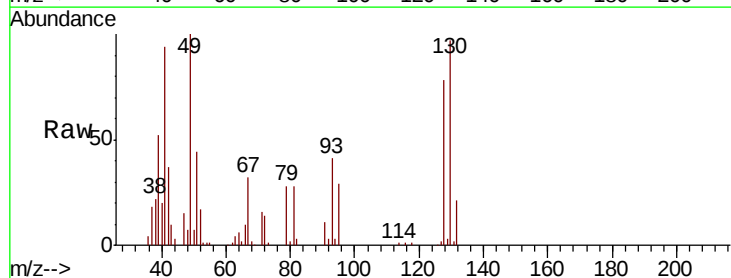
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 178.0 | 0.0   | 329.6 |
| 98      | 66.4  | 0.0   | 118.4 |

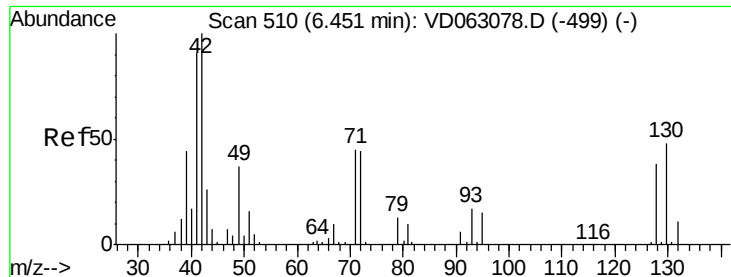


#28

Bromochloromethane  
Concen: 81.360 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. -0.01 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.6   | 0.0   | 3.6   |
| 130     | 96.8  | 80.3  | 120.5 |

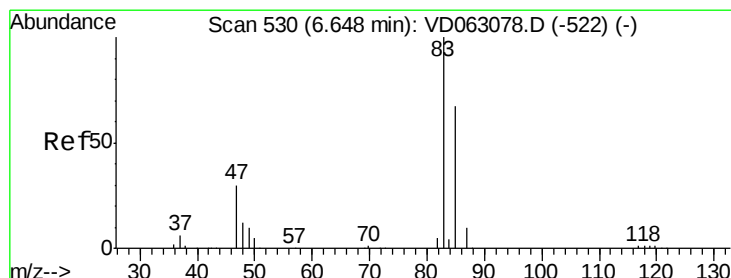
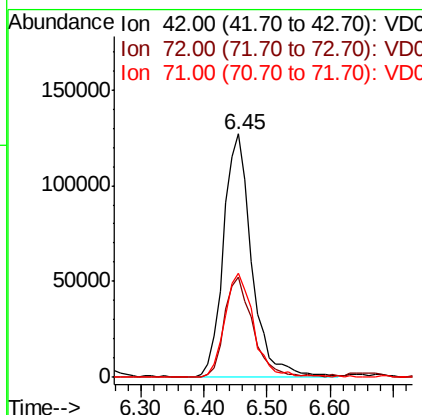
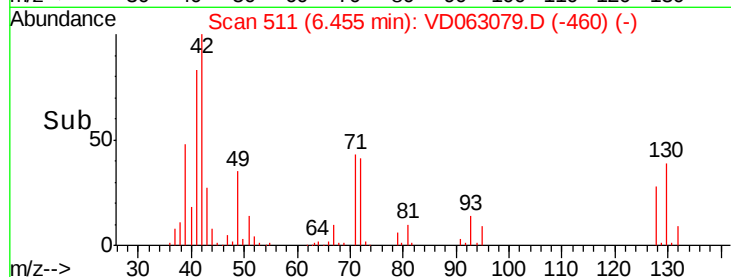
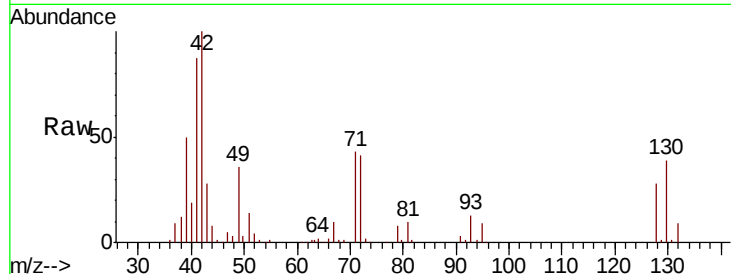




#29  
Tetrahydrofuran  
Concen: 499.324 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

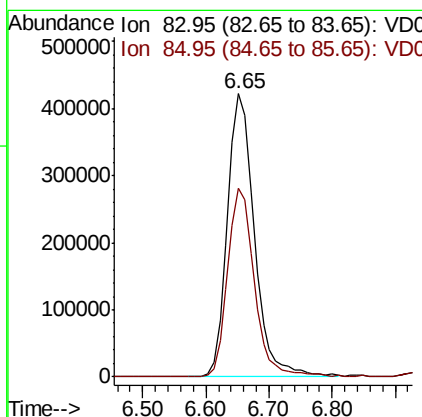
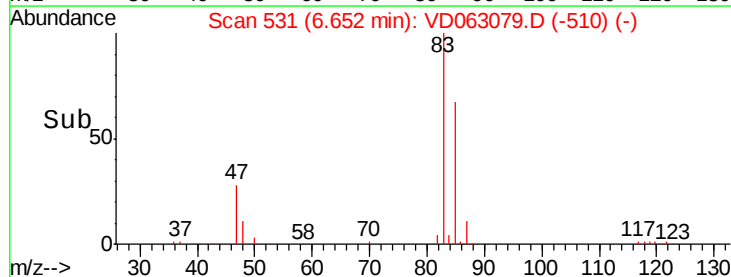
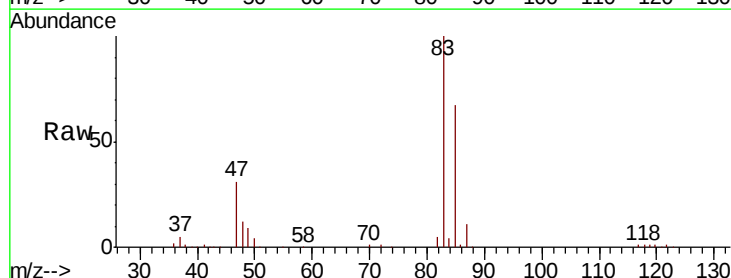
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

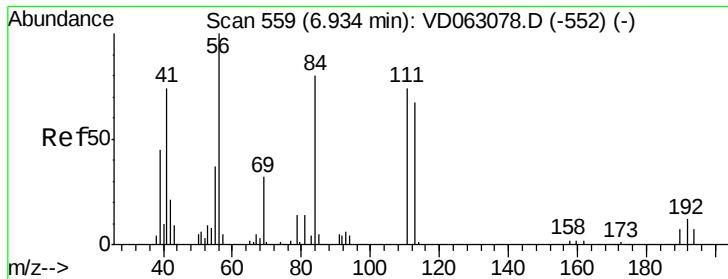
Tot Ion: 42 Resp: 395646  
Ion Ratio Lower Upper  
42 100  
72 41.5 33.7 50.5  
71 43.6 34.2 51.2



#30  
Chloroform  
Concen: 83.484 ug/l  
RT: 6.65 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 83 Resp: 1252833  
Ion Ratio Lower Upper  
83 100  
85 66.7 53.8 80.8





#31

Cyclohexane

Concen: 77.782 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

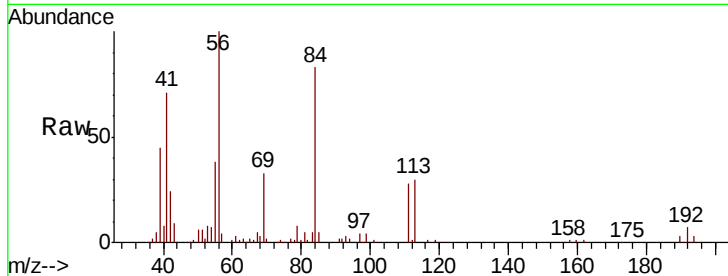
Tot Ion: 56 Resp: 621645

Ion Ratio Lower Upper

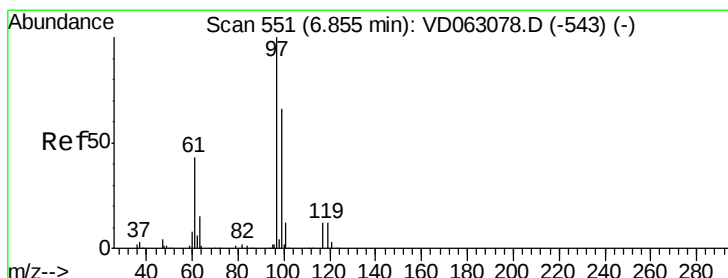
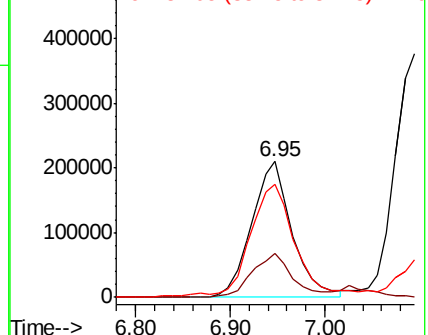
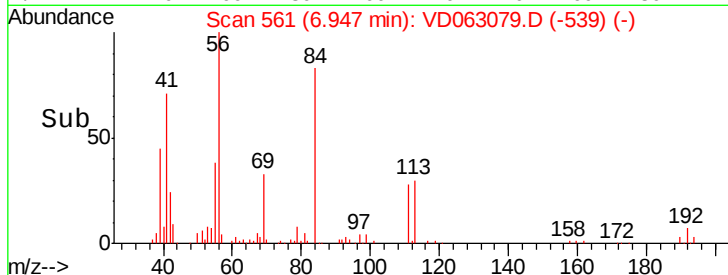
56 100

69 32.7 25.3 37.9

84 83.0 64.2 96.4



Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 77.311 ug/l

RT: 6.86 min Scan# 552

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

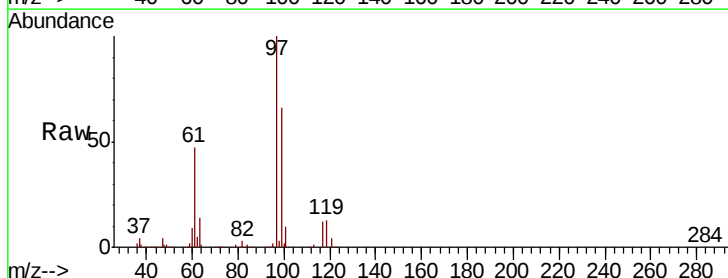
Tgt Ion: 97 Resp: 1194055

Ion Ratio Lower Upper

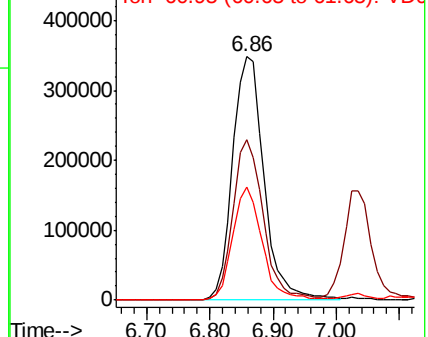
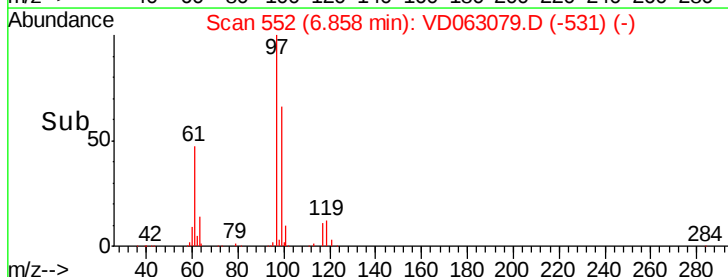
97 100

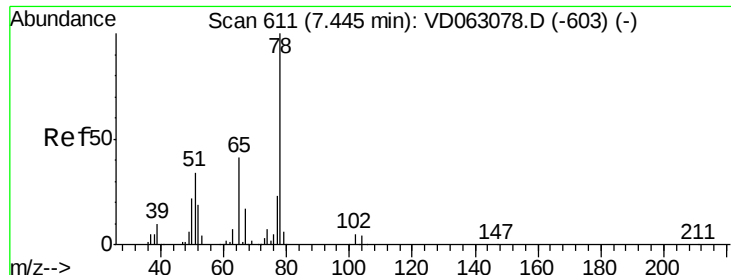
99 66.1 52.9 79.3

61 46.7 34.4 51.6



Abundance Ion 96.85 (96.55 to 97.55): VDC  
Ion 98.85 (98.55 to 99.55): VDC  
Ion 60.95 (60.65 to 61.65): VDC

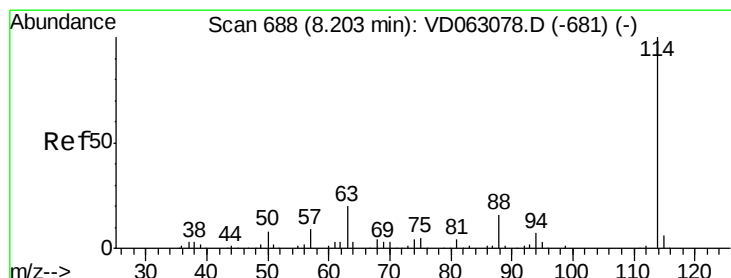
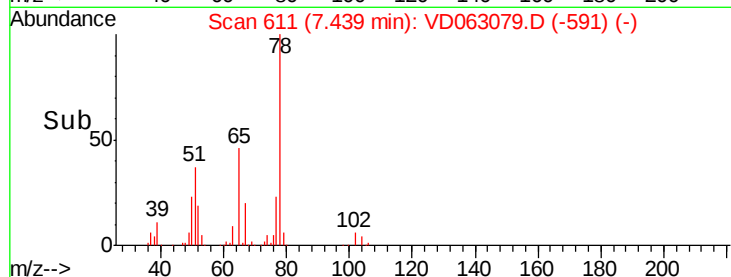
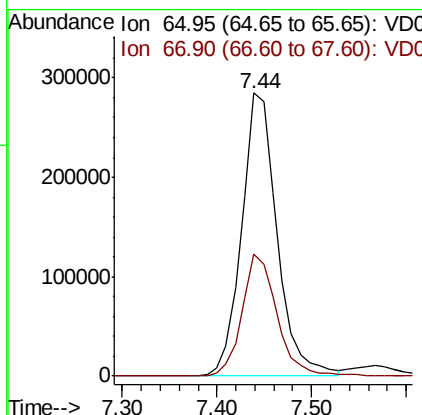
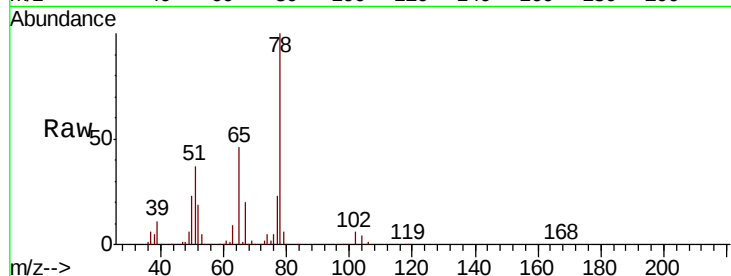




#33  
 1,2-Dichloroethane-d4  
 Concen: 84.555 ug/l  
 RT: 7.44 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

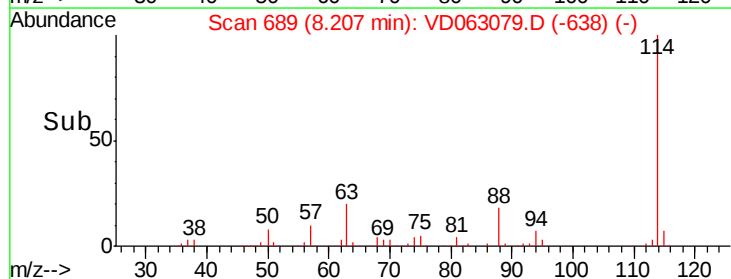
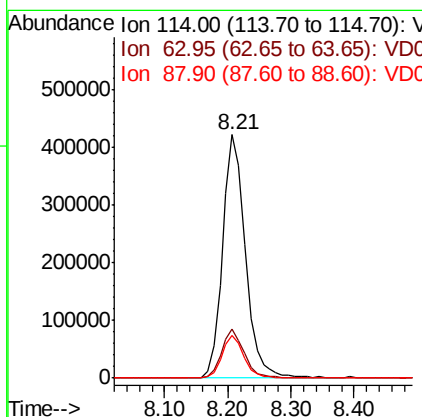
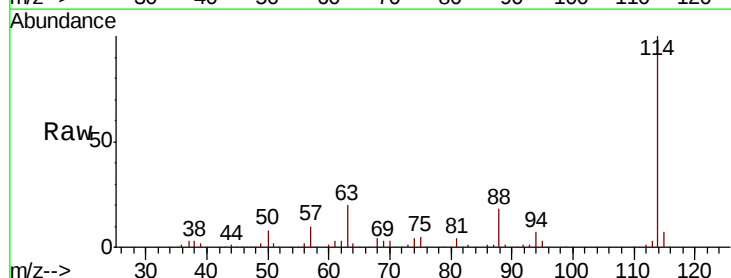
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

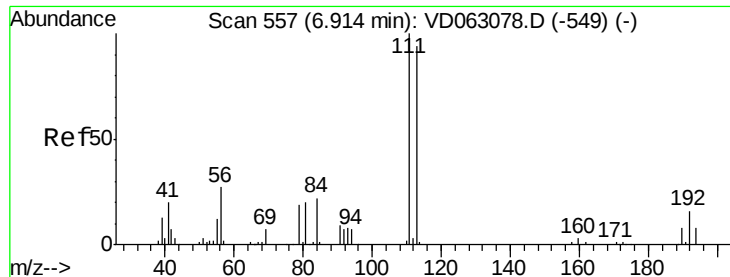
Tot Ion: 65 Resp: 739279  
 Ion Ratio Lower Upper  
 65 100  
 67 43.0 0.0 86.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.21 min Scan# 689  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 114 Resp: 1061280  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 40.6  
 88 17.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 84.528 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

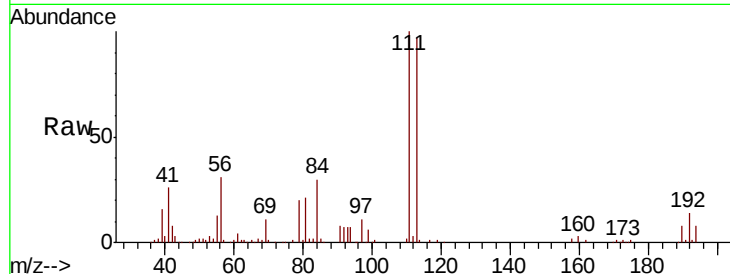
Tot Ion:113 Resp: 778262

Ion Ratio Lower Upper

113 100

111 102.7 84.8 127.2

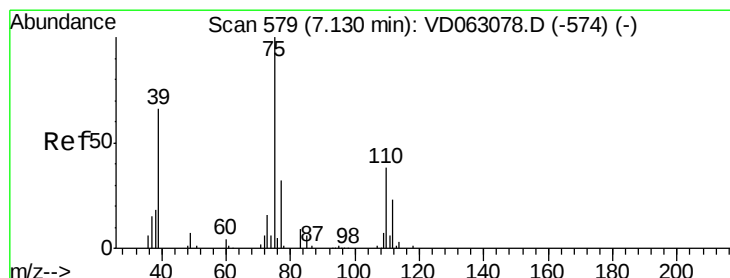
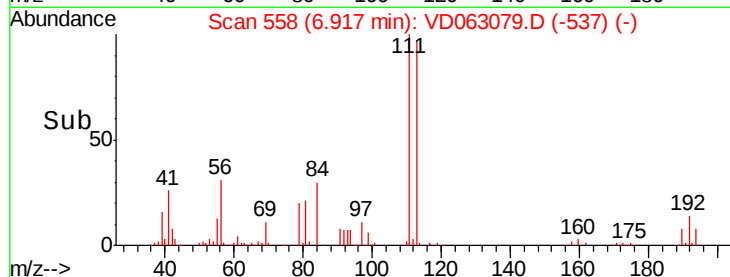
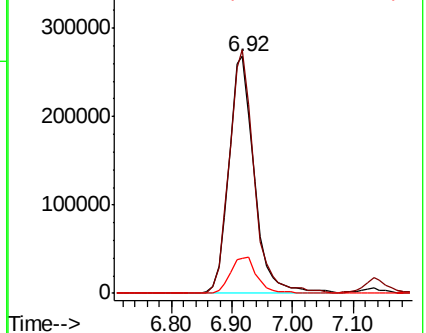
192 14.6 13.4 20.0



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: 82.278 ug/l

RT: 7.13 min Scan# 580

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

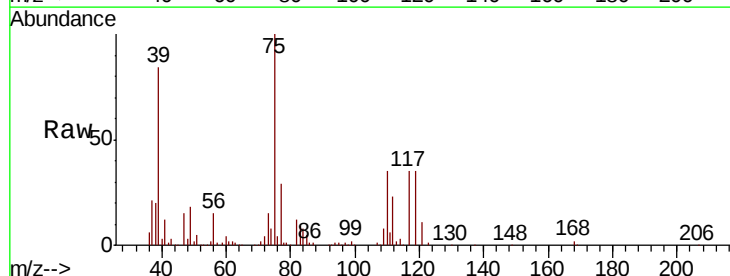
Tgt Ion: 75 Resp: 827580

Ion Ratio Lower Upper

75 100

110 35.3 18.9 56.5

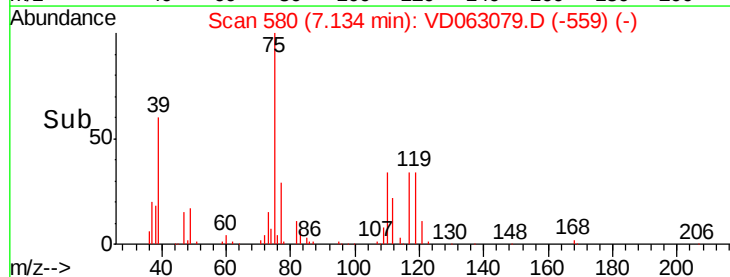
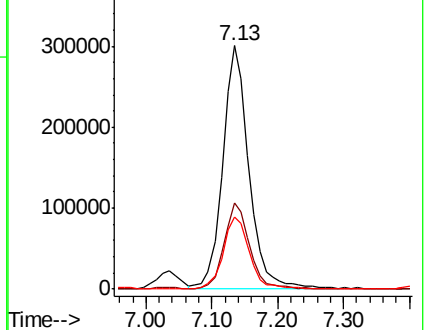
77 29.5 25.2 37.8

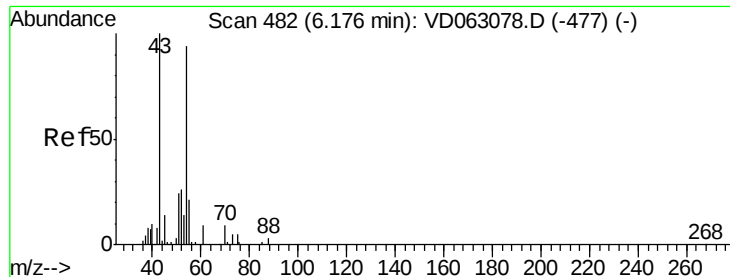


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

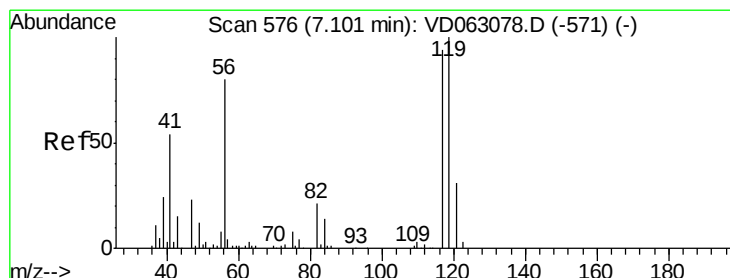
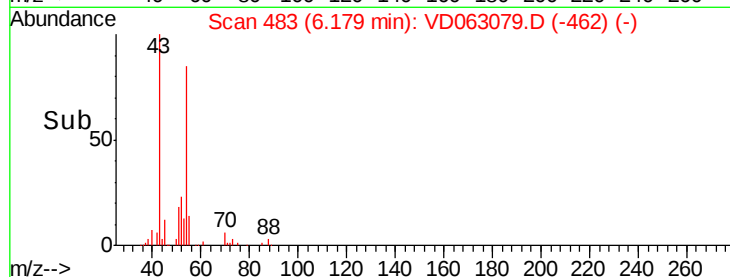
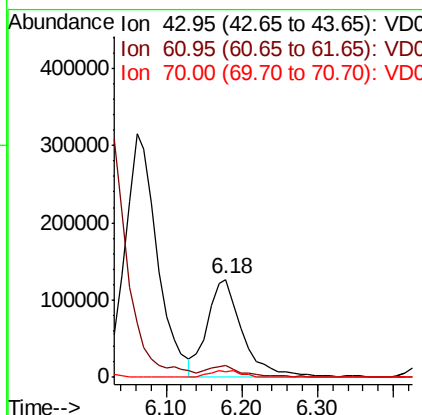
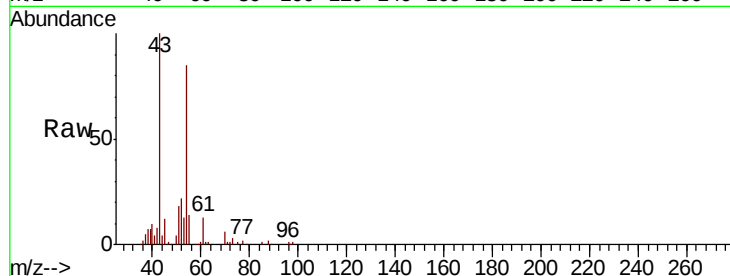




#37  
Ethyl Acetate  
Concen: 84.806 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

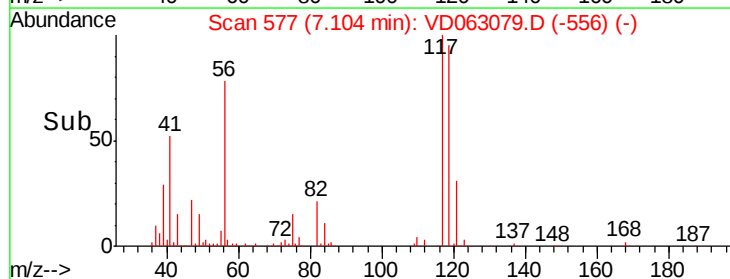
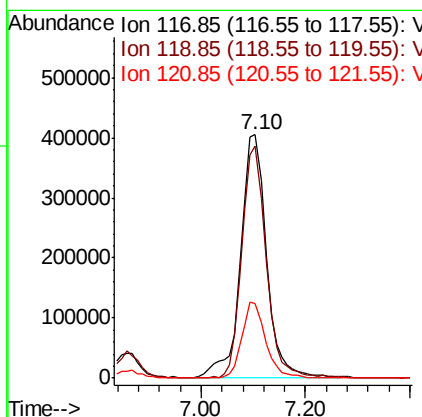
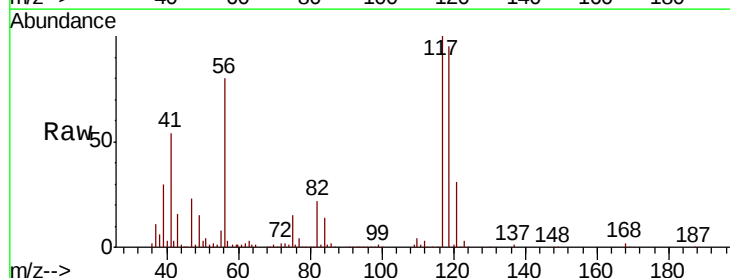
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

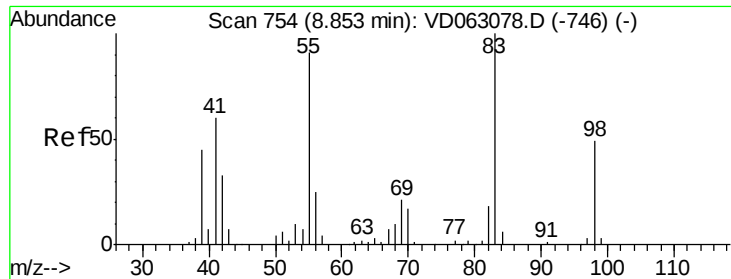
Tot Ion: 43 Resp: 399996  
Ion Ratio Lower Upper  
43 100  
61 12.6 10.6 16.0  
70 6.2 6.6 9.8#



#38  
Carbon Tetrachloride  
Concen: 89.161 ug/l  
RT: 7.10 min Scan# 577  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 117 Resp: 1356800  
Ion Ratio Lower Upper  
117 100  
119 95.1 80.0 120.0  
121 30.7 25.0 37.4

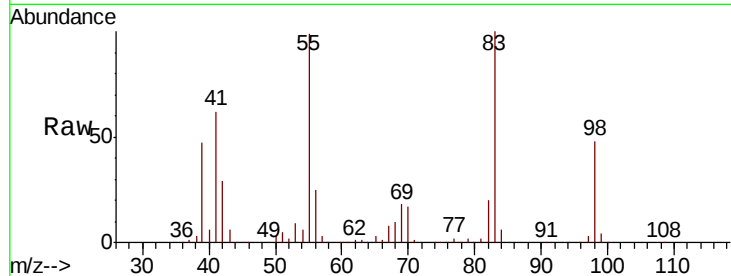




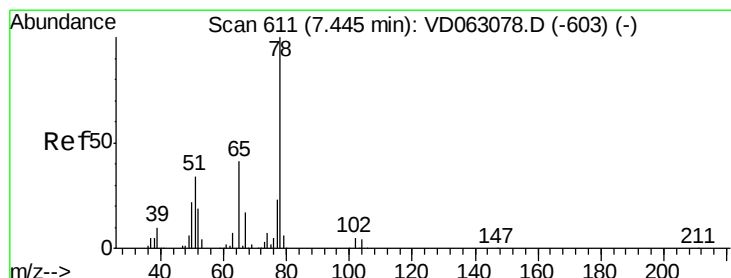
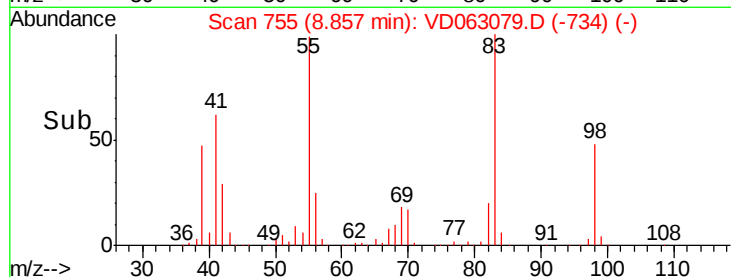
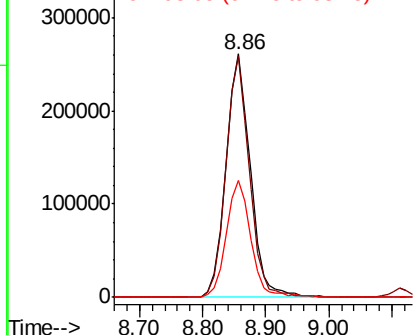
#39  
Methvlcvclohexane  
Concen: 79.363 ug/l  
RT: 8.86 min Scan# 755  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion: 83 Resp: 695992  
Ion Ratio Lower Upper  
83 100  
55 98.9 73.0 109.4  
98 48.2 39.4 59.0

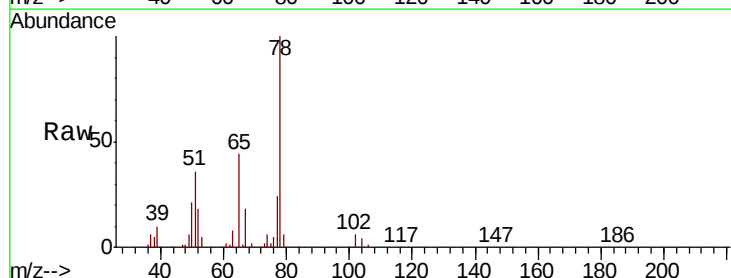


Abundance Ion 83.05 (82.75 to 83.75): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.05 (97.75 to 98.75): VDC

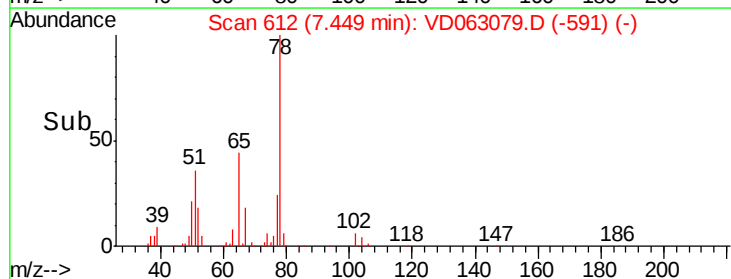
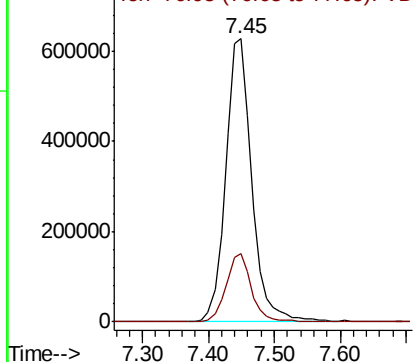


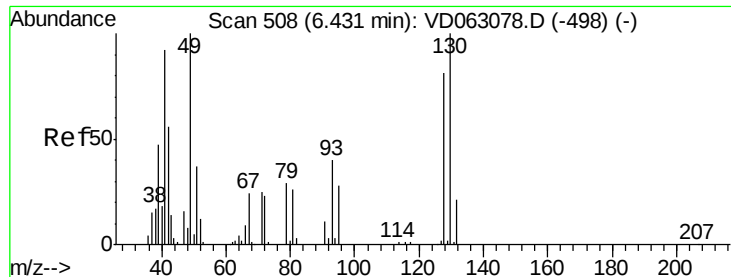
#40  
Benzene  
Concen: 84.623 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 78 Resp: 1737920  
Ion Ratio Lower Upper  
78 100  
77 24.2 18.1 27.1



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





#41

Methacrylonitrile

Concen: 93.733 ug/l

RT: 6.44 min Scan# 510

Delta R.T. 0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tot Ion: 41 Resp: 511312

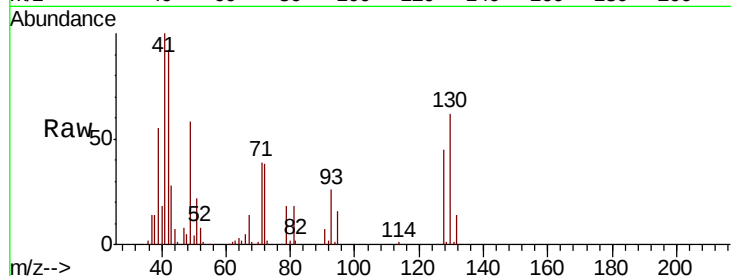
Ion Ratio Lower Upper

41 100

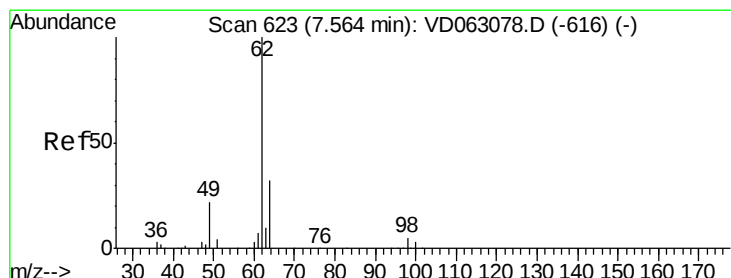
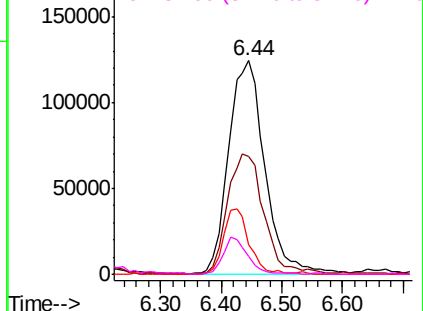
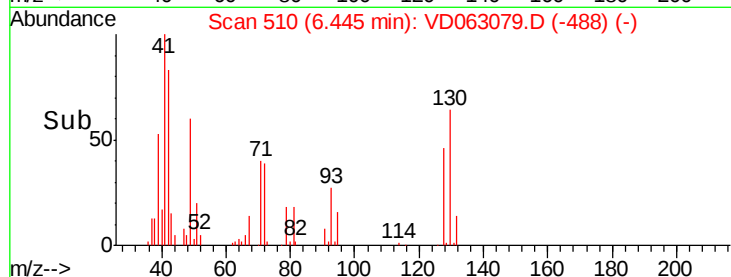
39 55.0 41.0 61.6

67 13.9 21.3 31.9#

52 8.3 10.5 15.7#



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 87.807 ug/l

RT: 7.57 min Scan# 624

Delta R.T. 0.00 min

Lab File: VD063079.D

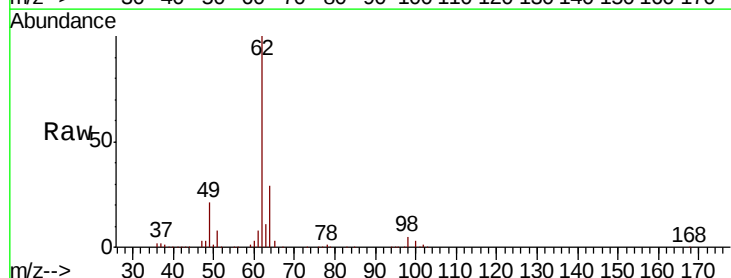
Acq: 15 Jul 2019 12:50

Tgt Ion: 62 Resp: 971981

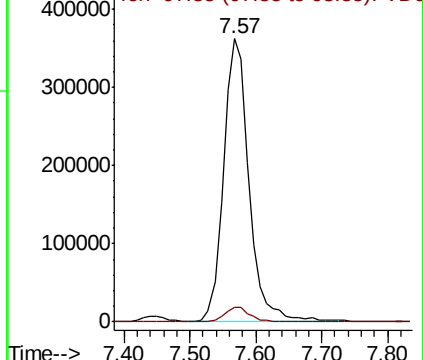
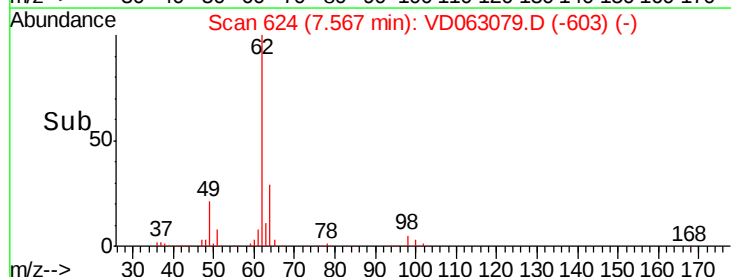
Ion Ratio Lower Upper

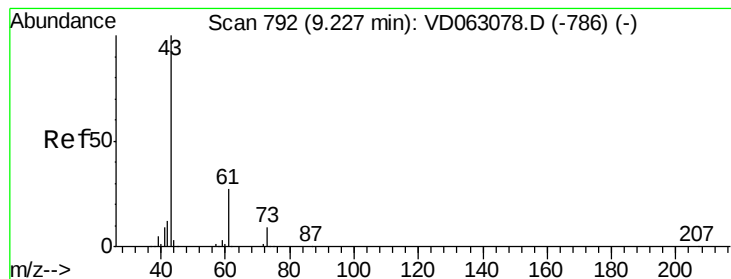
62 100

98 5.2 0.0 9.6



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



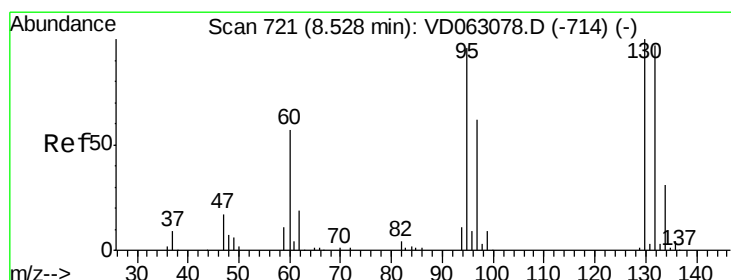
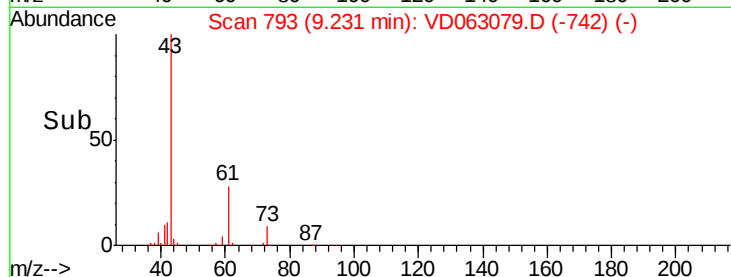
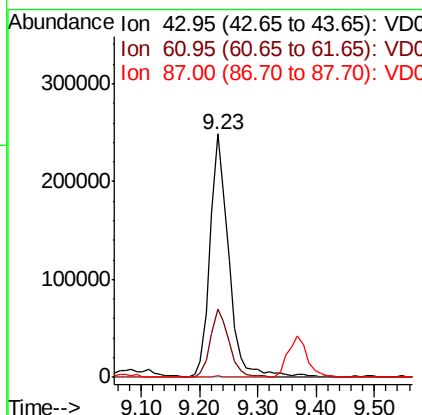
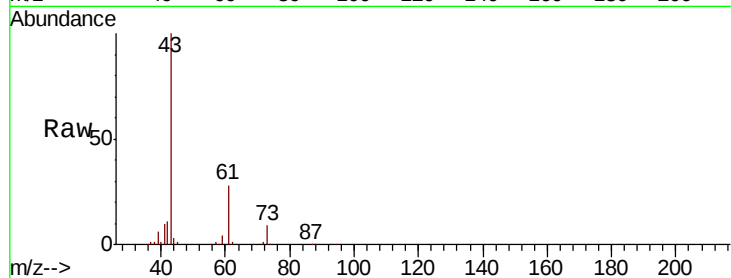


#43

Isopropyl Acetate  
 Concen: 100.039 ug/l  
 RT: 9.23 min Scan# 793  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VSTDIC075

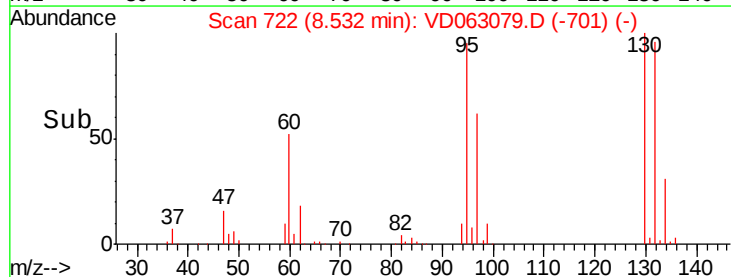
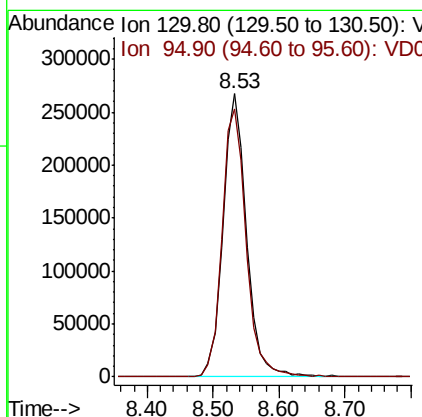
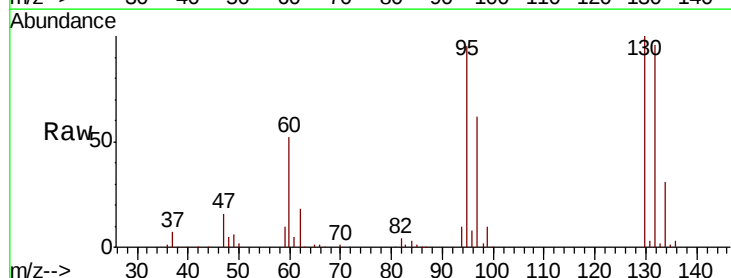
Tot Ion: 43 Resp: 549683  
 Ion Ratio Lower Upper  
 43 100  
 61 27.8 21.7 32.5  
 87 0.5 0.2 0.4#

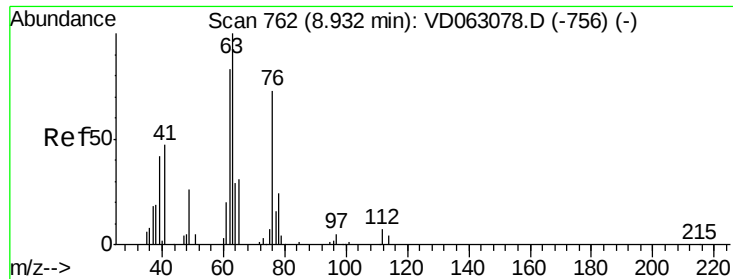


#44

Trichloroethene  
 Concen: 84.167 ug/l  
 RT: 8.53 min Scan# 722  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 130 Resp: 667953  
 Ion Ratio Lower Upper  
 130 100  
 95 94.8 0.0 191.4





#45

1,2-Dichloropropane

Concen: 86.648 ug/l

RT: 8.94 min Scan# 763

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

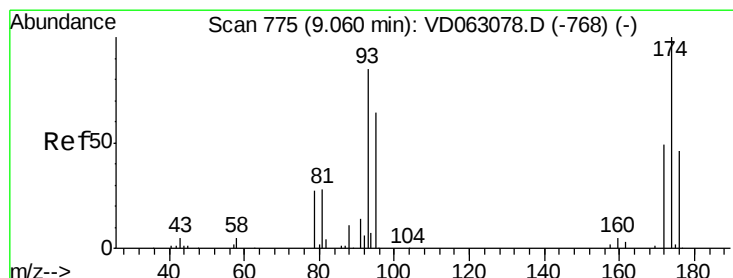
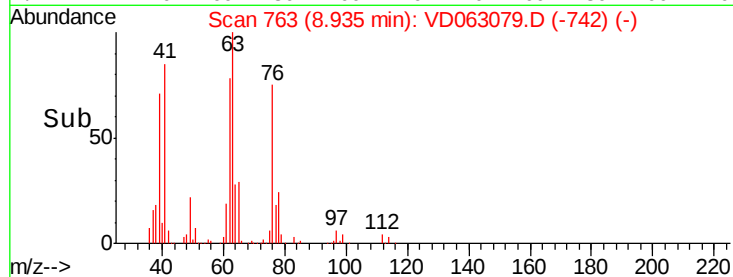
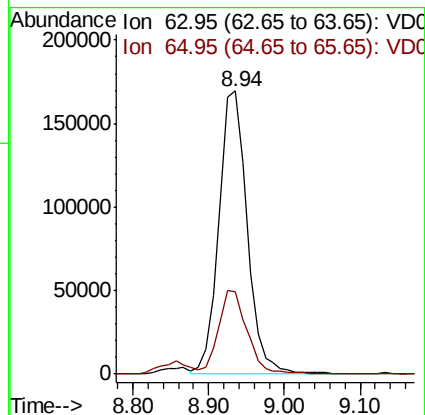
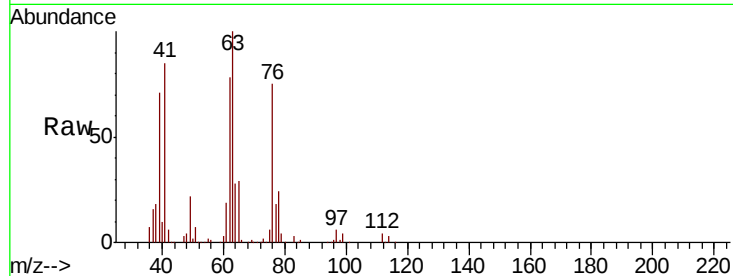
VSTDIC075

Tot Ion: 63 Resp: 441498

Ion Ratio Lower Upper

63 100

65 29.3 26.3 39.5



#46

Dibromomethane

Concen: 86.574 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

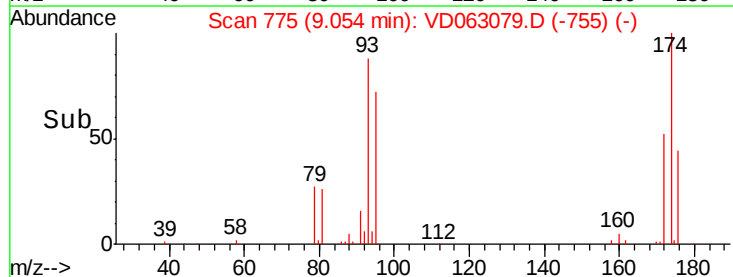
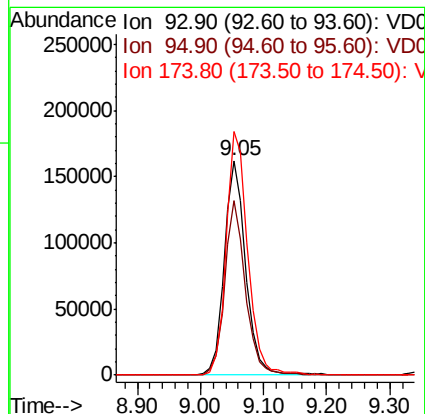
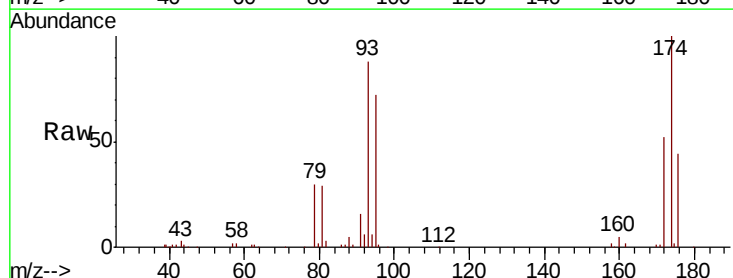
Tgt Ion: 93 Resp: 381774

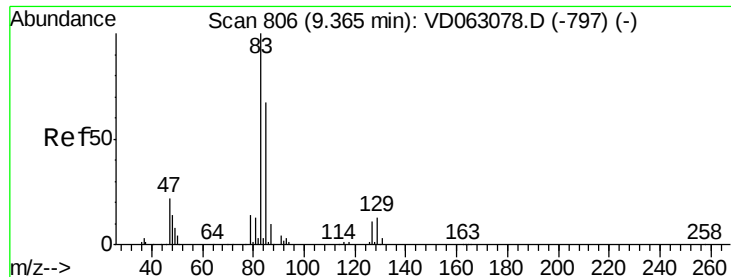
Ion Ratio Lower Upper

93 100

95 81.5 59.7 89.5

174 113.4 93.9 140.9





#47

Bromodichloromethane

Concen: 88.266 ug/l

RT: 9.37 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

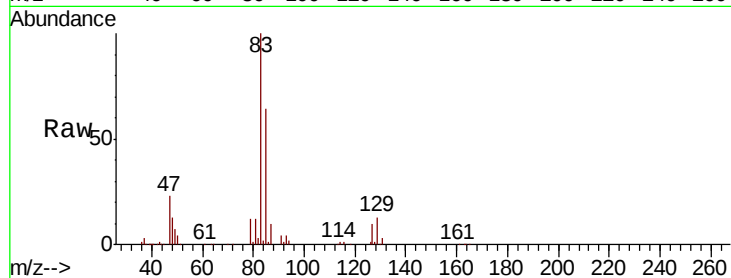
Tot Ion: 83 Resp: 998798

Ion Ratio Lower Upper

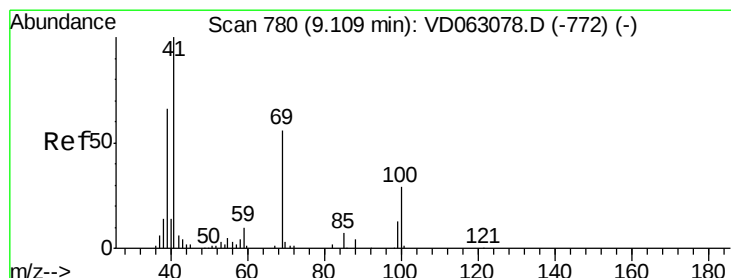
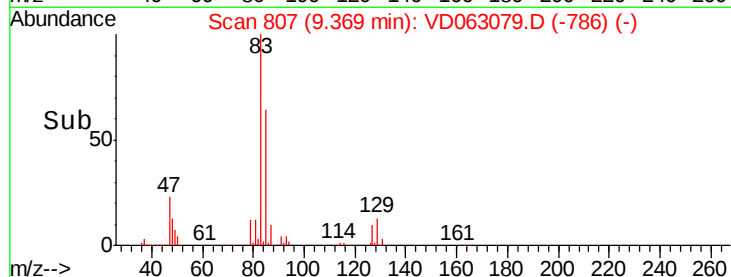
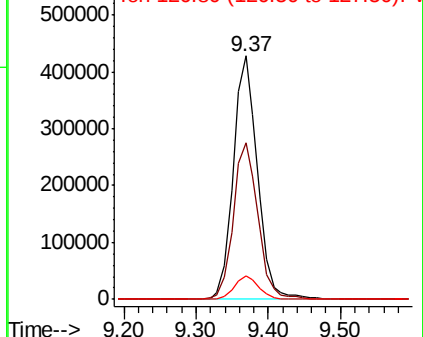
83 100

85 64.3 53.7 80.5

127 9.5 9.0 13.6



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: 86.674 ug/l

RT: 9.11 min Scan# 781

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

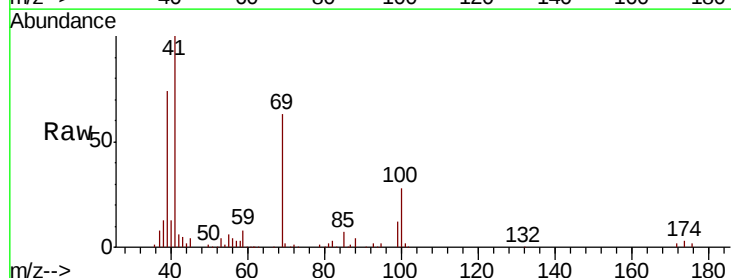
Tgt Ion: 41 Resp: 336016

Ion Ratio Lower Upper

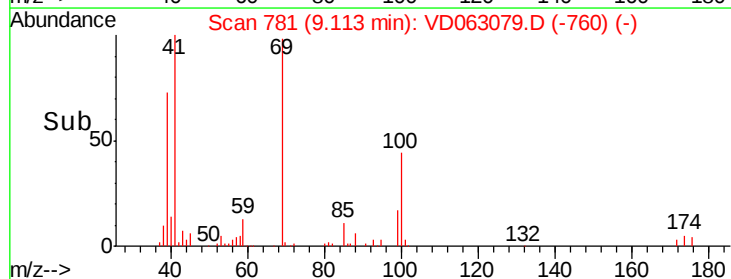
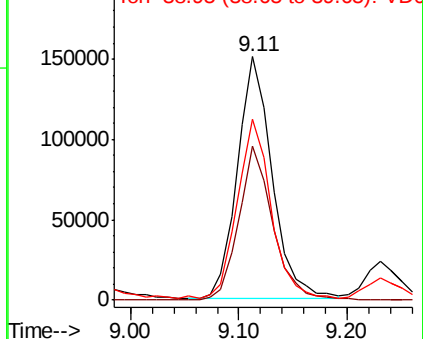
41 100

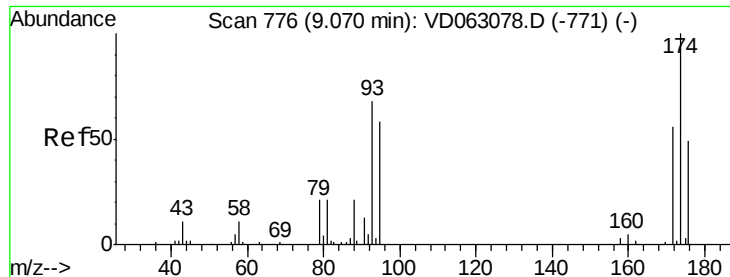
69 63.2 44.3 66.5

39 74.1 52.6 78.8



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: 1851.730 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

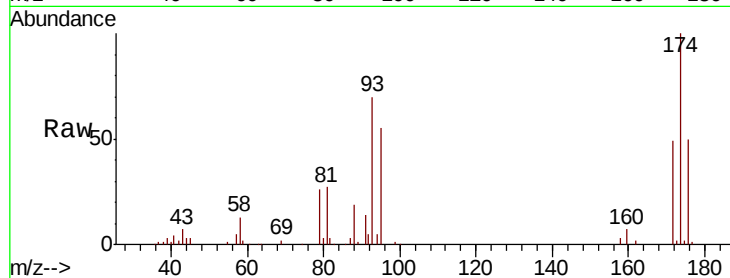
Tot Ion: 88 Resp: 60919

Ion Ratio Lower Upper

88 100

43 36.8 40.2 60.4#

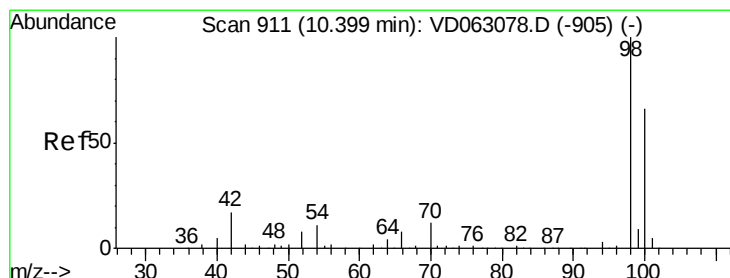
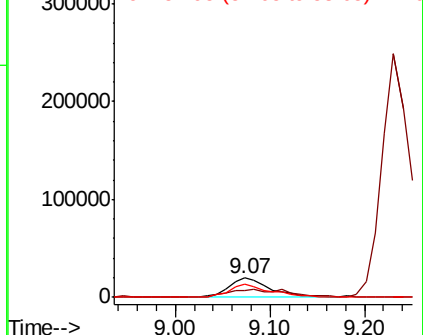
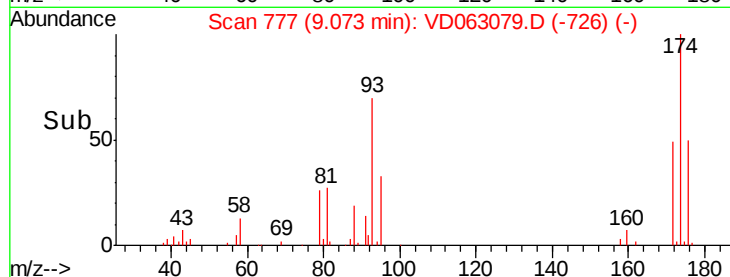
58 68.5 41.6 62.4#



Abundance Ion 88.00 (87.70 to 88.70): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 85.978 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063079.D

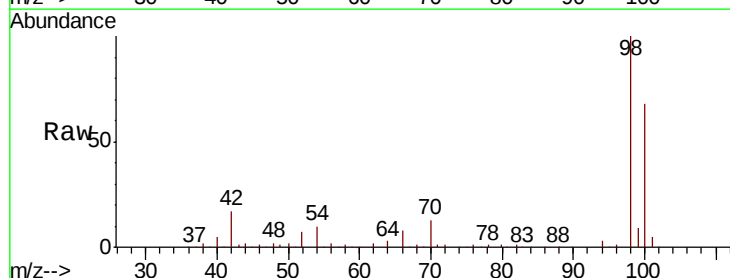
Acq: 15 Jul 2019 12:50

Tgt Ion: 98 Resp: 1694053

Ion Ratio Lower Upper

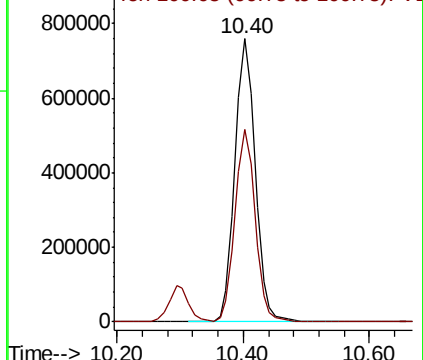
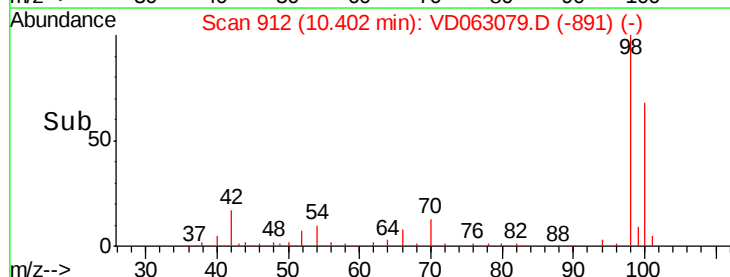
98 100

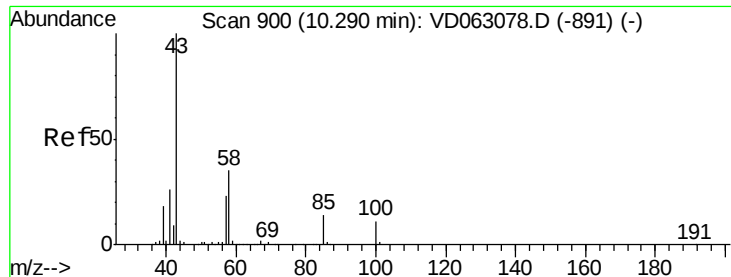
100 68.0 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

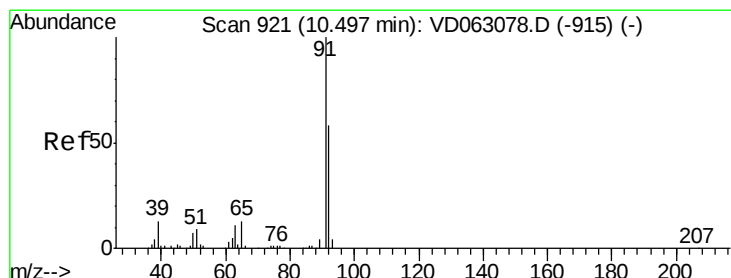
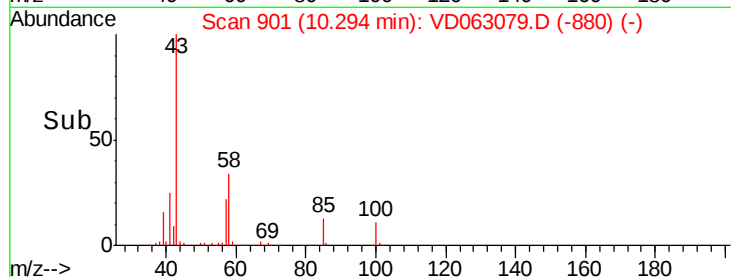
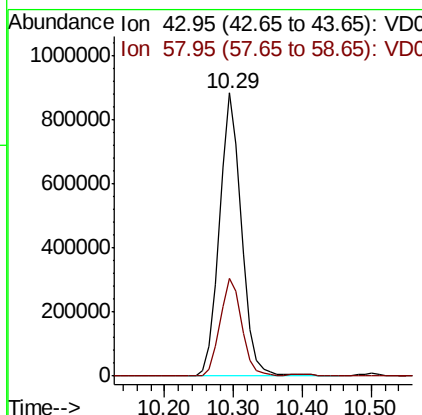
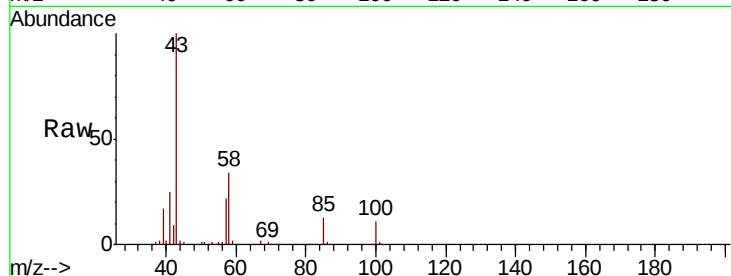




#51  
 4-Methyl-2-Pentanone  
 Concen: 501.101 ug/l  
 RT: 10.29 min Scan# 901  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

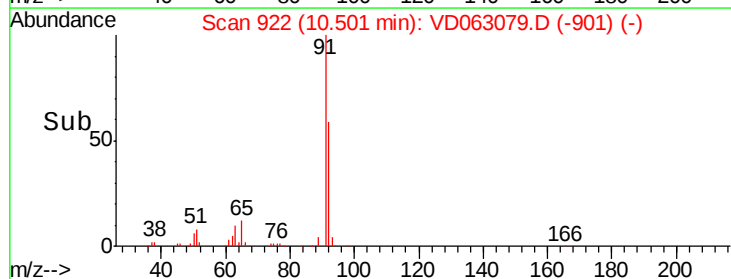
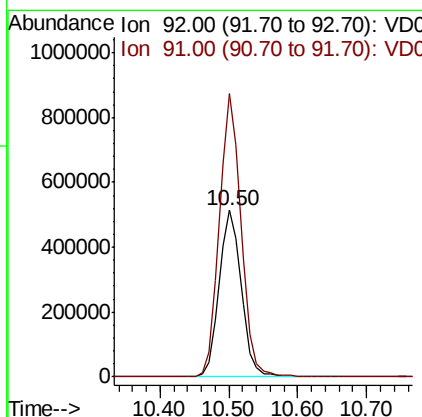
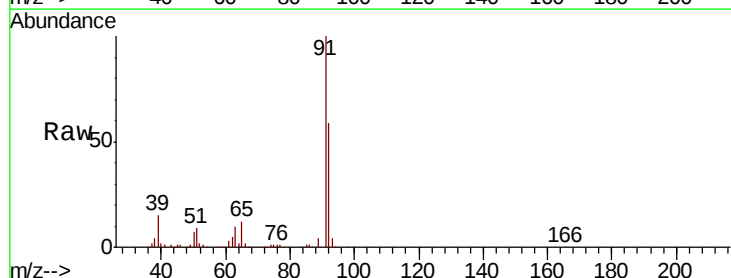
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

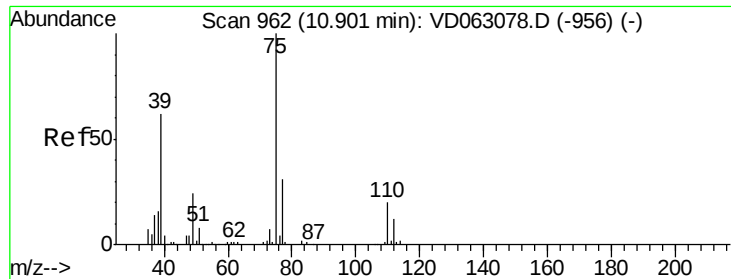
Tot Ion: 43 Resp: 1956625  
 Ion Ratio Lower Upper  
 43 100  
 58 34.5 27.8 41.6



#52  
 Toluene  
 Concen: 83.663 ug/l  
 RT: 10.50 min Scan# 922  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 92 Resp: 1144880  
 Ion Ratio Lower Upper  
 92 100  
 91 169.8 137.9 206.9

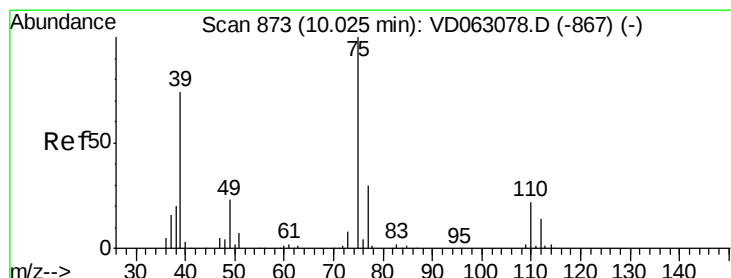
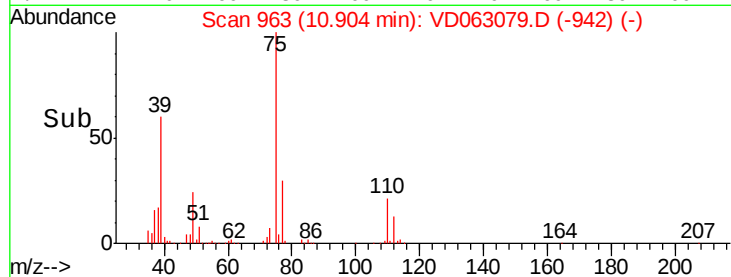
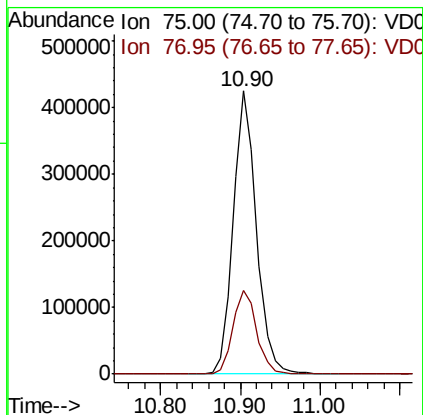
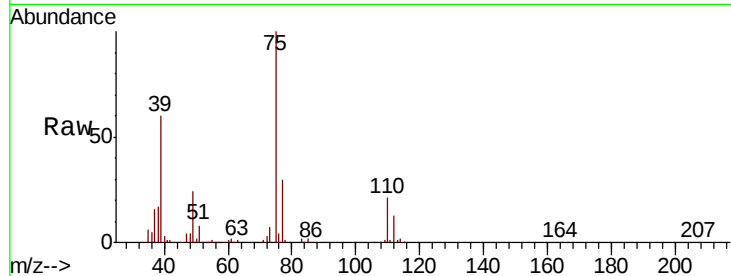




#53  
 t-1,3-Dichloropropene  
 Concen: 91.225 ug/l  
 RT: 10.90 min Scan# 963  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

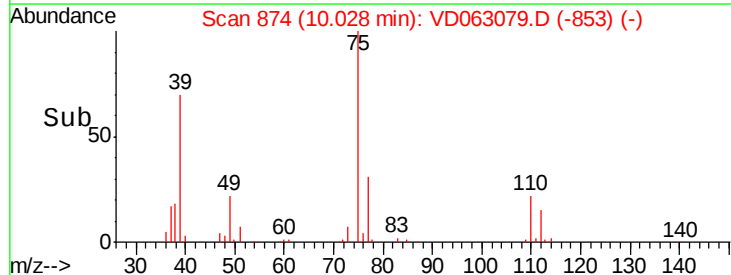
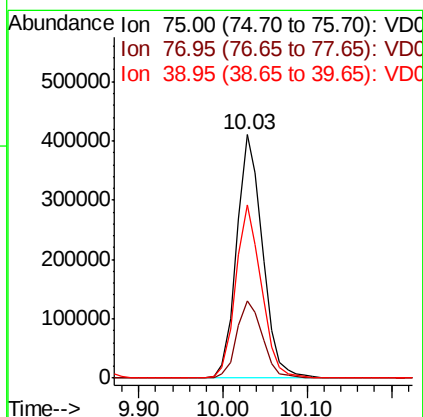
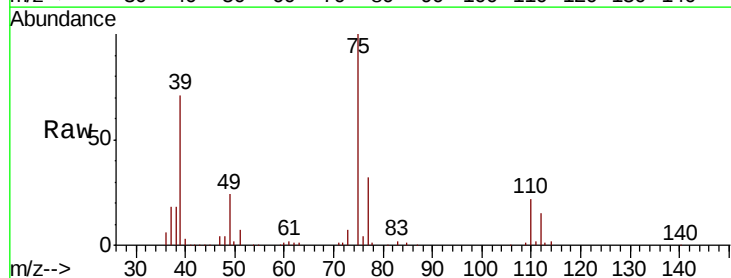
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

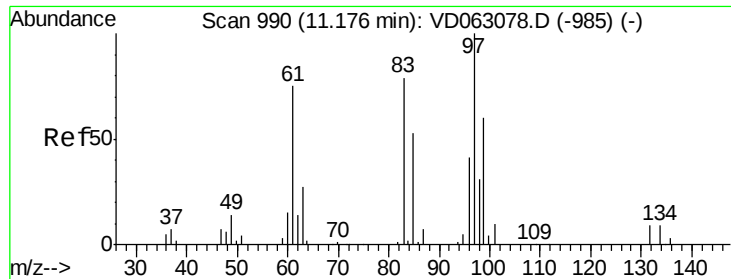
Tot Ion: 75 Resp: 862924  
 Ion Ratio Lower Upper  
 75 100  
 77 29.8 24.9 37.3



#54  
 cis-1,3-Dichloropropene  
 Concen: 86.259 ug/l  
 RT: 10.03 min Scan# 874  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 75 Resp: 879930  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 23.9 35.9  
 39 71.0 59.4 89.0





#55

1,1,2-Trichloroethane

Concen: 88.836 ug/l

RT: 11.18 min Scan# 991

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

Tot Ion: 97 Resp: 425451

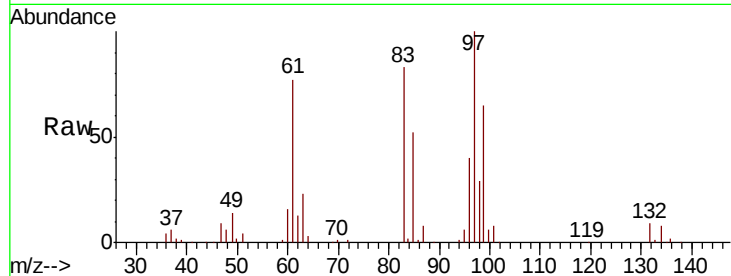
Ion Ratio Lower Upper

97 100

83 83.4 63.2 94.8

85 52.2 42.0 63.0

99 65.0 48.3 72.5

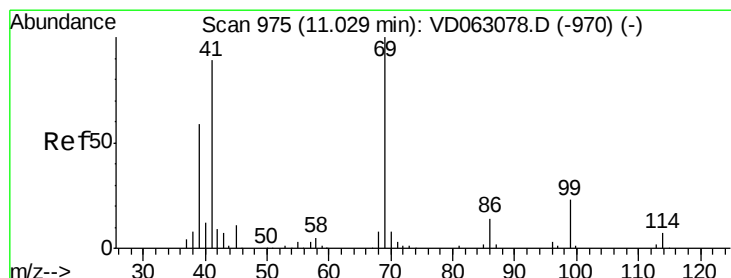
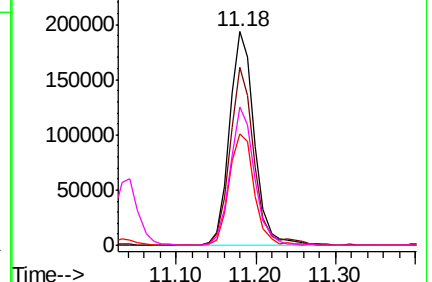
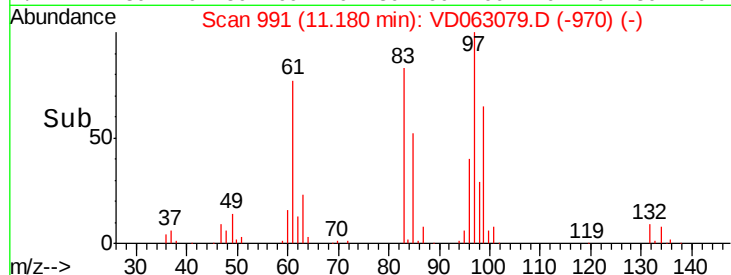


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

Ion 98.85 (98.55 to 99.55): VDC



#56

Ethyl methacrylate

Concen: 97.635 ug/l

RT: 11.03 min Scan# 976

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

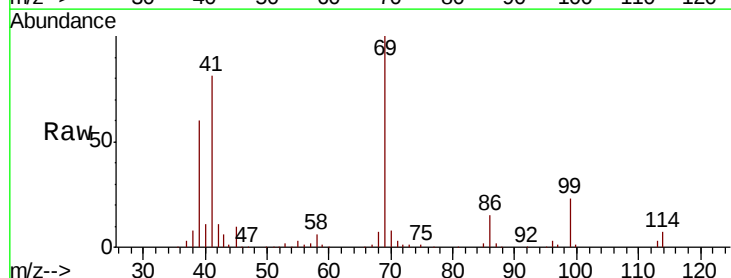
Tgt Ion: 69 Resp: 500684

Ion Ratio Lower Upper

69 100

41 80.8 71.0 106.4

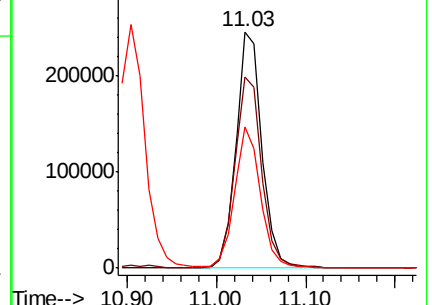
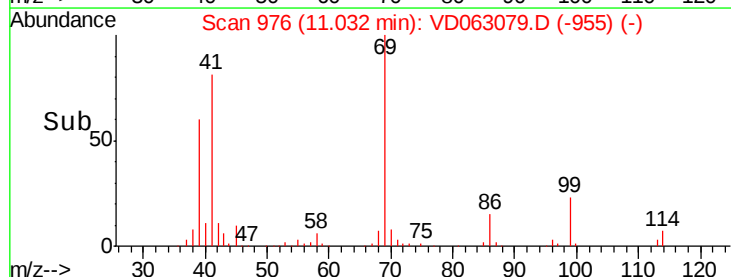
39 59.7 47.7 71.5

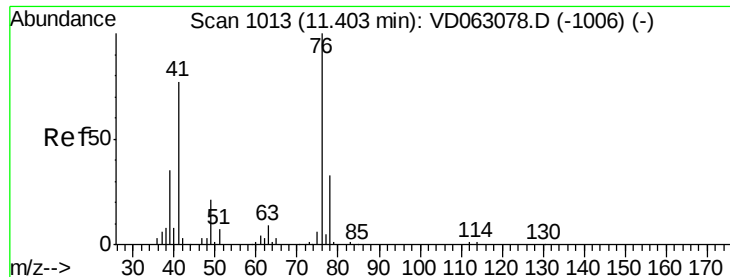


Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

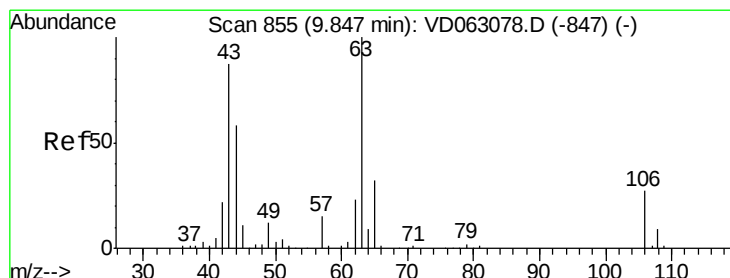
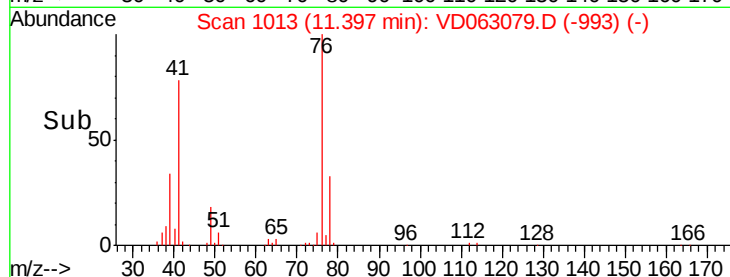
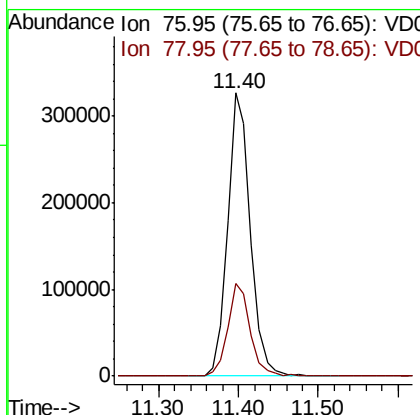
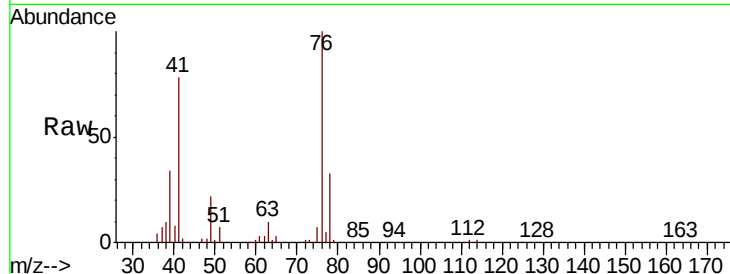




#57  
 1,3-Dichloropropane  
 Concen: 90.294 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

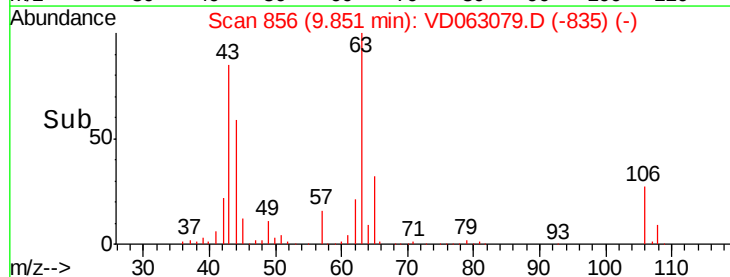
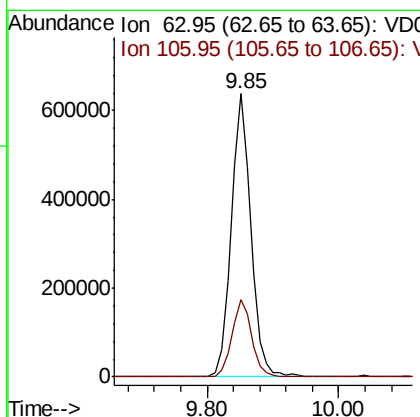
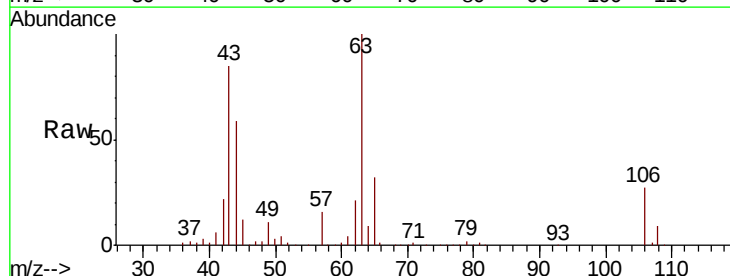
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

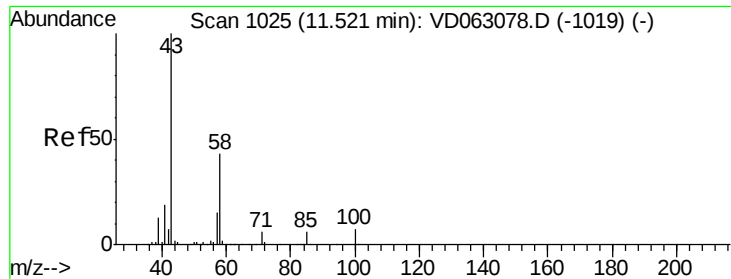
Tot Ion: 76 Resp: 651001  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 26.8 40.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 487.282 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 63 Resp: 1335038  
 Ion Ratio Lower Upper  
 63 100  
 106 27.2 21.3 31.9

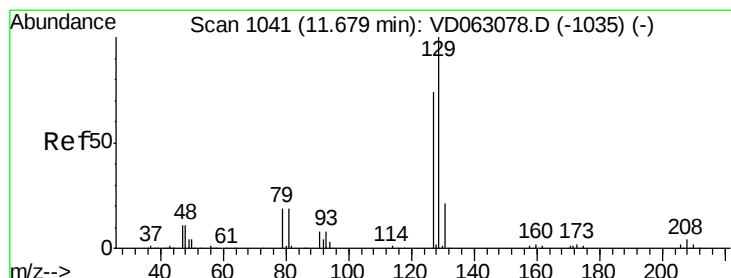
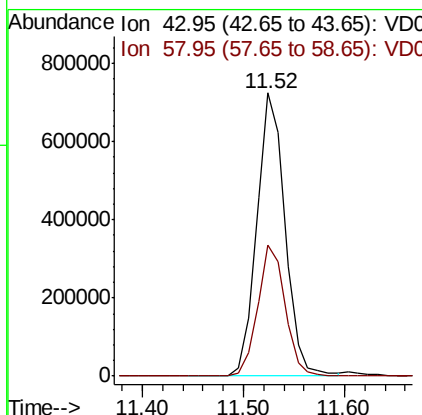
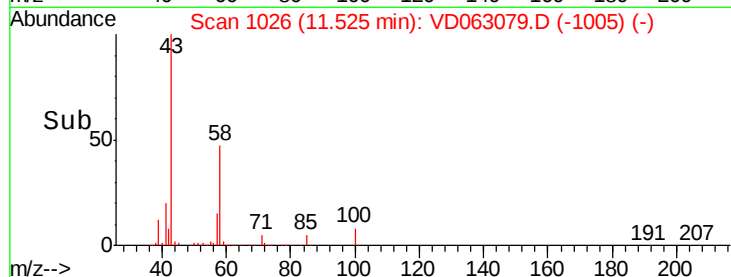
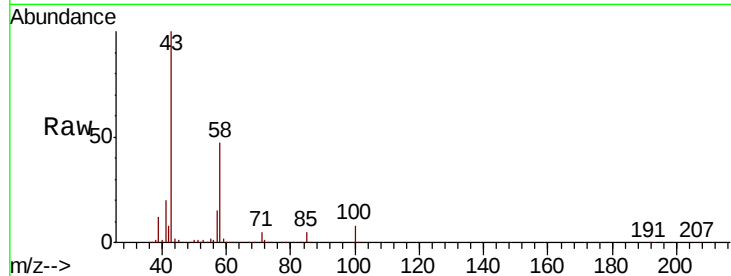




#59  
2-Hexanone  
Concen: 498.733 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

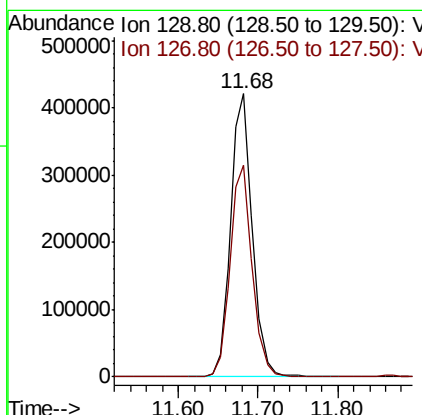
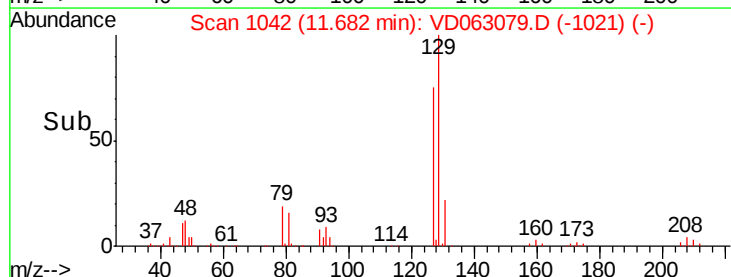
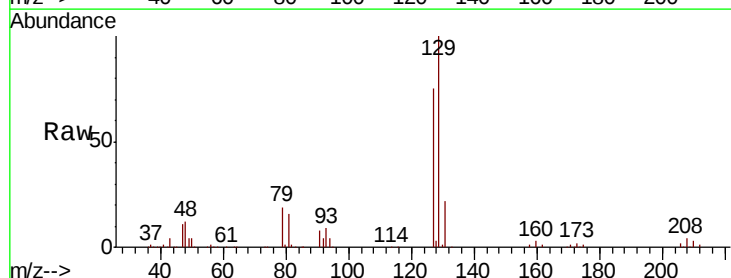
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

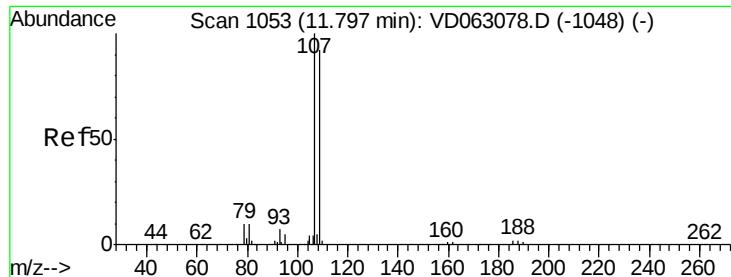
Tot Ion: 43 Resp: 1407078  
Ion Ratio Lower Upper  
43 100  
58 46.5 21.7 65.1



#60  
Dibromochloromethane  
Concen: 89.965 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 129 Resp: 803762  
Ion Ratio Lower Upper  
129 100  
127 74.6 37.0 110.9





#61

1,2-Dibromoethane

Concen: 95.942 ug/l

RT: 11.80 min Scan# 1054

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

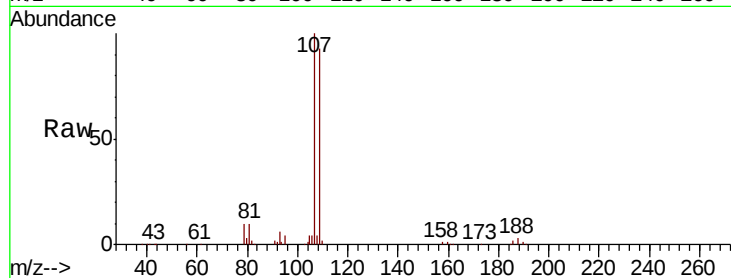
VSTDIC075

Tot Ion:107 Resp: 538045

Ion Ratio Lower Upper

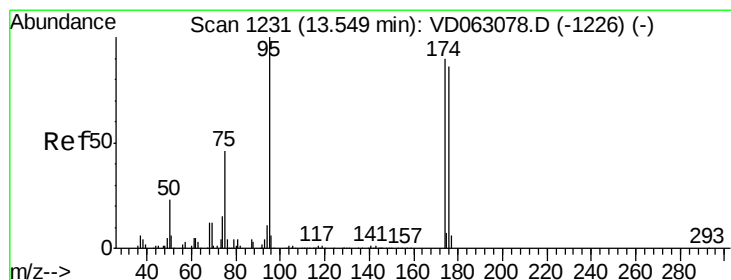
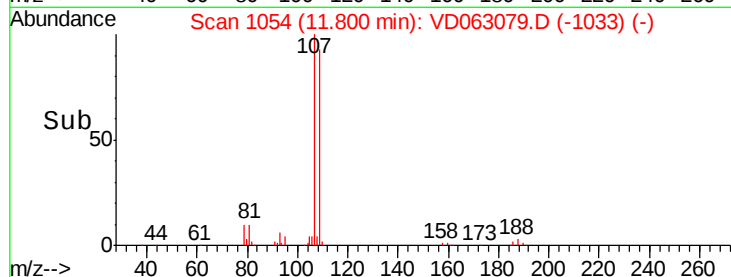
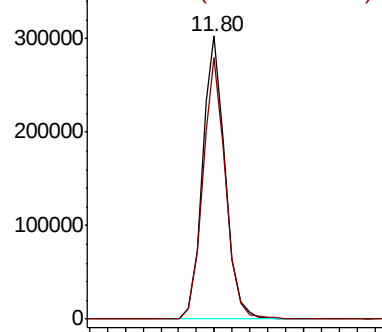
107 100

109 92.5 73.6 110.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 81.367 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

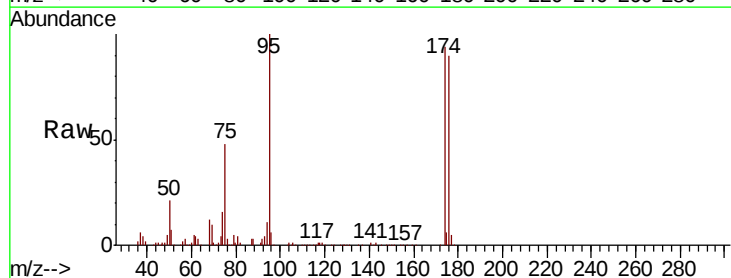
Tgt Ion: 95 Resp: 735067

Ion Ratio Lower Upper

95 100

174 94.3 0.0 180.6

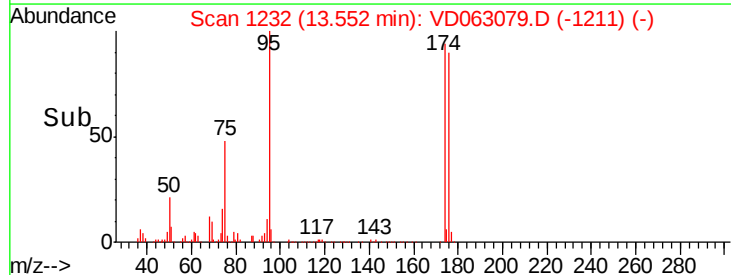
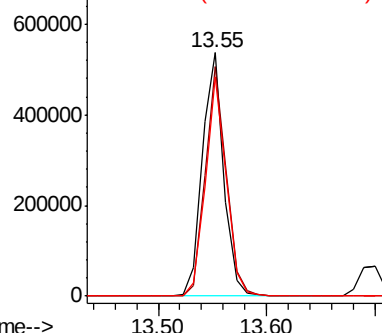
176 90.3 0.0 172.2

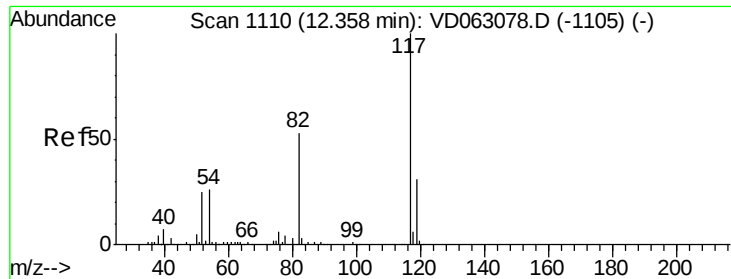


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

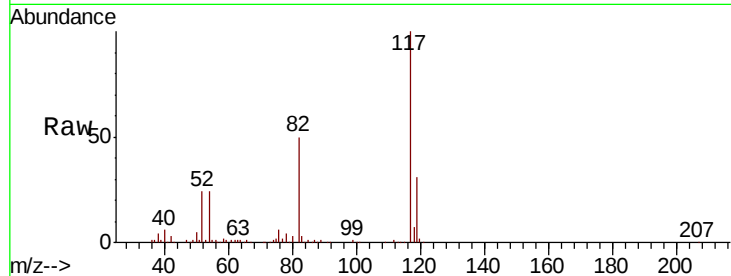




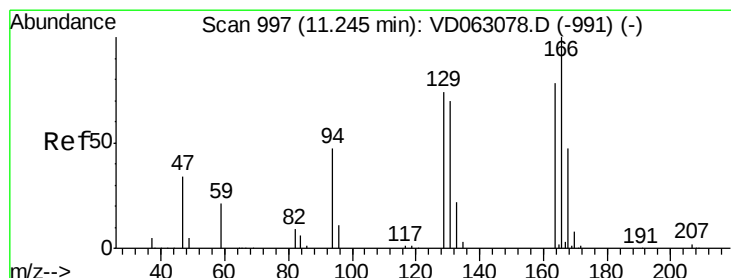
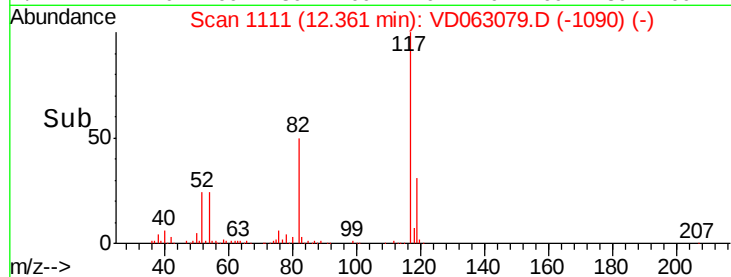
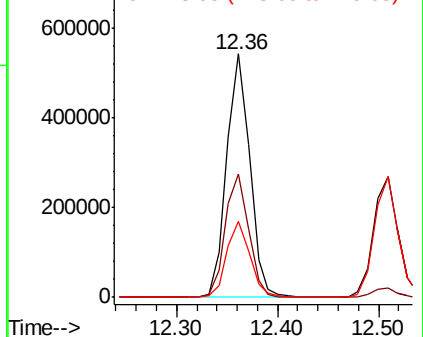
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:117 Resp: 867325  
Ion Ratio Lower Upper  
117 100  
82 50.4 42.3 63.5  
119 31.3 25.2 37.8

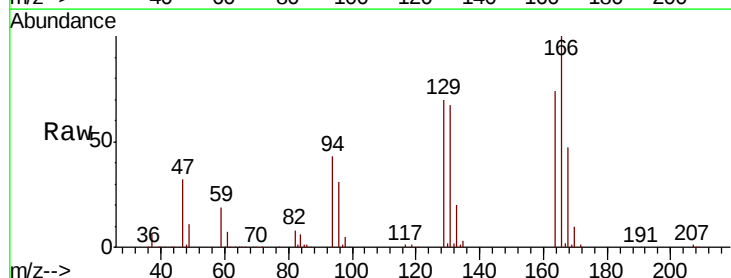


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

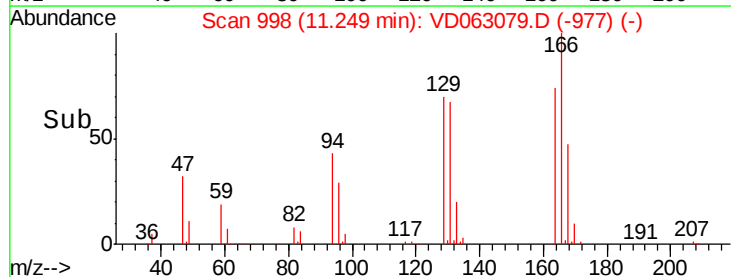
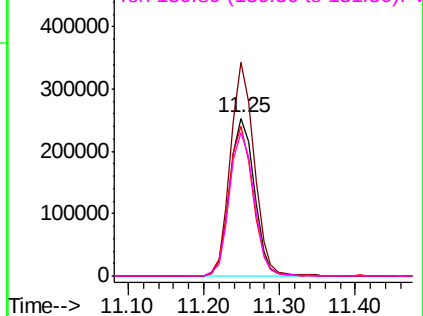


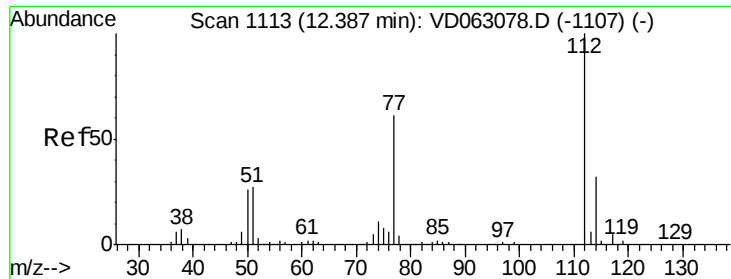
#64  
Tetrachloroethene  
Concen: 78.966 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion:164 Resp: 567485  
Ion Ratio Lower Upper  
164 100  
166 135.3 102.8 154.2  
129 95.1 76.4 114.6  
131 91.2 71.7 107.5



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

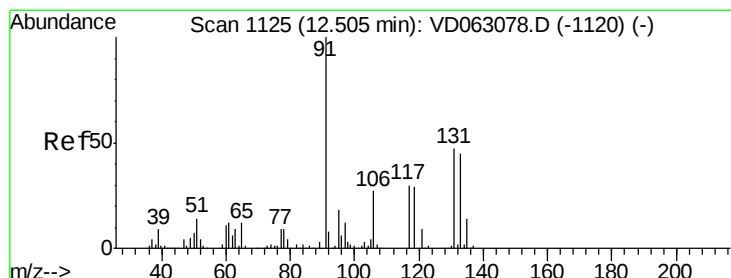
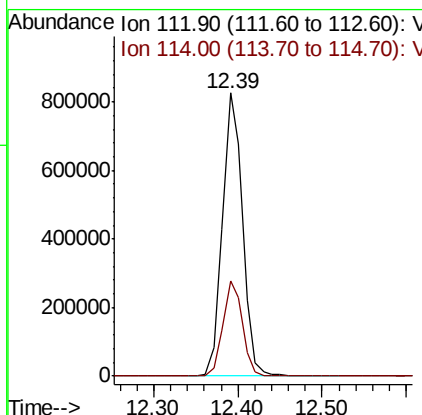
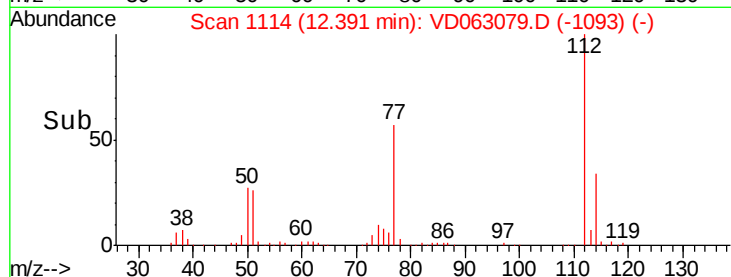
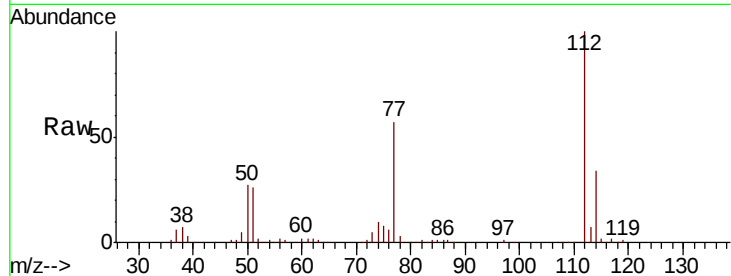




#65  
Chlorobenzene  
Concen: 82.950 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

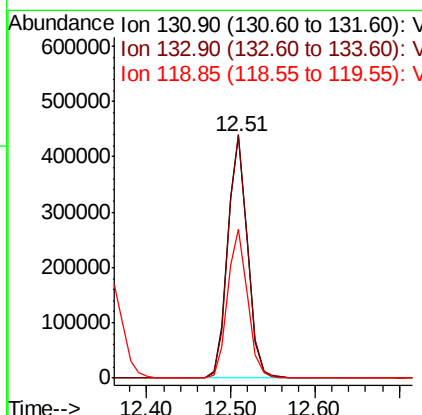
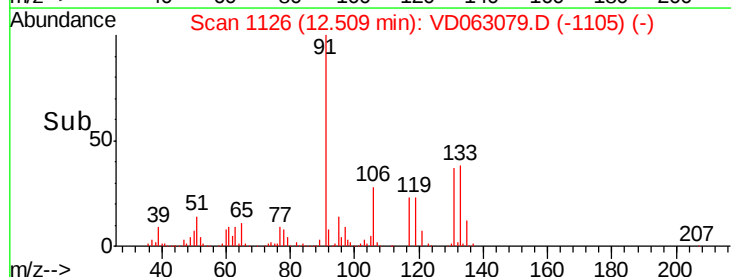
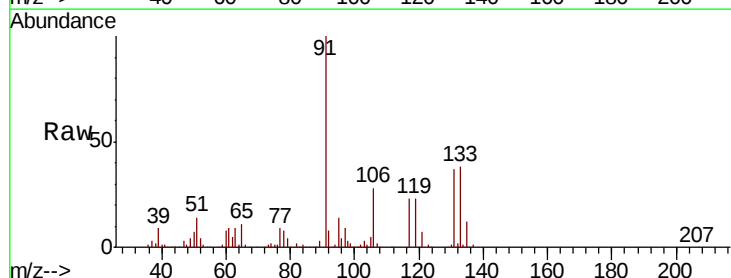
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

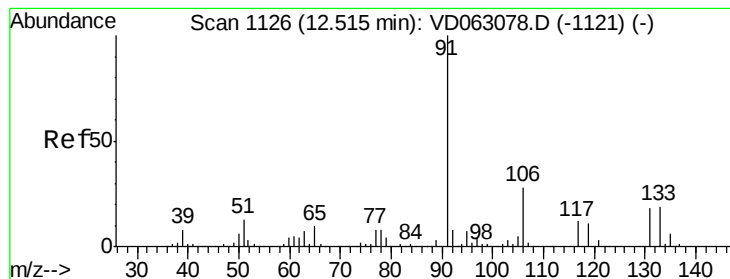
Tot Ion:112 Resp: 1367547  
Ion Ratio Lower Upper  
112 100  
114 33.7 25.9 38.9



#66  
1,1,1,2-Tetrachloroethane  
Concen: 92.551 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion:131 Resp: 711679  
Ion Ratio Lower Upper  
131 100  
133 100.7 48.5 145.6  
119 61.6 30.8 92.3





#67

Ethyl Benzene

Concen: 87.258 ug/l

RT: 12.52 min Scan# 1127

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

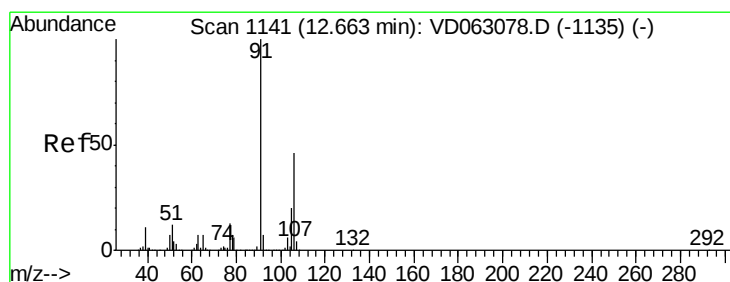
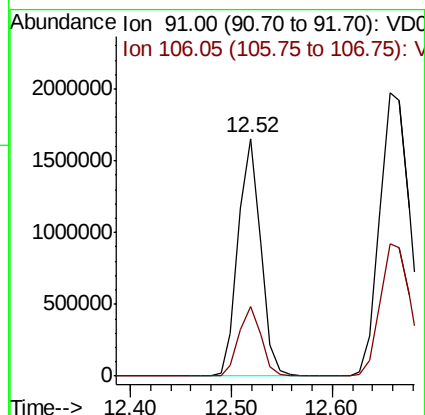
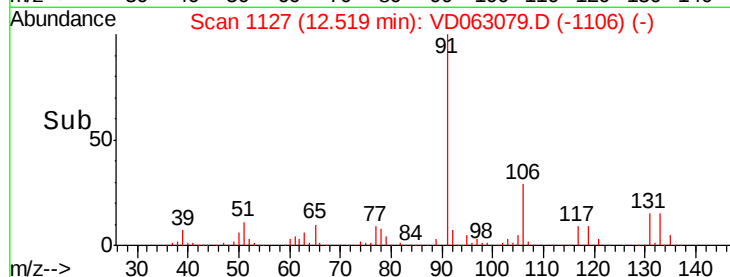
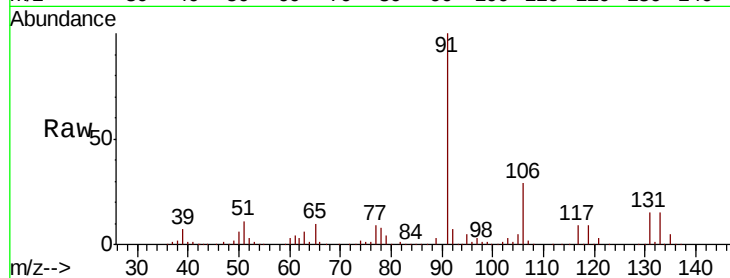
VSTDIC075

Tot Ion: 91 Resp: 2570632

Ion Ratio Lower Upper

91 100

106 29.5 22.5 33.7



#68

m/p-Xylenes

Concen: 185.350 ug/l

RT: 12.66 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VD063079.D

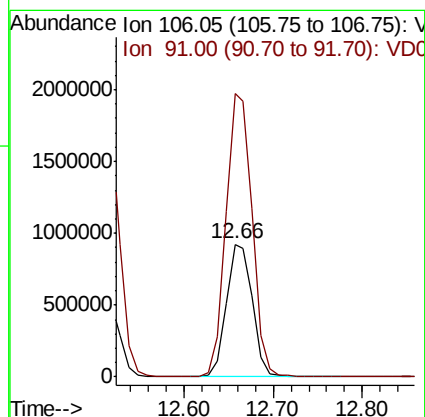
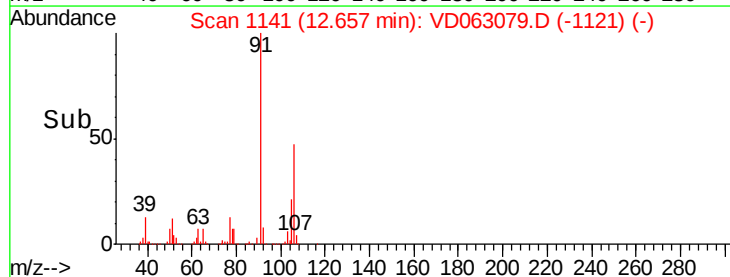
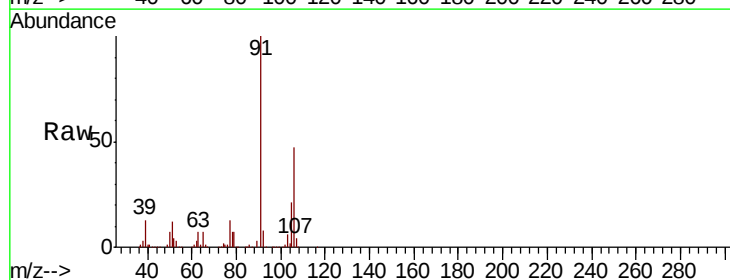
Acq: 15 Jul 2019 12:50

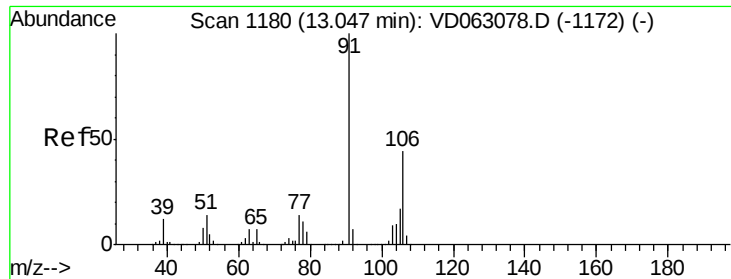
Tgt Ion:106 Resp: 1889784

Ion Ratio Lower Upper

106 100

91 213.4 173.0 259.6

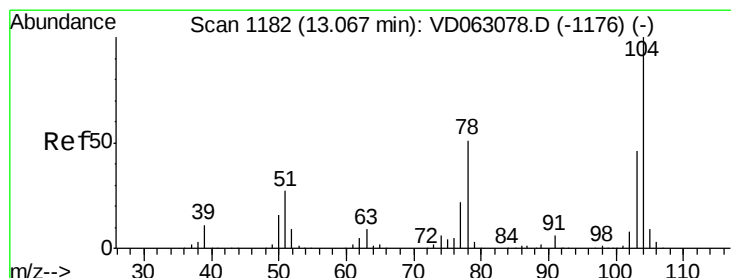
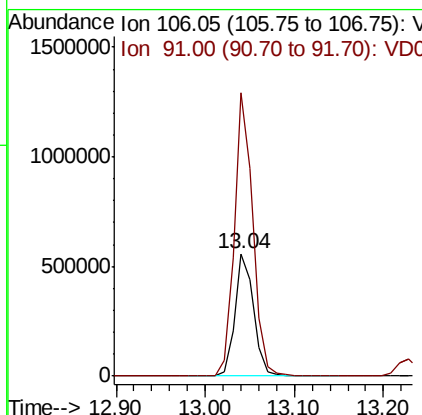
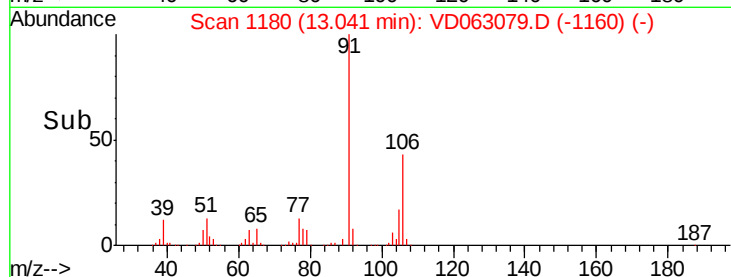
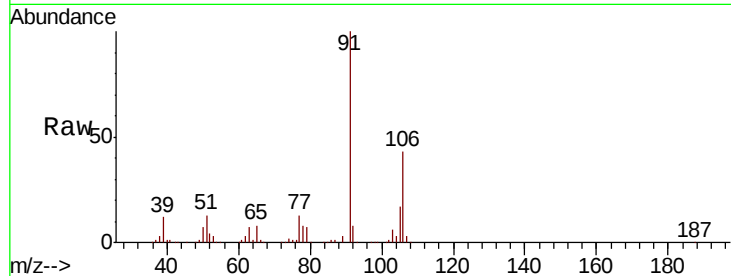




#69  
o-Xylene  
Concen: 87.793 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

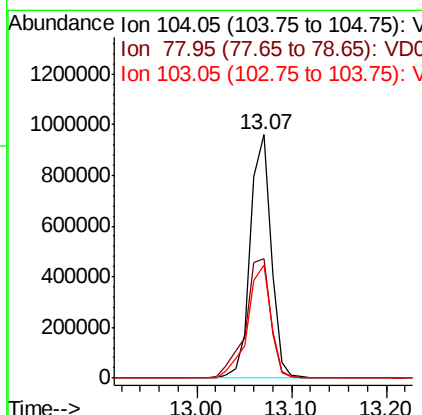
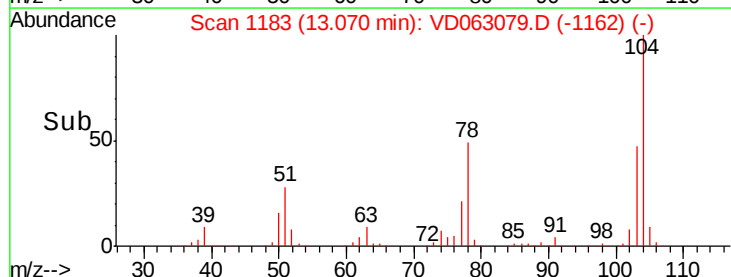
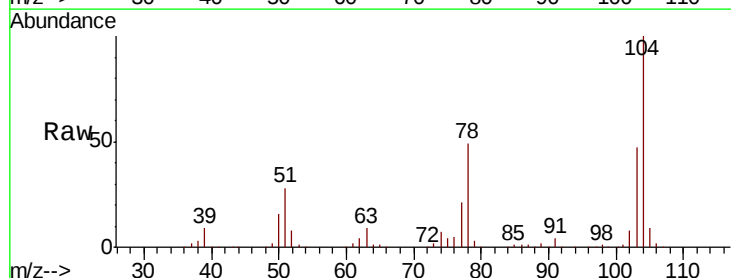
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

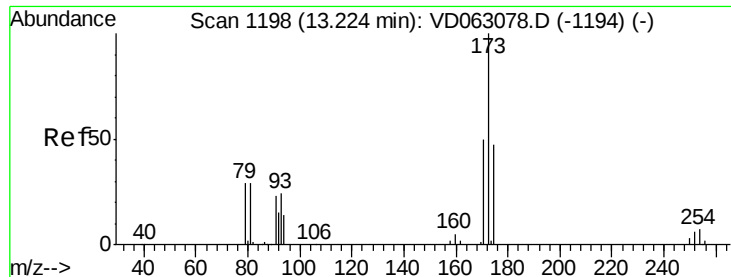
Tot Ion:106 Resp: 825109  
Ion Ratio Lower Upper  
106 100  
91 231.1 114.9 344.7



#70  
Styrene  
Concen: 87.534 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion:104 Resp: 1458077  
Ion Ratio Lower Upper  
104 100  
78 48.9 41.1 61.7  
103 46.7 37.0 55.6





#71

Bromoform

Concen: 97.521 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

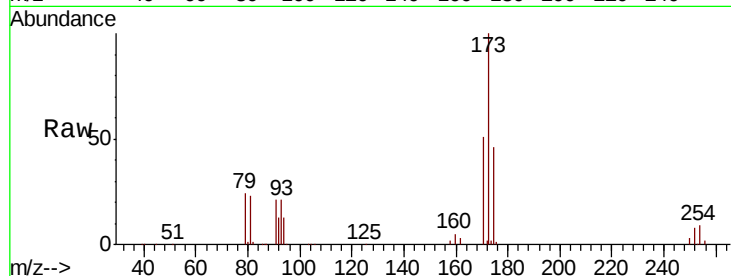
Tot Ion:173 Resp: 520099

Ion Ratio Lower Upper

173 100

175 45.8 23.4 70.2

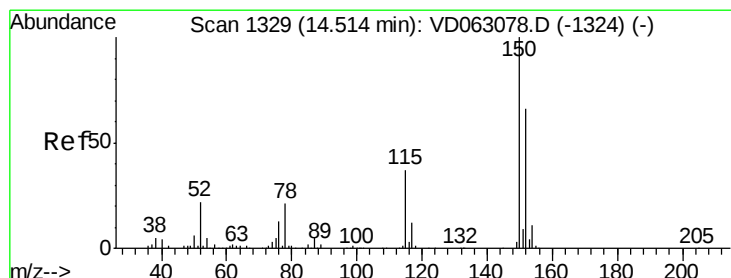
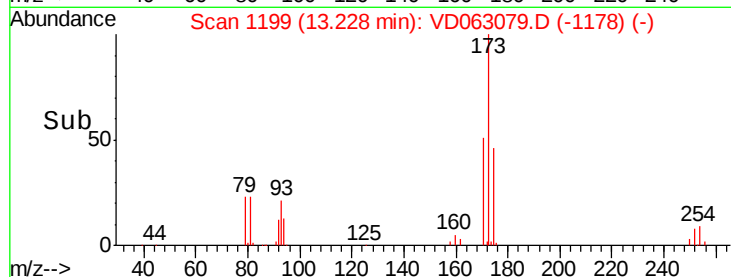
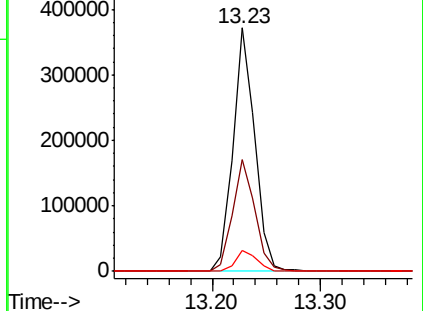
254 8.6 5.4 8.0#



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

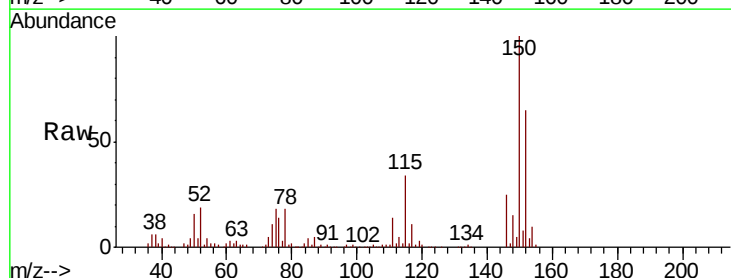
Tgt Ion:152 Resp: 474223

Ion Ratio Lower Upper

152 100

115 51.8 28.9 86.8

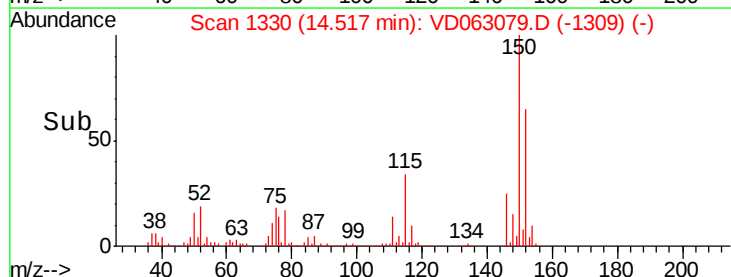
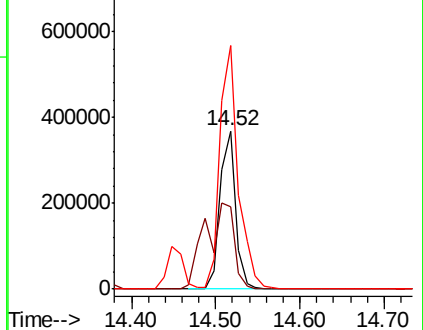
150 154.1 0.0 313.8

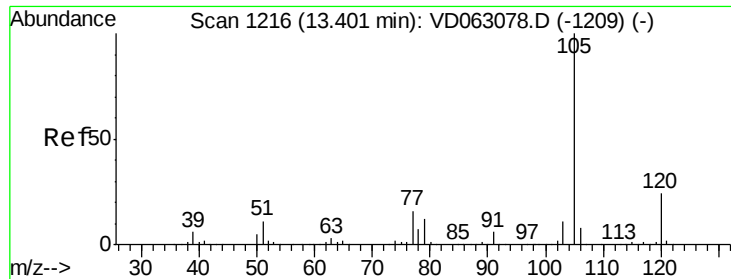


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 82.228 ug/l

RT: 13.39 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

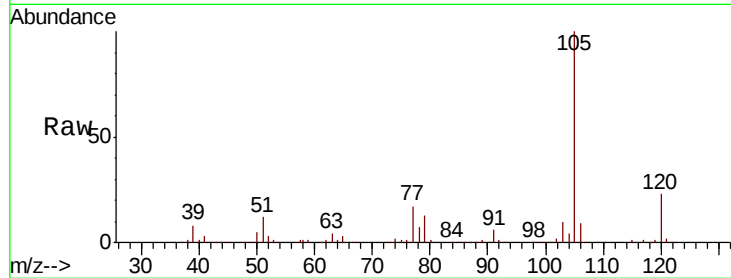
VSTDIC075

Tot Ion:105 Resp: 2551616

Ion Ratio Lower Upper

105 100

120 22.8 12.2 36.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

2000000

1500000

1000000

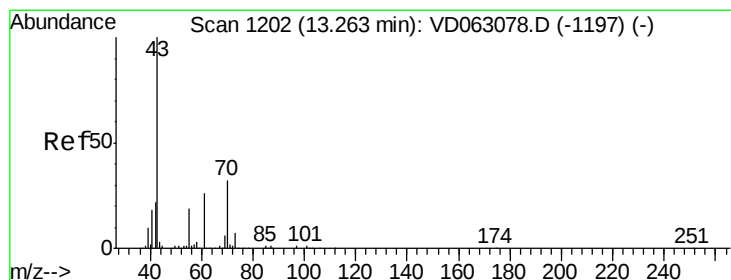
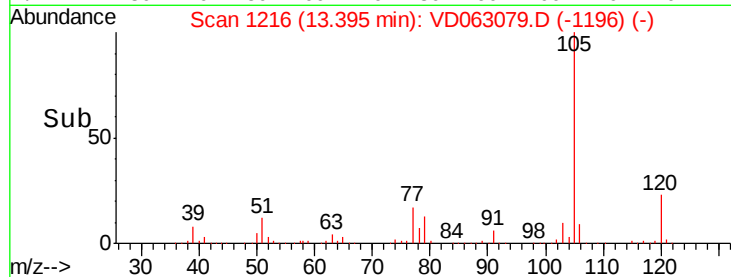
500000

0

13.39

13.30 13.40 13.50

Time-->



#74

N-ethyl acetate

Concen: 101.375 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Tgt Ion: 43 Resp: 787190

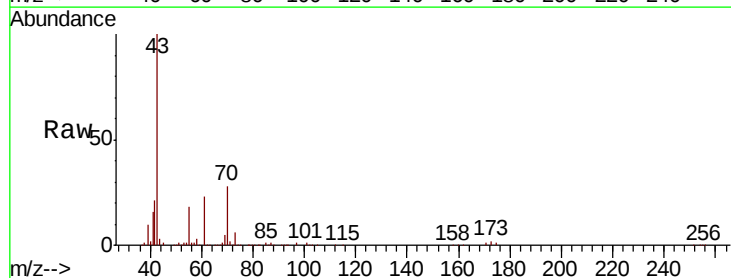
Ion Ratio Lower Upper

43 100

70 27.6 25.5 38.3

55 18.4 15.4 23.0

61 22.7 20.6 31.0



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

800000

600000

400000

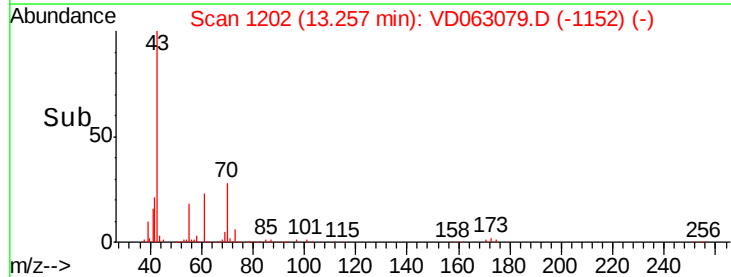
200000

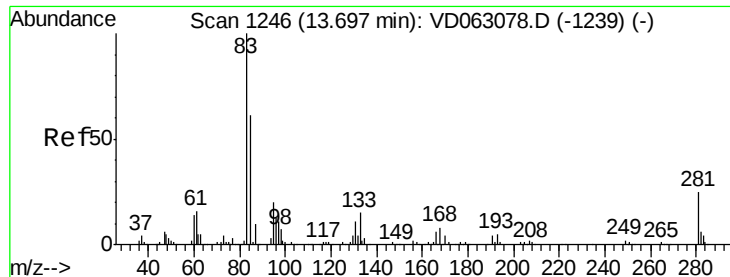
0

13.26

13.20 13.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 98.461 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

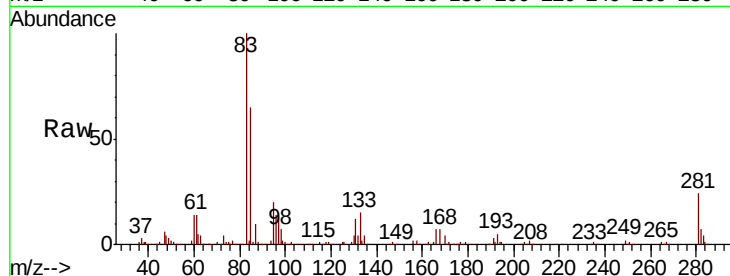
Tot Ion: 83 Resp: 517341

Ion Ratio Lower Upper

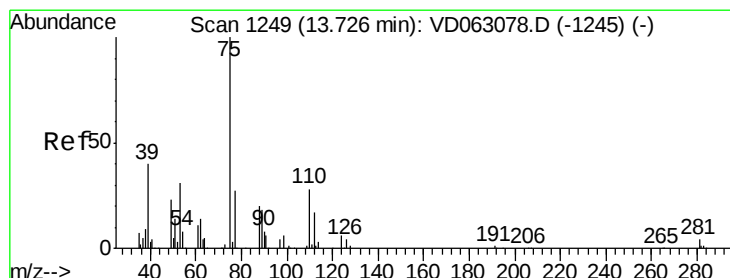
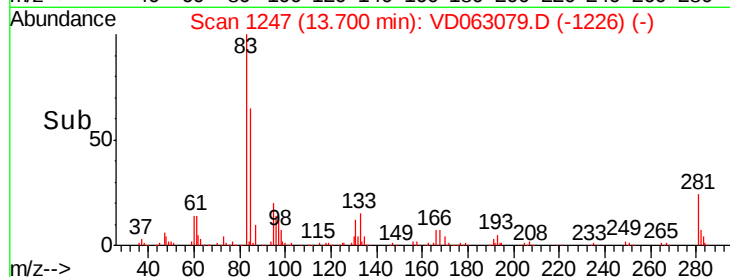
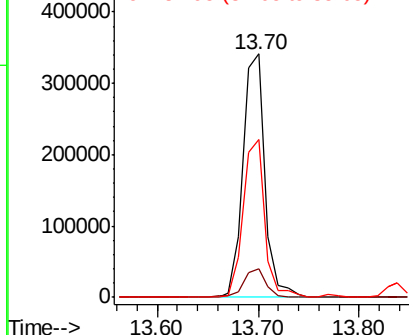
83 100

131 11.6 5.5 16.7

85 64.7 30.7 92.1



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: 95.139 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VD063079.D

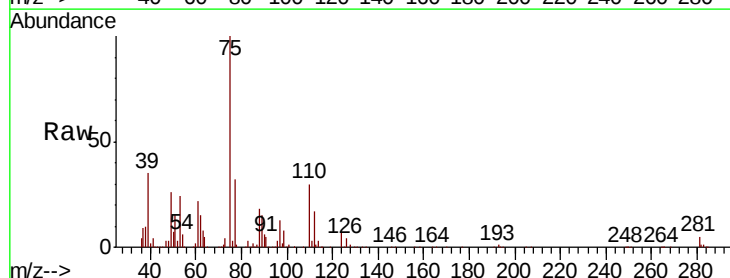
Acq: 15 Jul 2019 12:50

Tgt Ion: 75 Resp: 549153

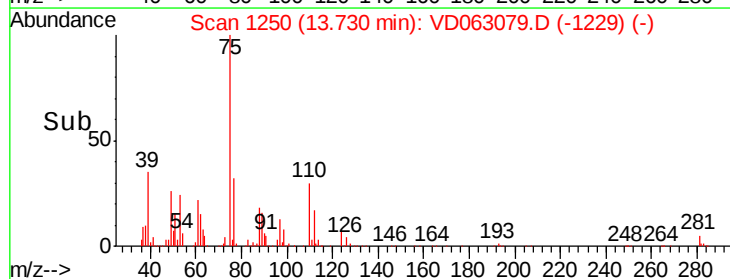
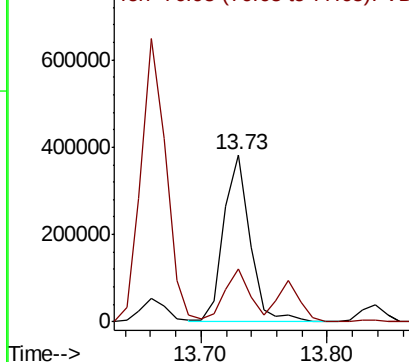
Ion Ratio Lower Upper

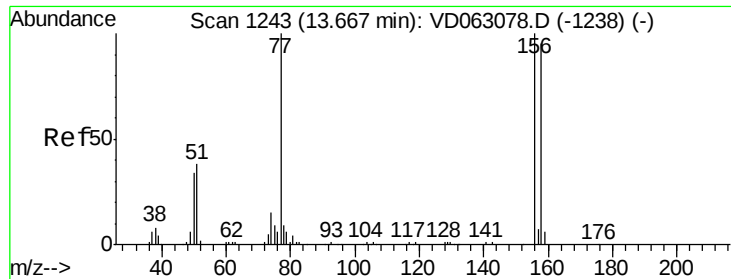
75 100

77 31.8 16.3 48.8



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 85.683 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

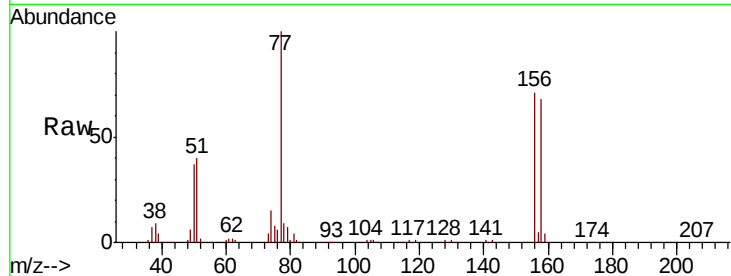
Tot Ion:156 Resp: 720250

Ion Ratio Lower Upper

156 100

77 140.2 50.2 150.7

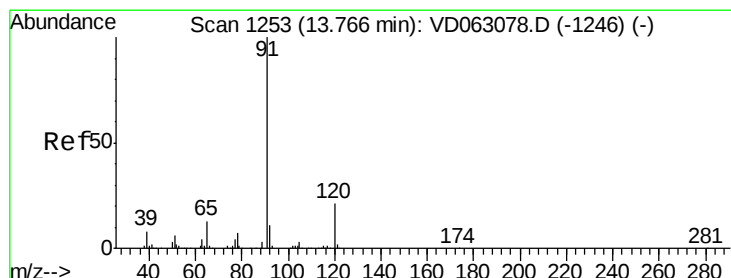
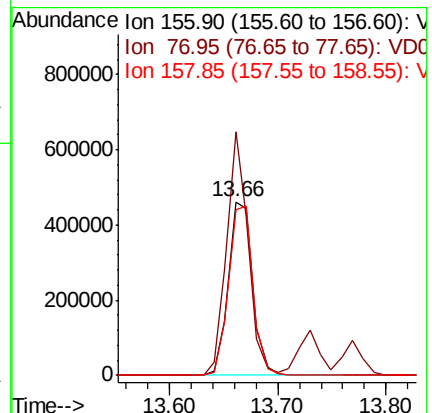
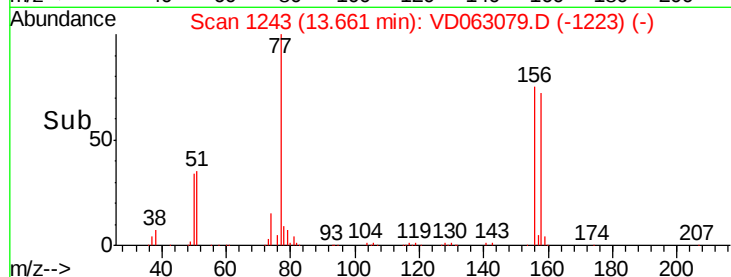
158 95.1 47.6 142.9



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: 77.084 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VD063079.D

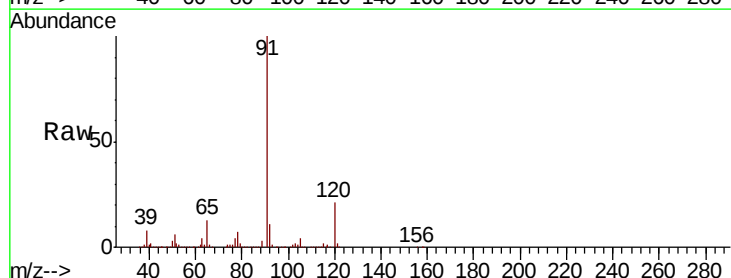
Acq: 15 Jul 2019 12:50

Tgt Ion: 91 Resp: 2826508

Ion Ratio Lower Upper

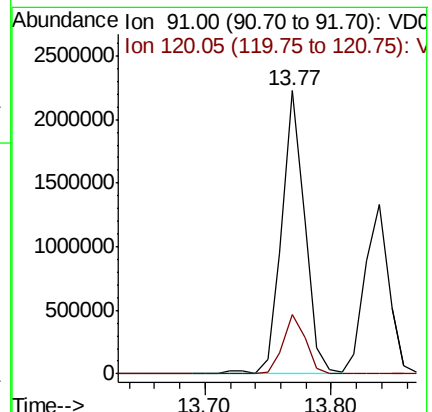
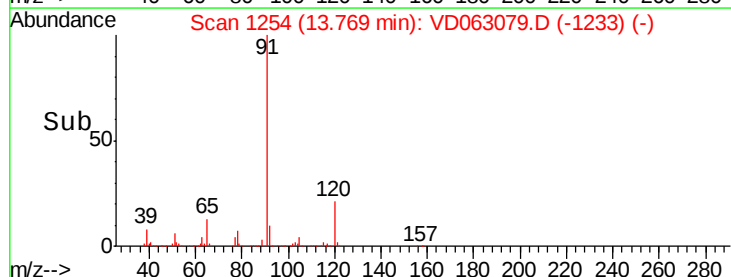
91 100

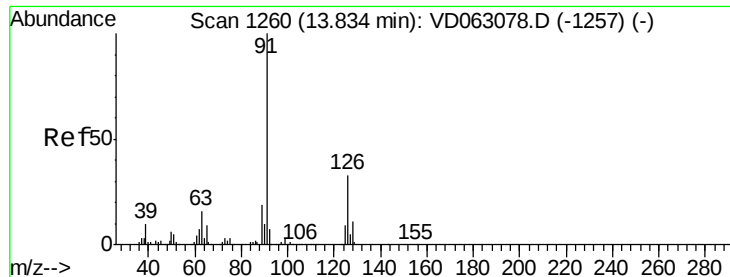
120 20.9 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 83.933 ug/l

RT: 13.84 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

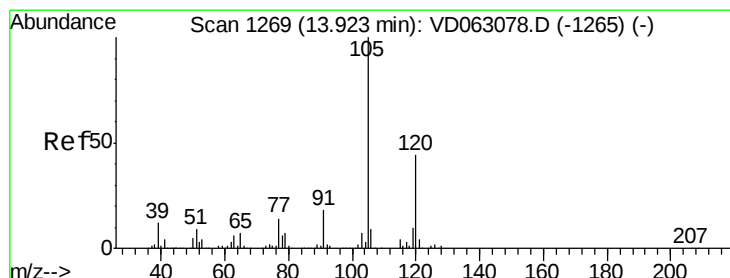
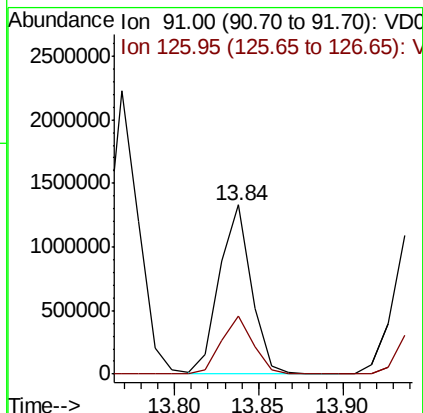
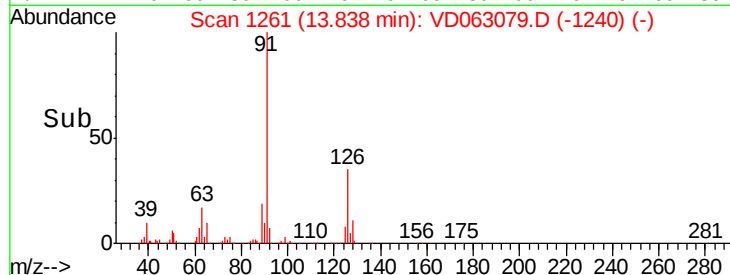
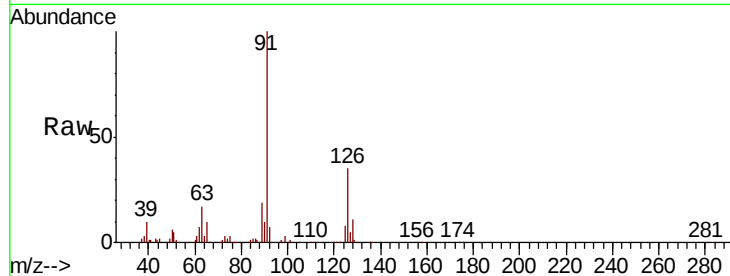
VSTDIC075

Tot Ion: 91 Resp: 1751929

Ion Ratio Lower Upper

91 100

126 34.7 16.4 49.2



#80

1,3,5-Trimethylbenzene

Concen: 78.675 ug/l

RT: 13.93 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VD063079.D

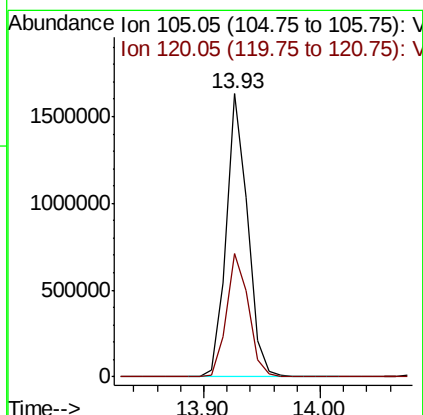
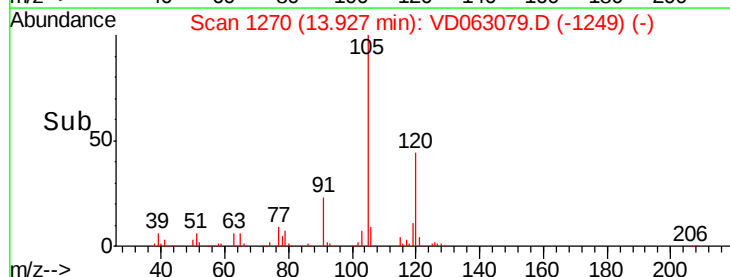
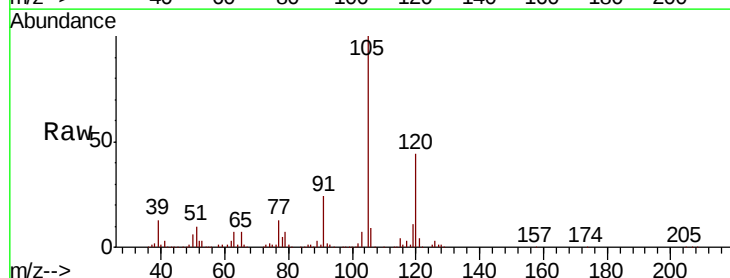
Acq: 15 Jul 2019 12:50

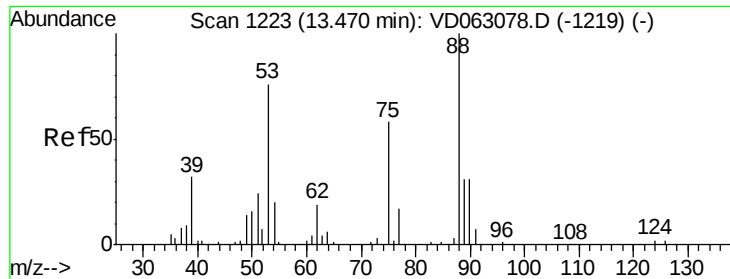
Tgt Ion:105 Resp: 2066376

Ion Ratio Lower Upper

105 100

120 43.7 21.8 65.4





#81

trans-1,4-Dichloro-2-butene

Concen: 93.367 ug/l

RT: 13.46 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC075

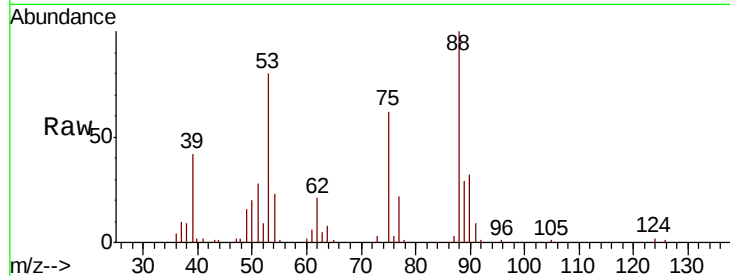
Tot Ion: 75 Resp: 140876

Ion Ratio Lower Upper

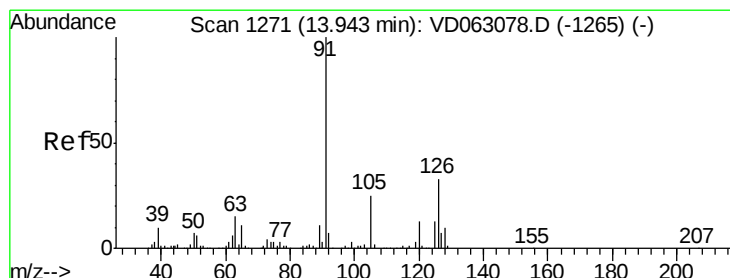
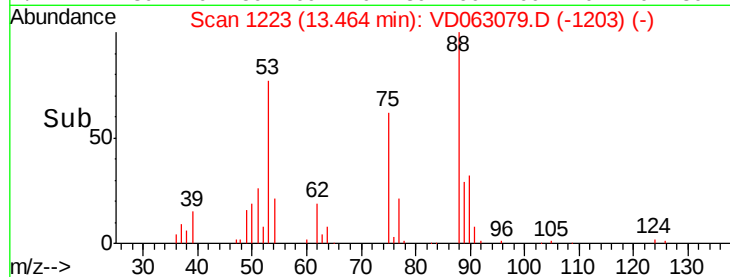
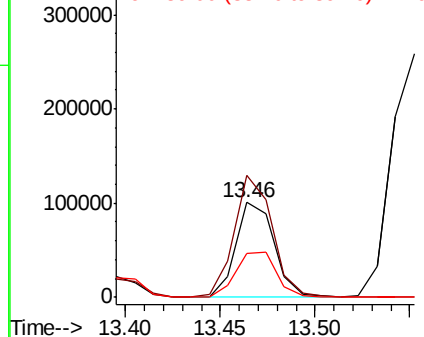
75 100

53 128.7 104.4 156.6

89 46.6 43.1 64.7



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 53.00 (52.70 to 53.70): VDC  
Ion 89.00 (88.70 to 89.70): VDC



#82

4-Chlorotoluene

Concen: 77.803 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VD063079.D

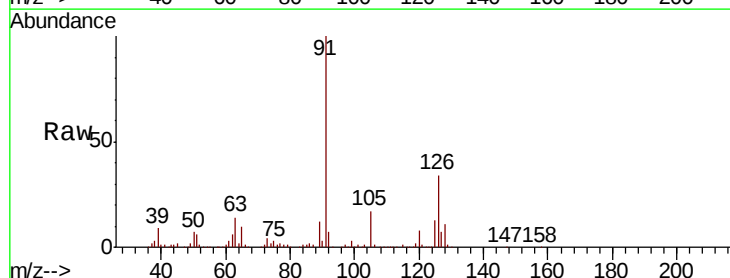
Acq: 15 Jul 2019 12:50

Tgt Ion: 91 Resp: 1951593

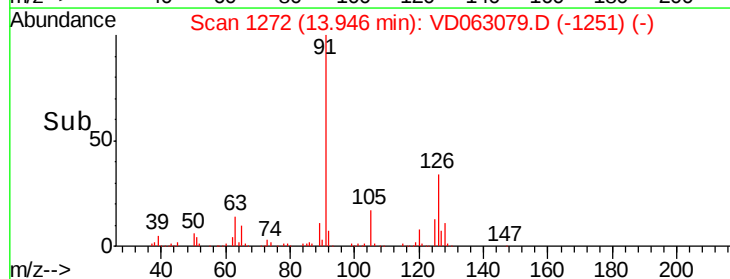
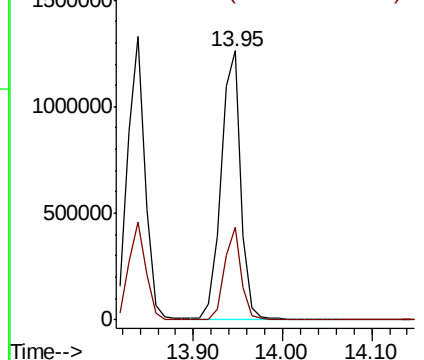
Ion Ratio Lower Upper

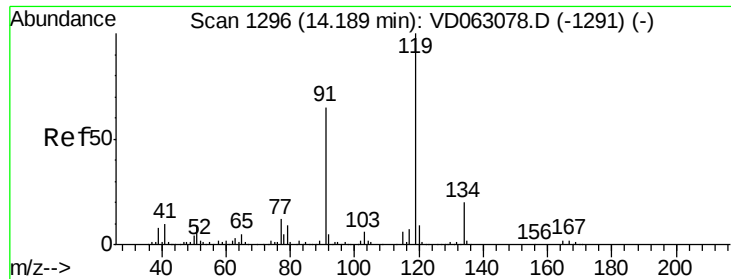
91 100

126 34.3 16.7 50.1



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

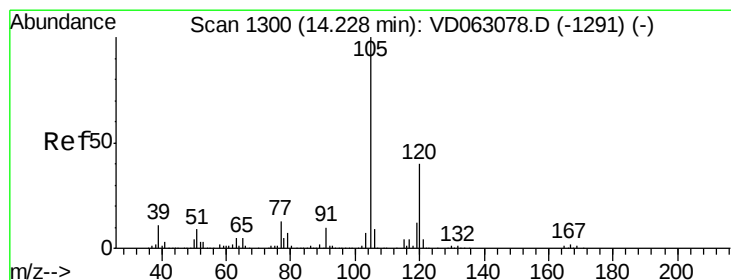
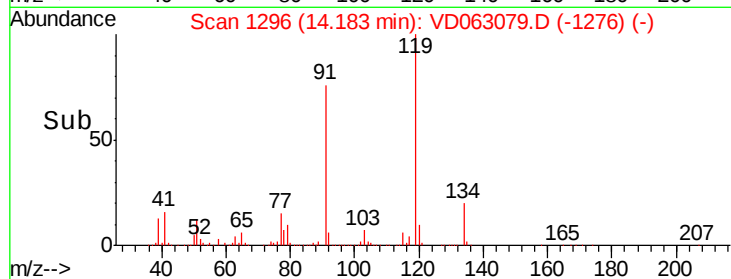
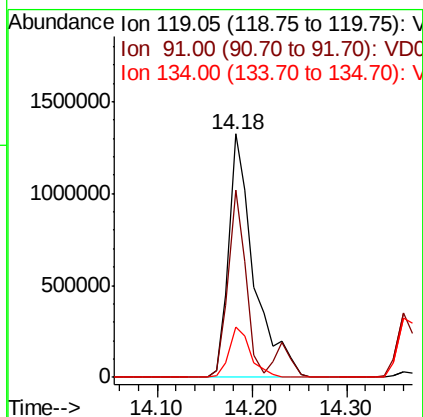
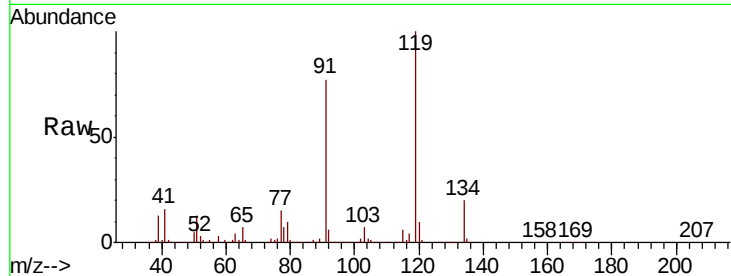




#83  
 tert-Butylbenzene  
 Concen: 83.565 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

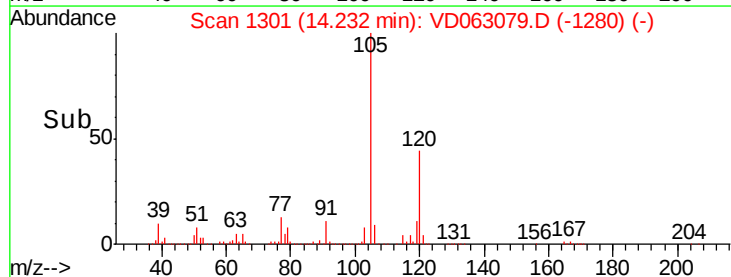
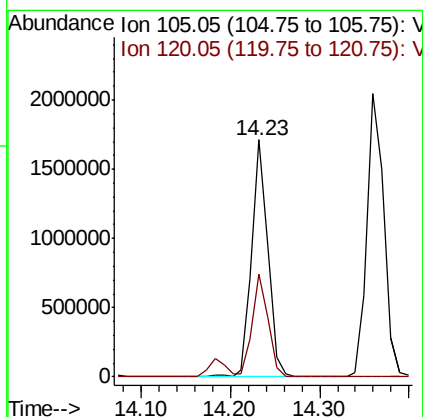
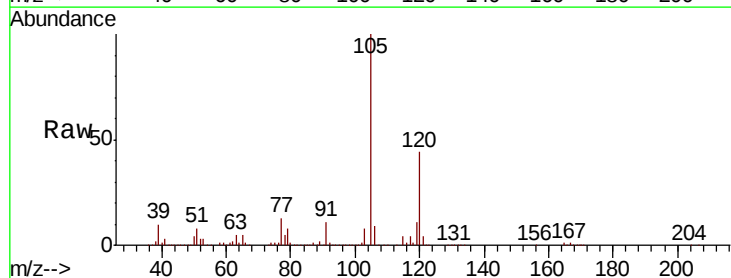
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

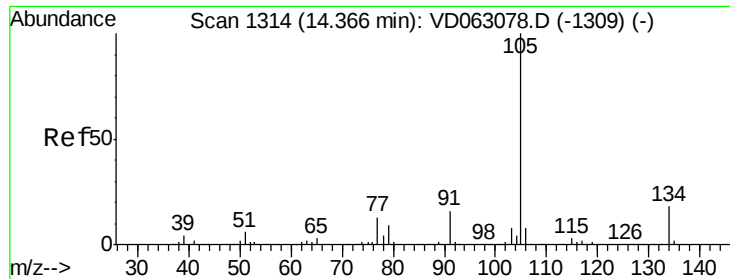
Tot Ion:119 Resp: 2462605  
 Ion Ratio Lower Upper  
 119 100  
 91 77.0 32.4 97.2  
 134 20.4 10.2 30.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 79.987 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion:105 Resp: 2138246  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 20.2 60.6





#85

sec-Butylbenzene

Concen: 83.152 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.01 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

Instrument :

MSVOA\_D

ClientSampleId :

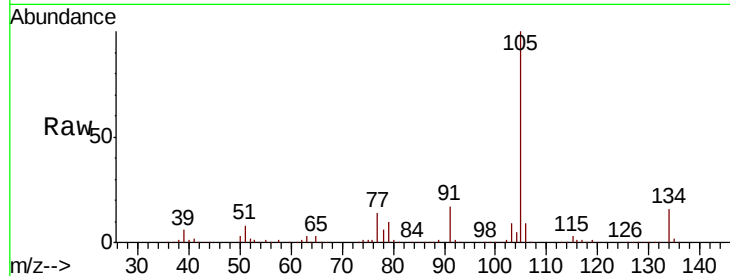
VSTDIC075

Tot Ion:105 Resp: 2654745

Ion Ratio Lower Upper

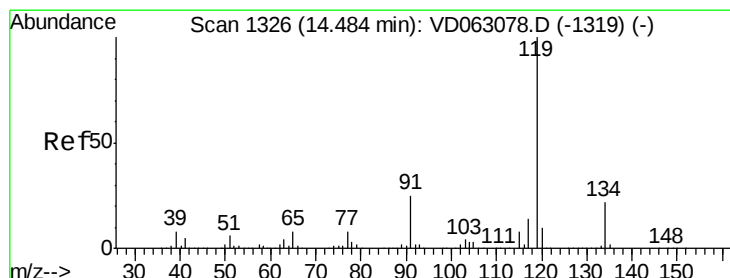
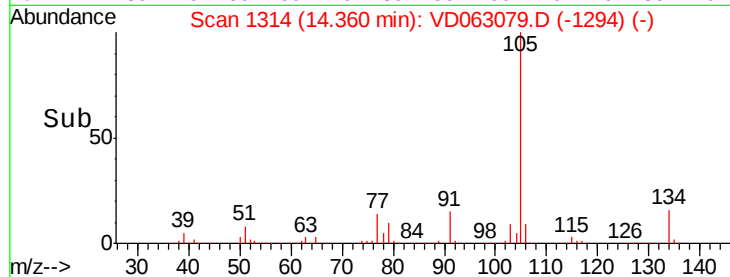
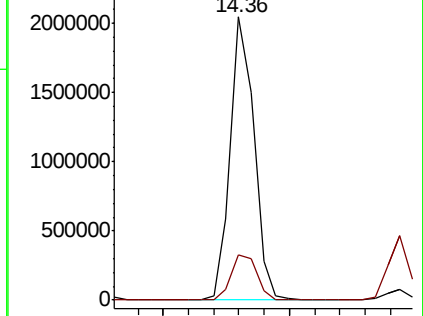
105 100

134 15.9 8.9 26.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#86

p-Isopropyltoluene

Concen: 85.168 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. 0.00 min

Lab File: VD063079.D

Acq: 15 Jul 2019 12:50

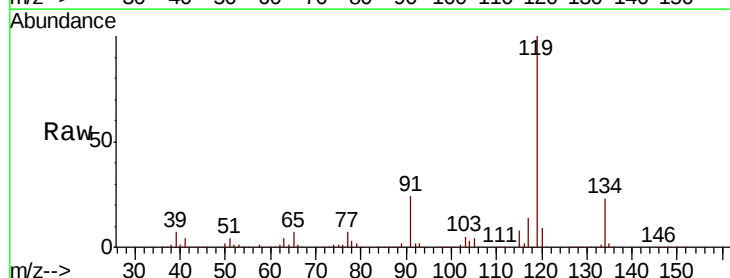
Tgt Ion:119 Resp: 2452524

Ion Ratio Lower Upper

119 100

134 23.1 10.8 32.4

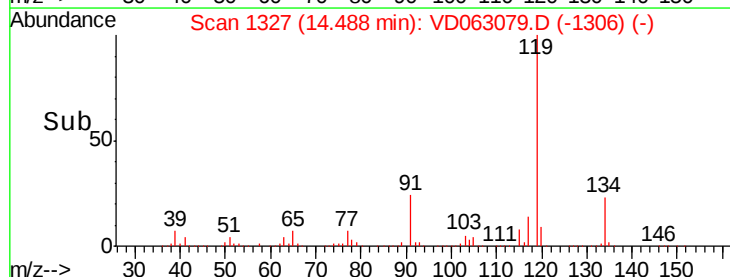
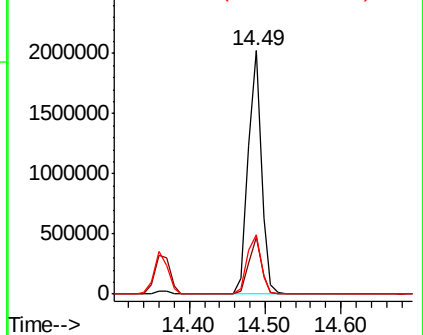
91 24.2 12.5 37.5

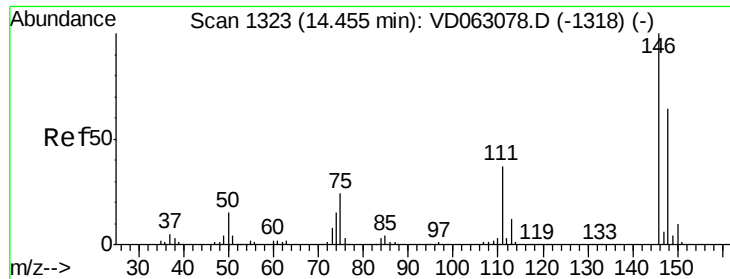


Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

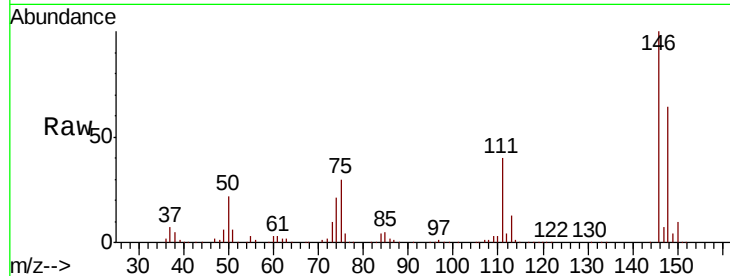




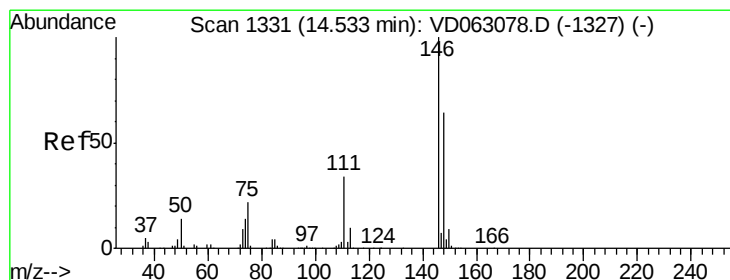
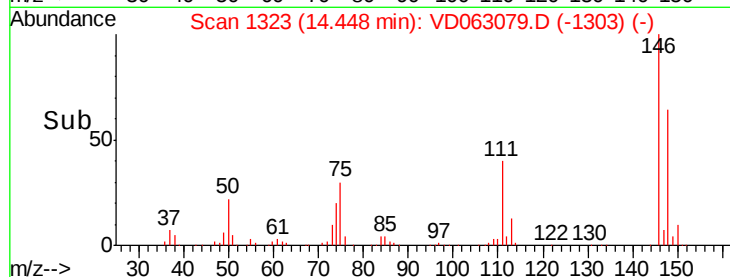
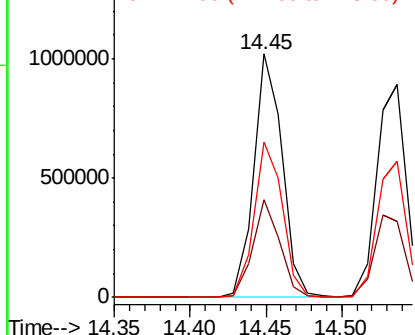
#87  
 1,3-Dichlorobenzene  
 Concen: 89.071 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

Tot Ion:146 Resp: 1339278  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 18.6 55.6  
 148 63.8 32.0 96.0

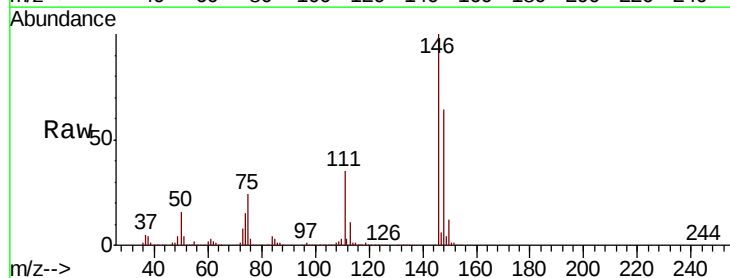


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

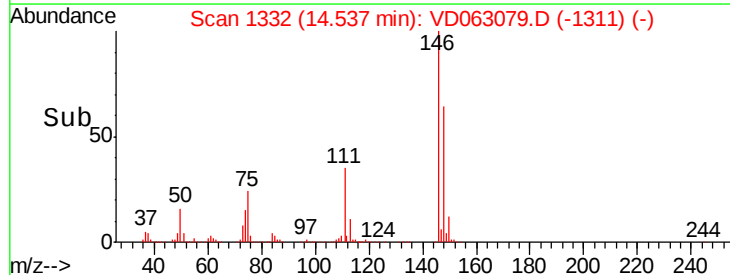
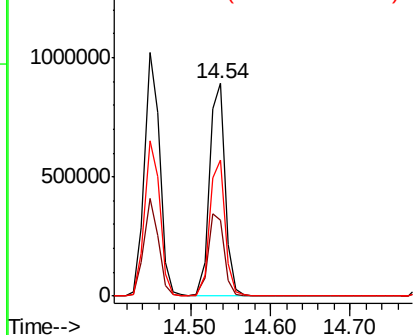


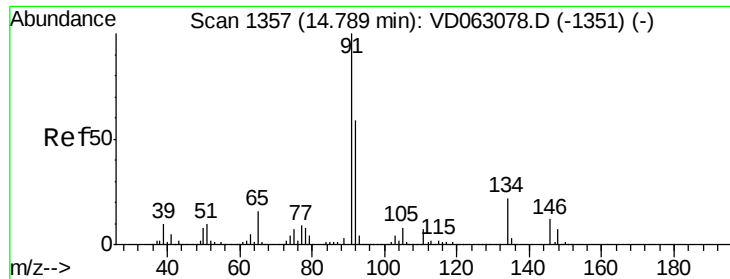
#88  
 1,4-Dichlorobenzene  
 Concen: 82.360 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion:146 Resp: 1238965  
 Ion Ratio Lower Upper  
 146 100  
 111 35.4 17.0 51.0  
 148 64.1 32.0 96.2



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

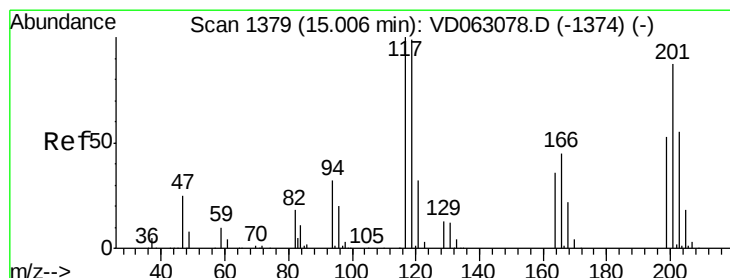
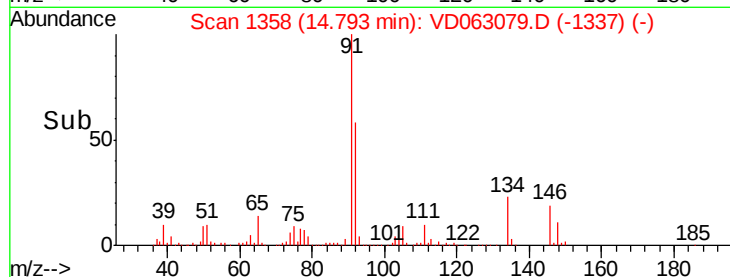
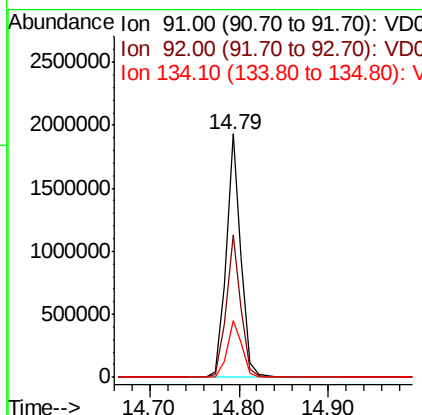
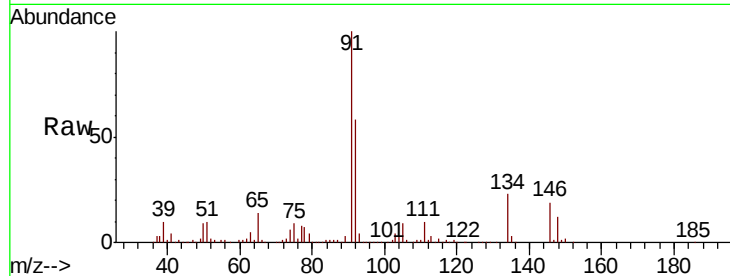




#89  
n-Butylbenzene  
Concen: 82.634 ug/l  
RT: 14.79 min Scan# 1358  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

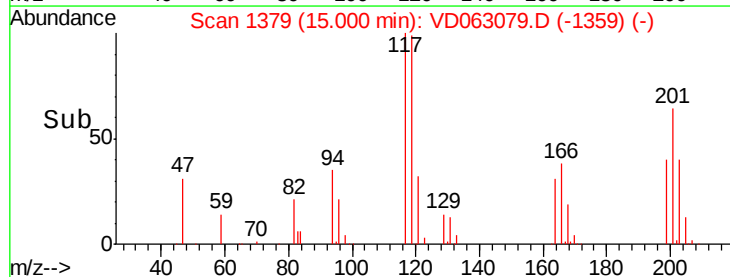
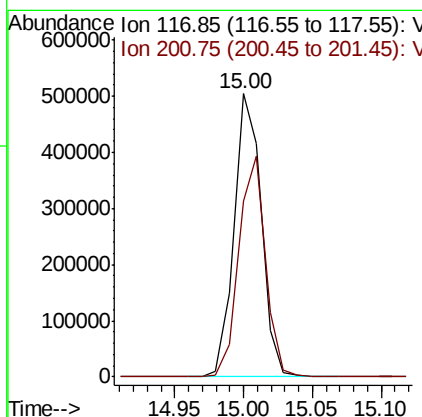
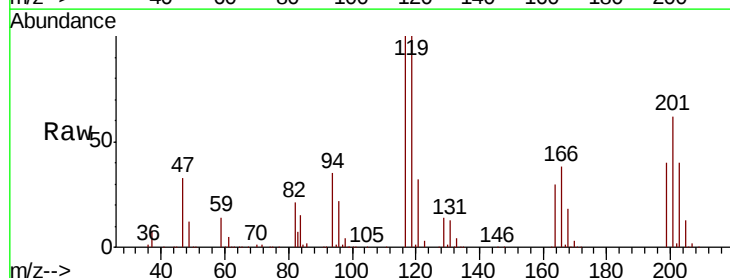
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

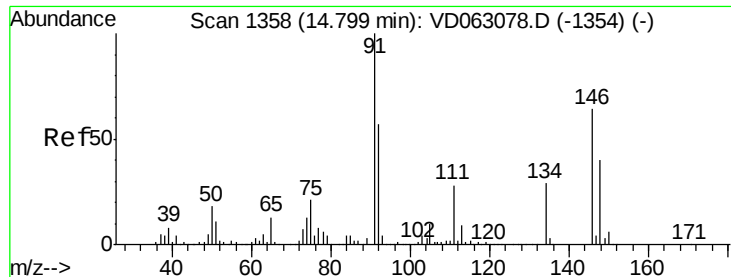
Tot Ion: 91 Resp: 2257772  
Ion Ratio Lower Upper  
91 100  
92 58.3 29.4 88.3  
134 23.1 11.3 33.8



#90  
Hexachloroethane  
Concen: 88.965 ug/l  
RT: 15.00 min Scan# 1379  
Delta R.T. -0.01 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion: 117 Resp: 696077  
Ion Ratio Lower Upper  
117 100  
201 62.3 43.4 130.1

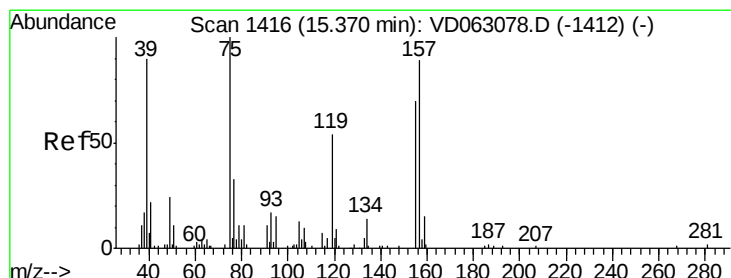
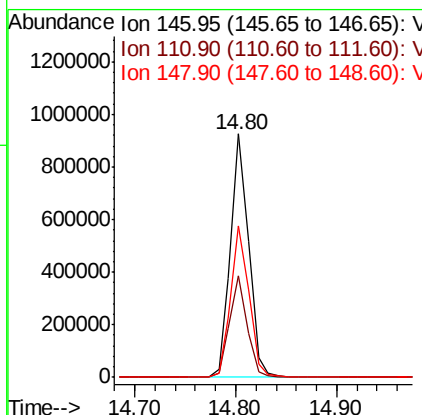
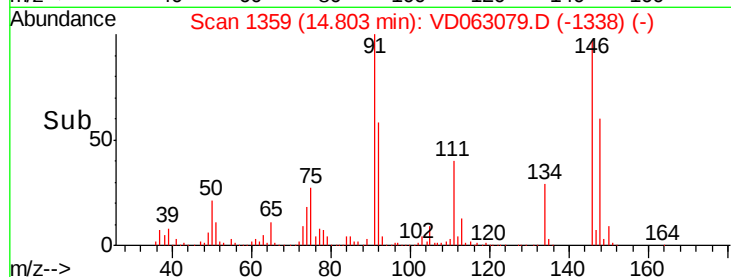
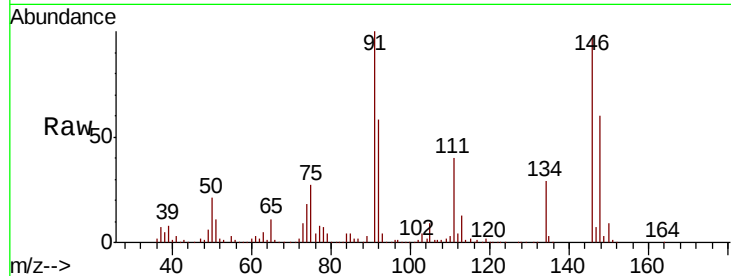




#91  
 1,2-Dichlorobenzene  
 Concen: 88.477 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

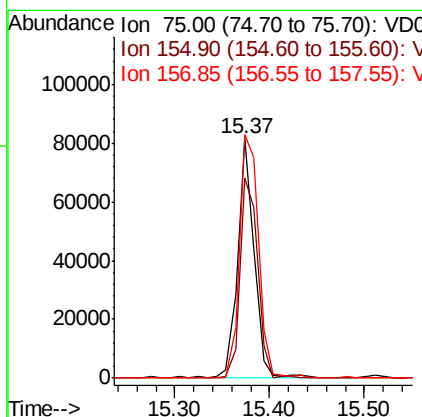
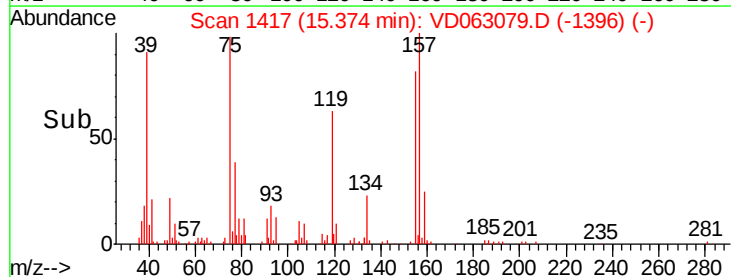
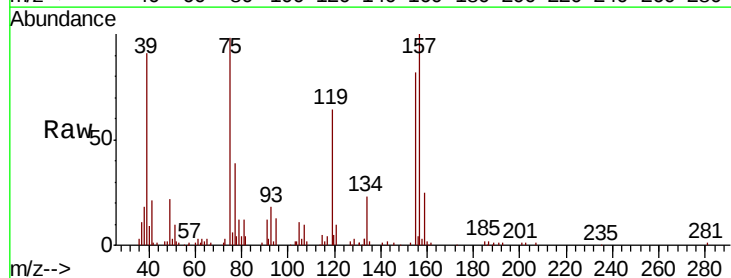
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

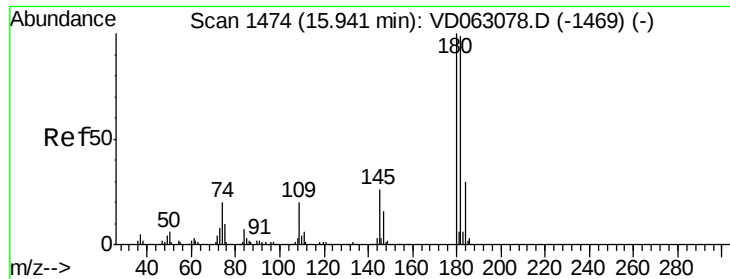
Tot Ion:146 Resp: 115523  
 Ion Ratio Lower Upper  
 146 100  
 111 41.5 21.9 65.5  
 148 62.3 31.5 94.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 98.443 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion: 75 Resp: 99656  
 Ion Ratio Lower Upper  
 75 100  
 155 83.4 34.8 104.3  
 157 101.7 44.7 134.1

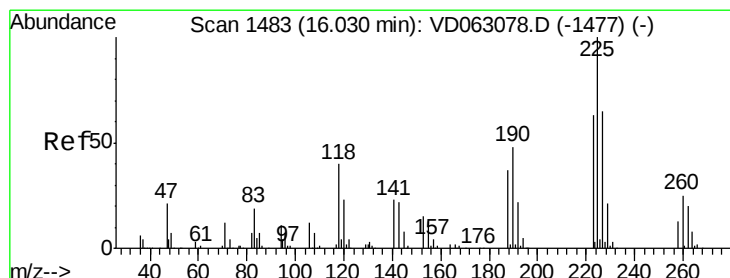
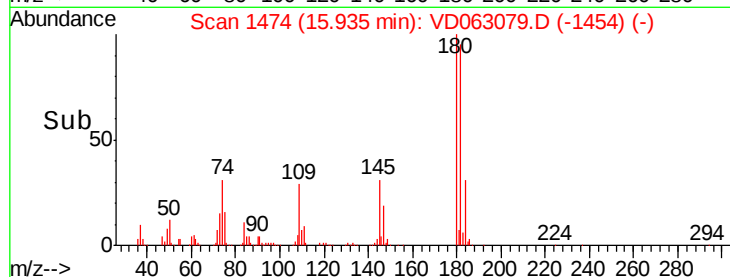
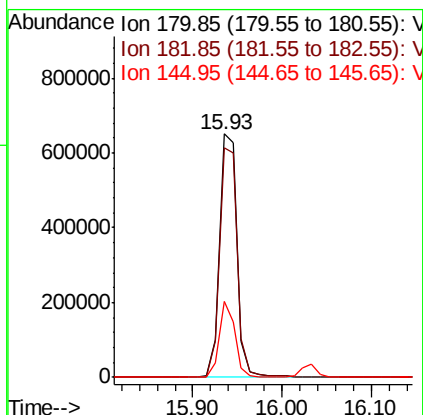
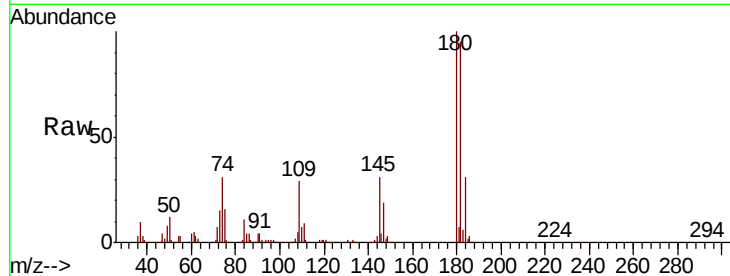




#93  
 1,2,4-Trichlorobenzene  
 Concen: 88.092 ug/l  
 RT: 15.93 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

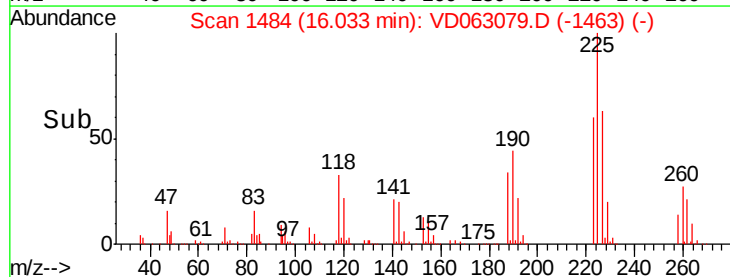
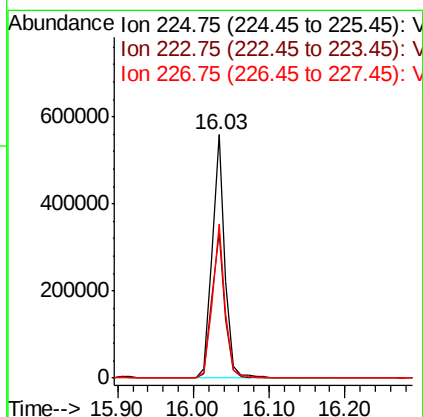
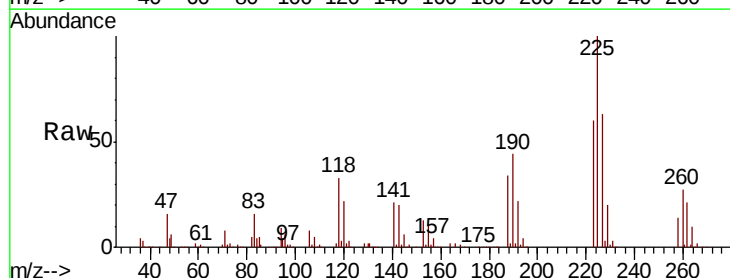
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC075

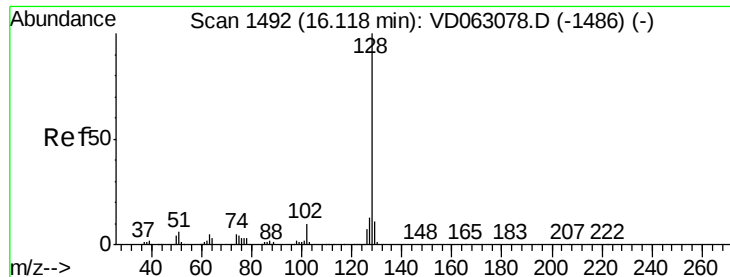
Tot Ion:180 Resp: 902961  
 Ion Ratio Lower Upper  
 180 100  
 182 94.5 49.5 148.3  
 145 31.4 12.8 38.4



#94  
 Hexachlorobutadiene  
 Concen: 86.105 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. 0.00 min  
 Lab File: VD063079.D  
 Acq: 15 Jul 2019 12:50

Tgt Ion:225 Resp: 667430  
 Ion Ratio Lower Upper  
 225 100  
 223 59.7 31.4 94.2  
 227 63.4 32.6 97.8

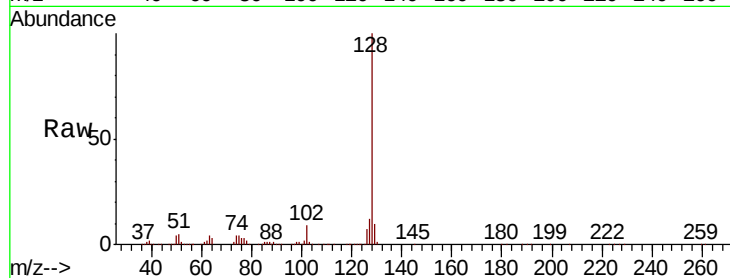




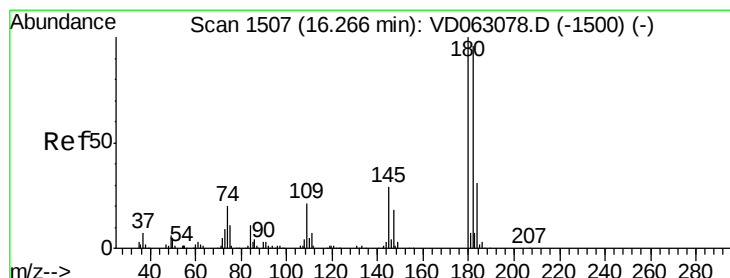
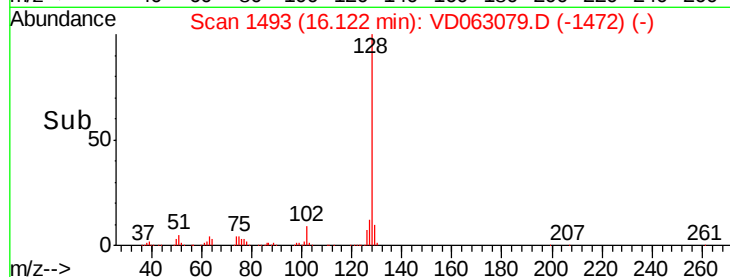
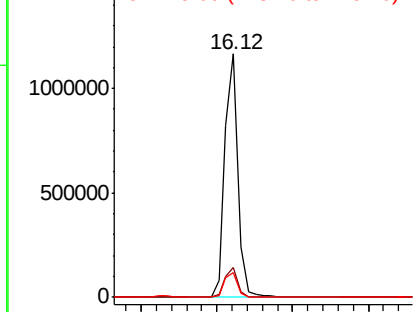
#95  
Naphthalene  
Concen: 99.735 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC075

Tot Ion:128 Resp: 1415659  
Ion Ratio Lower Upper  
128 100  
127 12.2 10.7 16.1  
129 10.2 8.7 13.1

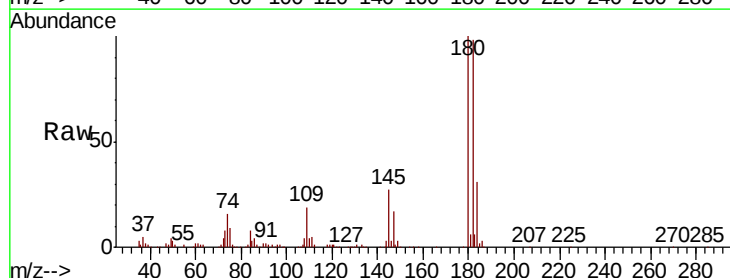


Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96  
1,2,3-Trichlorobenzene  
Concen: 92.153 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. 0.00 min  
Lab File: VD063079.D  
Acq: 15 Jul 2019 12:50

Tgt Ion:180 Resp: 732646  
Ion Ratio Lower Upper  
180 100  
182 98.2 47.9 143.6  
145 26.6 14.4 43.4



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

