

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD043019\  
 Data File : VD062085.D  
 Acq On : 30 Apr 2019 14:11  
 Operator : FY/SY  
 Sample : VD0430SBS01  
 Misc : 5.00qm/5mL/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

Quant Time: May 01 01:13:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 541045   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.20  | 114  | 855303   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.35 | 117  | 724080   | 50.00 | ug/l  | -0.01    |
| 72) 1,4-Dichlorobenzene-d4 | 14.51 | 152  | 342904   | 50.00 | ug/l  | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.44  | 65   | 225109   | 53.16 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 106.32% |          |
| 35) Dibromofluoromethane    | 6.91  | 113  | 311656   | 52.69 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 105.38% |          |
| 50) Toluene-d8              | 10.39 | 98   | 711252   | 50.53 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 101.06% |          |
| 62) 4-Bromofluorobenzene    | 13.54 | 95   | 305778   | 54.16 | ug/l    | -0.01    |
| Spiked Amount               |       |      | Recovery | =     | 108.32% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 88980    | 18.418  | ug/l   | 100    |
| 3) Chloromethane              | 1.75 | 50   | 77871    | 18.965  | ug/l   | 97     |
| 4) Vinyl Chloride             | 1.85 | 62   | 75501    | 20.287  | ug/l   | 96     |
| 5) Bromomethane               | 2.14 | 94   | 20413    | 18.187  | ug/l   | 98     |
| 6) Chloroethane               | 2.24 | 64   | 26186    | 19.465  | ug/l   | 89     |
| 7) Trichlorofluoromethane     | 2.52 | 101  | 120257   | 21.371  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.86 | 74   | 31520    | 20.900  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 116660   | 22.506  | ug/l   | 96     |
| 10) Methyl Iodide             | 3.30 | 142  | 114398   | 18.341  | ug/l # | 94     |
| 11) Tert butyl alcohol        | 4.05 | 59   | 27320    | 114.189 | ug/l   | 95     |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 92678    | 21.015  | ug/l   | 98     |
| 13) Acrolein                  | 3.02 | 56   | 26342    | 106.115 | ug/l   | 87     |
| 14) Allyl chloride            | 3.61 | 41   | 133182   | 22.116  | ug/l   | 96     |
| 15) Acrylonitrile             | 4.18 | 53   | 85690    | 115.663 | ug/l   | 96     |
| 16) Acetone                   | 3.21 | 43   | 111903   | 110.677 | ug/l   | 92     |
| 17) Carbon Disulfide          | 3.37 | 76   | 243605   | 19.115  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.63 | 43   | 49255    | 25.816  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.22 | 73   | 189224   | 21.625  | ug/l   | 93     |
| 20) Methylene Chloride        | 3.80 | 84   | 117084   | 22.001  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 4.20 | 96   | 102754   | 20.310  | ug/l   | 99     |
| 22) Diisopropyl ether         | 5.10 | 45   | 283549   | 20.168  | ug/l   | 98     |
| 23) Vinyl Acetate             | 5.04 | 43   | 766767   | 104.724 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 4.96 | 63   | 170733   | 20.091  | ug/l   | 99     |
| 25) 2-Butanone                | 6.05 | 43   | 129144   | 105.350 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 6.01 | 77   | 156100   | 21.056  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96   | 119340   | 20.735  | ug/l   | 96     |
| 28) Bromochloromethane        | 6.42 | 49   | 76014    | 23.378  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 6.45 | 42   | 63842    | 105.697 | ug/l   | 98     |
| 30) Chloroform                | 6.65 | 83   | 196077   | 20.315  | ug/l   | 95     |
| 31) Cyclohexane               | 6.94 | 56   | 110682   | 17.548  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 6.85 | 97   | 172817   | 20.578  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 7.13 | 75   | 137637   | 20.655  | ug/l   | 97     |
| 37) Ethyl Acetate             | 6.15 | 43   | 62269    | 21.928  | ug/l # | 92     |
| 38) Carbon Tetrachloride      | 7.10 | 117  | 187707   | 22.230  | ug/l   | 99     |

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 Misc : 5.00qm/5mL/MSVOA D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

Quant Time: May 01 01:13:40 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 23 14:52:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 130655   | 19.873  | ug/l   | 97       |
| 40) Benzene                    | 7.44  | 78   | 329226   | 19.956  | ug/l   | 97       |
| 41) Methacrylonitrile          | 6.44  | 41   | 73725    | 22.252  | ug/l # | 89       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 117768   | 21.025  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.22  | 43   | 88331    | 21.289  | ug/l   | 96       |
| 44) Trichloroethene            | 8.52  | 130  | 131975   | 20.635  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 83232    | 19.887  | ug/l   | 98       |
| 46) Dibromomethane             | 9.05  | 93   | 64586    | 21.447  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.36  | 83   | 151904   | 21.348  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.10  | 41   | 50385    | 21.284  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 12617    | 494.350 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 280735   | 110.637 | ug/l   | 99       |
| 52) Toluene                    | 10.49 | 92   | 212404   | 20.193  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 133152   | 22.293  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.02 | 75   | 152988   | 21.060  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 11.17 | 97   | 81574    | 23.100  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 11.02 | 69   | 82806    | 21.172  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.40 | 76   | 110599   | 20.278  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 9.84  | 63   | 221857   | 122.006 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.52 | 43   | 214282   | 112.576 | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.67 | 129  | 132115   | 22.610  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.79 | 107  | 92680    | 22.124  | ug/l   | 97       |
| 64) Tetrachloroethene          | 11.24 | 164  | 101288   | 19.609  | ug/l   | 95       |
| 65) Chlorobenzene              | 12.39 | 112  | 275761   | 20.154  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.50 | 131  | 122396   | 21.089  | ug/l   | 91       |
| 67) Ethyl Benzene              | 12.51 | 91   | 460929   | 20.639  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.66 | 106  | 325285   | 40.300  | ug/l   | 98       |
| 69) o-Xylene                   | 13.04 | 106  | 143160   | 19.385  | ug/l   | 98       |
| 70) Styrene                    | 13.06 | 104  | 273352   | 21.436  | ug/l   | 99       |
| 71) Bromoform                  | 13.23 | 173  | 70049    | 21.170  | ug/l # | 94       |
| 73) Isopropylbenzene           | 13.40 | 105  | 404015   | 17.663  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.26 | 43   | 113027   | 19.187  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 85492    | 19.073  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 13.72 | 75   | 86322    | 19.824  | ug/l   | 99       |
| 77) Bromobenzene               | 13.66 | 156  | 118296   | 18.028  | ug/l   | 98       |
| 78) n-propylbenzene            | 13.76 | 91   | 538222   | 20.554  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.83 | 91   | 311571   | 19.644  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 370135   | 20.294  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 24439    | 18.521  | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 13.94 | 91   | 354865   | 20.316  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 427015   | 20.210  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 372833   | 21.408  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 468949   | 20.541  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 14.48 | 119  | 408770   | 20.006  | ug/l   | 95       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 228755   | 19.907  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 14.53 | 146  | 230819   | 21.479  | ug/l   | 93       |
| 89) n-Butylbenzene             | 14.79 | 91   | 362156   | 19.743  | ug/l   | 98       |
| 90) Hexachloroethane           | 15.00 | 117  | 109418   | 19.804  | ug/l   | 94       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 199228   | 21.018  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 13611    | 22.106  | ug/l   | 85       |

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Data File : VD062085.D  
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Operator : FY/SY  
Sample : VD0430SBSD01  
Misc : 5.00gm/5mL/MSVOA D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

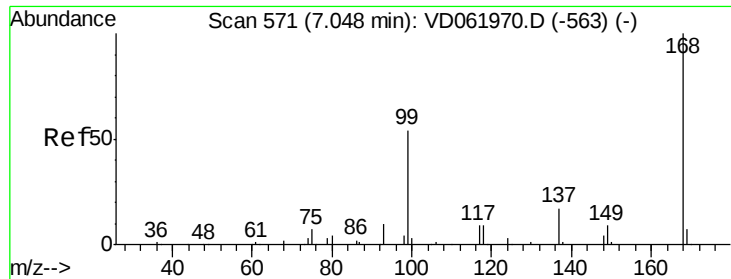
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Quant Time: May 01 01:13:40 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D042319S.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 23 14:52:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 108565   | 21.228 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 74247    | 19.617 | ug/l  | 99       |
| 95) Naphthalene            | 16.11 | 128  | 187666   | 22.726 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.26 | 180  | 62875    | 21.668 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

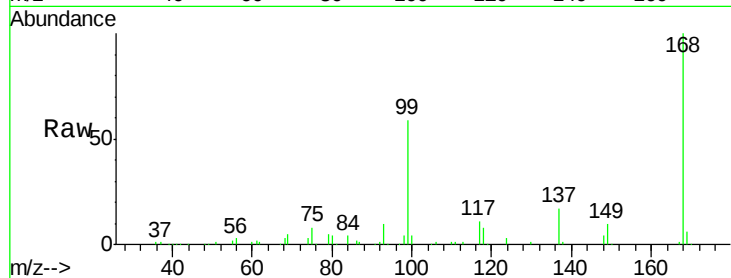
VD0430SBSD01

Tot Ion:168 Resp: 541045

Ion Ratio Lower Upper

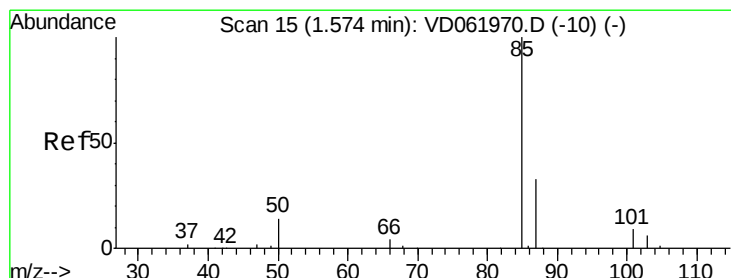
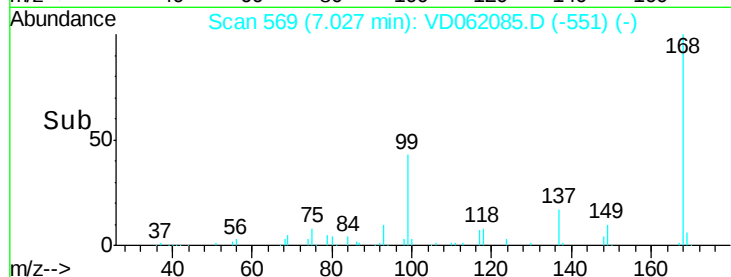
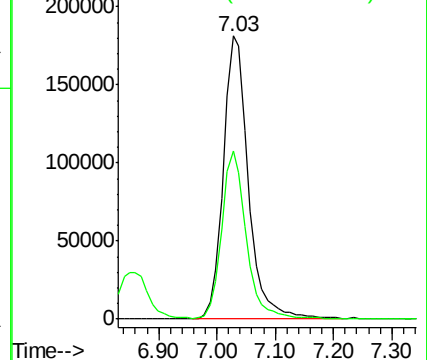
168 100

99 59.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 18.418 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.01 min

Lab File: VD062085.D

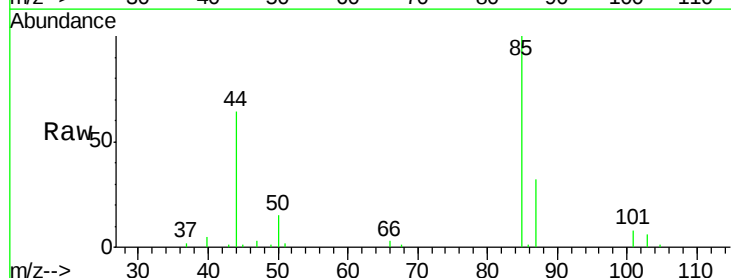
Acq: 30 Apr 2019 14:11

Tgt Ion: 85 Resp: 88980

Ion Ratio Lower Upper

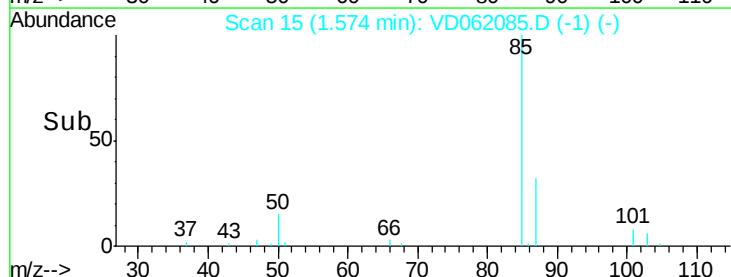
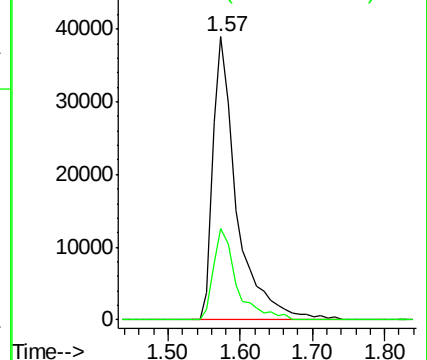
85 100

87 32.3 16.2 48.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 18.965 ug/l

RT: 1.75 min Scan# 33

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

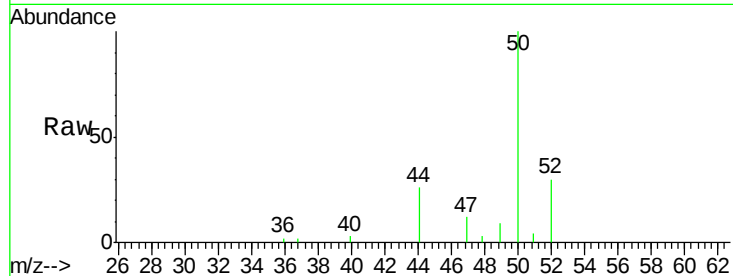
VD0430SBS01

Tot Ion: 50 Resp: 77871

Ion Ratio Lower Upper

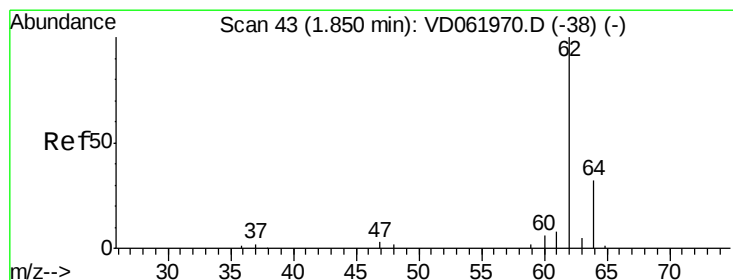
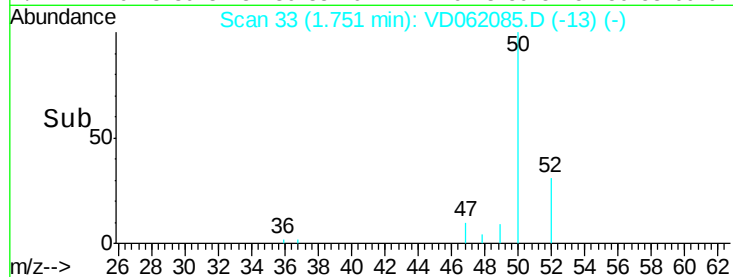
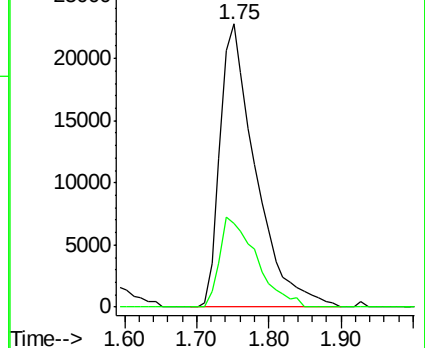
50 100

52 29.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 20.287 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD062085.D

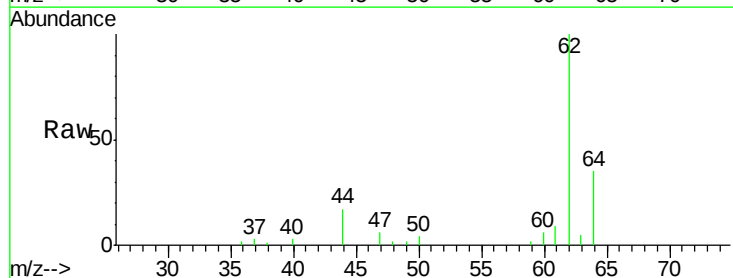
Acq: 30 Apr 2019 14:11

Tgt Ion: 62 Resp: 75501

Ion Ratio Lower Upper

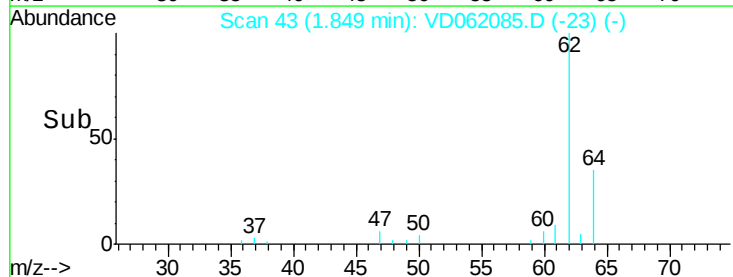
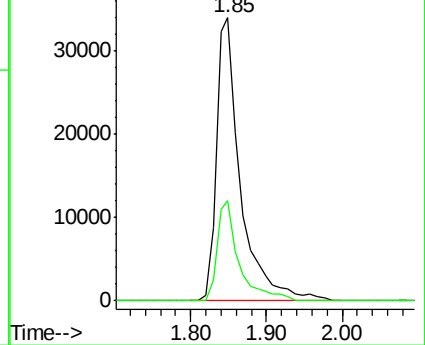
62 100

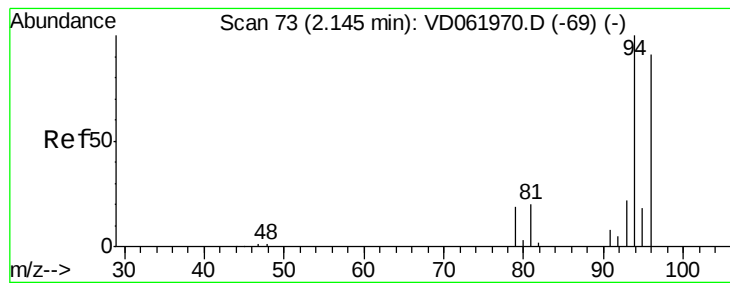
64 35.4 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.187 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBSD01

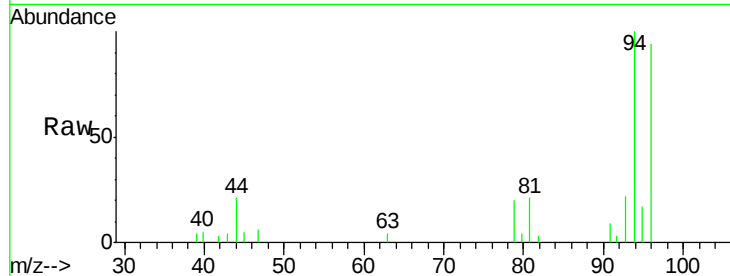
Tot Ion: 94 Resp: 20413

Ion Ratio Lower Upper

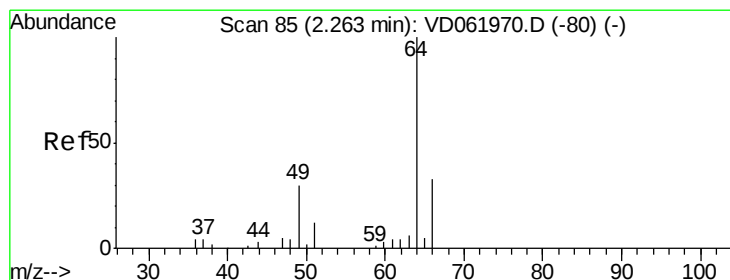
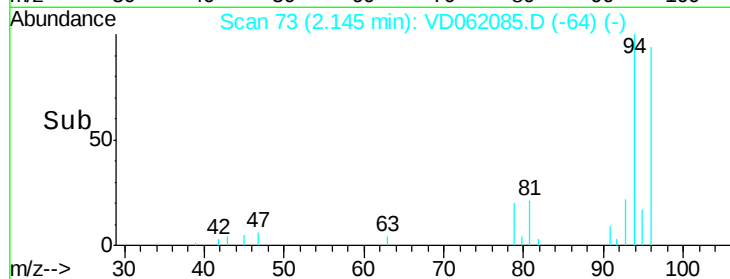
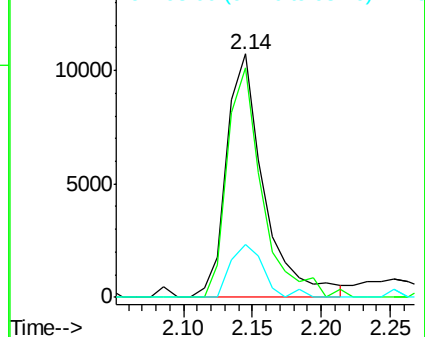
94 100

96 94.1 76.6 115.0

93 21.7 18.5 27.7



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: 19.465 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.03 min

Lab File: VD062085.D

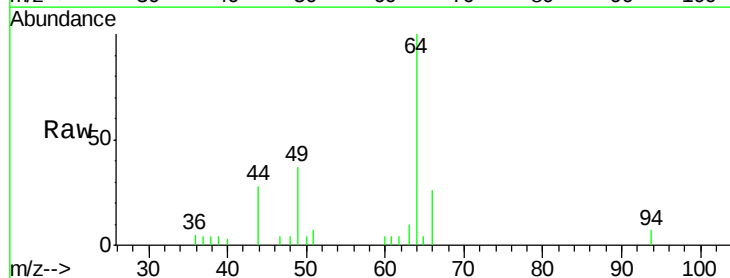
Acq: 30 Apr 2019 14:11

Tgt Ion: 64 Resp: 26186

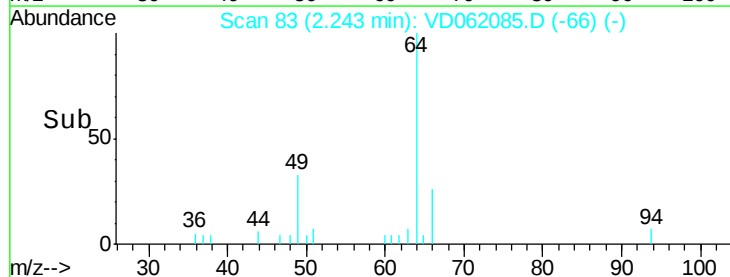
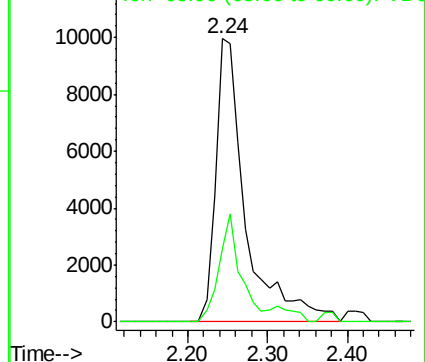
Ion Ratio Lower Upper

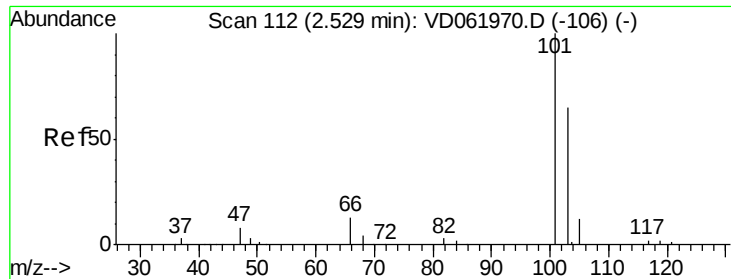
64 100

66 26.0 25.6 38.4



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



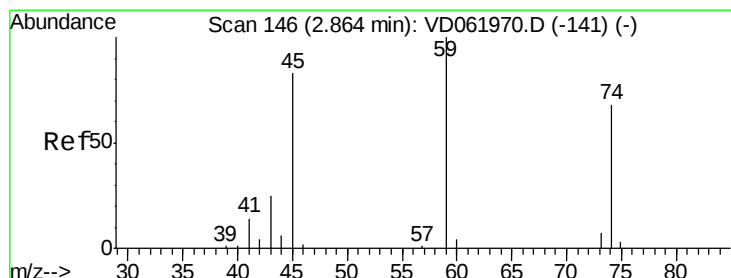
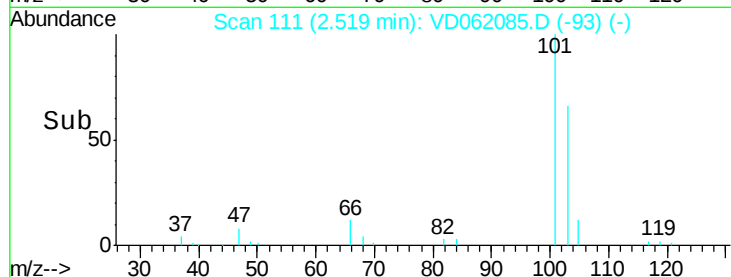
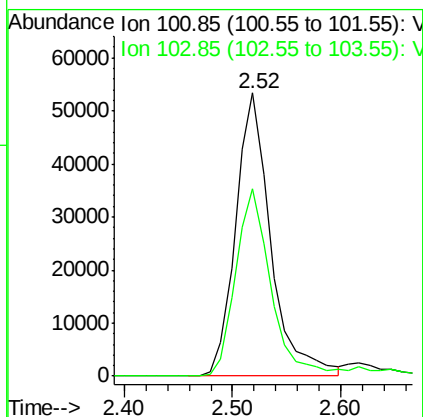
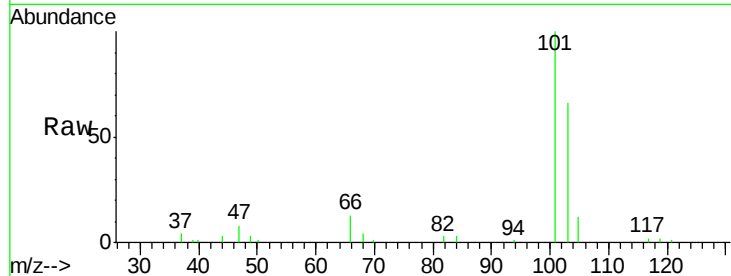


#7

Trichlorofluoromethane  
 Concen: 21.371 ug/l  
 RT: 2.52 min Scan# 111  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

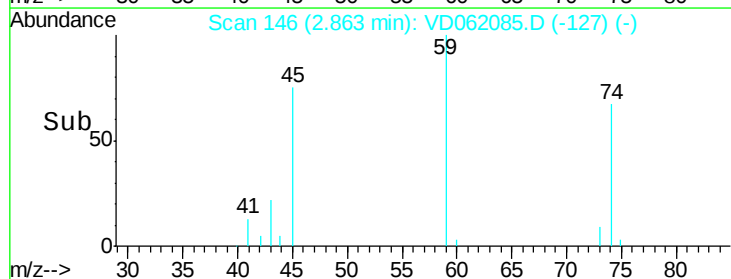
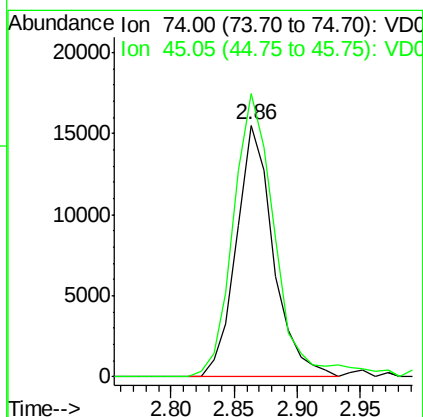
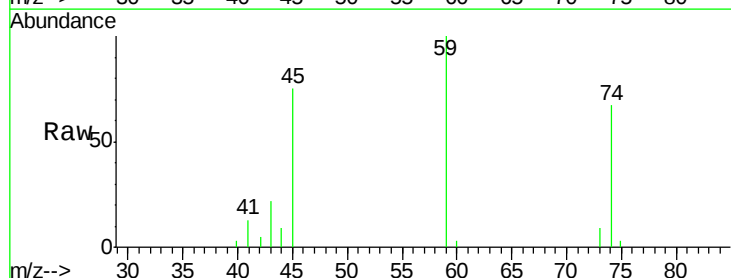
Tot Ion:101 Resp: 120257  
 Ion Ratio Lower Upper  
 101 100  
 103 66.2 53.6 80.4

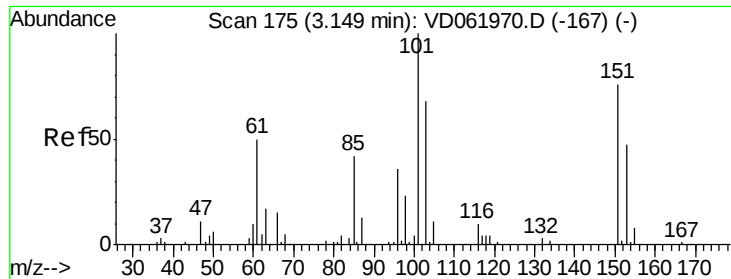


#8

Diethyl Ether  
 Concen: 20.900 ug/l  
 RT: 2.86 min Scan# 146  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 74 Resp: 31520  
 Ion Ratio Lower Upper  
 74 100  
 45 112.4 56.9 170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.506 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBSD01

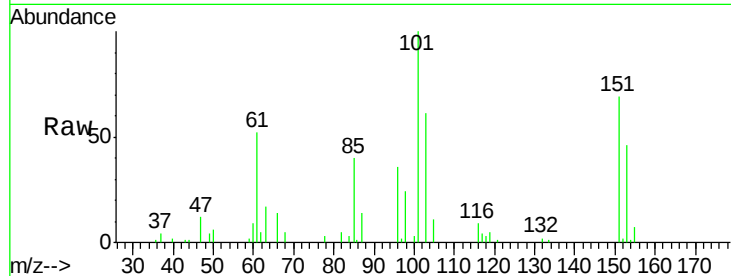
Tot Ion:101 Resp: 116660

Ion Ratio Lower Upper

101 100

85 39.6 32.4 48.6

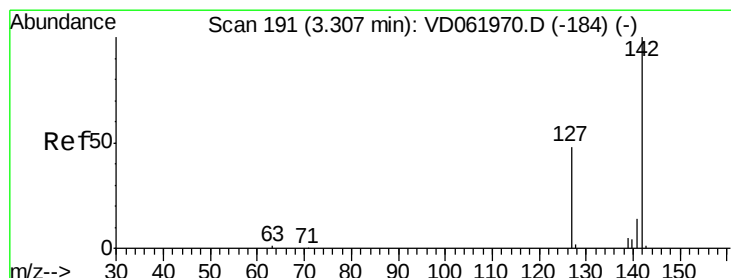
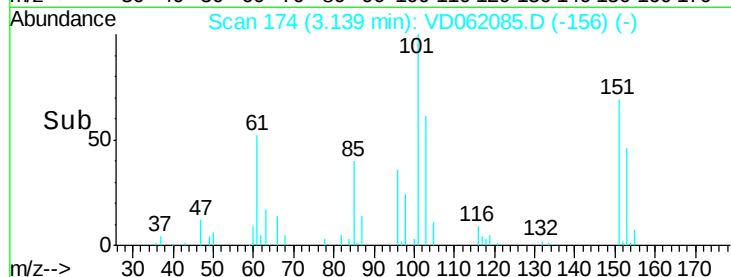
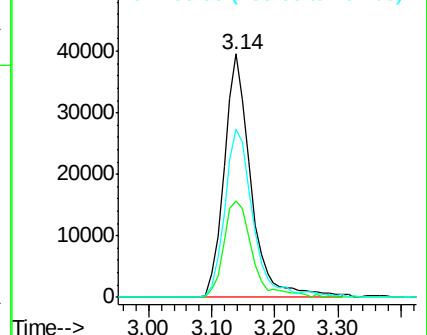
151 69.2 59.4 89.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 18.341 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

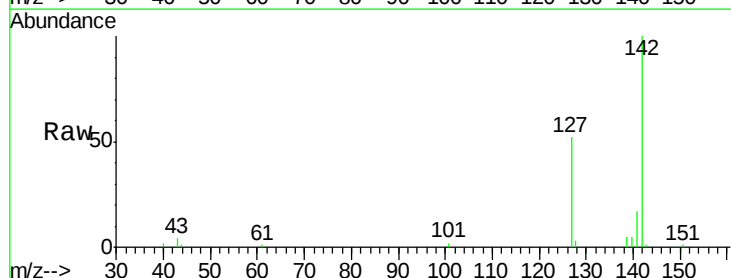
Tgt Ion:142 Resp: 114398

Ion Ratio Lower Upper

142 100

127 52.3 38.8 58.2

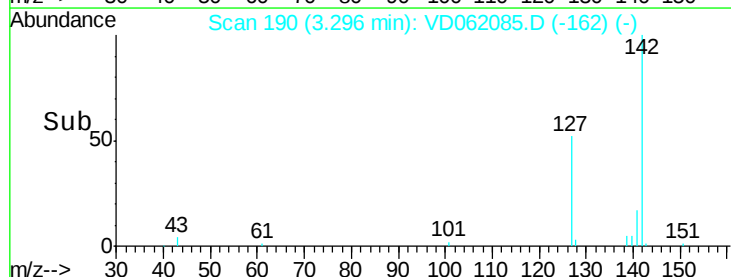
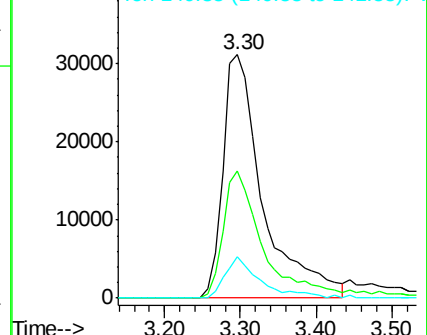
141 17.2 11.4 17.0#

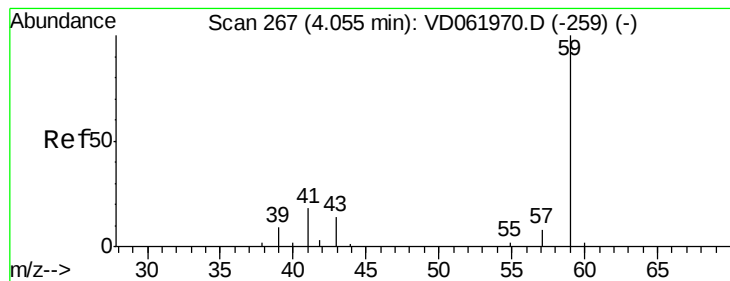


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



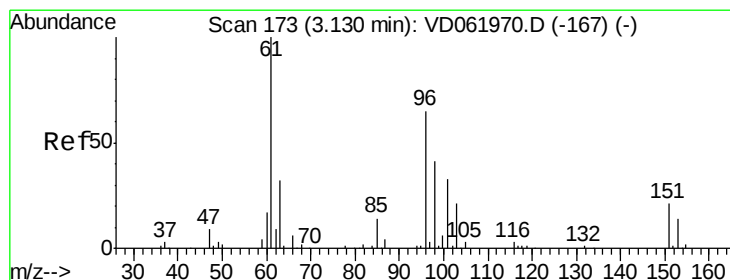
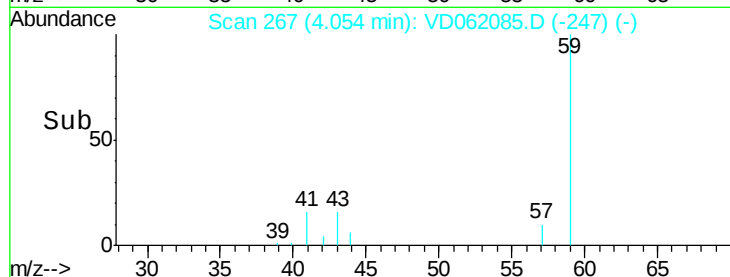
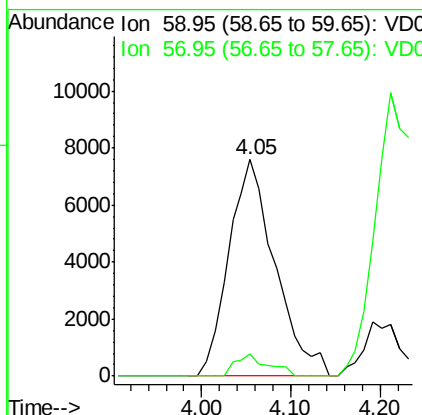
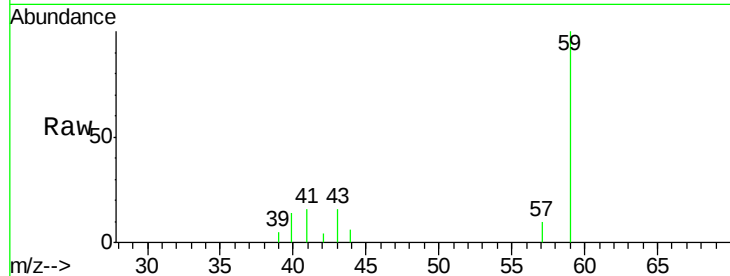


#11

Tert butyl alcohol  
 Concen: 114.189 ug/l  
 RT: 4.05 min Scan# 267  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

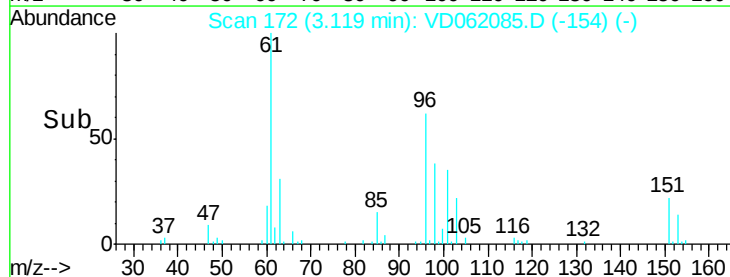
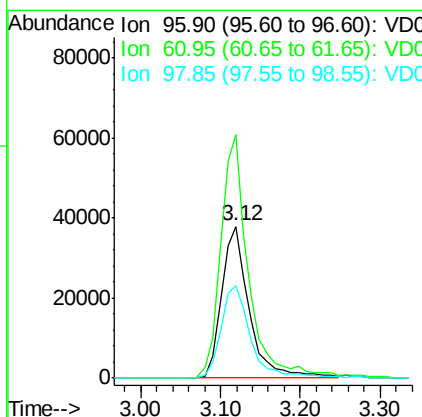
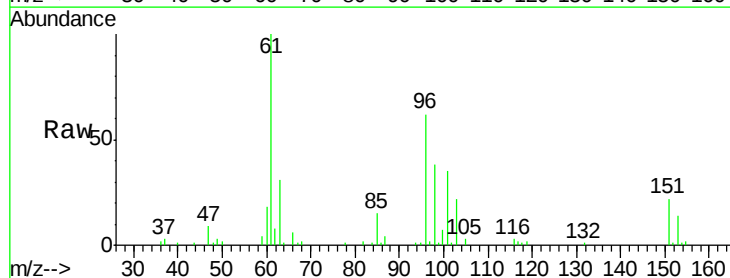
Tot Ion: 59 Resp: 27320  
 Ion Ratio Lower Upper  
 59 100  
 57 10.3 6.9 10.3

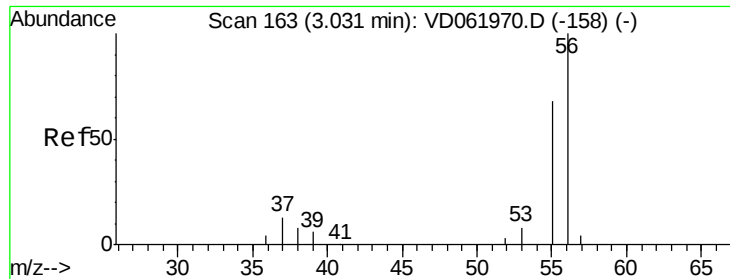


#12

1,1-Dichloroethene  
 Concen: 21.015 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 96 Resp: 92678  
 Ion Ratio Lower Upper  
 96 100  
 61 160.6 129.8 194.8  
 98 61.0 51.2 76.8





#13

Acrolein

Concen: 106.115 ug/l

RT: 3.02 min Scan# 162

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

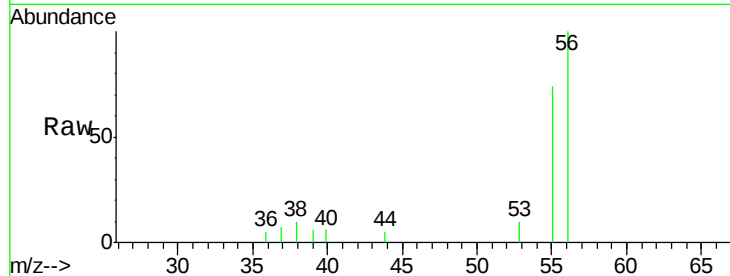
VD0430SBSD01

Tot Ion: 56 Resp: 26342

Ion Ratio Lower Upper

56 100

55 74.2 51.4 77.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.02

10000

8000

6000

4000

2000

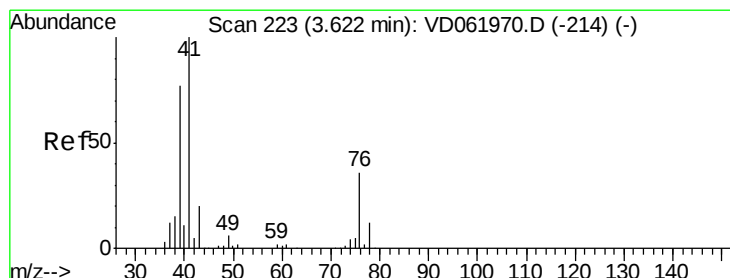
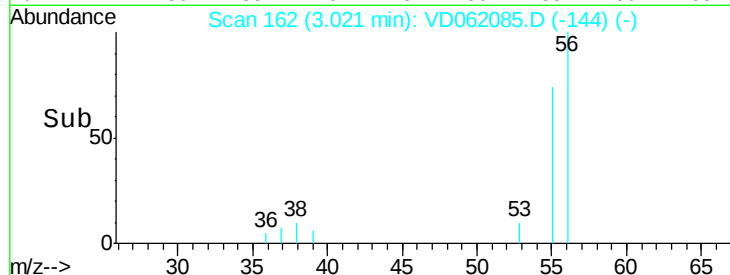
0

Time-->

2.90

3.00

3.10



#14

Allyl chloride

Concen: 22.116 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

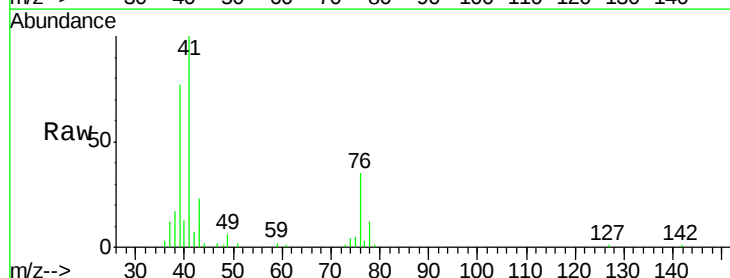
Tgt Ion: 41 Resp: 133182

Ion Ratio Lower Upper

41 100

39 77.5 60.5 90.7

76 34.8 31.8 47.8



Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC

3.61

60000

50000

40000

30000

20000

10000

0

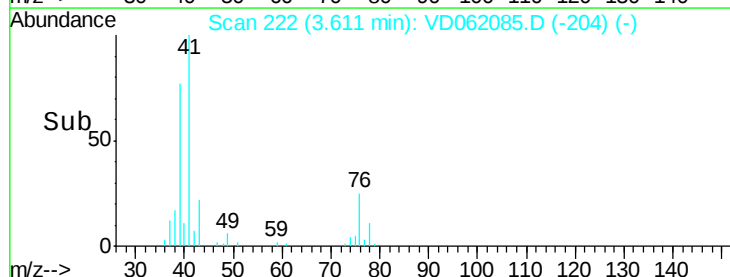
Time-->

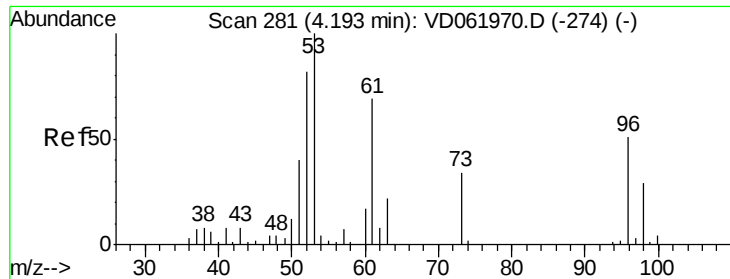
3.50

3.60

3.70

3.80





#15

Acrylonitrile

Concen: 115.663 ug/l

RT: 4.18 min Scan# 280

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

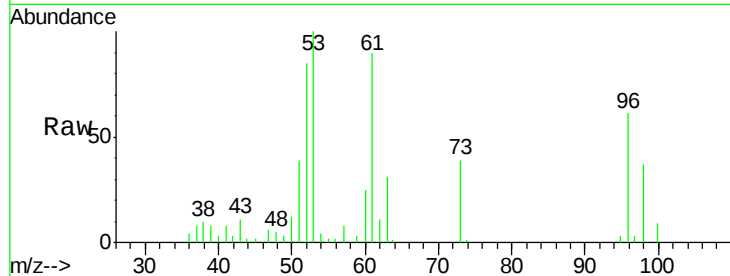
Tot Ion: 53 Resp: 85690

Ion Ratio Lower Upper

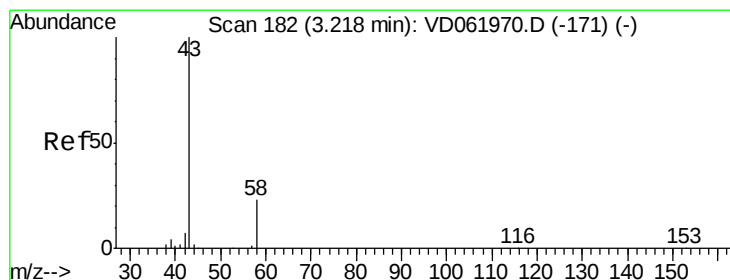
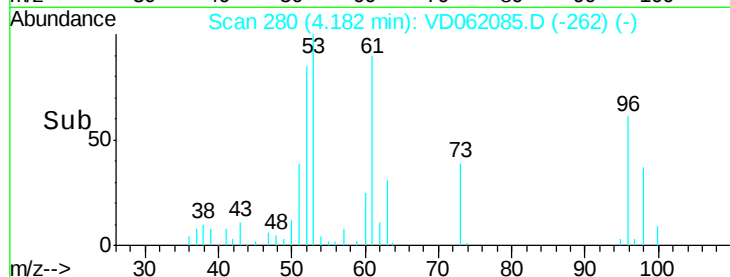
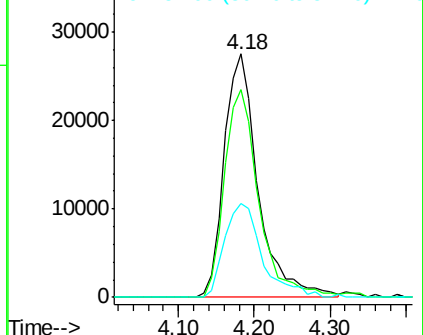
53 100

52 85.3 65.0 97.4

51 38.6 32.6 48.8



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



#16

Acetone

Concen: 110.677 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.01 min

Lab File: VD062085.D

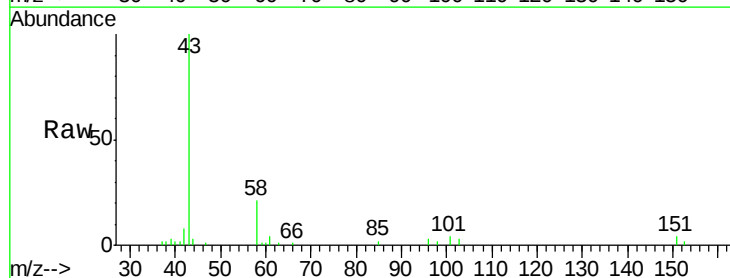
Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 111903

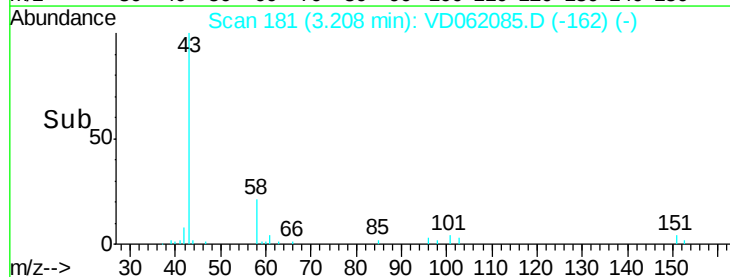
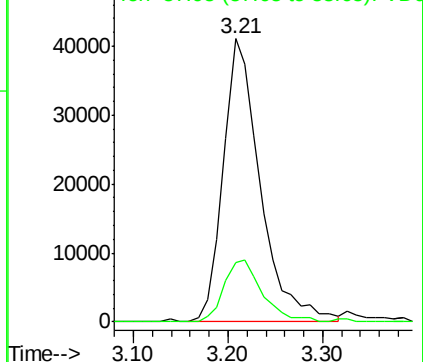
Ion Ratio Lower Upper

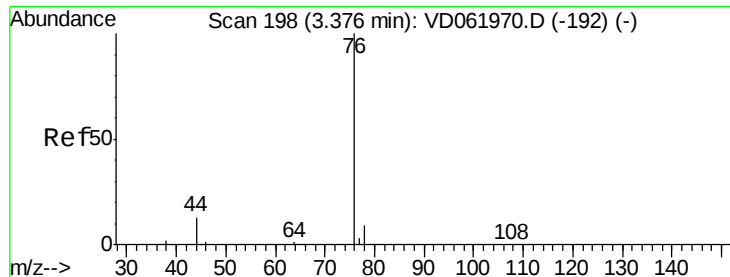
43 100

58 20.9 19.9 29.9



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

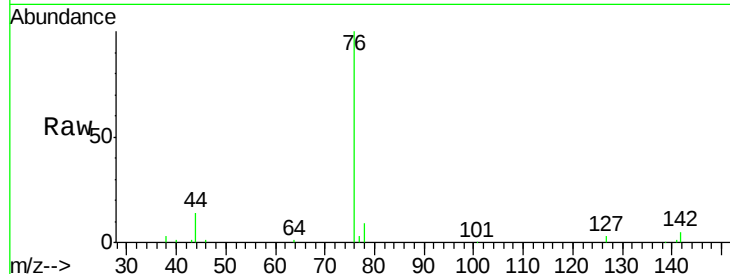




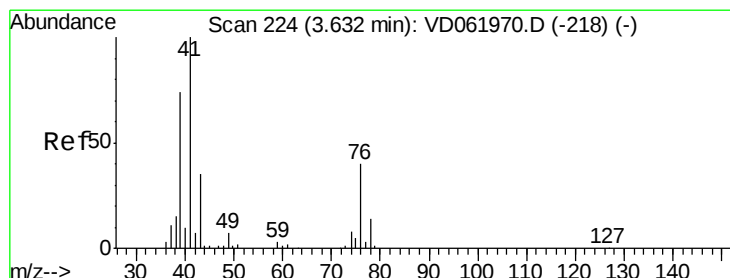
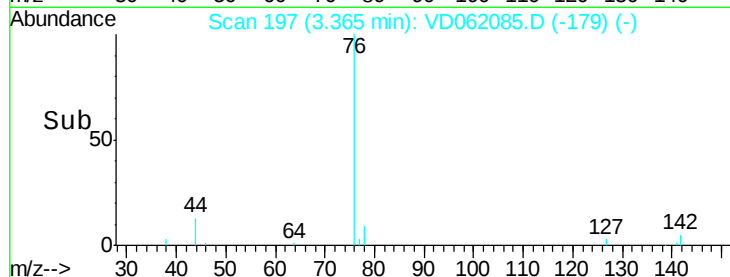
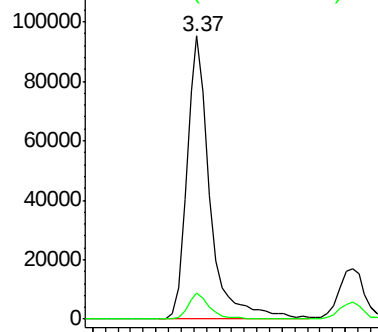
#17  
Carbon Disulfide  
Concen: 19.115 ug/l  
RT: 3.37 min Scan# 197  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion: 76 Resp: 243605  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.2 10.8

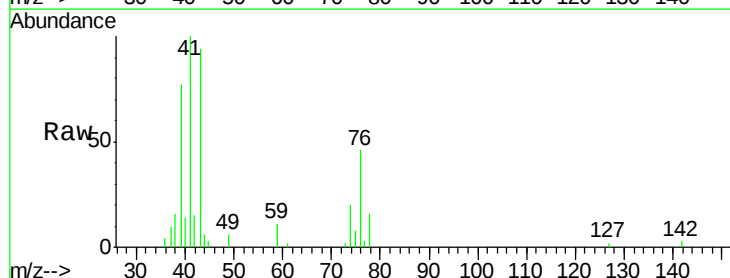


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

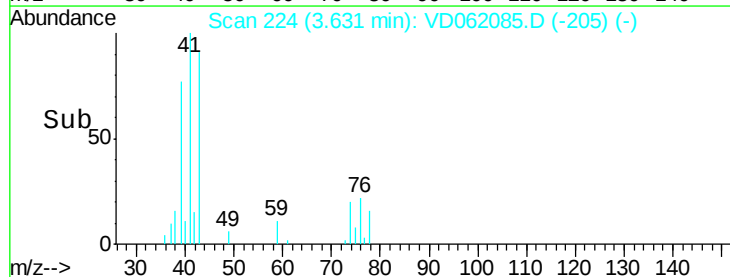
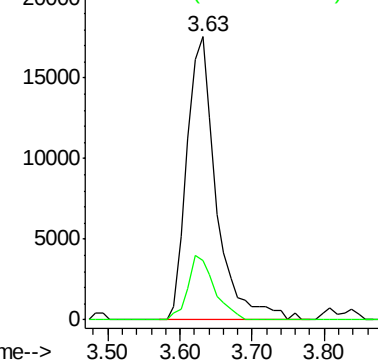


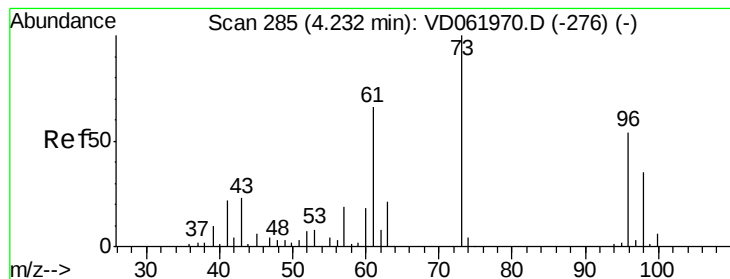
#18  
Methyl Acetate  
Concen: 25.816 ug/l  
RT: 3.63 min Scan# 224  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 49255  
Ion Ratio Lower Upper  
43 100  
74 21.1 18.0 27.0



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 74.00 (73.70 to 74.70): VDC



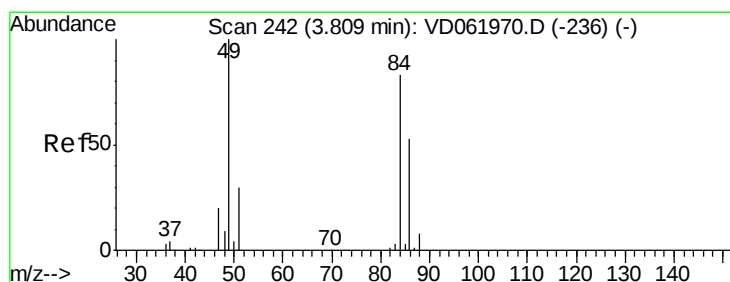
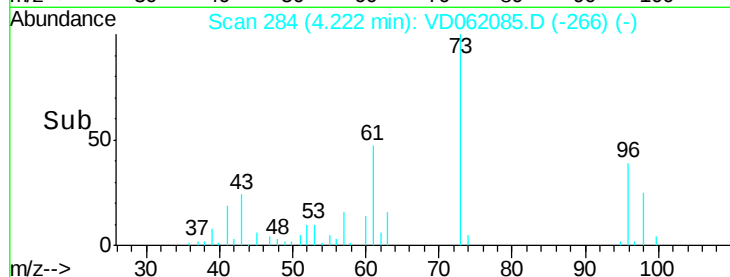
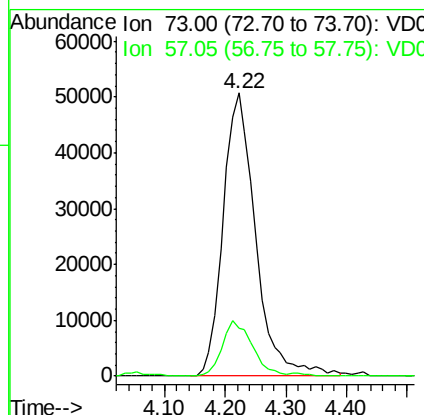
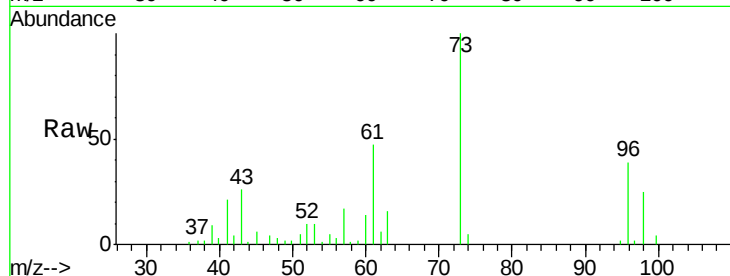


#19

Methyl tert-butyl Ether  
 Concen: 21.625 ug/l  
 RT: 4.22 min Scan# 284  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

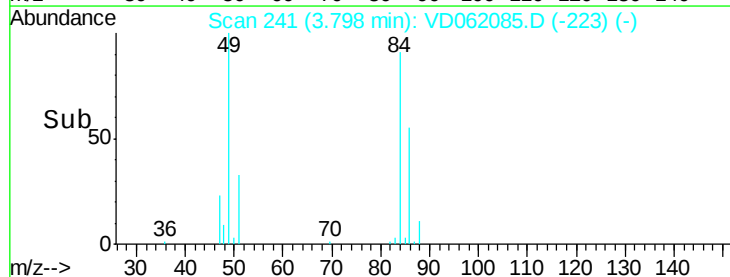
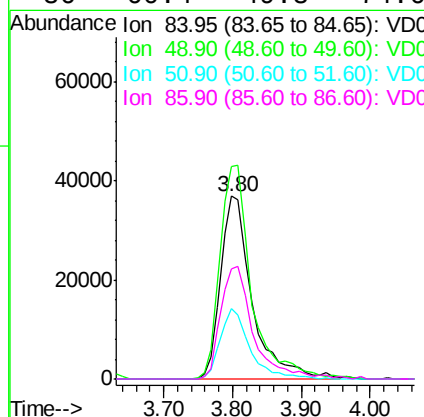
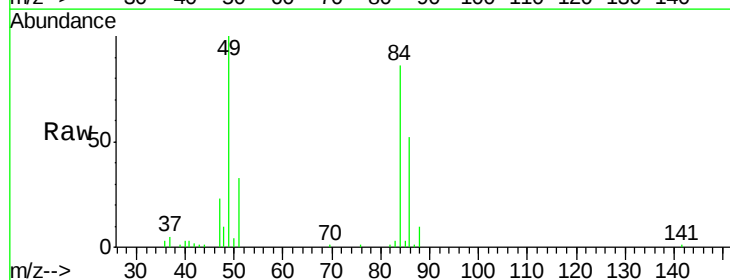
Tot Ion: 73 Resp: 189224  
 Ion Ratio Lower Upper  
 73 100  
 57 17.1 16.3 24.5

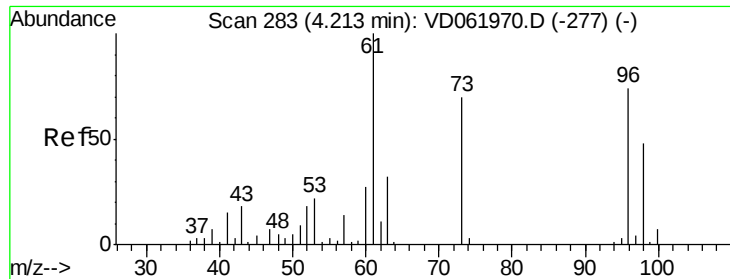


#20

Methylene Chloride  
 Concen: 22.001 ug/l  
 RT: 3.80 min Scan# 241  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 84 Resp: 117084  
 Ion Ratio Lower Upper  
 84 100  
 49 116.0 94.0 141.0  
 51 38.4 29.0 43.4  
 86 60.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 20.310 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

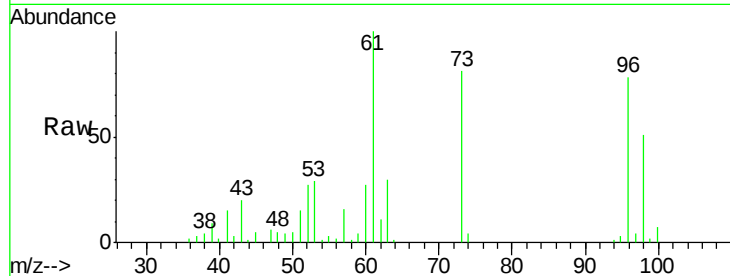
Tot Ion: 96 Resp: 102754

Ion Ratio Lower Upper

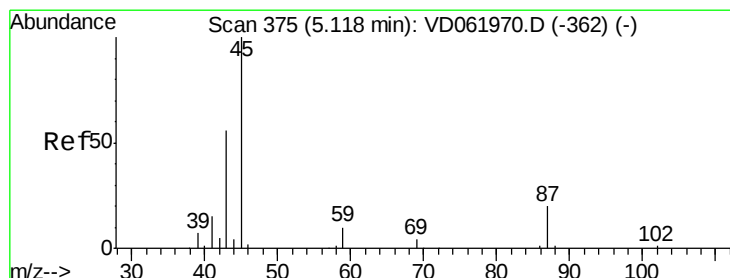
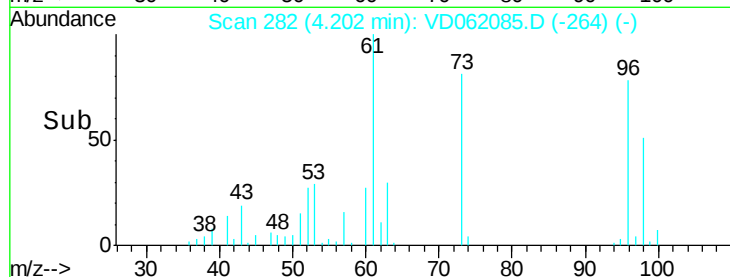
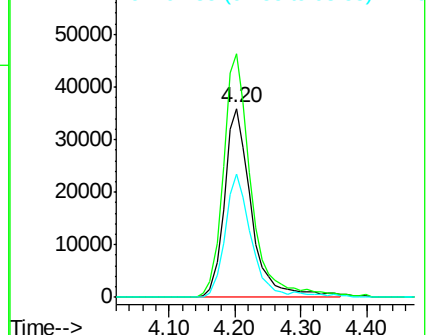
96 100

61 129.0 104.4 156.6

98 65.6 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.168 ug/l

RT: 5.10 min Scan# 373

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tgt Ion: 45 Resp: 283549

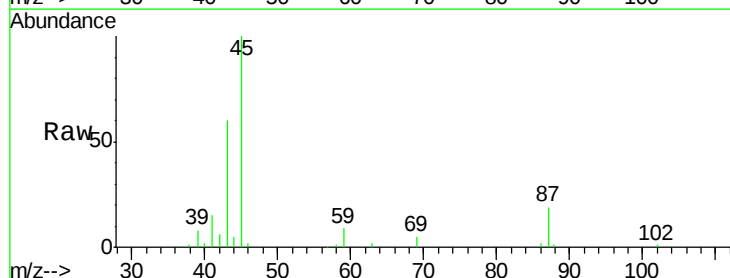
Ion Ratio Lower Upper

45 100

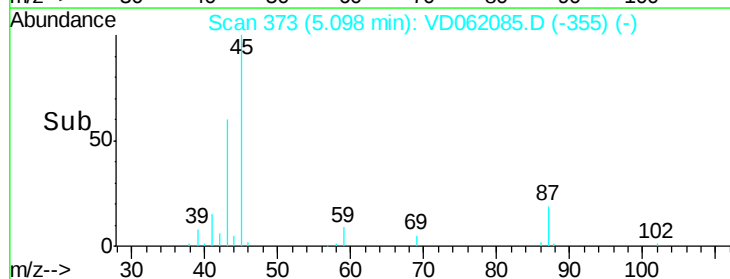
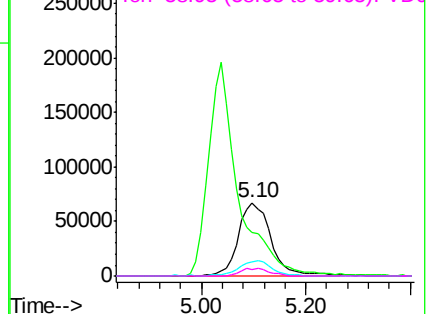
43 59.6 46.2 69.2

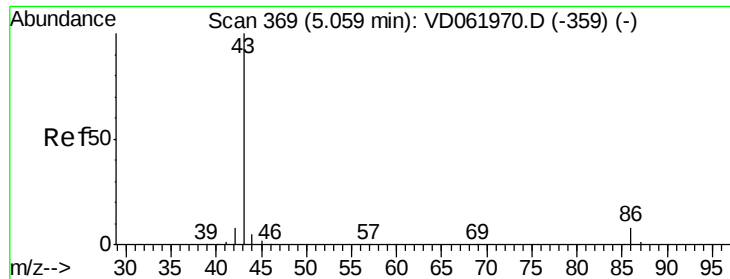
87 19.0 15.9 23.9

59 9.5 7.9 11.9



Abundance Ion 45.05 (44.75 to 45.75): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 87.00 (86.70 to 87.70): VDC  
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 104.724 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

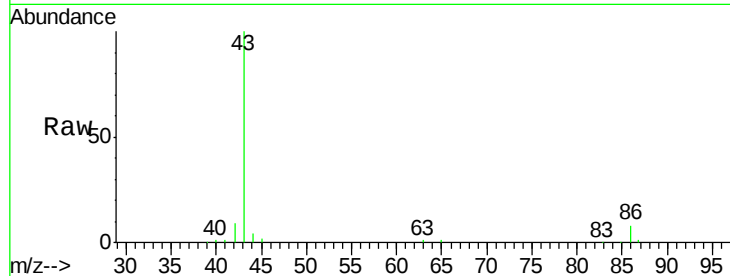
VD0430SBS01

Tot Ion: 43 Resp: 766767

Ion Ratio Lower Upper

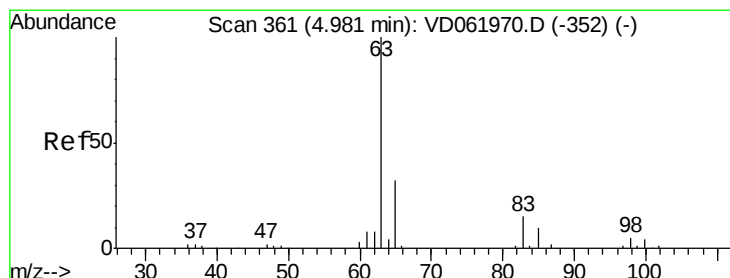
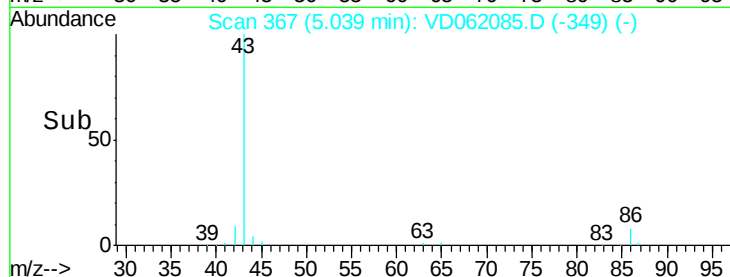
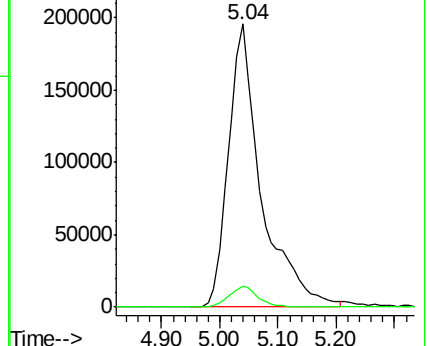
43 100

86 7.6 6.4 9.6



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.091 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.03 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

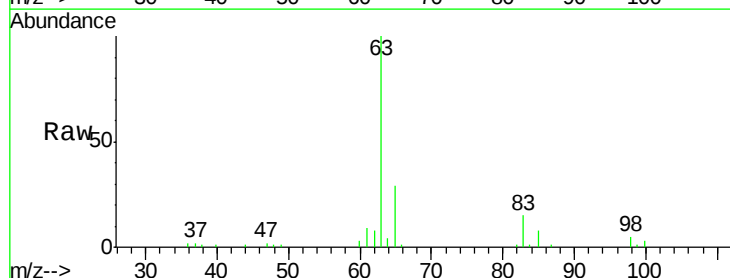
Tgt Ion: 63 Resp: 170733

Ion Ratio Lower Upper

63 100

98 5.4 2.8 8.4

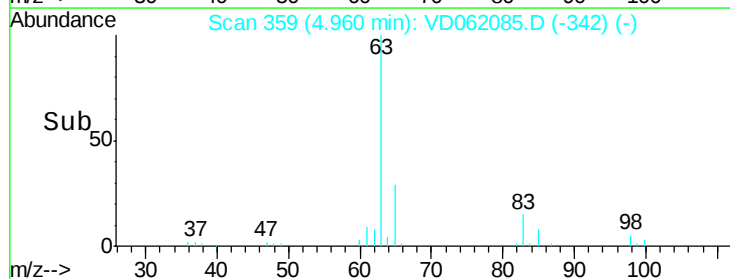
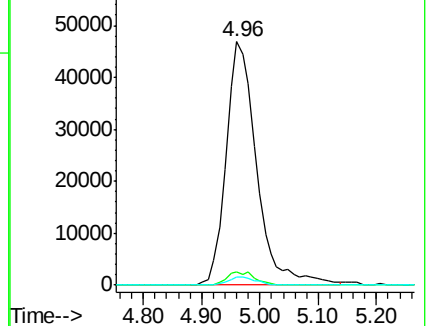
100 3.2 1.8 5.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 105.350 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

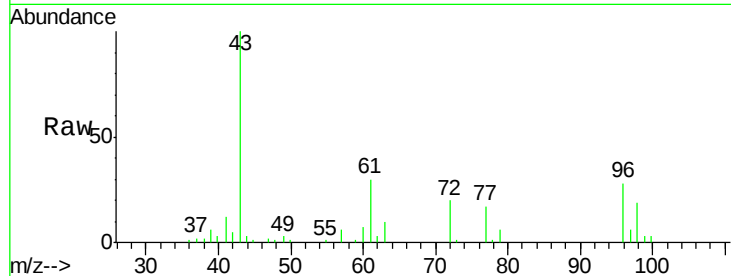
VD0430SBSD01

Tot Ion: 43 Resp: 129144

Ion Ratio Lower Upper

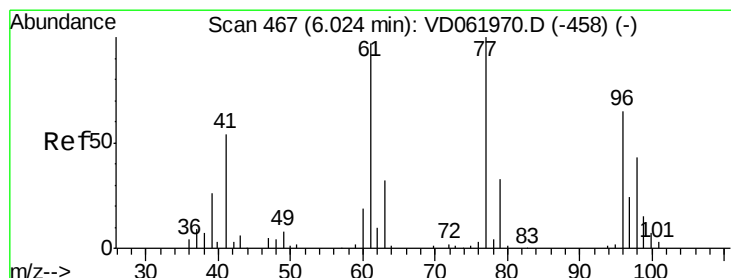
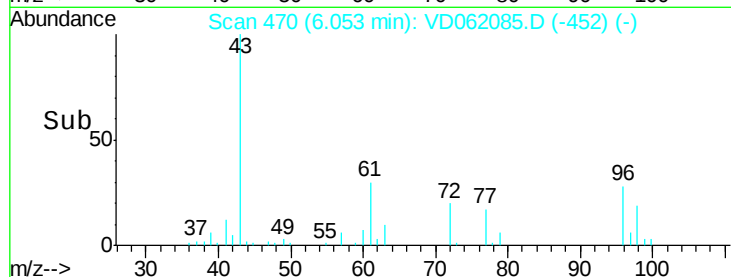
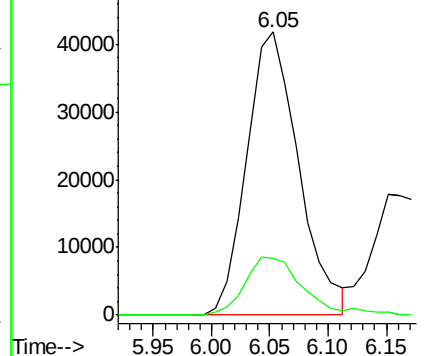
43 100

72 20.3 16.2 24.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.056 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.01 min

Lab File: VD062085.D

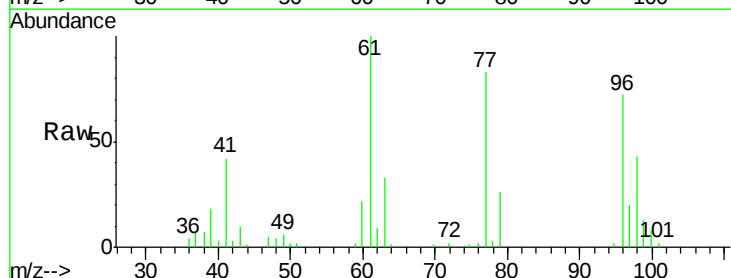
Acq: 30 Apr 2019 14:11

Tgt Ion: 77 Resp: 156100

Ion Ratio Lower Upper

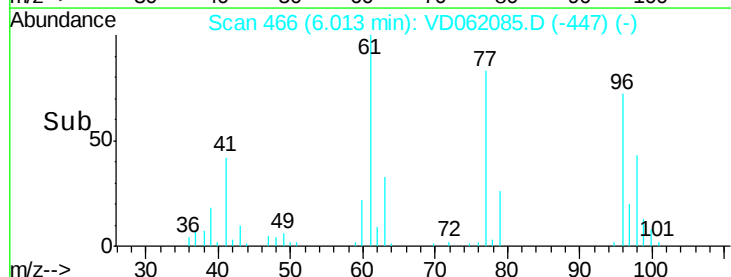
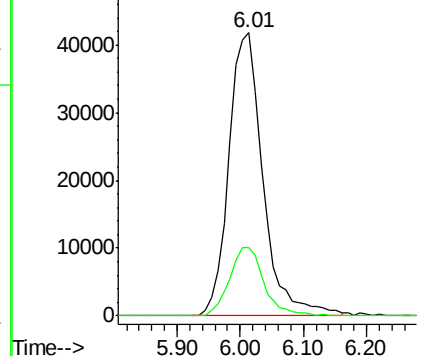
77 100

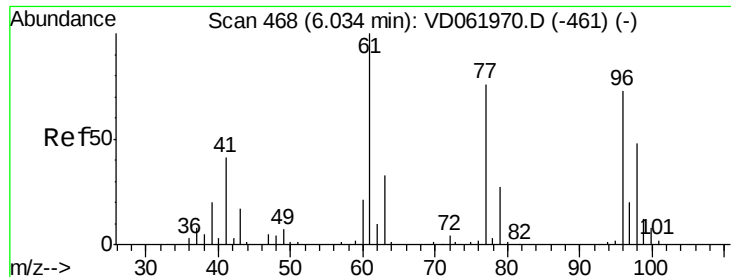
97 24.0 11.9 35.9



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



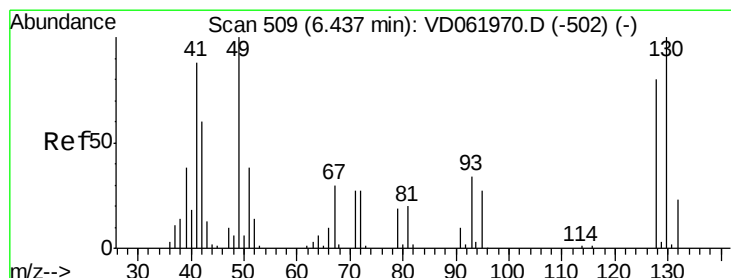
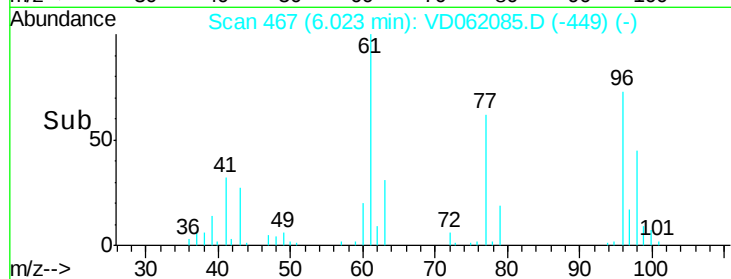
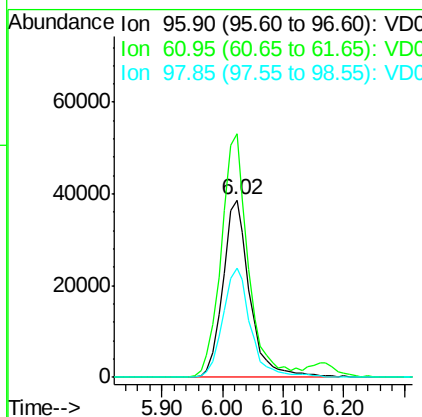
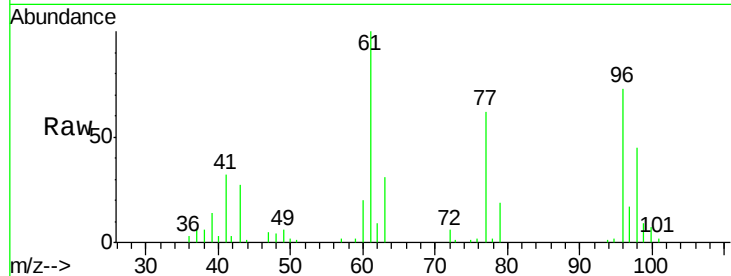


#27

cis-1,2-Dichloroethene  
 Concen: 20.735 ug/l  
 RT: 6.02 min Scan# 467  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

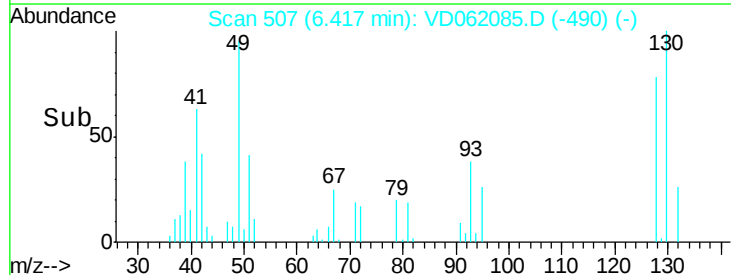
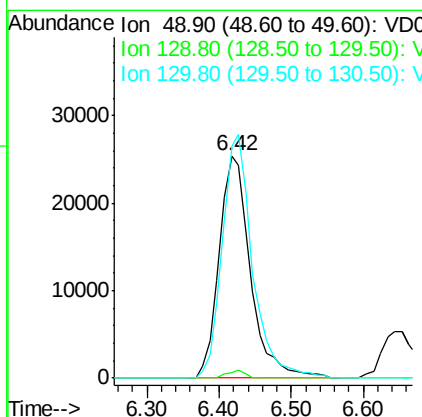
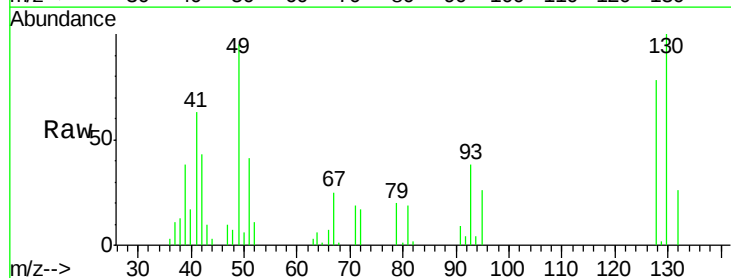
Tot Ion: 96 Resp: 119340  
 Ion Ratio Lower Upper  
 96 100  
 61 137.2 0.0 279.8  
 98 61.3 0.0 136.0



#28

Bromochloromethane  
 Concen: 23.378 ug/l  
 RT: 6.42 min Scan# 507  
 Delta R.T. -0.03 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 49 Resp: 76014  
 Ion Ratio Lower Upper  
 49 100  
 129 2.6 0.0 6.6  
 130 104.7 86.7 130.1





#29

Tetrahydrofuran

Concen: 105.697 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

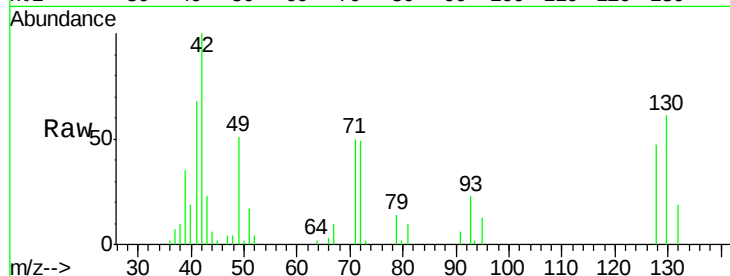
Tot Ion: 42 Resp: 63842

Ion Ratio Lower Upper

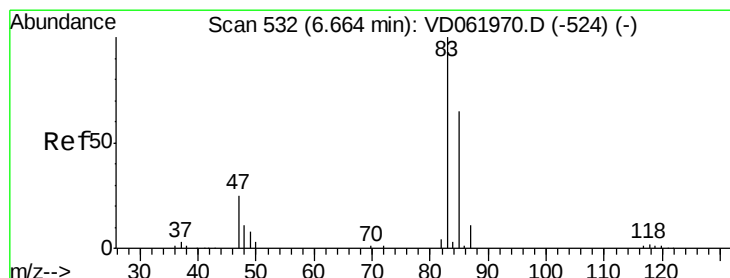
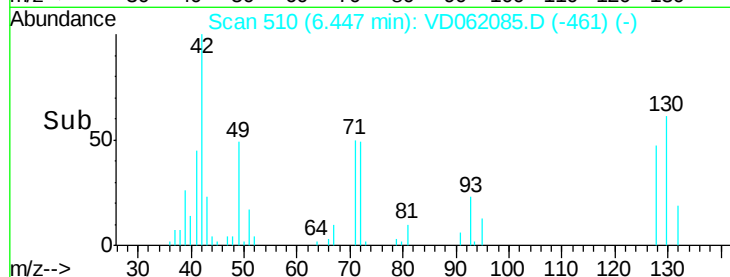
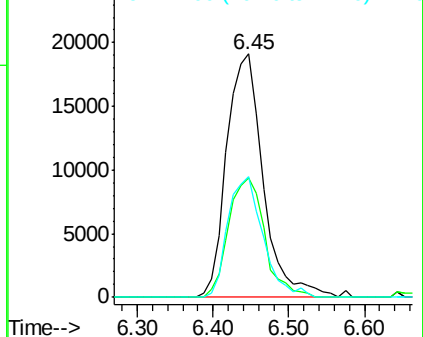
42 100

72 48.4 37.8 56.6

71 47.9 36.7 55.1



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



#30

Chloroform

Concen: 20.315 ug/l

RT: 6.65 min Scan# 531

Delta R.T. -0.02 min

Lab File: VD062085.D

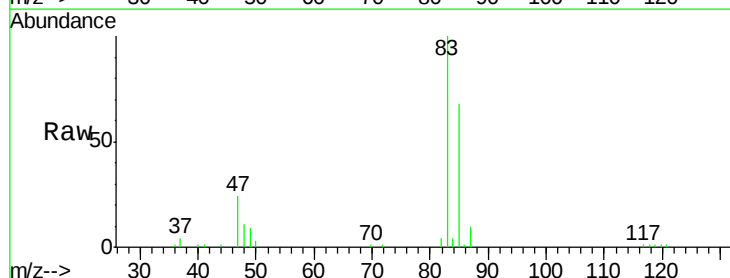
Acq: 30 Apr 2019 14:11

Tgt Ion: 83 Resp: 196077

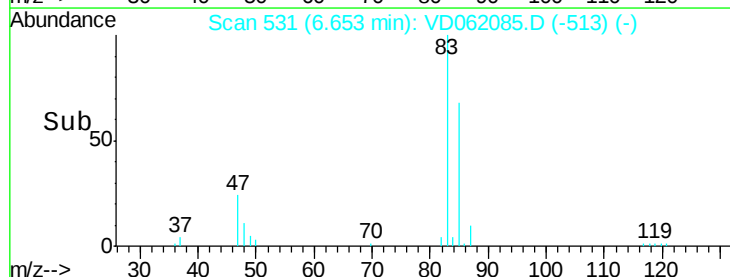
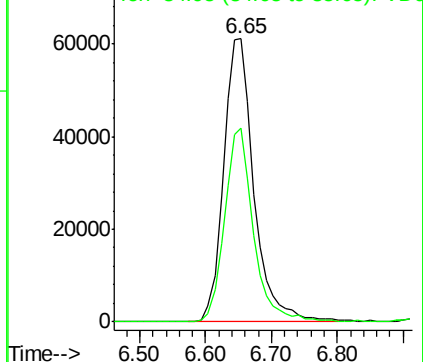
Ion Ratio Lower Upper

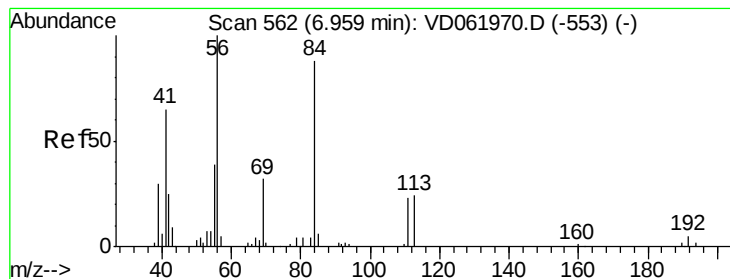
83 100

85 68.4 51.7 77.5



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





#31

Cyclohexane

Concen: 17.548 ug/l

RT: 6.94 min Scan# 560

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

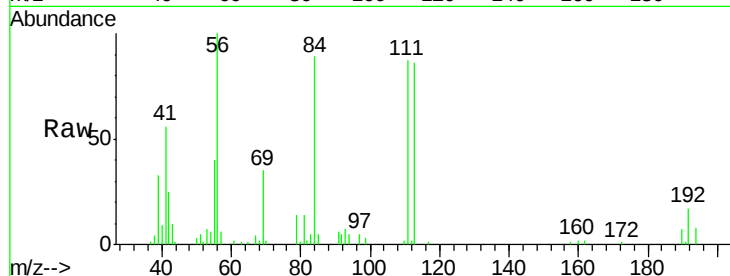
Tot Ion: 56 Resp: 110682

Ion Ratio Lower Upper

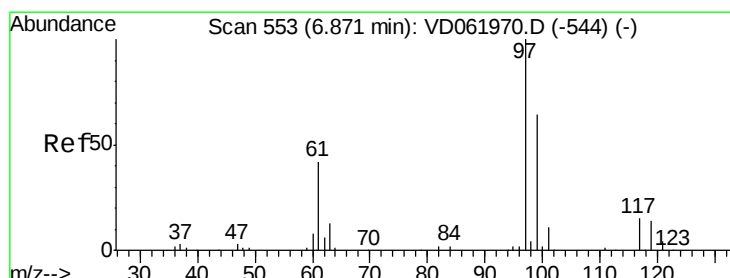
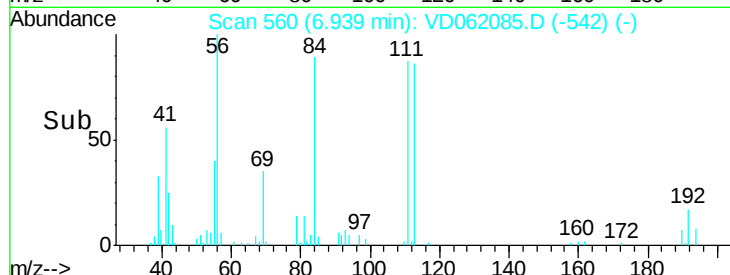
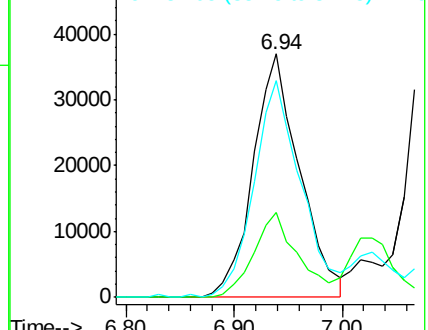
56 100

69 34.9 25.8 38.6

84 89.1 72.2 108.4



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: 20.578 ug/l

RT: 6.85 min Scan# 551

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

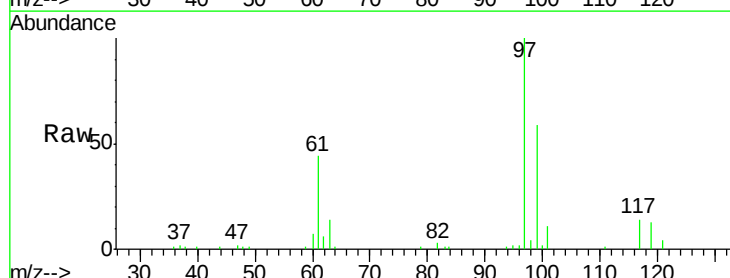
Tgt Ion: 97 Resp: 172817

Ion Ratio Lower Upper

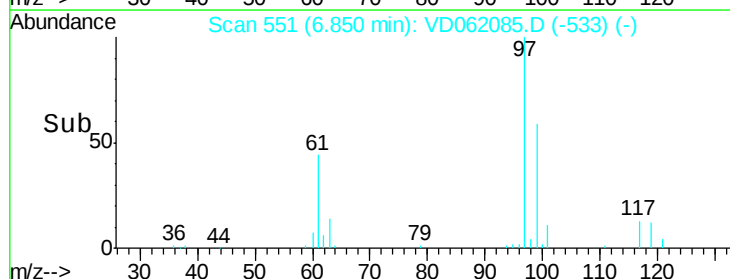
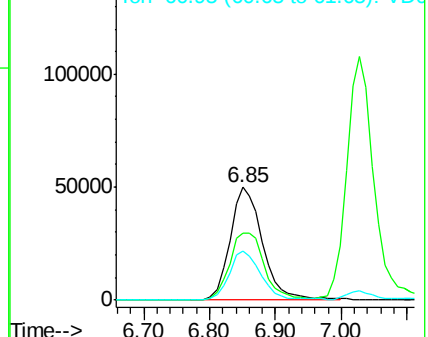
97 100

99 59.1 52.2 78.2

61 43.9 32.4 48.6



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: 53.160 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

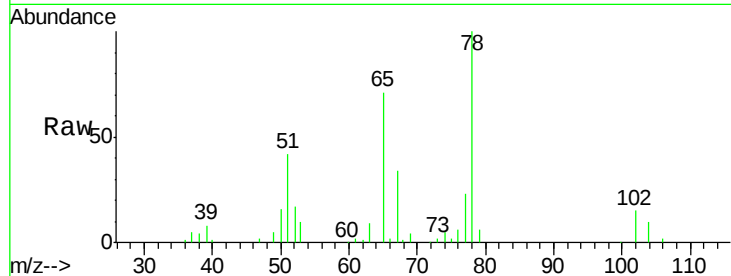
VD0430SBSD01

Tot Ion: 65 Resp: 225109

Ion Ratio Lower Upper

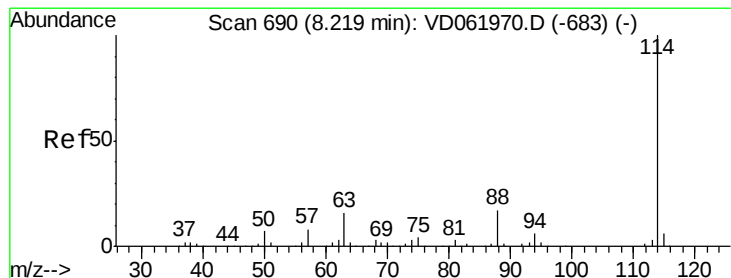
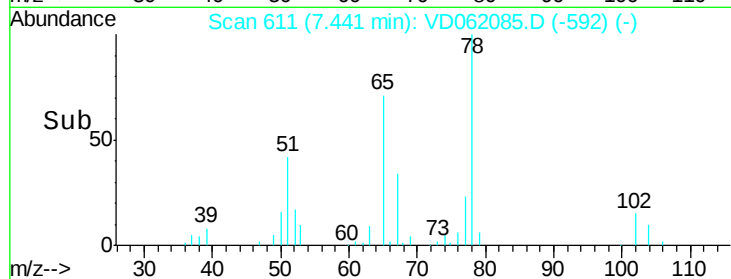
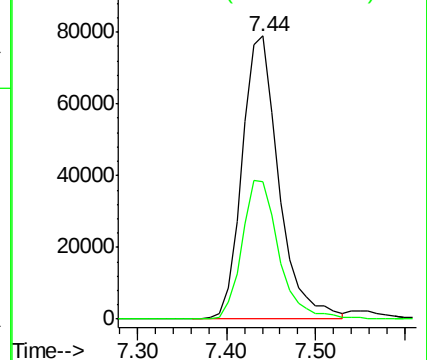
65 100

67 48.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

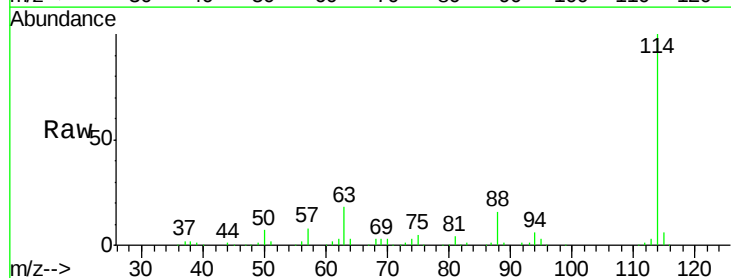
Tgt Ion: 114 Resp: 855303

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

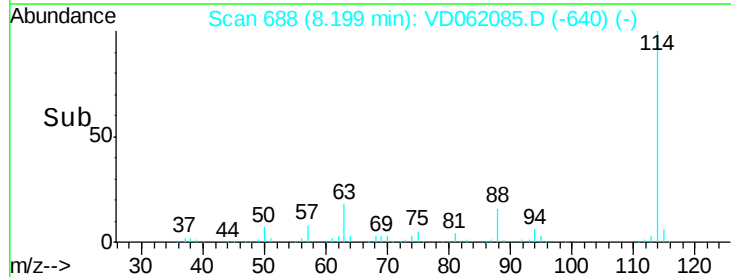
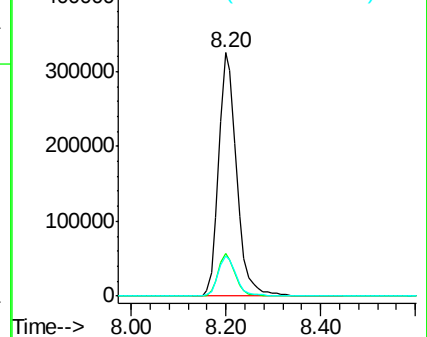
88 16.4 0.0 33.6

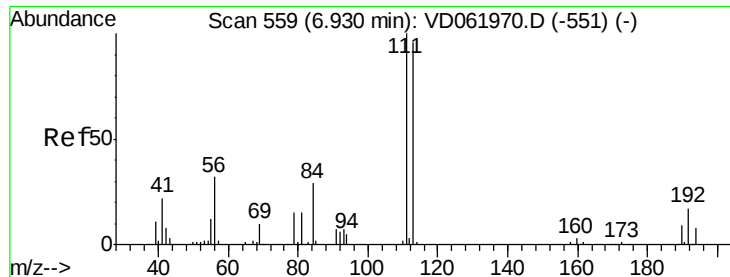


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

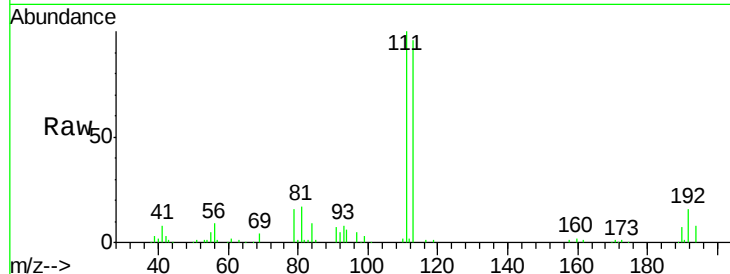




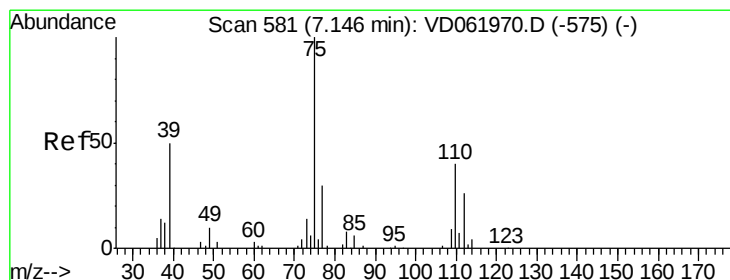
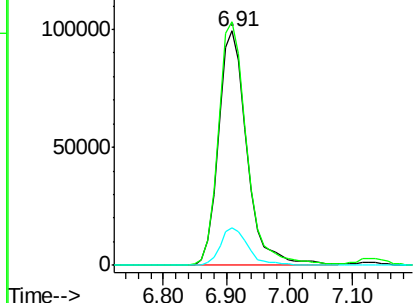
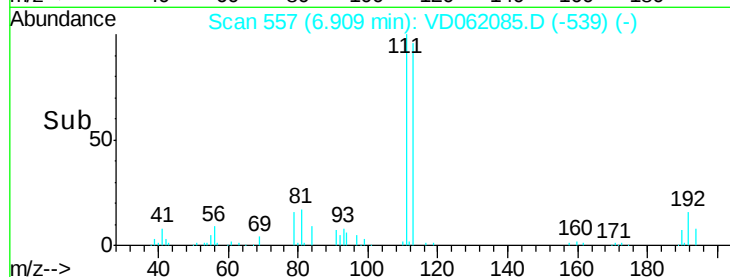
#35  
 Dibromofluoromethane  
 Concen: 52.687 ug/l  
 RT: 6.91 min Scan# 557  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

Tot Ion:113 Resp: 311656  
 Ion Ratio Lower Upper  
 113 100  
 111 103.9 78.5 117.7  
 192 16.1 13.0 19.4

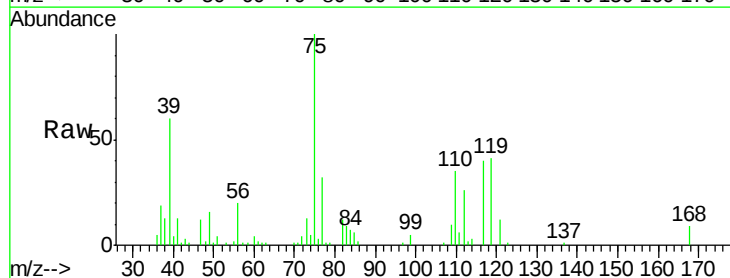


Abundance Ion 112.90 (112.60 to 113.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 191.80 (191.50 to 192.50): V

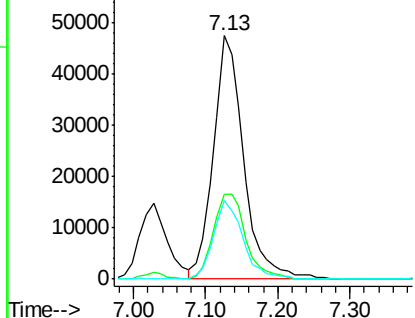
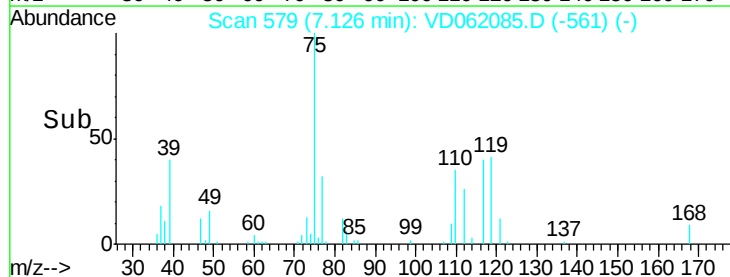


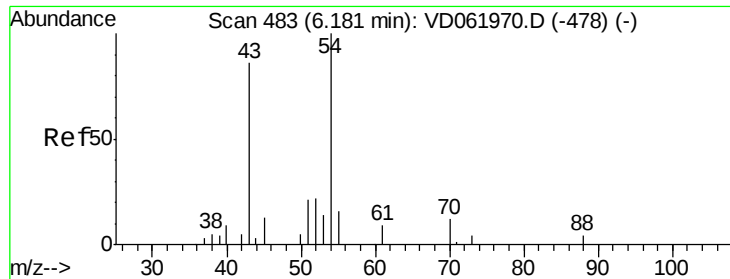
#36  
 1,1-Dichloropropene  
 Concen: 20.655 ug/l  
 RT: 7.13 min Scan# 579  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 75 Resp: 137637  
 Ion Ratio Lower Upper  
 75 100  
 110 34.9 19.1 57.1  
 77 32.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VDC  
 Ion 109.90 (109.60 to 110.60): V  
 Ion 76.95 (76.65 to 77.65): VDC





#37

Ethyl Acetate

Concen: 21.928 ug/l

RT: 6.15 min Scan# 480

Delta R.T. -0.03 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleID :

VD0430SBS01

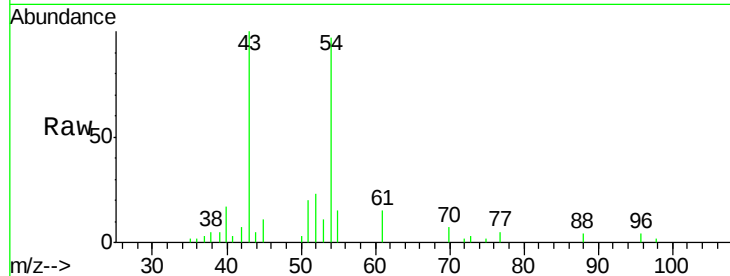
Tot Ion: 43 Resp: 62269

Ion Ratio Lower Upper

43 100

61 14.7 14.7 22.1#

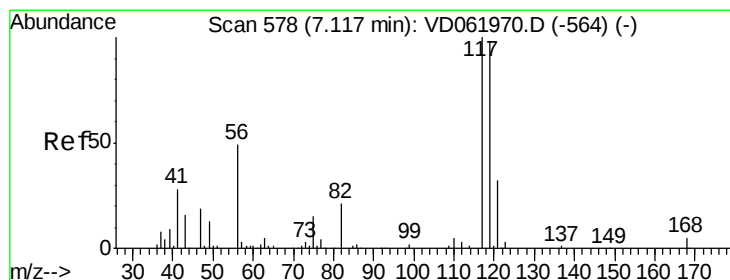
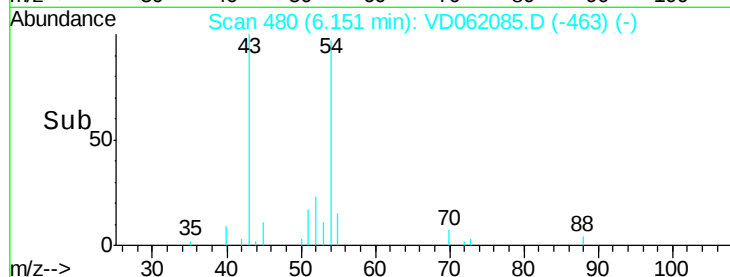
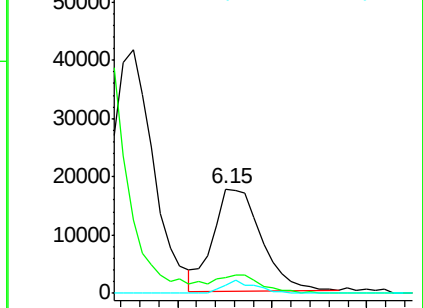
70 7.4 7.8 11.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#38

Carbon Tetrachloride

Concen: 22.230 ug/l

RT: 7.10 min Scan# 576

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

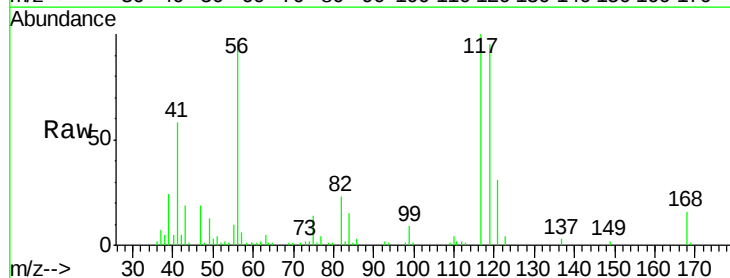
Tgt Ion: 117 Resp: 187707

Ion Ratio Lower Upper

117 100

119 95.2 75.8 113.8

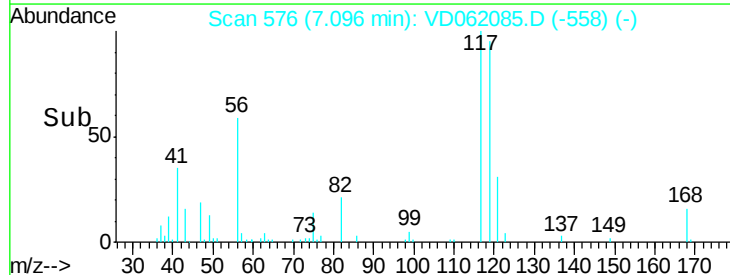
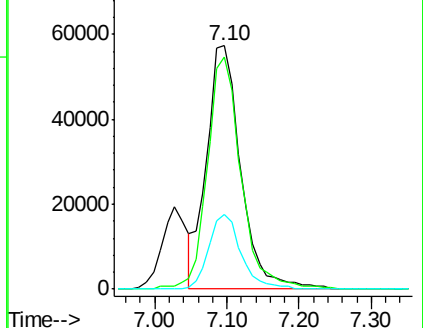
121 30.8 25.9 38.9

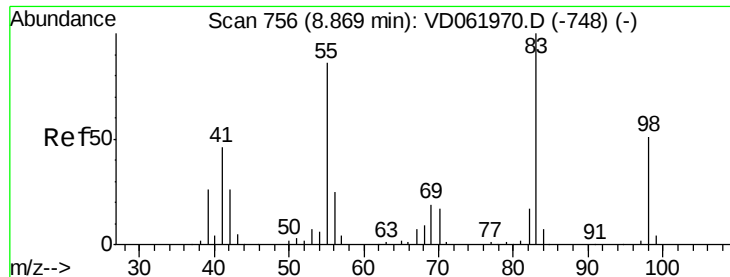


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

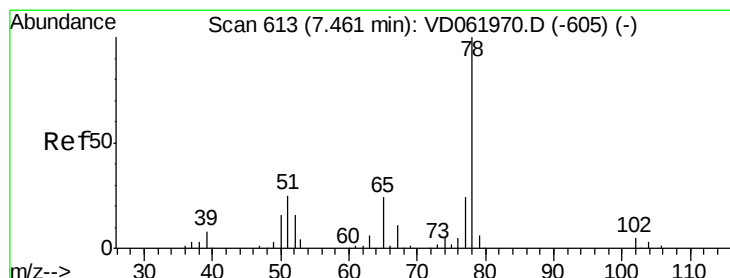
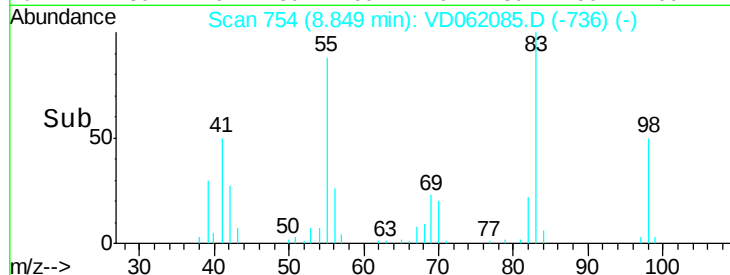
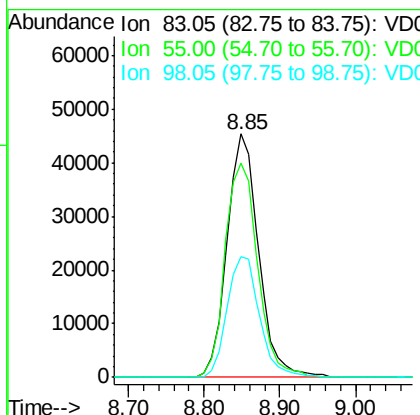
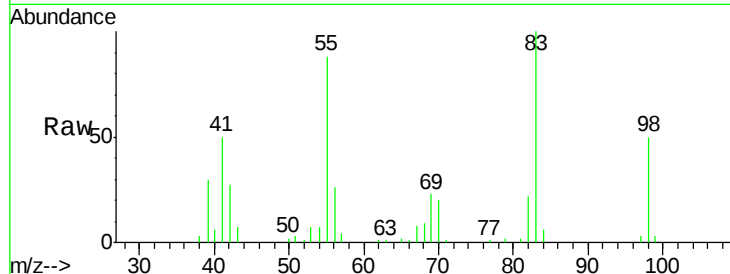




#39  
Methvlcvclohexane  
Concen: 19.873 ug/l  
RT: 8.85 min Scan# 754  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

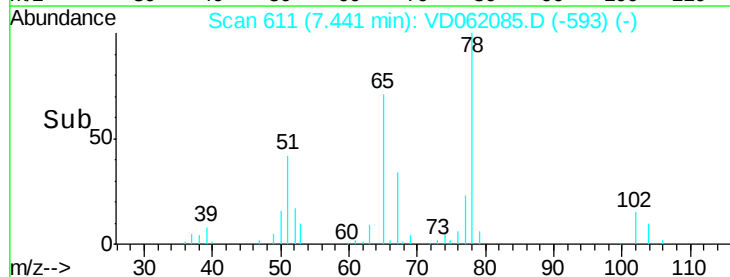
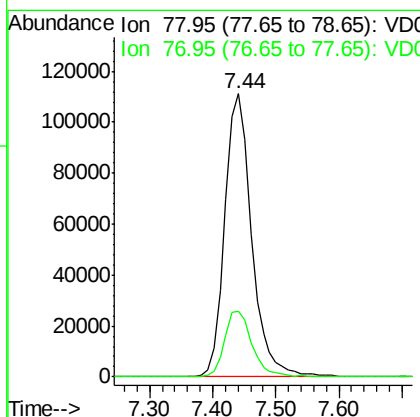
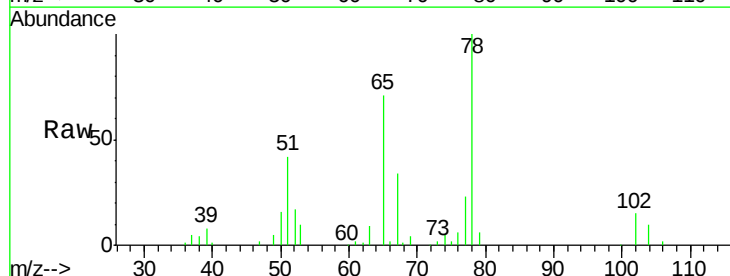
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion: 83 Resp: 130655  
Ion Ratio Lower Upper  
83 100  
55 88.0 68.2 102.4  
98 49.6 38.2 57.4



#40  
Benzene  
Concen: 19.956 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 78 Resp: 329226  
Ion Ratio Lower Upper  
78 100  
77 23.3 19.7 29.5





#41

Methacrylonitrile

Concen: 22.252 ug/l

RT: 6.44 min Scan# 509

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBSD01

Tot Ion: 41 Resp: 73725

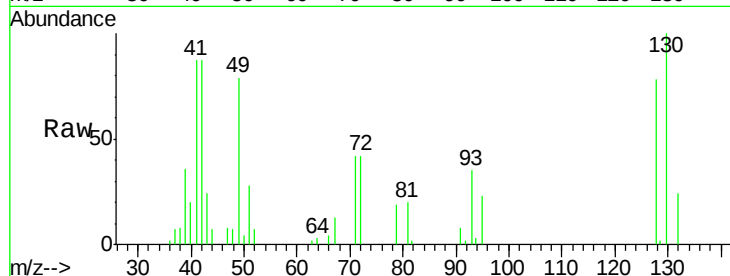
Ion Ratio Lower Upper

41 100

39 42.1 34.1 51.1

67 14.8 23.8 35.6#

52 7.7 8.8 13.2#

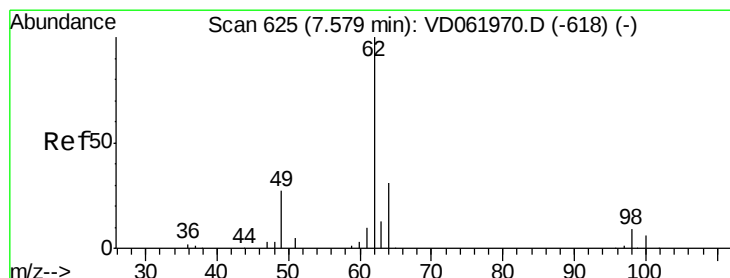
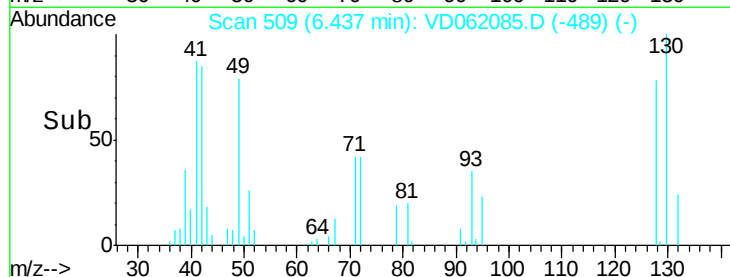
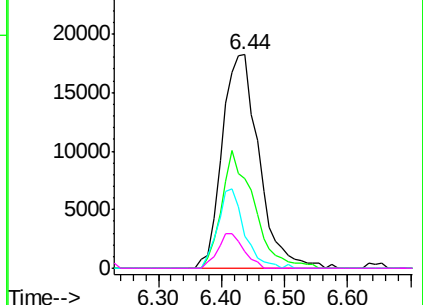


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 21.025 ug/l

RT: 7.56 min Scan# 623

Delta R.T. -0.02 min

Lab File: VD062085.D

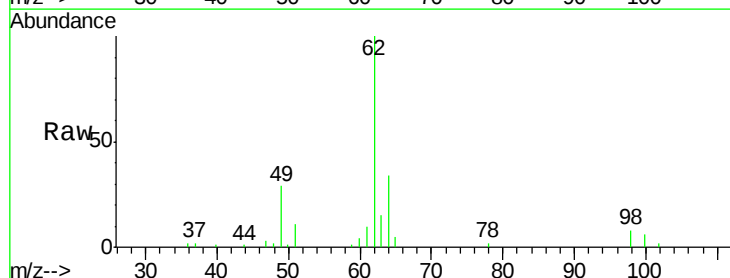
Acq: 30 Apr 2019 14:11

Tgt Ion: 62 Resp: 117768

Ion Ratio Lower Upper

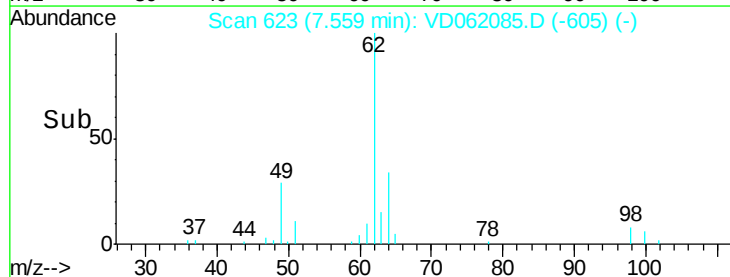
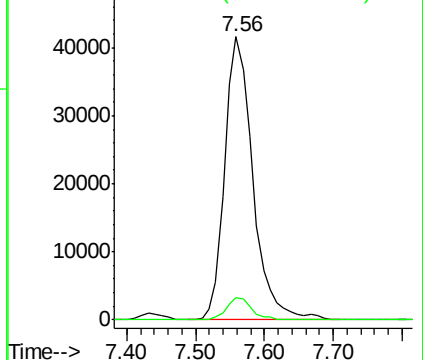
62 100

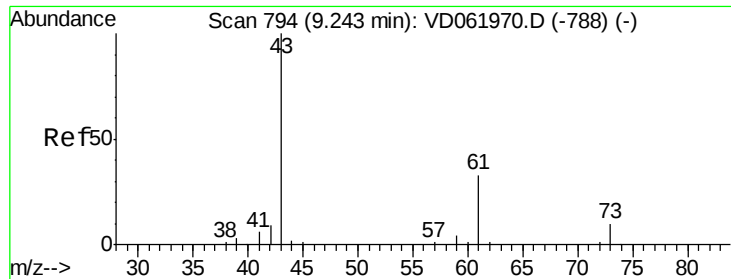
98 7.9 0.0 17.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 21.289 ug/l

RT: 9.22 min Scan# 792

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

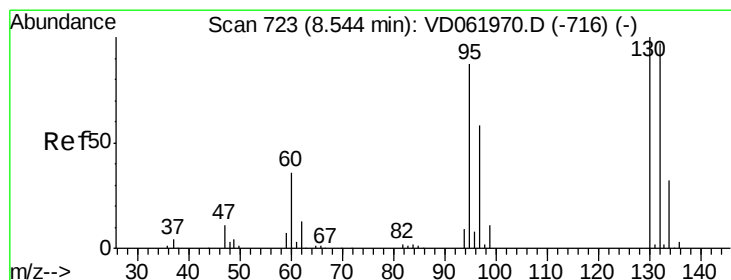
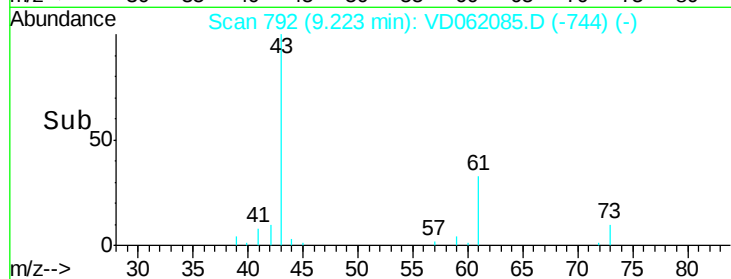
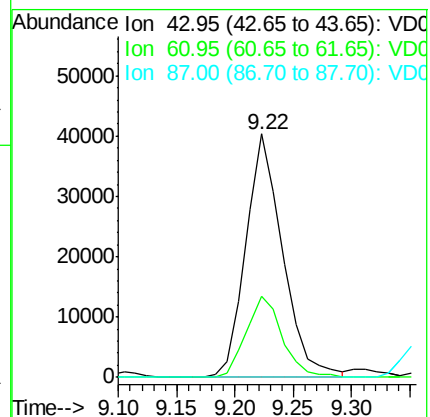
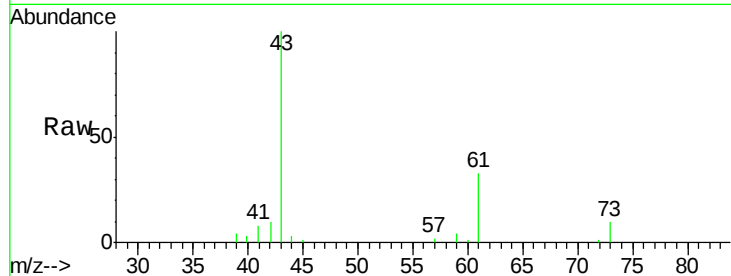
Tot Ion: 43 Resp: 88331

Ion Ratio Lower Upper

43 100

61 33.4 25.1 37.7

87 0.0 0.0 0.0



#44

Trichloroethene

Concen: 20.635 ug/l

RT: 8.52 min Scan# 721

Delta R.T. -0.02 min

Lab File: VD062085.D

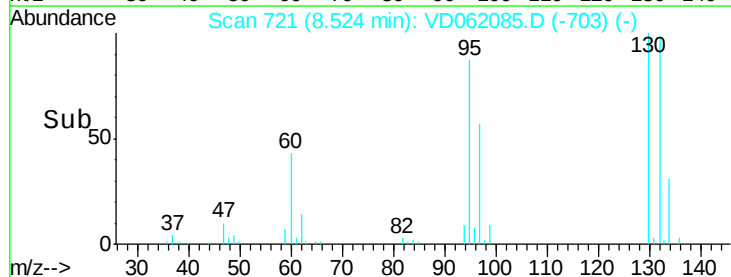
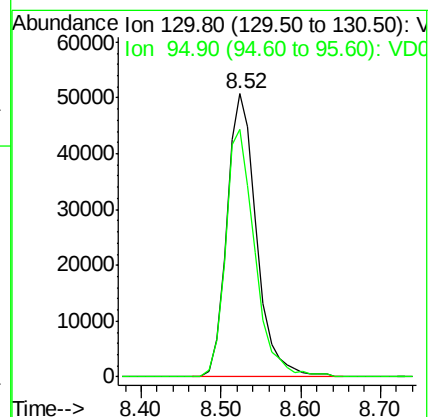
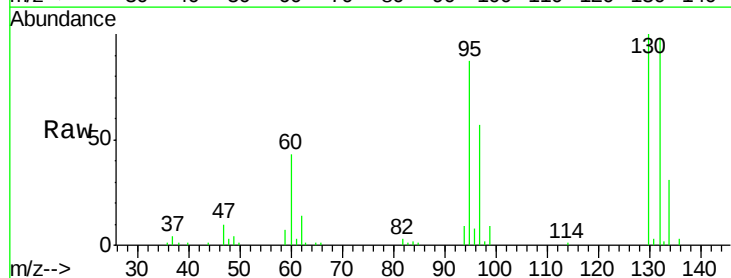
Acq: 30 Apr 2019 14:11

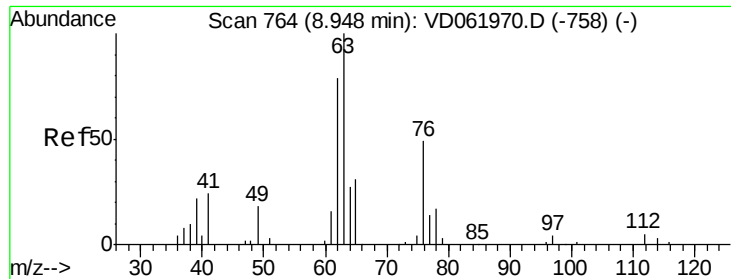
Tgt Ion: 130 Resp: 131975

Ion Ratio Lower Upper

130 100

95 87.5 0.0 174.0





#45

1,2-Dichloropropane

Concen: 19.887 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

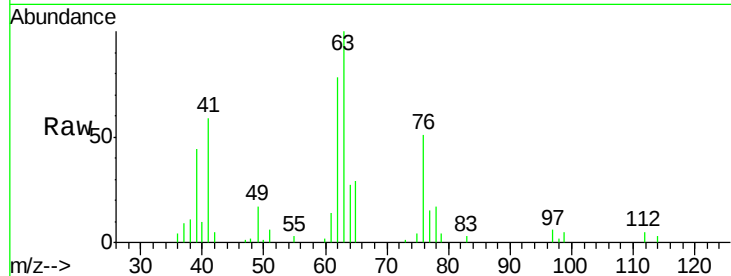
VD0430SBSD01

Tot Ion: 63 Resp: 83232

Ion Ratio Lower Upper

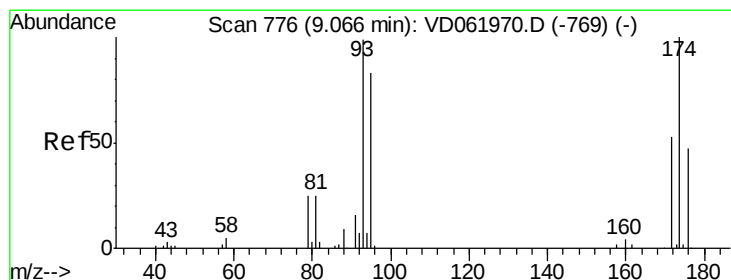
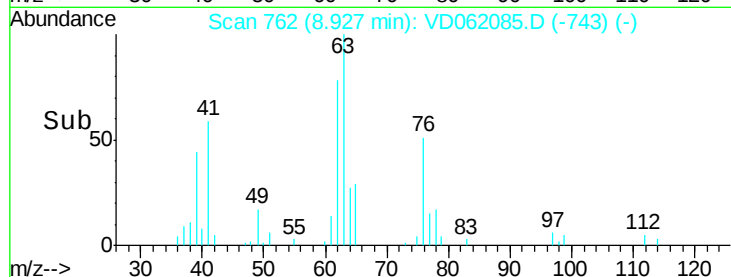
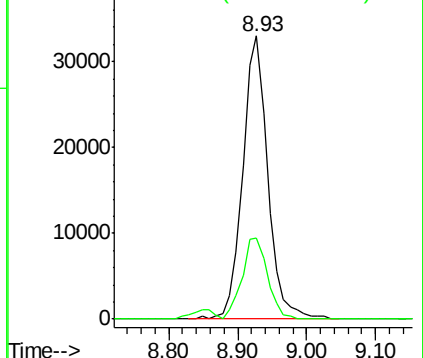
63 100

65 28.7 23.8 35.6



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 21.447 ug/l

RT: 9.05 min Scan# 774

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

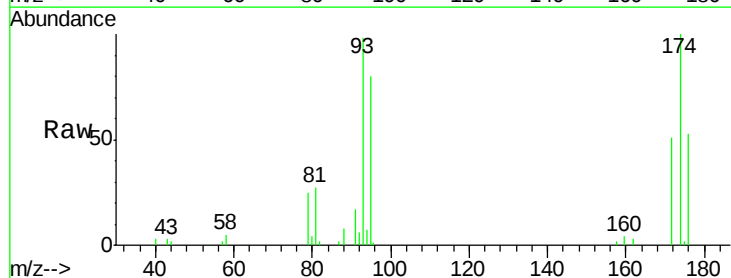
Tgt Ion: 93 Resp: 64586

Ion Ratio Lower Upper

93 100

95 81.8 64.8 97.2

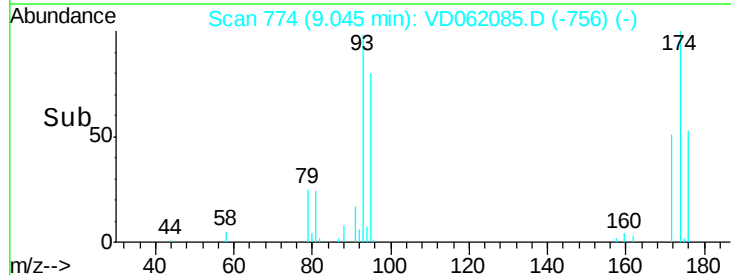
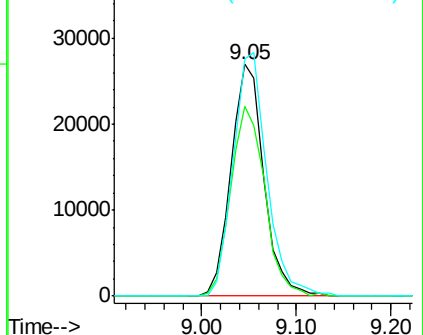
174 102.6 79.3 118.9

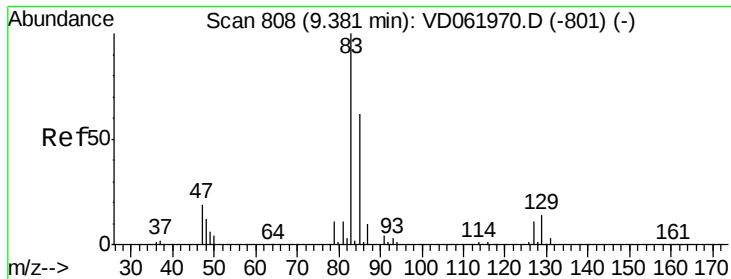


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 21.348 ug/l

RT: 9.36 min Scan# 806

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

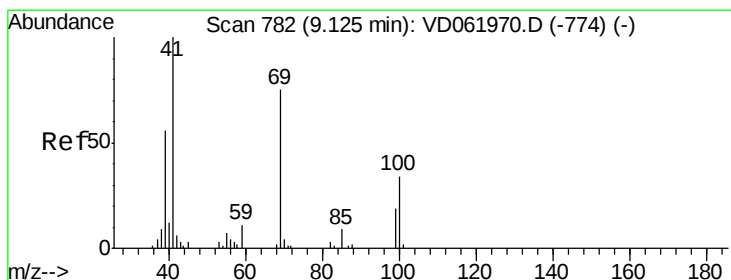
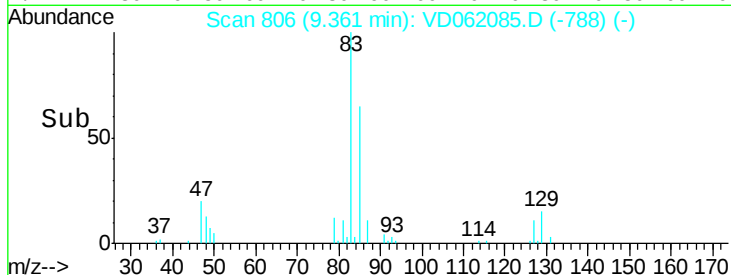
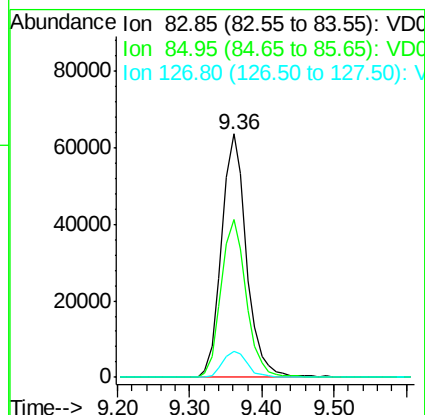
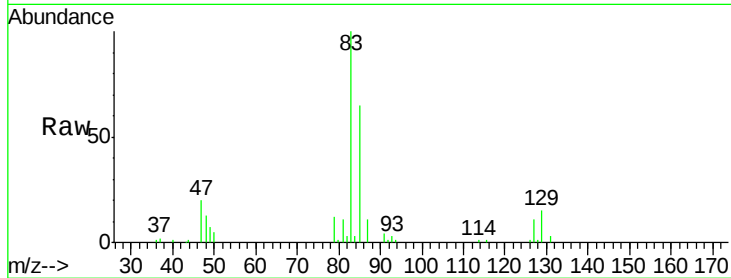
Tot Ion: 83 Resp: 151904

Ion Ratio Lower Upper

83 100

85 64.8 50.9 76.3

127 10.8 8.1 12.1



#48

Methyl methacrylate

Concen: 21.284 ug/l

RT: 9.10 min Scan# 780

Delta R.T. -0.02 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

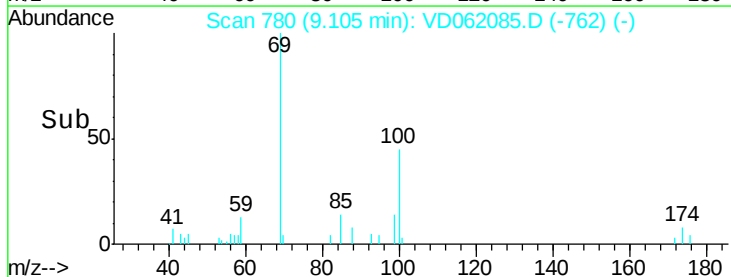
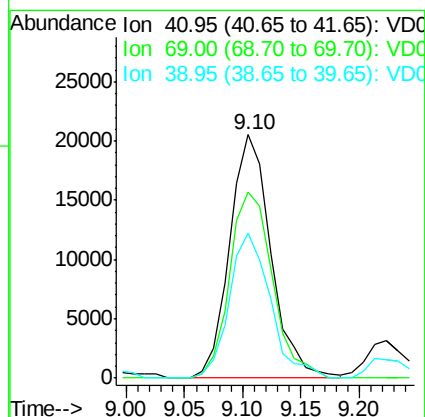
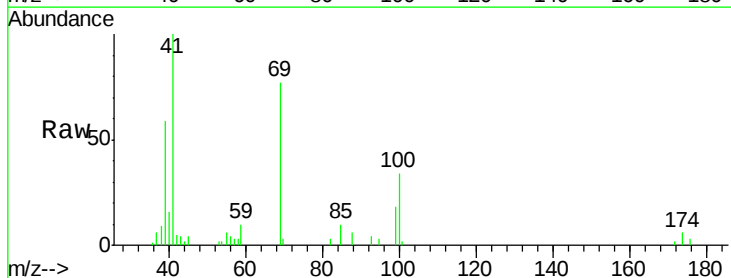
Tgt Ion: 41 Resp: 50385

Ion Ratio Lower Upper

41 100

69 76.6 64.2 96.2

39 59.5 46.8 70.2

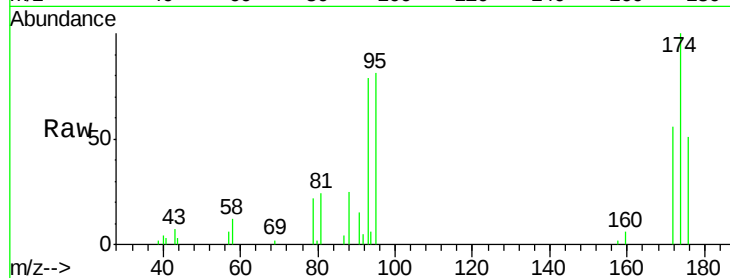




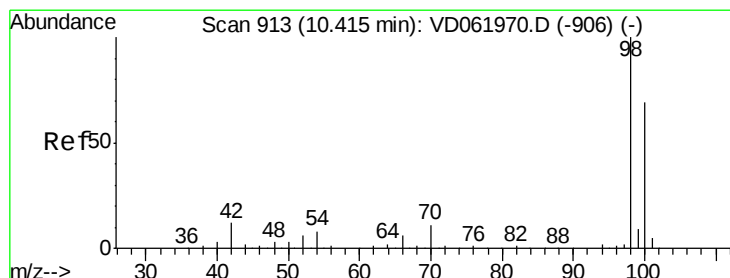
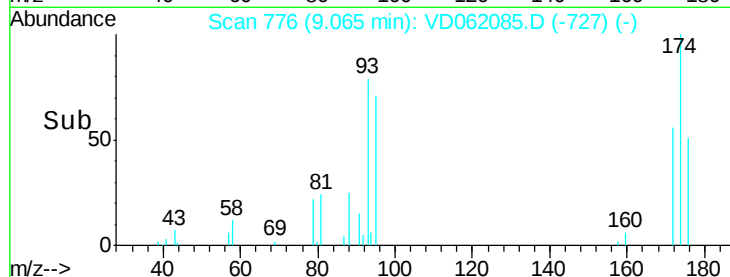
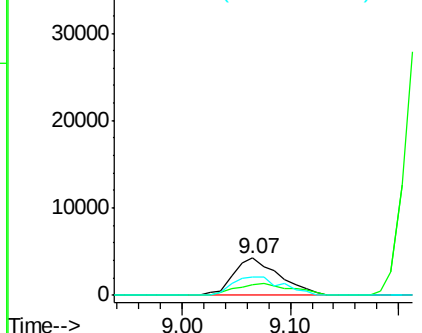
#49  
1,4-Dioxane  
Concen: 494.350 ug/l  
RT: 9.07 min Scan# 776  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion: 88 Resp: 12617  
Ion Ratio Lower Upper  
88 100  
43 29.2 23.4 35.0  
58 48.4 44.0 66.0

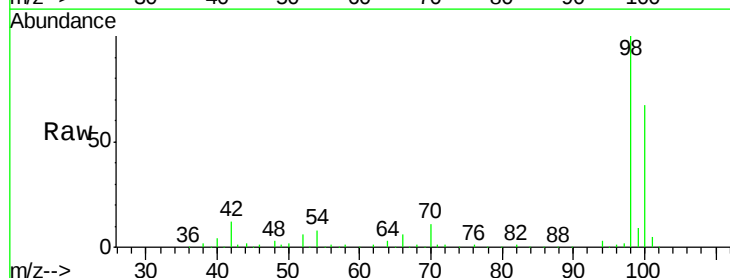


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

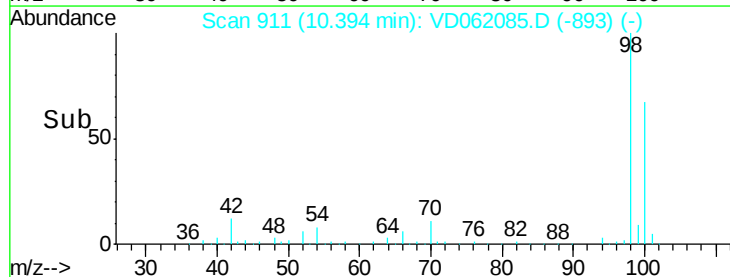
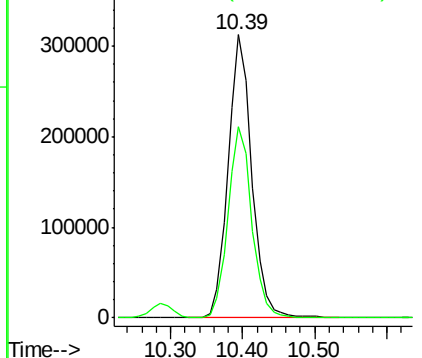


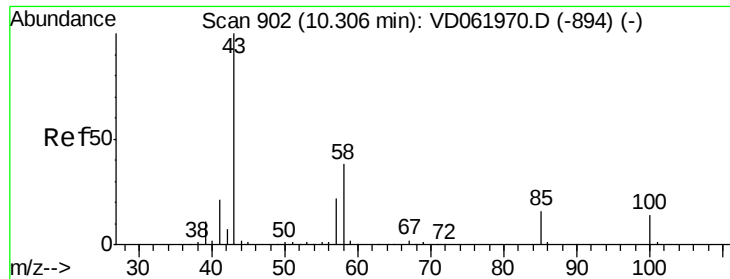
#50  
Toluene-d8  
Concen: 50.532 ug/l  
RT: 10.39 min Scan# 911  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 98 Resp: 711252  
Ion Ratio Lower Upper  
98 100  
100 67.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC  
Ion 100.05 (99.75 to 100.75): VDC

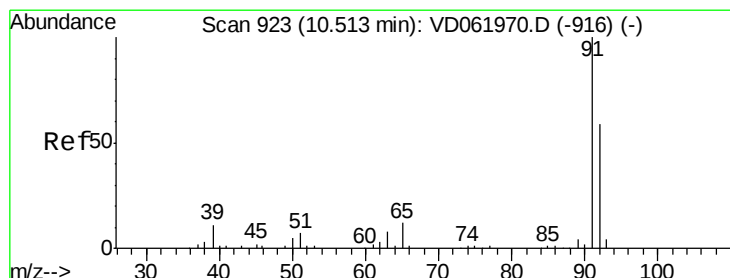
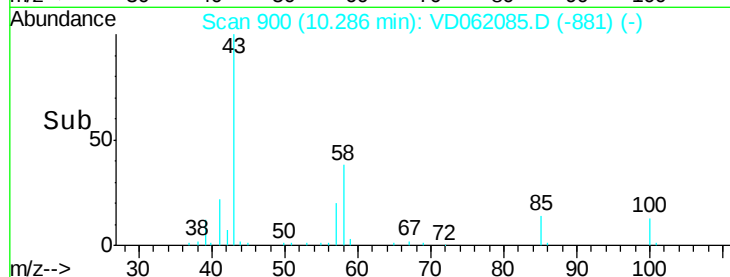
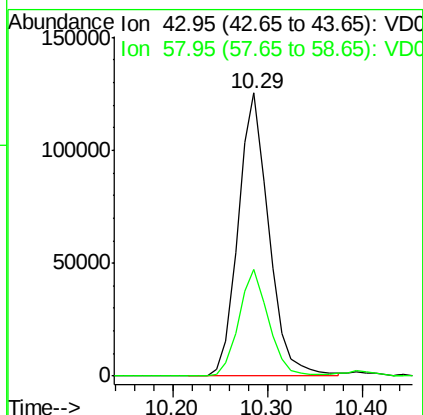
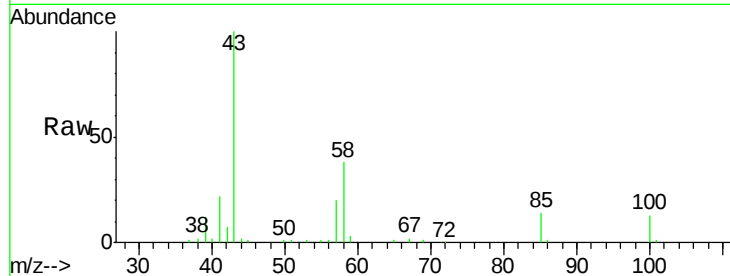




#51  
4-Methyl-2-Pentanone  
Concen: 110.637 ug/l  
RT: 10.29 min Scan# 900  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

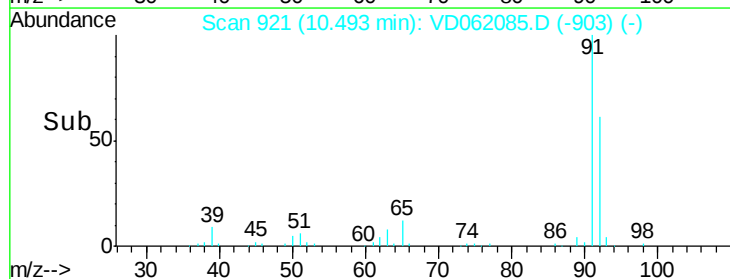
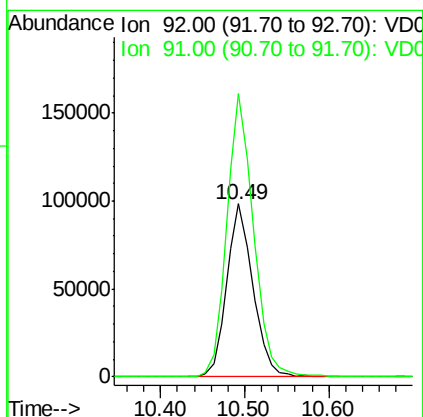
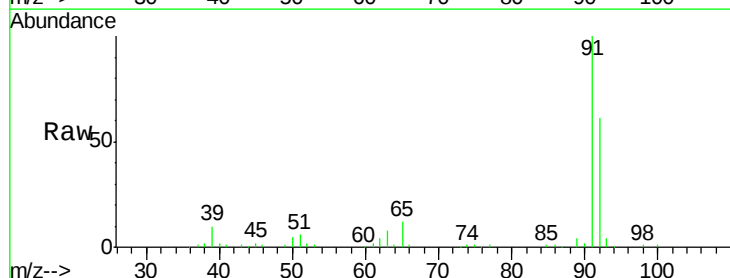
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBS01

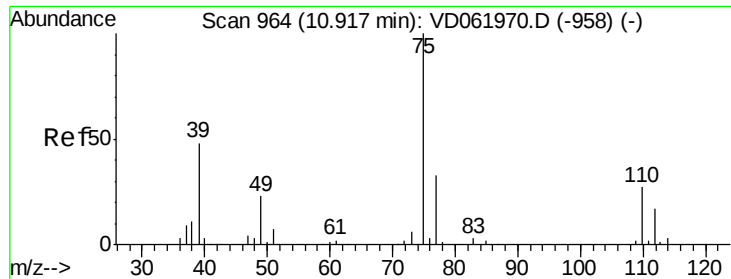
Tot Ion: 43 Resp: 280735  
Ion Ratio Lower Upper  
43 100  
58 37.6 30.4 45.6



#52  
Toluene  
Concen: 20.193 ug/l  
RT: 10.49 min Scan# 921  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 92 Resp: 212404  
Ion Ratio Lower Upper  
92 100  
91 163.5 136.6 204.8

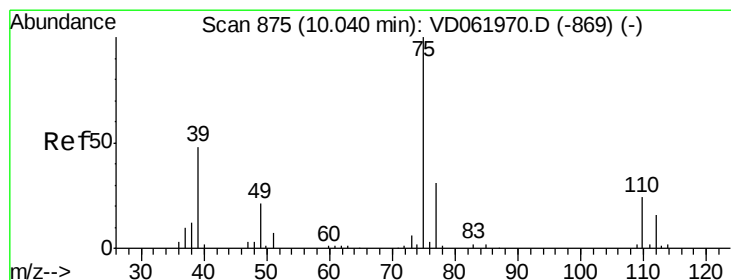
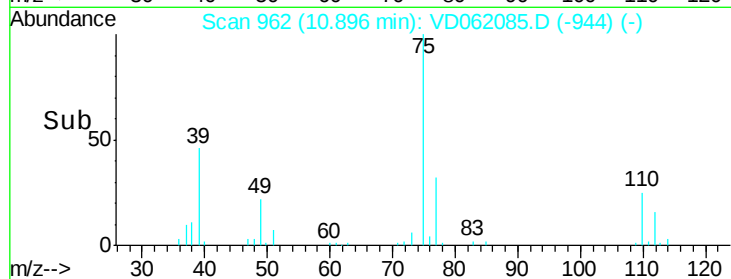
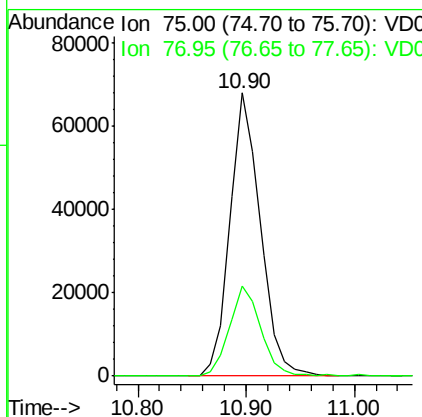
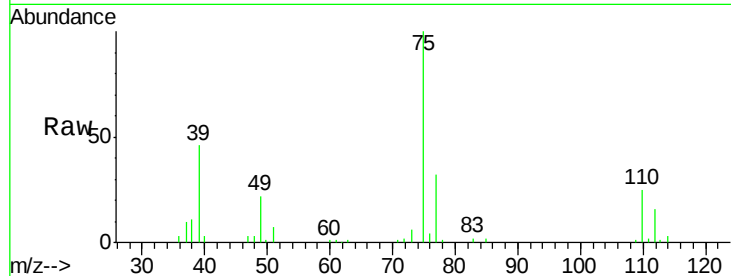




#53  
 t-1,3-Dichloropropene  
 Concen: 22.293 ug/l  
 RT: 10.90 min Scan# 962  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

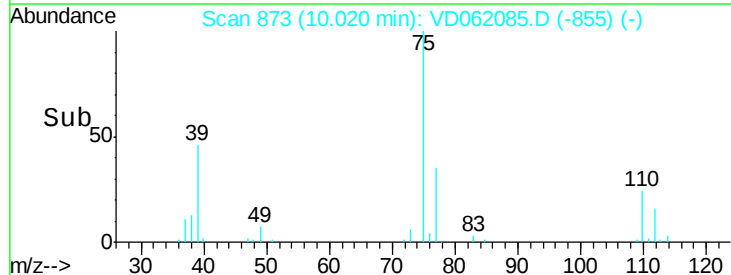
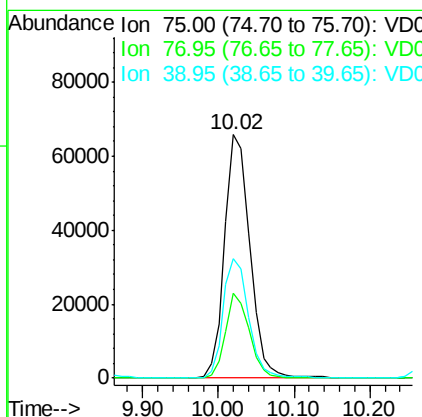
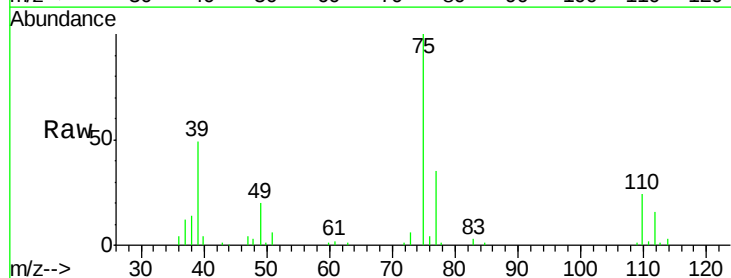
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

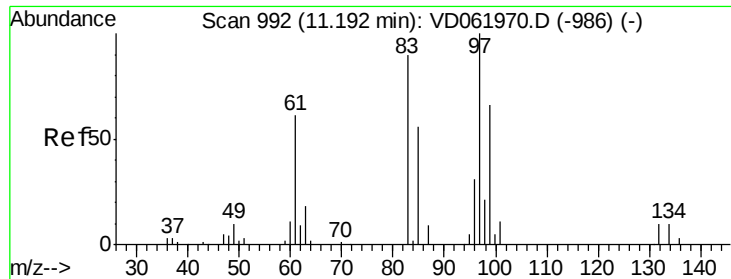
Tot Ion: 75 Resp: 133152  
 Ion Ratio Lower Upper  
 75 100  
 77 31.7 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 21.060 ug/l  
 RT: 10.02 min Scan# 873  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 75 Resp: 152988  
 Ion Ratio Lower Upper  
 75 100  
 77 34.8 25.5 38.3  
 39 49.1 39.4 59.2

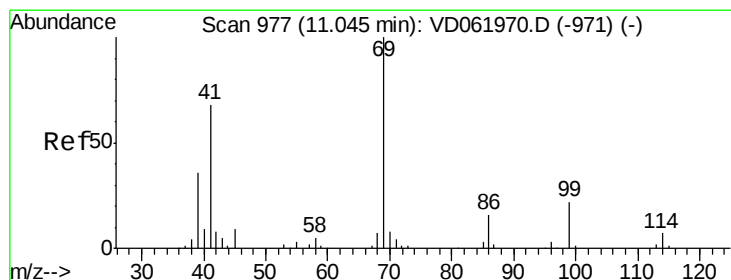
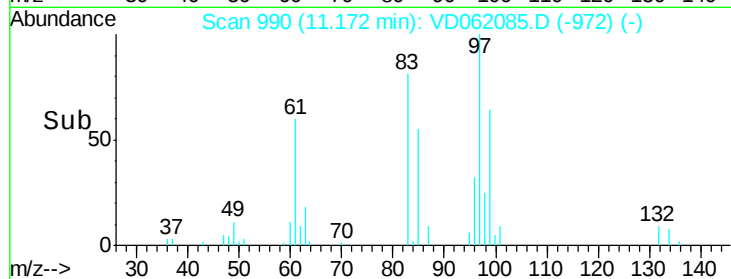
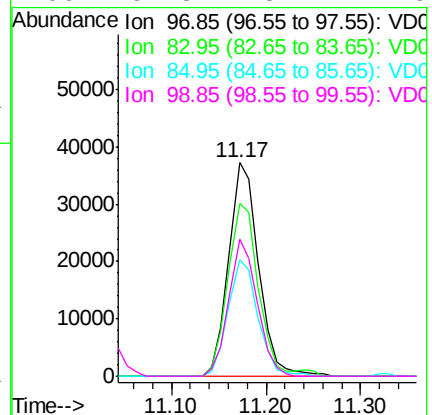
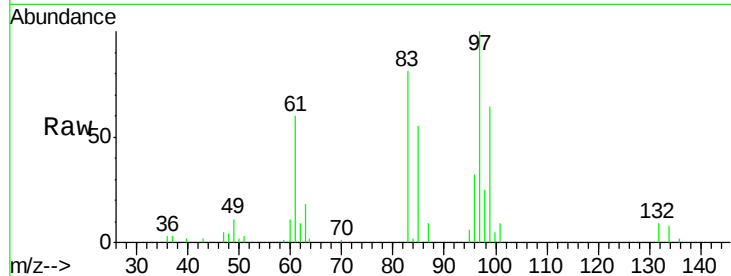




#55  
 1,1,2-Trichloroethane  
 Concen: 23.100 ug/l  
 RT: 11.17 min Scan# 990  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

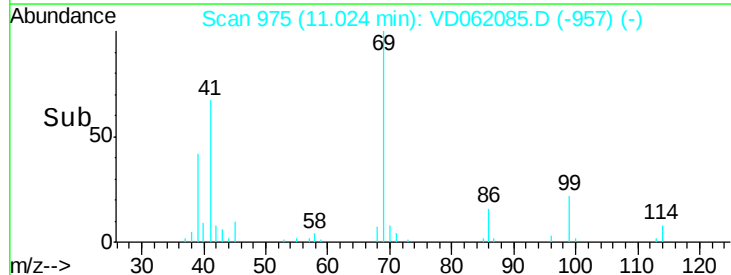
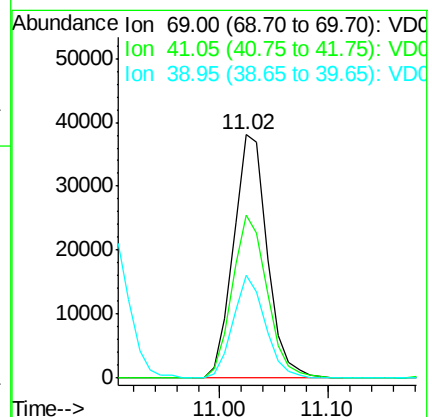
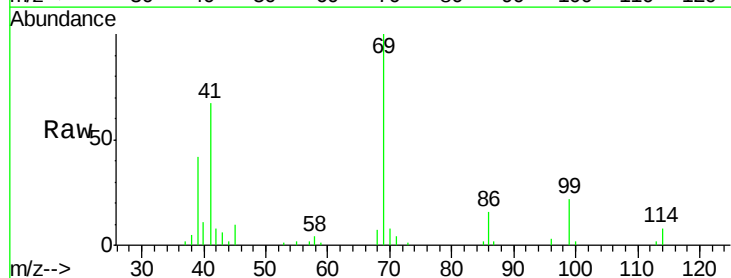
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

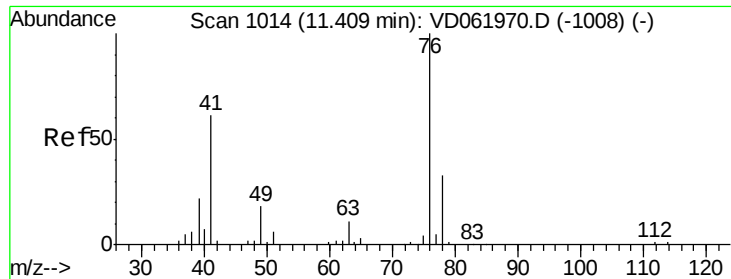
Tot Ion: 97 Resp: 81574  
 Ion Ratio Lower Upper  
 97 100  
 83 80.9 65.7 98.5  
 85 54.6 45.6 68.4  
 99 64.3 48.4 72.6



#56  
 Ethyl methacrylate  
 Concen: 21.172 ug/l  
 RT: 11.02 min Scan# 975  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 69 Resp: 82806  
 Ion Ratio Lower Upper  
 69 100  
 41 67.0 56.3 84.5  
 39 42.2 29.4 44.2

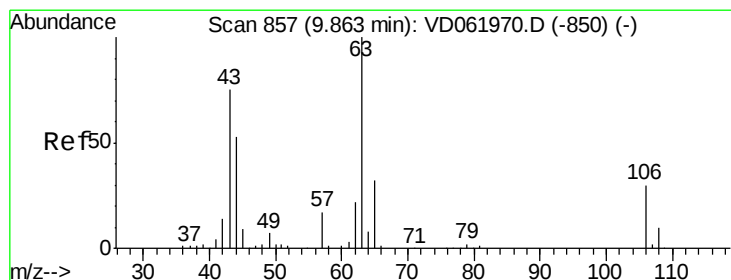
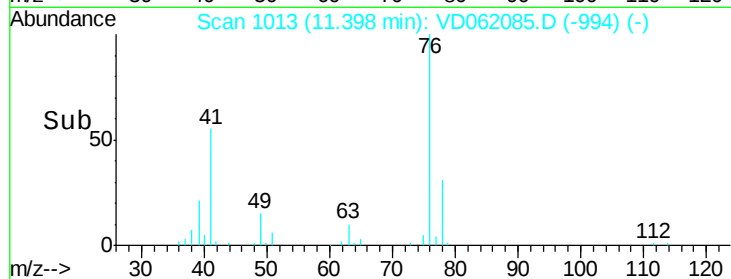
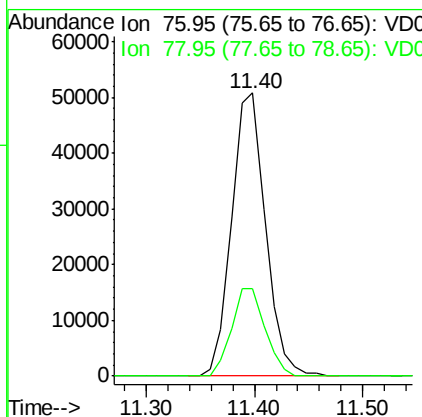
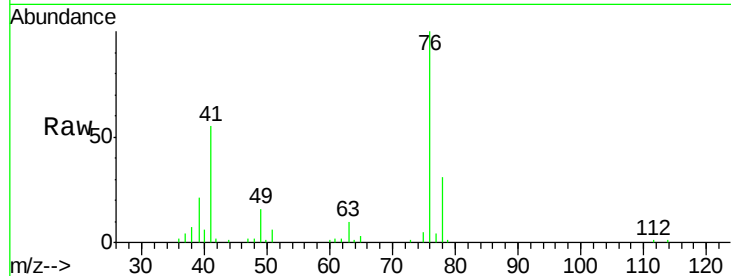




#57  
 1,3-Dichloropropane  
 Concen: 20.278 ug/l  
 RT: 11.40 min Scan# 1013  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

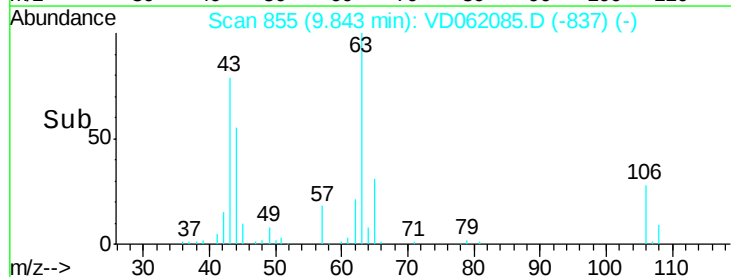
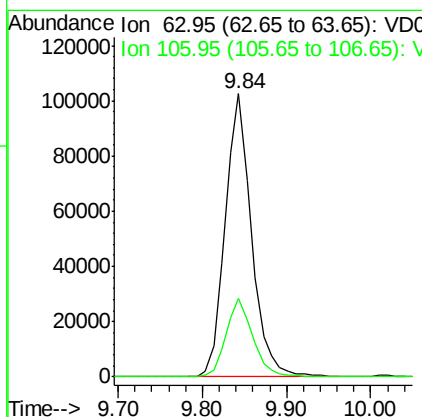
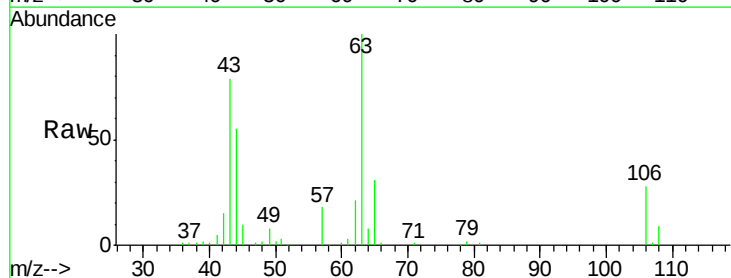
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

Tot Ion: 76 Resp: 110599  
 Ion Ratio Lower Upper  
 76 100  
 78 30.8 26.2 39.2



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 122.006 ug/l  
 RT: 9.84 min Scan# 855  
 Delta R.T. -0.02 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 63 Resp: 221857  
 Ion Ratio Lower Upper  
 63 100  
 106 27.8 22.6 34.0

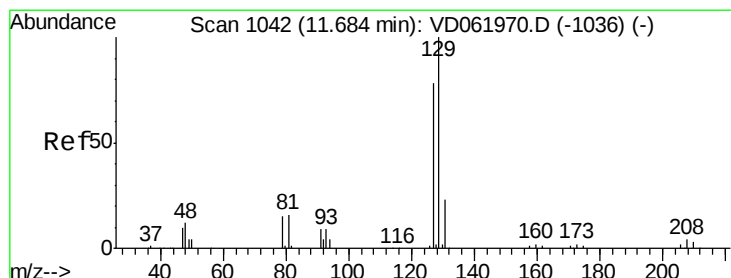
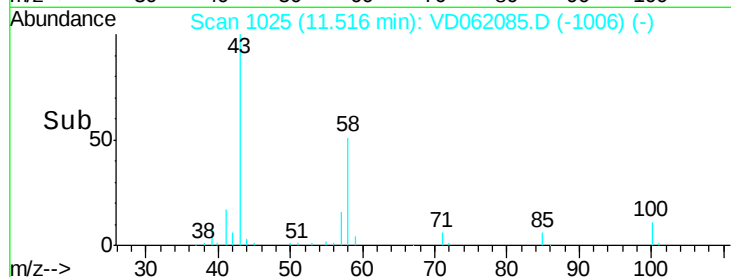
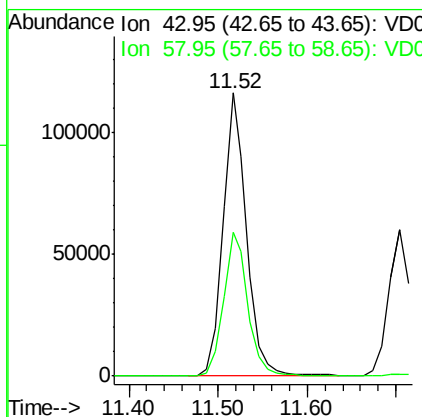
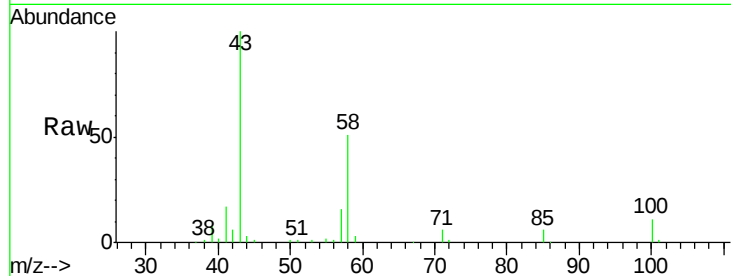




#59  
2-Hexanone  
Concen: 112.576 ug/l  
RT: 11.52 min Scan# 1025  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

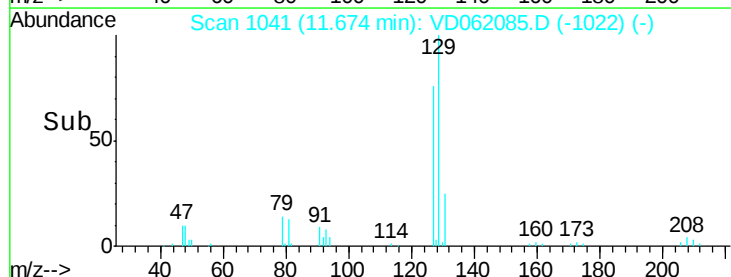
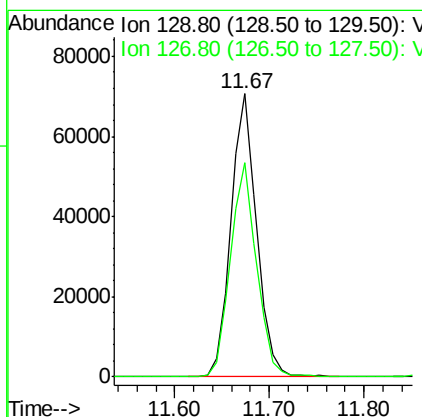
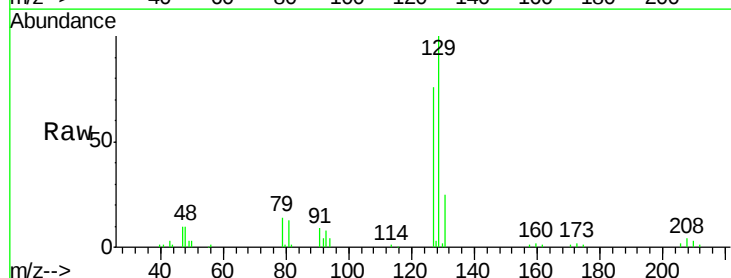
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

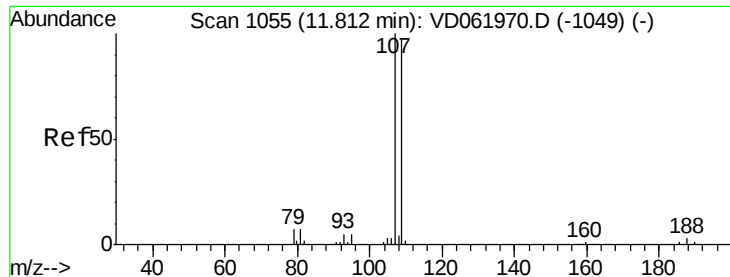
Tot Ion: 43 Resp: 214282  
Ion Ratio Lower Upper  
43 100  
58 50.7 25.4 76.4



#60  
Dibromochloromethane  
Concen: 22.610 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 129 Resp: 132115  
Ion Ratio Lower Upper  
129 100  
127 75.6 38.0 113.9

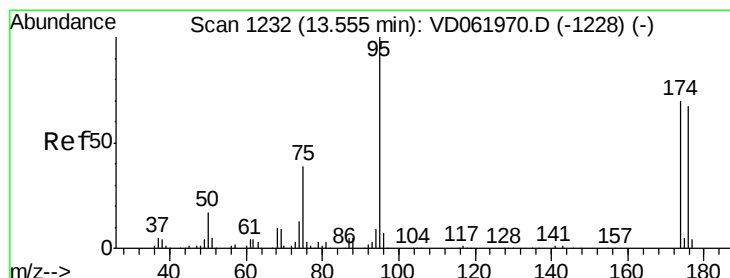
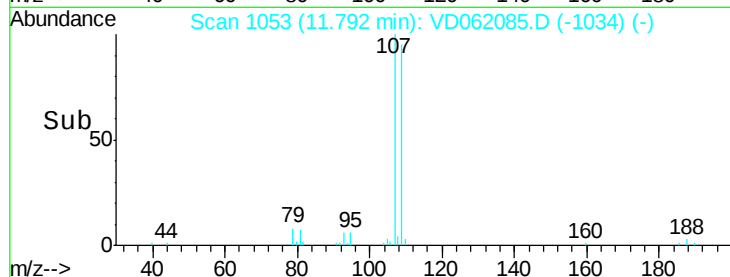
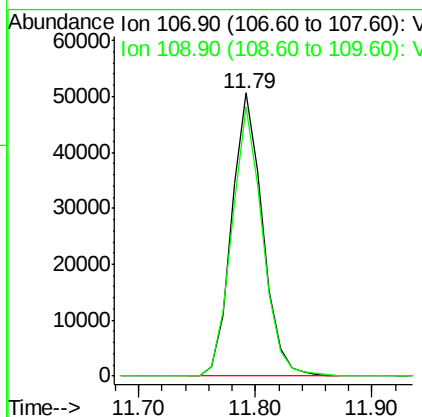
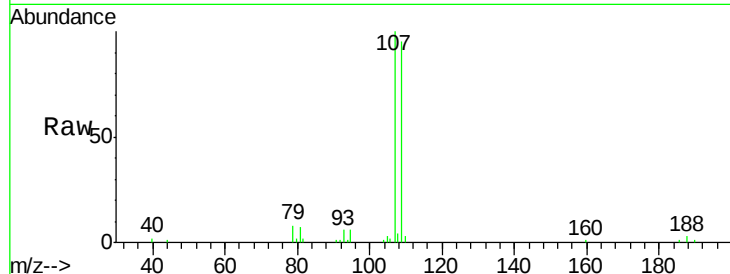




#61  
 1,2-Dibromoethane  
 Concen: 22.124 ug/l  
 RT: 11.79 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

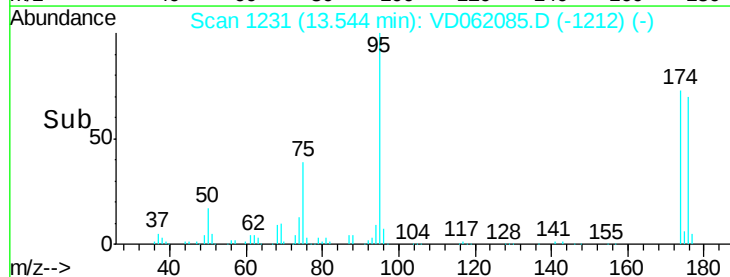
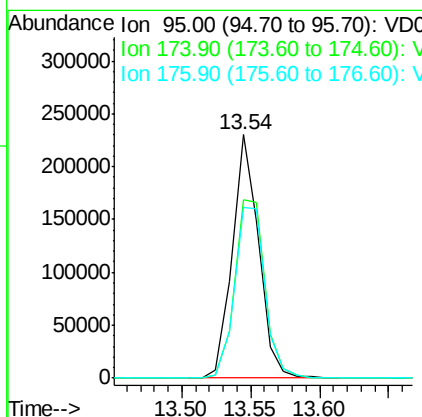
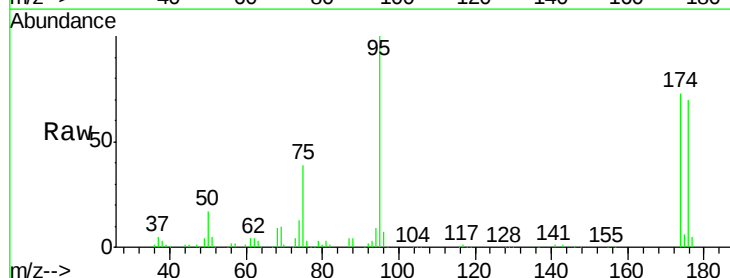
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

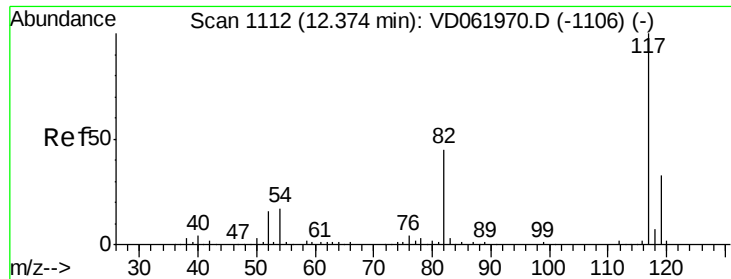
Tot Ion:107 Resp: 92680  
 Ion Ratio Lower Upper  
 107 100  
 109 95.2 78.3 117.5



#62  
 4-Bromofluorobenzene  
 Concen: 54.163 ug/l  
 RT: 13.54 min Scan# 1231  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 95 Resp: 305778  
 Ion Ratio Lower Upper  
 95 100  
 174 73.2 0.0 181.8  
 176 70.2 0.0 174.4

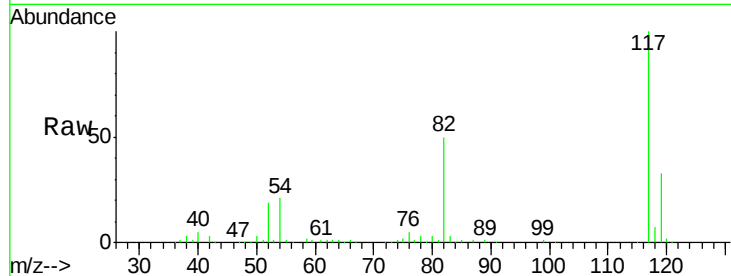




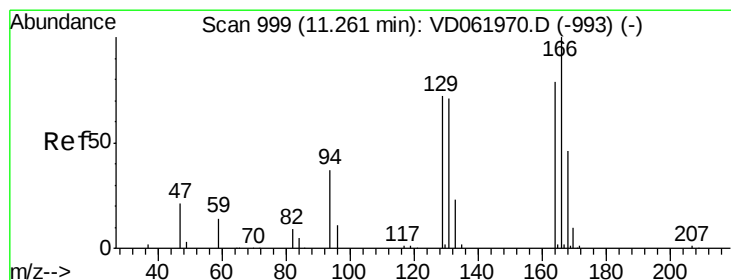
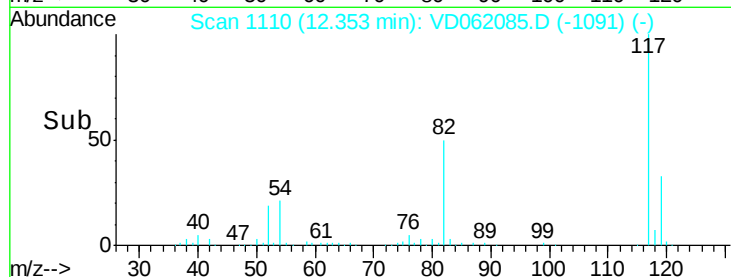
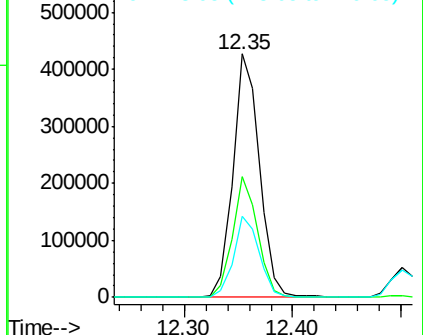
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.35 min Scan# 1110  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion:117 Resp: 724080  
Ion Ratio Lower Upper  
117 100  
82 49.8 36.2 54.2  
119 33.1 26.2 39.4

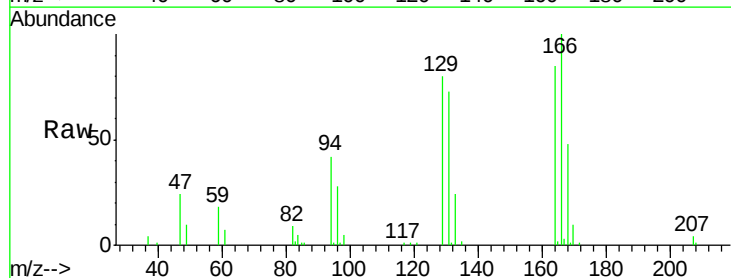


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

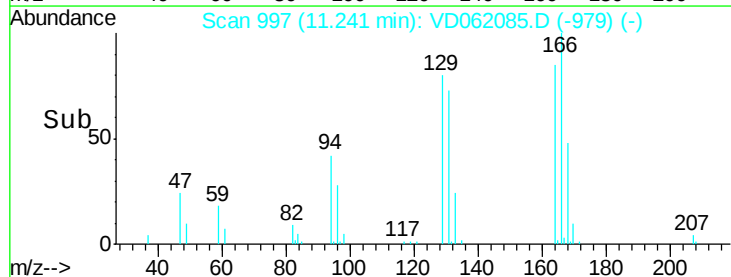
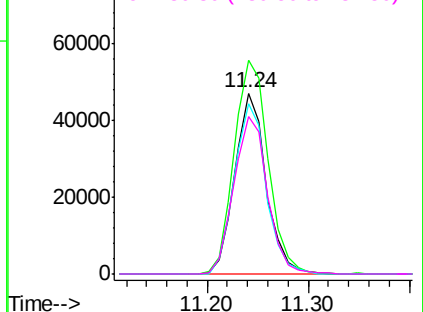


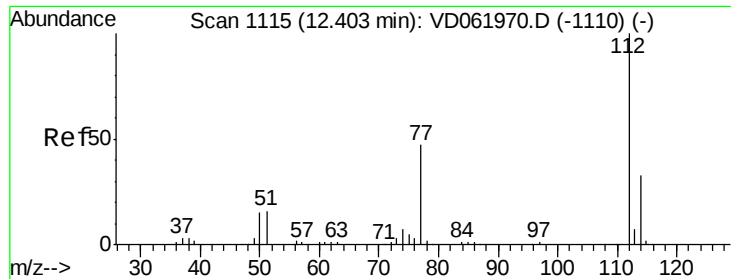
#64  
Tetrachloroethene  
Concen: 19.609 ug/l  
RT: 11.24 min Scan# 997  
Delta R.T. -0.02 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion:164 Resp: 101288  
Ion Ratio Lower Upper  
164 100  
166 118.2 101.5 152.3  
129 94.3 74.6 112.0  
131 86.9 72.6 108.8



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

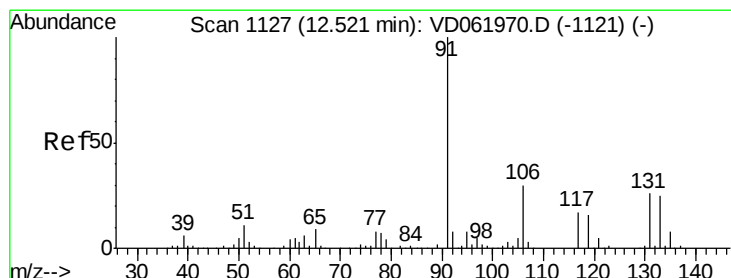
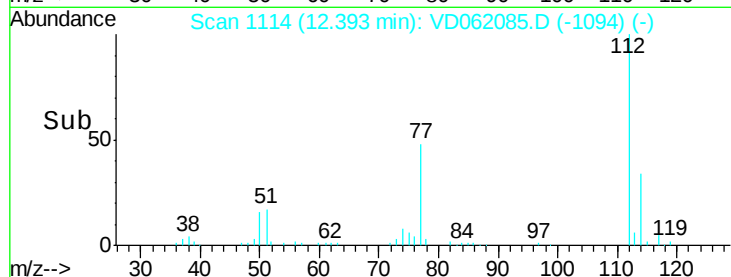
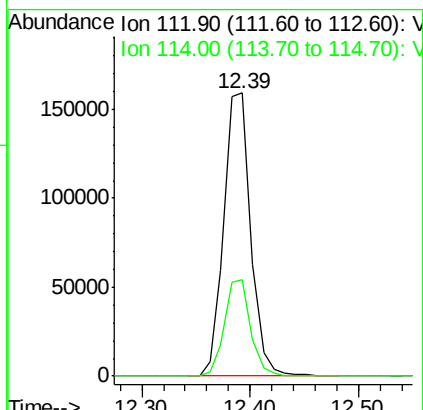
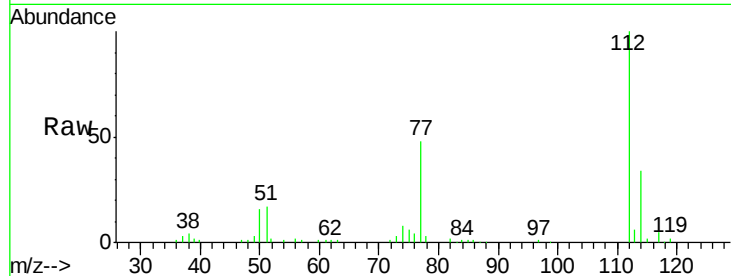




#65  
Chlorobenzene  
Concen: 20.154 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

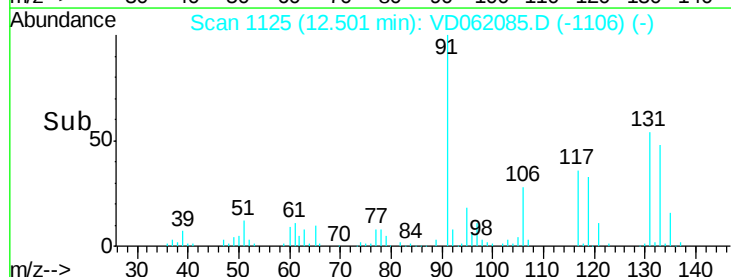
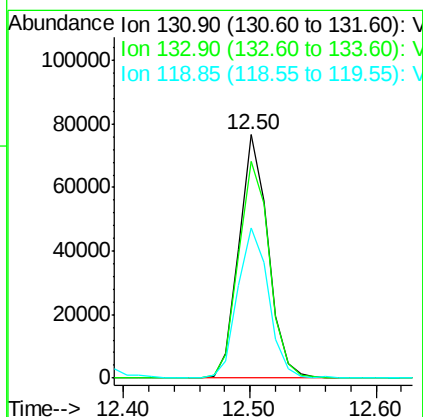
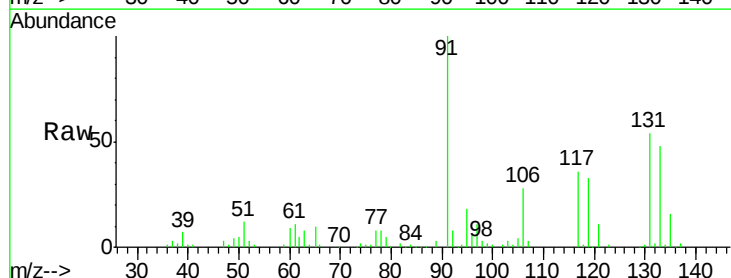
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion:112 Resp: 275761  
Ion Ratio Lower Upper  
112 100  
114 34.3 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.089 ug/l  
RT: 12.50 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion:131 Resp: 122396  
Ion Ratio Lower Upper  
131 100  
133 89.2 48.6 145.8  
119 61.5 34.7 104.1

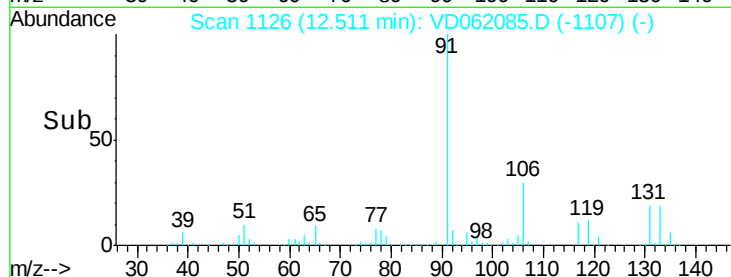
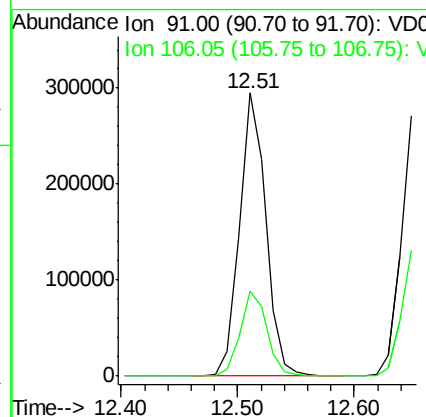
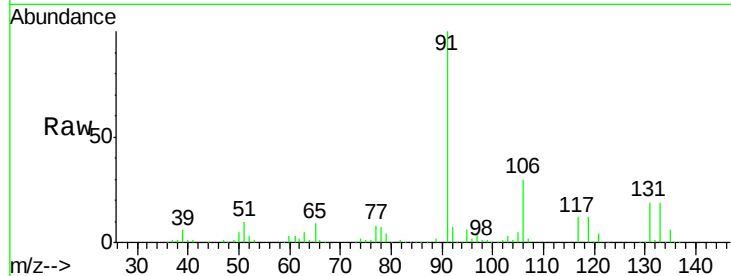




#67  
Ethyl Benzene  
Concen: 20.639 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

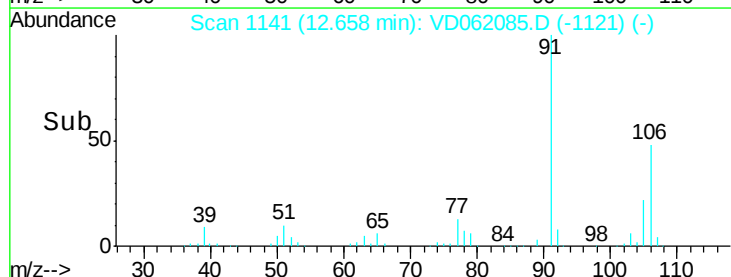
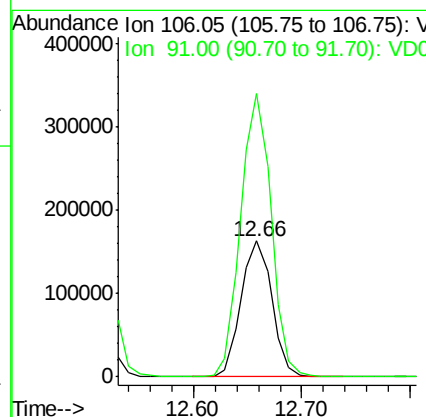
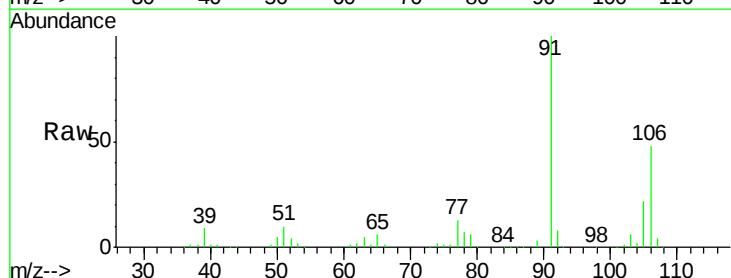
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBS01

Tot Ion: 91 Resp: 460929  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.7 37.1



#68  
m/p-Xylenes  
Concen: 40.300 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 106 Resp: 325285  
Ion Ratio Lower Upper  
106 100  
91 208.2 164.0 246.0

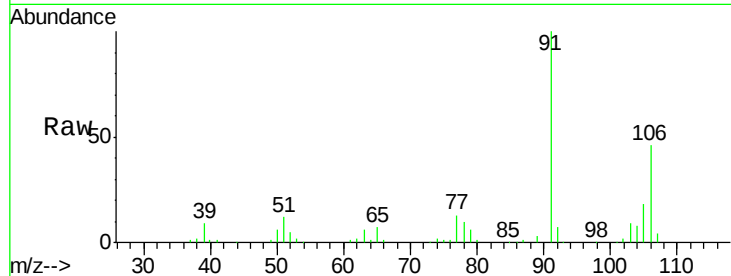




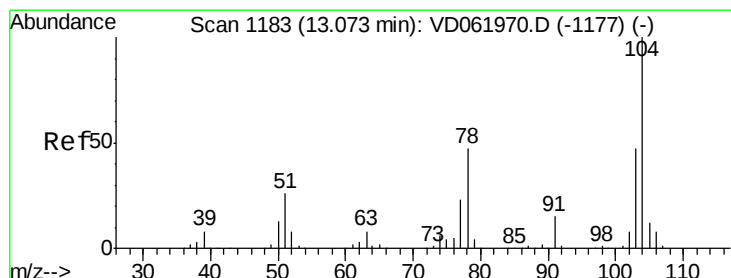
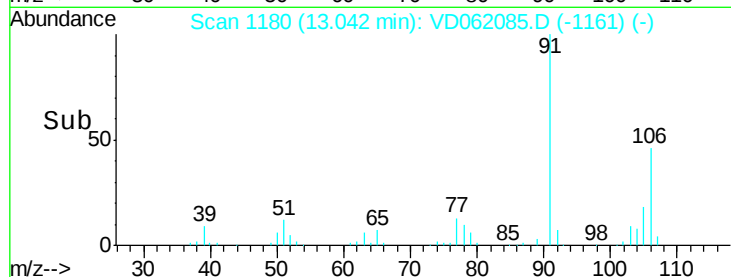
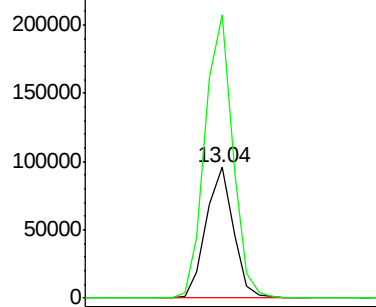
#69  
o-Xylene  
Concen: 19.385 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion:106 Resp: 143160  
Ion Ratio Lower Upper  
106 100  
91 216.1 106.7 319.9

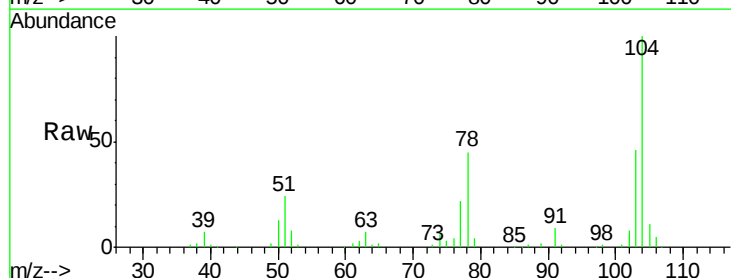


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

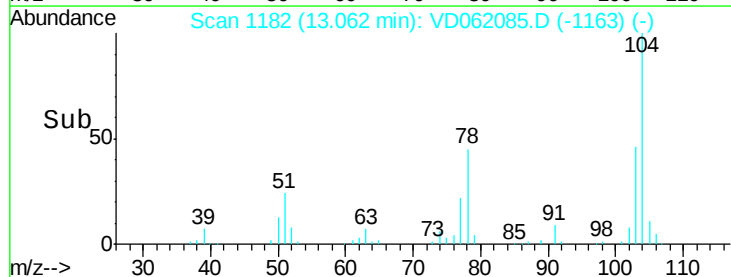
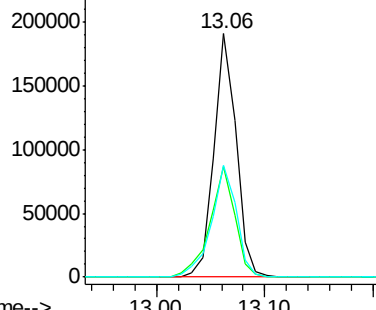


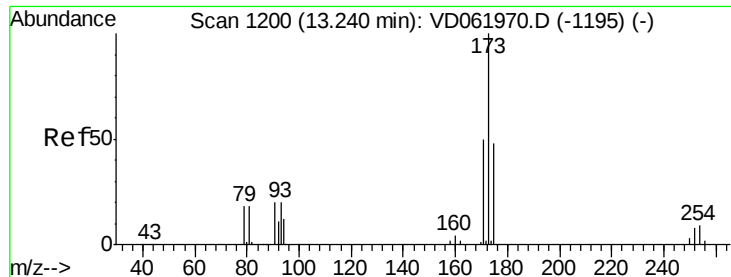
#70  
Styrene  
Concen: 21.436 ug/l  
RT: 13.06 min Scan# 1182  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion:104 Resp: 273352  
Ion Ratio Lower Upper  
104 100  
78 45.2 35.4 53.2  
103 46.1 37.5 56.3



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





#71

Bromoform

Concen: 21.170 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBSD01

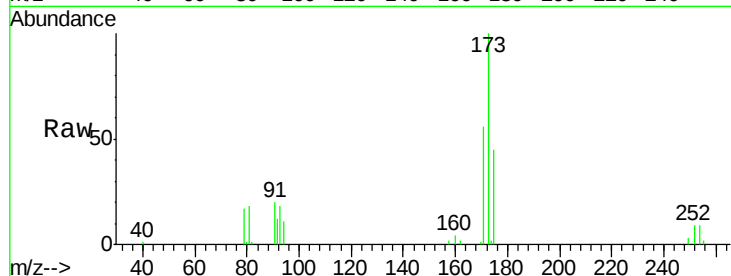
Tot Ion:173 Resp: 70049

Ion Ratio Lower Upper

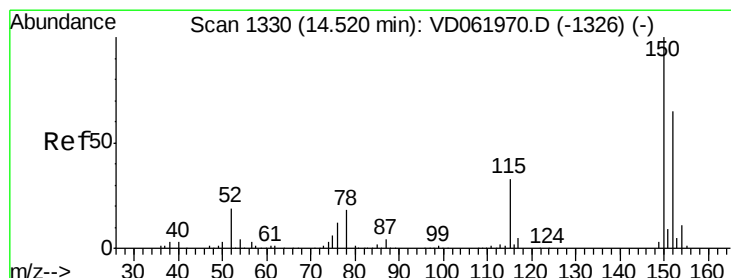
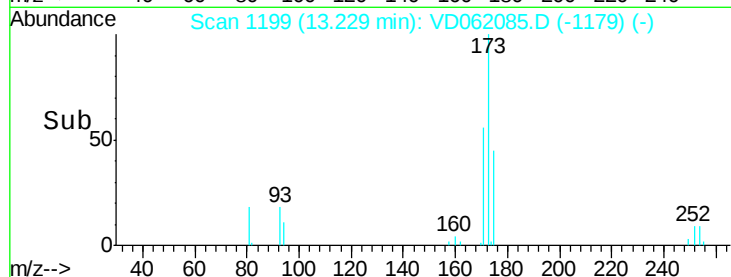
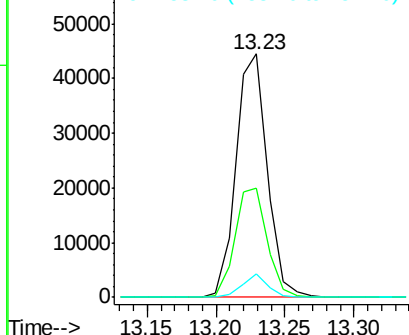
173 100

175 44.9 24.4 73.4

254 9.4 5.4 8.2#



Abundance Ion 172.80 (172.50 to 173.50): V  
Ion 174.80 (174.50 to 175.50): V  
Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

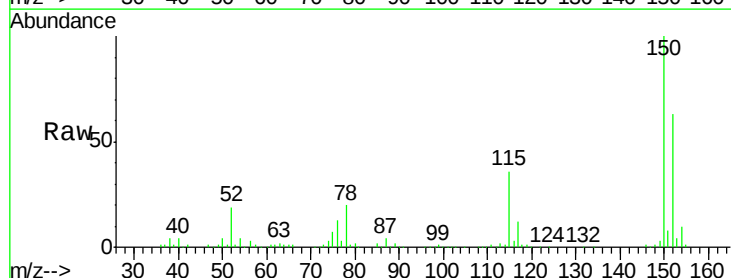
Tgt Ion:152 Resp: 342904

Ion Ratio Lower Upper

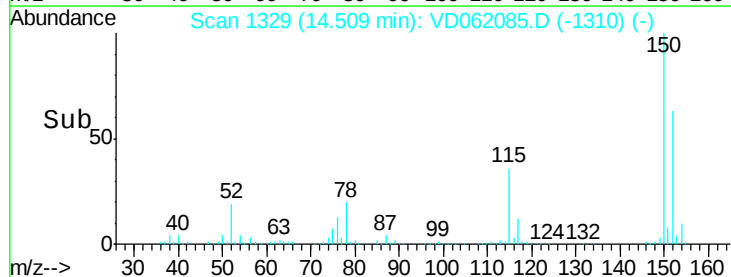
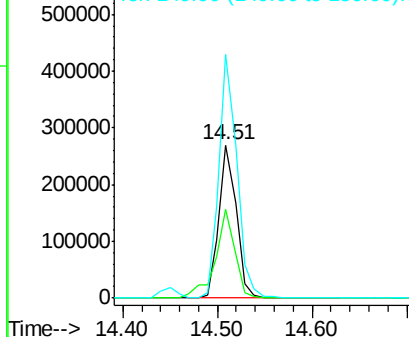
152 100

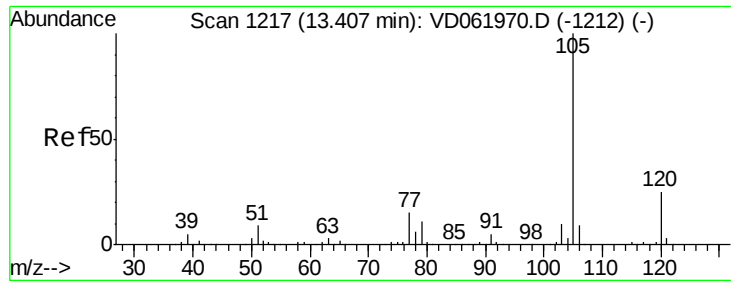
115 58.0 30.9 92.7

150 159.0 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.663 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

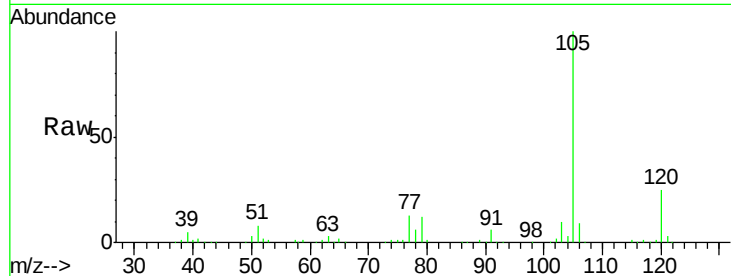
VD0430SBS01

Tot Ion:105 Resp: 404015

Ion Ratio Lower Upper

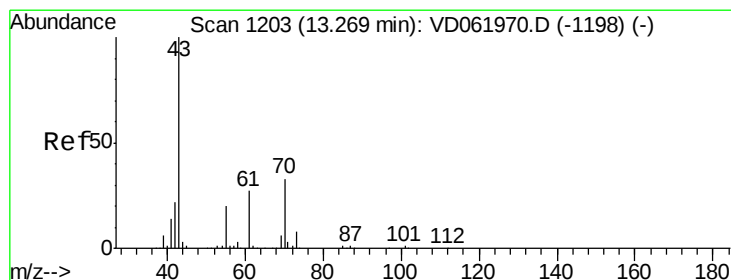
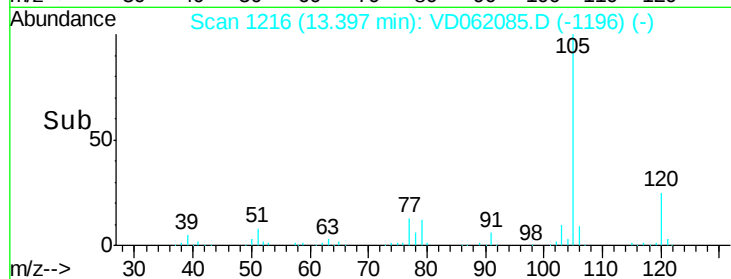
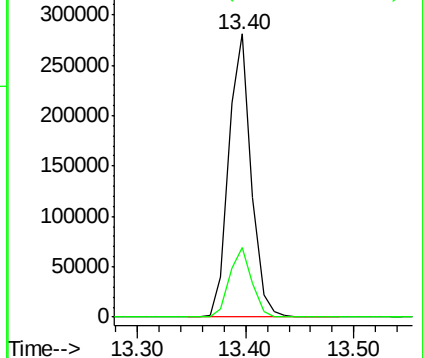
105 100

120 24.7 12.0 36.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#74

N-ethyl acetate

Concen: 19.187 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Tgt Ion: 43 Resp: 113027

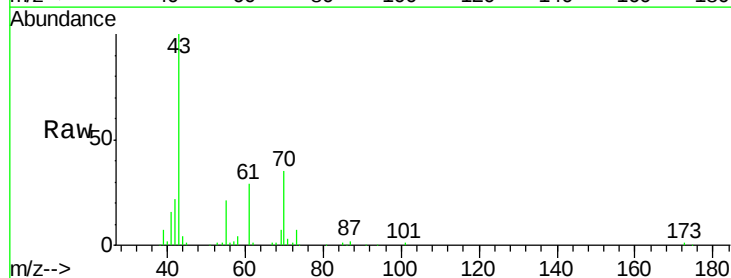
Ion Ratio Lower Upper

43 100

70 34.6 24.2 36.4

55 20.7 16.0 24.0

61 29.2 21.6 32.4

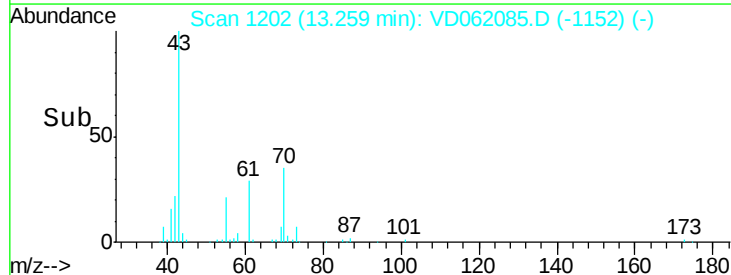
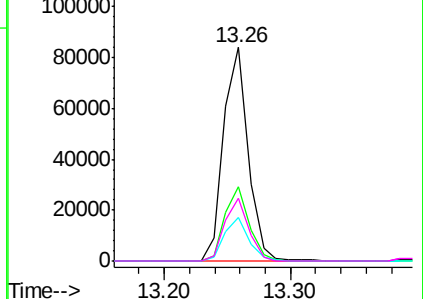


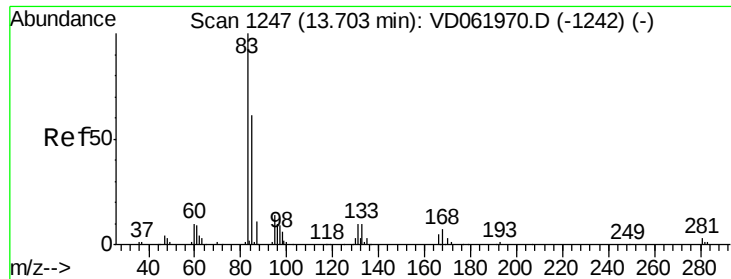
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 19.073 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

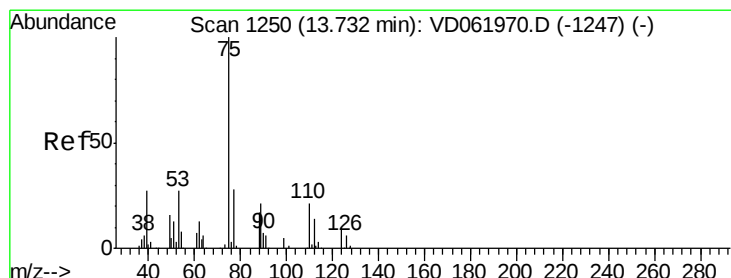
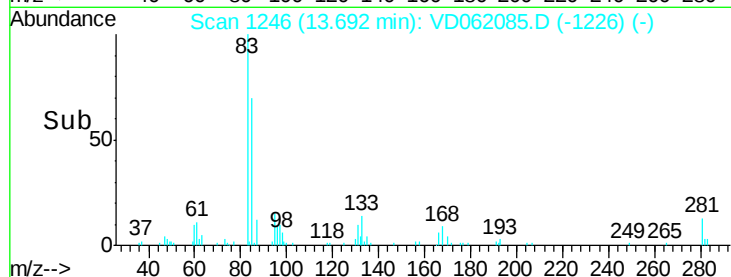
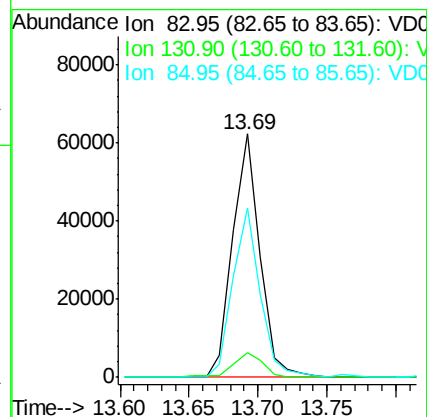
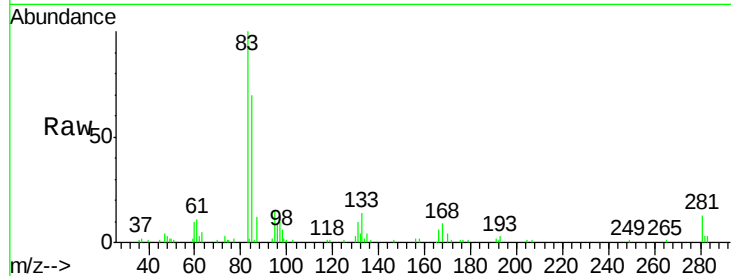
Tot Ion: 83 Resp: 85492

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 69.8 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 19.824 ug/l

RT: 13.72 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VD062085.D

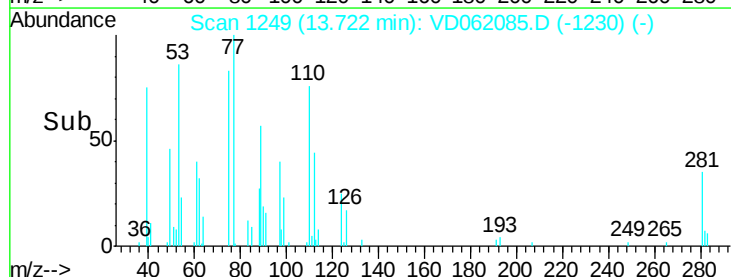
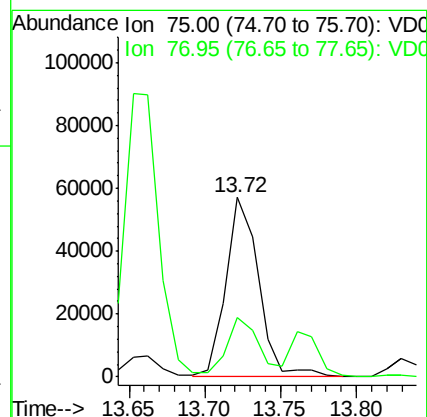
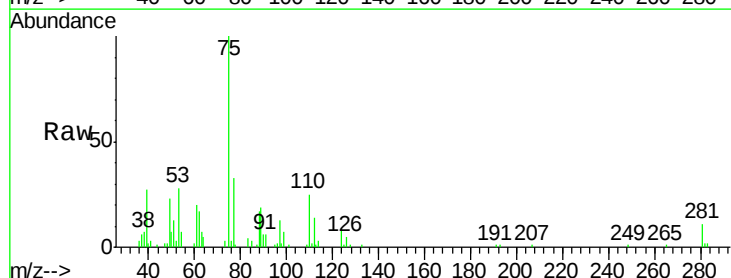
Acq: 30 Apr 2019 14:11

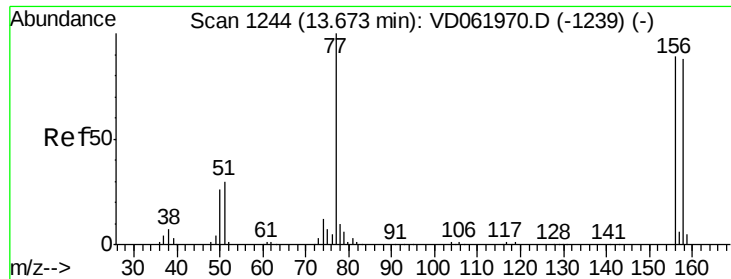
Tgt Ion: 75 Resp: 86322

Ion Ratio Lower Upper

75 100

77 33.4 16.4 49.4





#77

Bromobenzene

Concen: 18.028 ug/l

RT: 13.66 min Scan# 1243

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

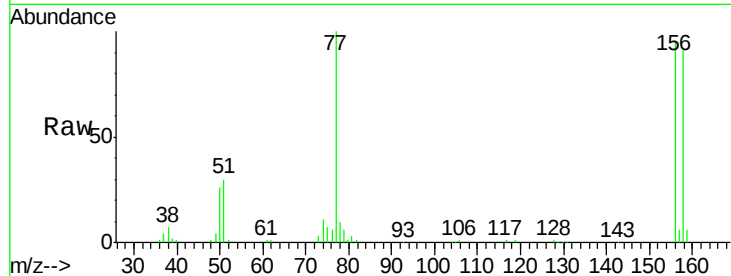
Tot Ion:156 Resp: 118296

Ion Ratio Lower Upper

156 100

77 104.8 53.1 159.4

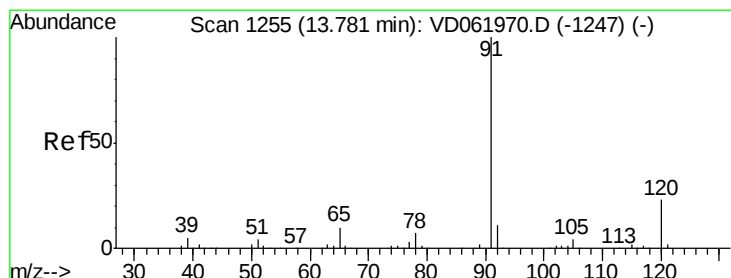
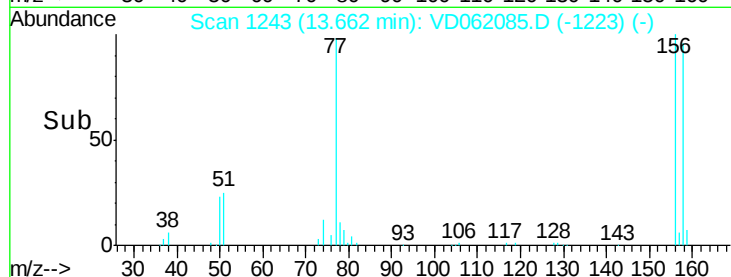
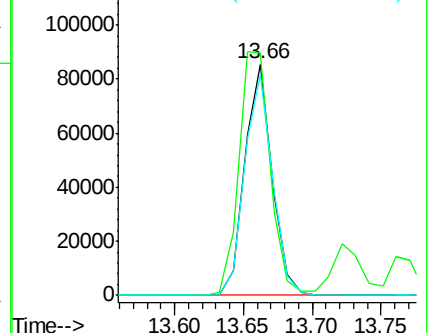
158 95.6 49.4 148.0



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 20.554 ug/l

RT: 13.76 min Scan# 1253

Delta R.T. -0.01 min

Lab File: VD062085.D

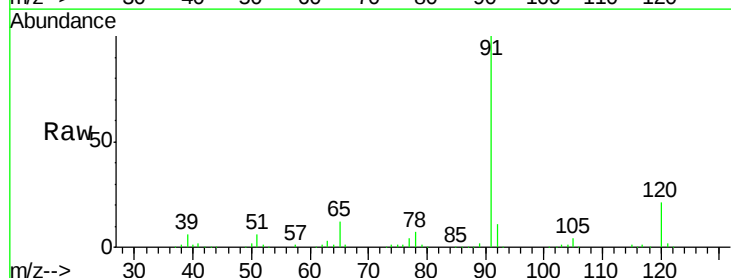
Acq: 30 Apr 2019 14:11

Tgt Ion: 91 Resp: 538222

Ion Ratio Lower Upper

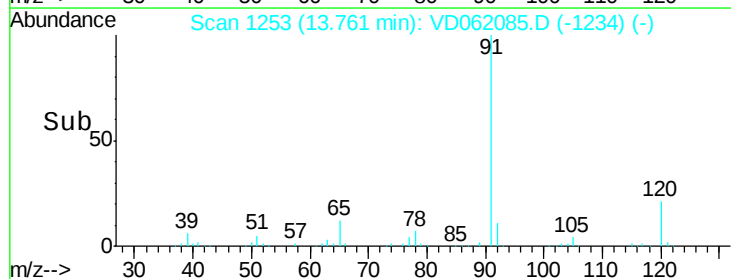
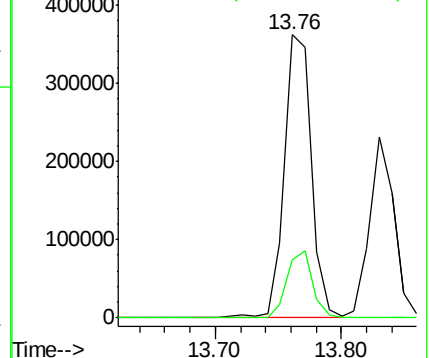
91 100

120 20.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

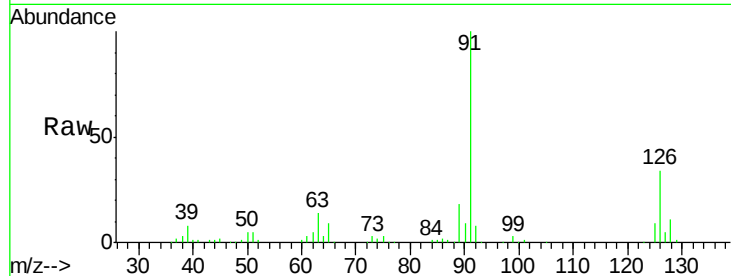




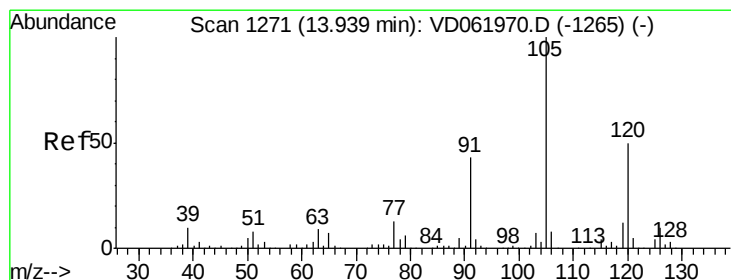
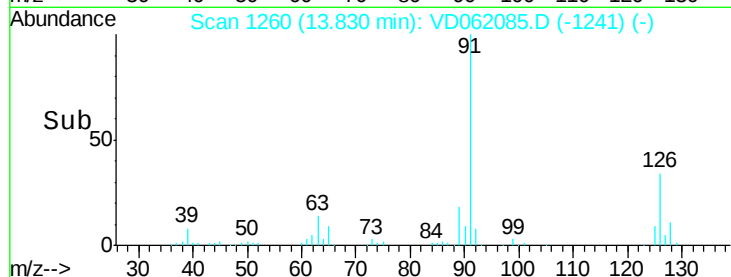
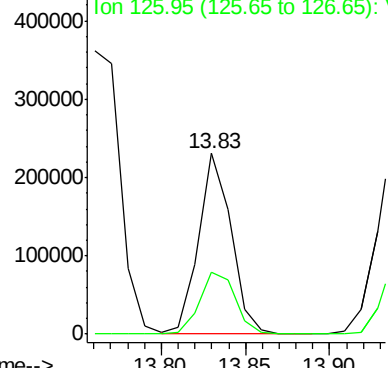
#79  
 2-Chlorotoluene  
 Concen: 19.644 ug/l  
 RT: 13.83 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

Tot Ion: 91 Resp: 311571  
 Ion Ratio Lower Upper  
 91 100  
 126 34.3 18.6 55.8

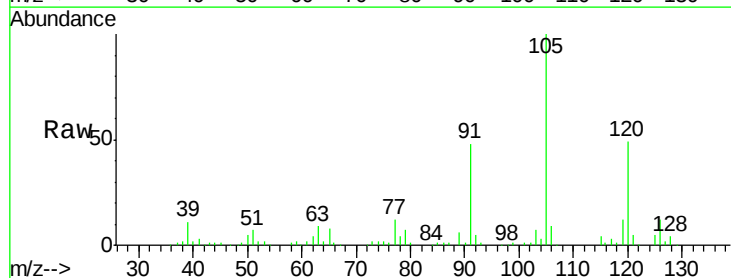


Abundance Ion 91.00 (90.70 to 91.70): VD061970.D (-1258) (-)  
 Ion 125.95 (125.65 to 126.65): VD061970.D (-1258) (-)

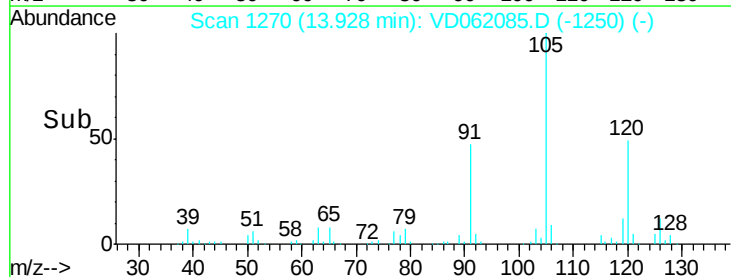
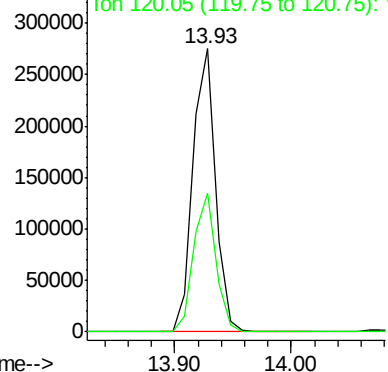


#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.294 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 105 Resp: 370135  
 Ion Ratio Lower Upper  
 105 100  
 120 49.0 24.0 72.0



Abundance Ion 105.05 (104.75 to 105.75): VD061970.D (-1265) (-)  
 Ion 120.05 (119.75 to 120.75): VD061970.D (-1265) (-)

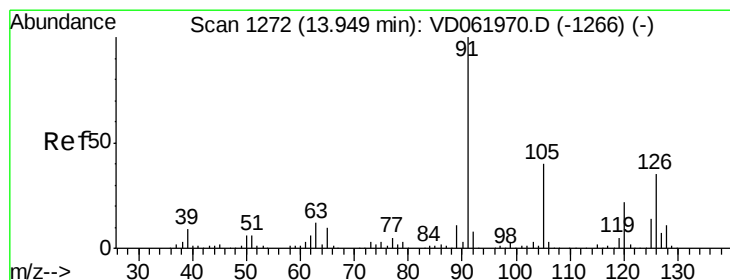
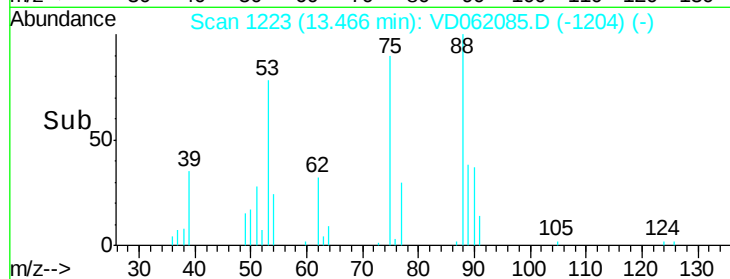
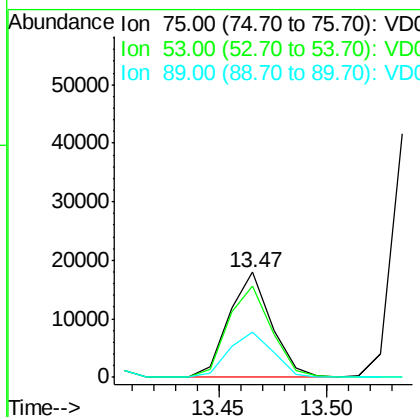
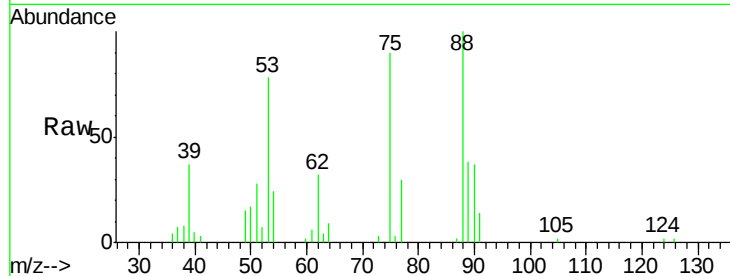




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.521 ug/l  
RT: 13.47 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

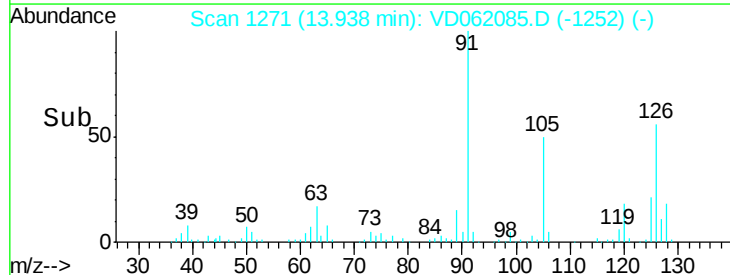
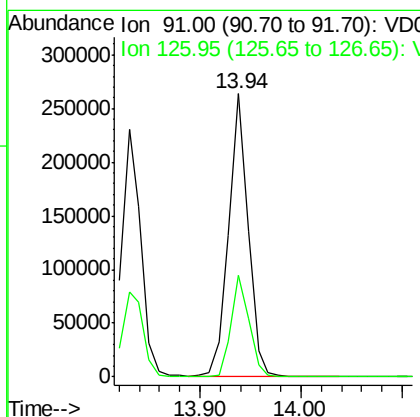
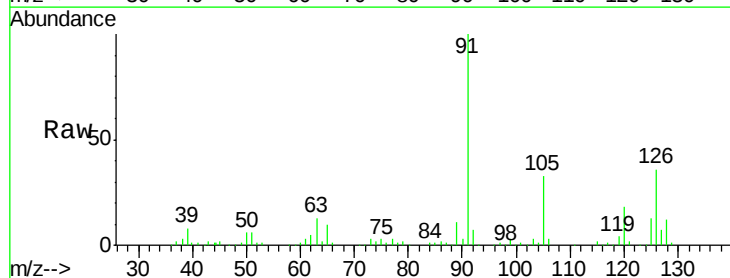
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion: 75 Resp: 24439  
Ion Ratio Lower Upper  
75 100  
53 87.2 65.8 98.8  
89 42.8 35.0 52.6



#82  
4-Chlorotoluene  
Concen: 20.316 ug/l  
RT: 13.94 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion: 91 Resp: 354865  
Ion Ratio Lower Upper  
91 100  
126 35.9 19.1 57.5





#83

tert-Butylbenzene

Concen: 20.210 ug/l

RT: 14.18 min Scan# 1296

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBSD01

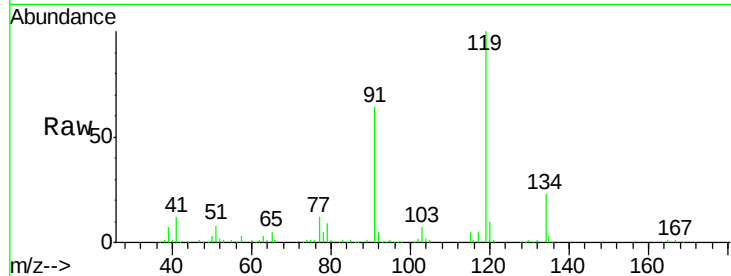
Tot Ion:119 Resp: 427015

Ion Ratio Lower Upper

119 100

91 63.7 34.2 102.6

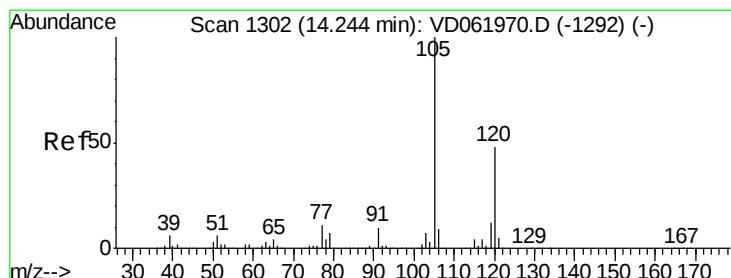
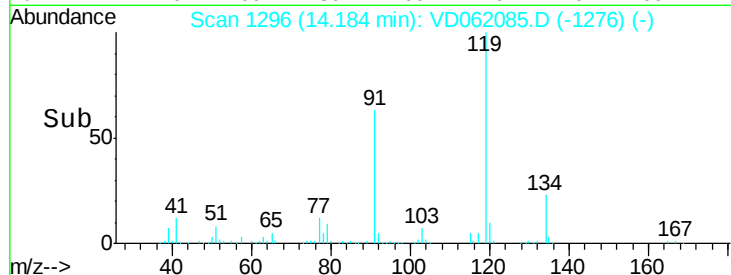
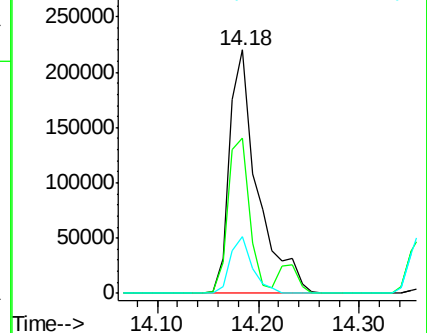
134 23.1 12.0 36.0



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.408 ug/l

RT: 14.23 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VD062085.D

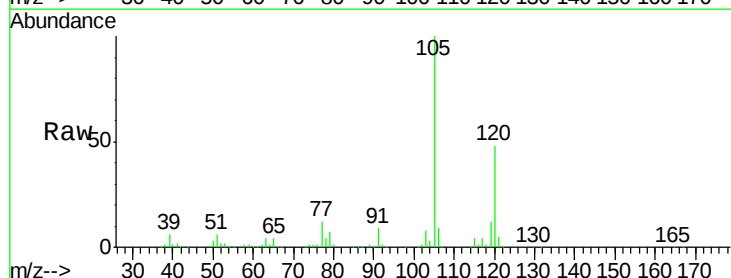
Acq: 30 Apr 2019 14:11

Tgt Ion:105 Resp: 372833

Ion Ratio Lower Upper

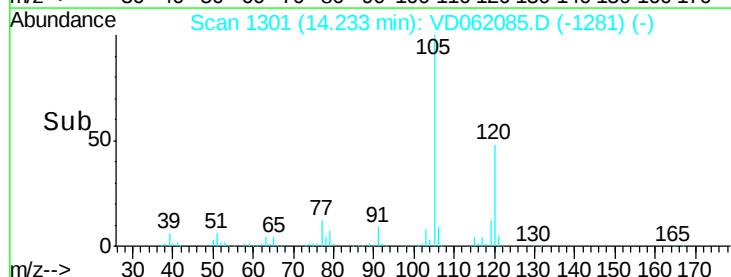
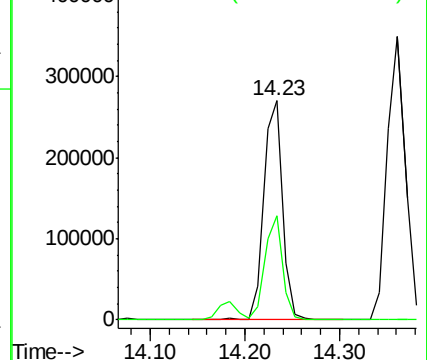
105 100

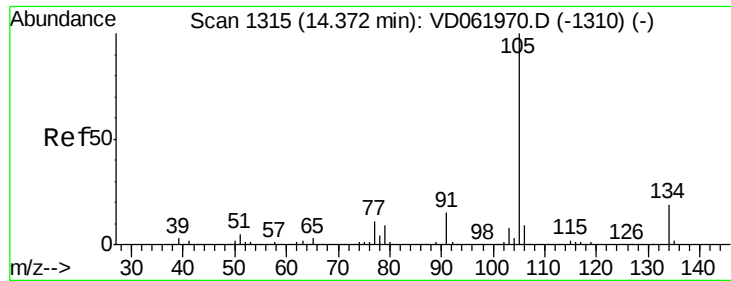
120 47.7 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

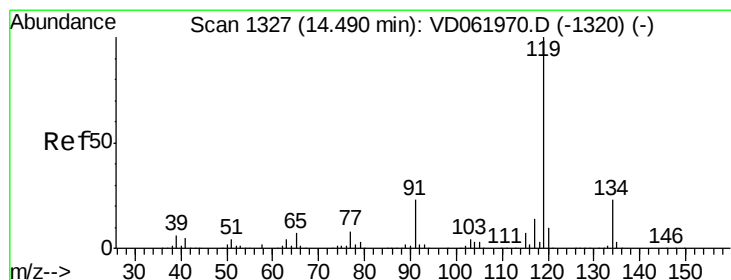
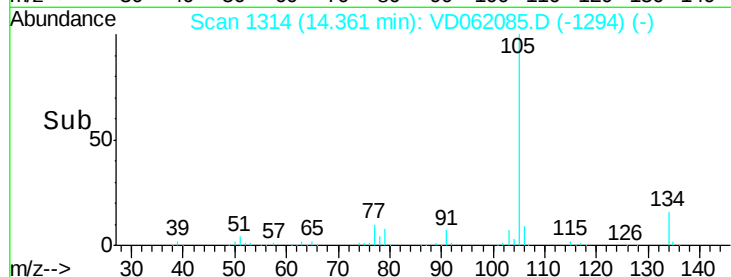
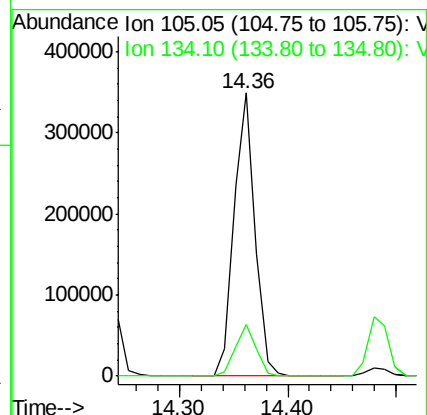
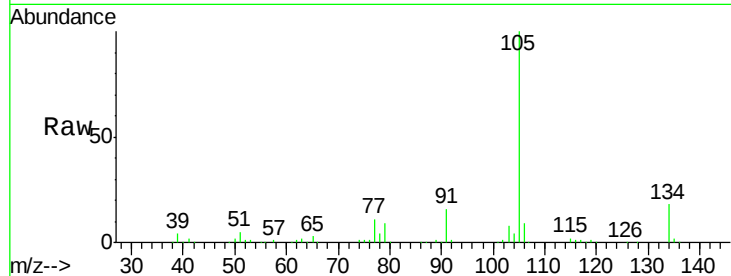




#85  
 sec-Butylbenzene  
 Concen: 20.541 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

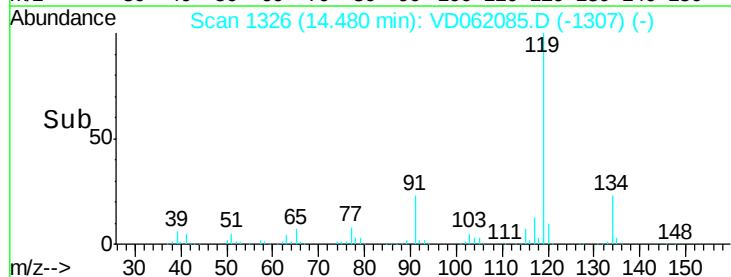
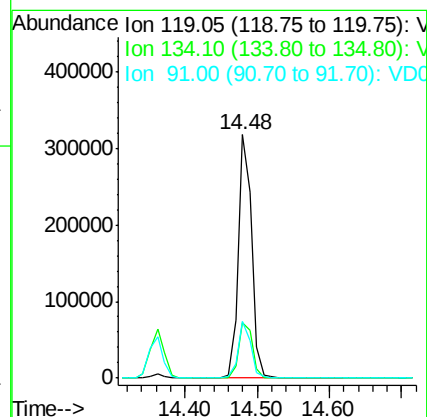
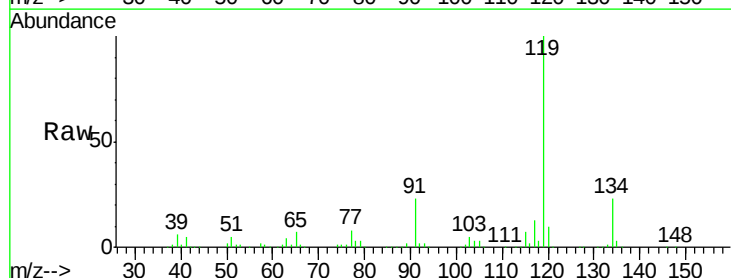
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

Tot Ion:105 Resp: 468949  
 Ion Ratio Lower Upper  
 105 100  
 134 18.1 8.9 26.7



#86  
 p-Isopropyltoluene  
 Concen: 20.006 ug/l  
 RT: 14.48 min Scan# 1326  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion:119 Resp: 408770  
 Ion Ratio Lower Upper  
 119 100  
 134 22.8 12.8 38.3  
 91 23.2 10.7 32.1

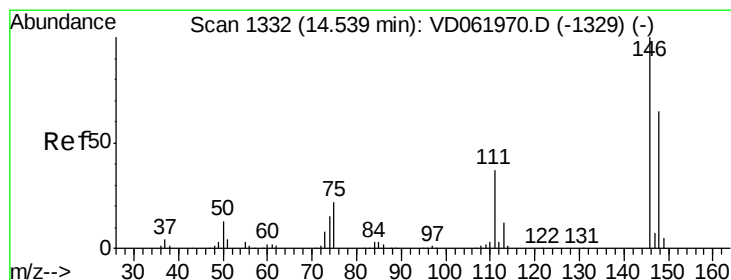
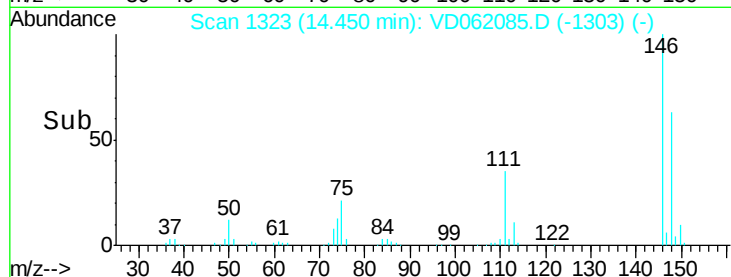
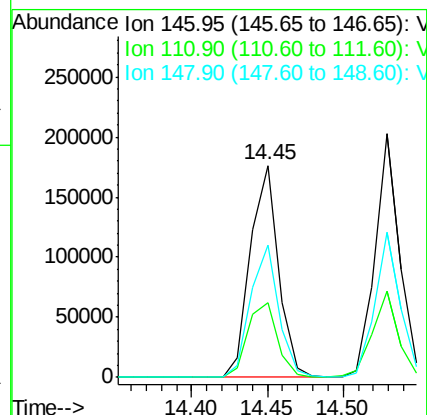
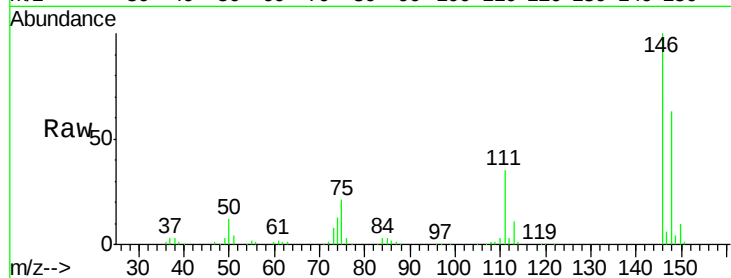




#87  
 1,3-Dichlorobenzene  
 Concen: 19.907 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

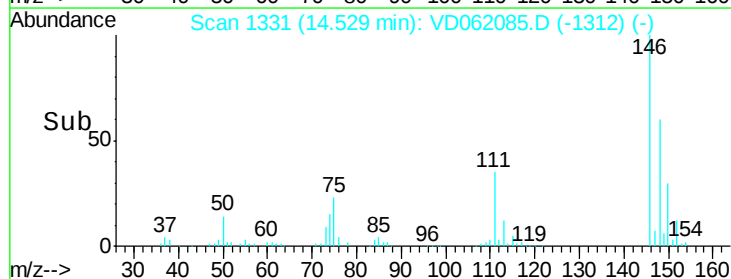
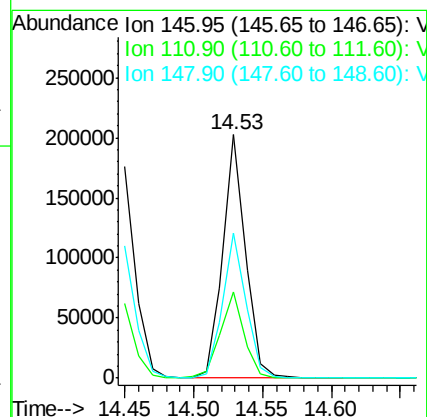
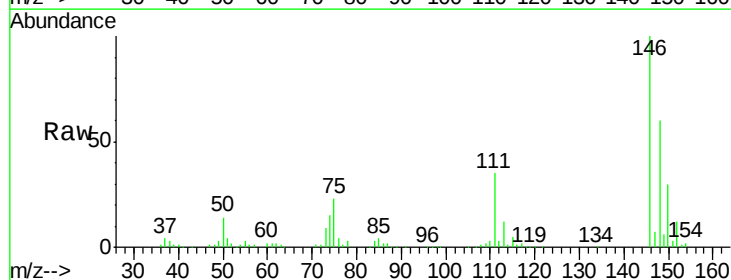
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

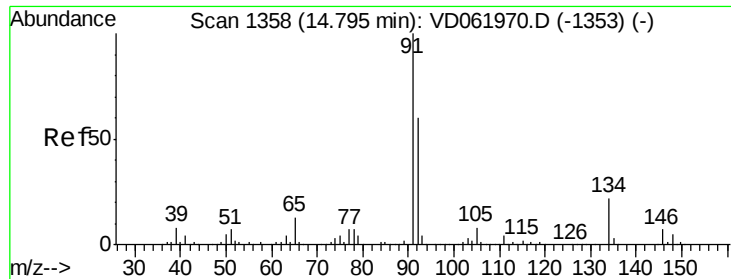
Tot Ion:146 Resp: 228755  
 Ion Ratio Lower Upper  
 146 100  
 111 35.1 20.0 60.0  
 148 62.6 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 21.479 ug/l  
 RT: 14.53 min Scan# 1331  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion:146 Resp: 230819  
 Ion Ratio Lower Upper  
 146 100  
 111 35.5 20.2 60.5  
 148 59.5 32.0 96.2





#89

n-Butylbenzene

Concen: 19.743 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VD062085.D

Acq: 30 Apr 2019 14:11

Instrument :

MSVOA\_D

ClientSampleId :

VD0430SBS01

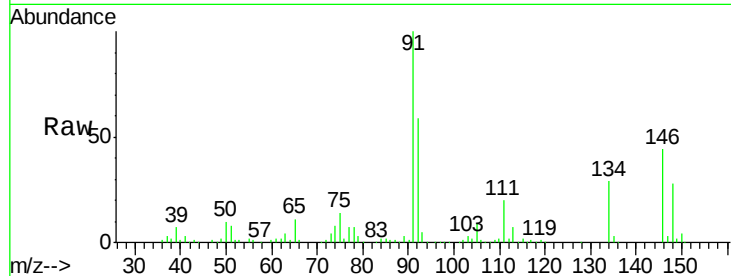
Tot Ion: 91 Resp: 362156

Ion Ratio Lower Upper

91 100

92 59.1 30.3 91.0

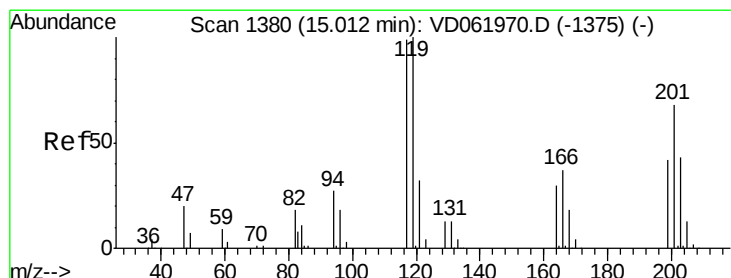
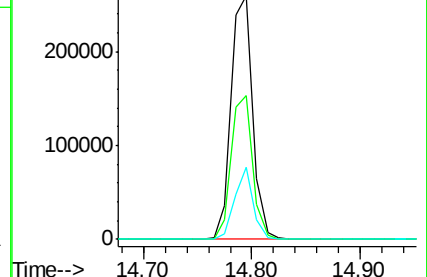
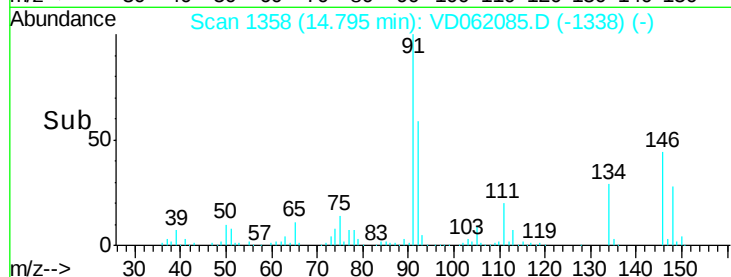
134 29.5 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 19.804 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.01 min

Lab File: VD062085.D

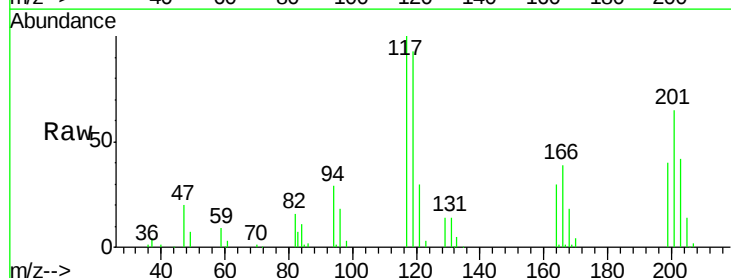
Acq: 30 Apr 2019 14:11

Tgt Ion: 117 Resp: 109418

Ion Ratio Lower Upper

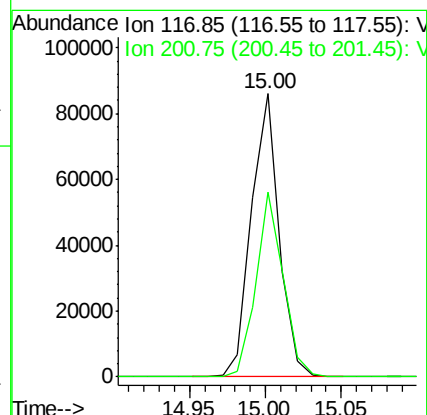
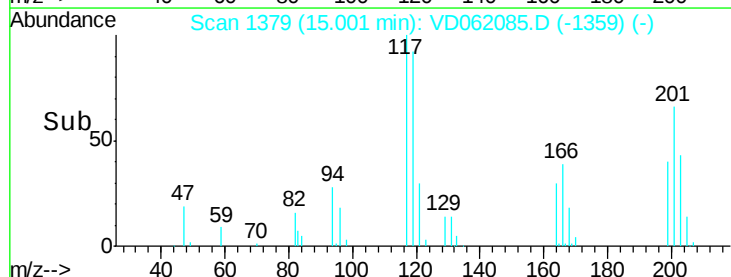
117 100

201 65.2 30.2 90.6



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

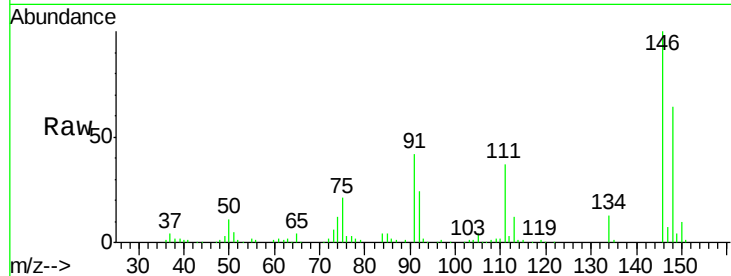




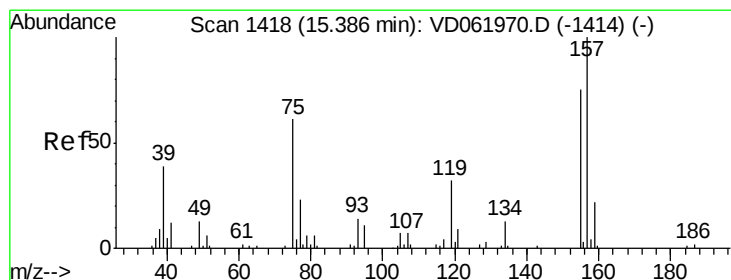
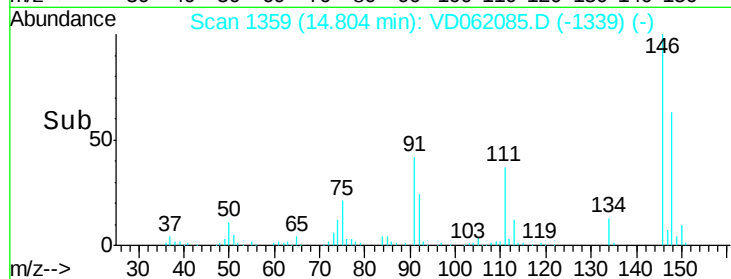
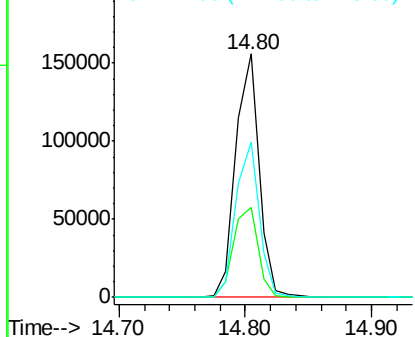
#91  
 1,2-Dichlorobenzene  
 Concen: 21.018 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBSD01

Tot Ion:146 Resp: 199228  
 Ion Ratio Lower Upper  
 146 100  
 111 37.0 20.0 59.9  
 148 63.6 32.3 96.8

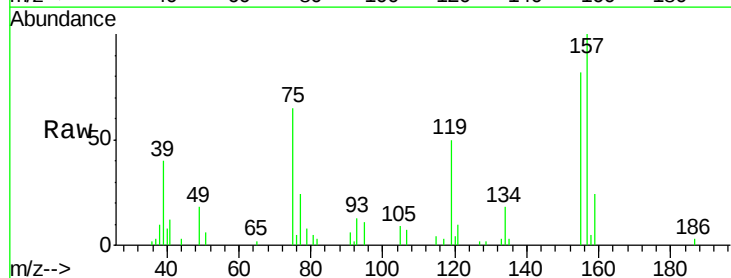


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

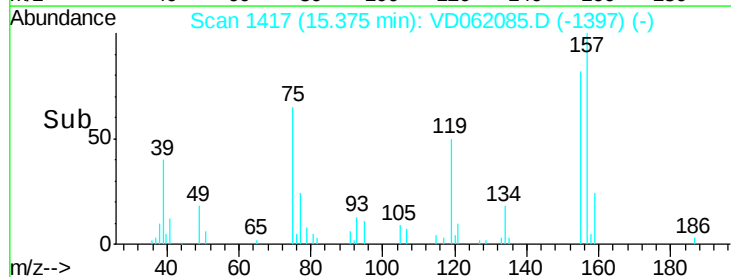
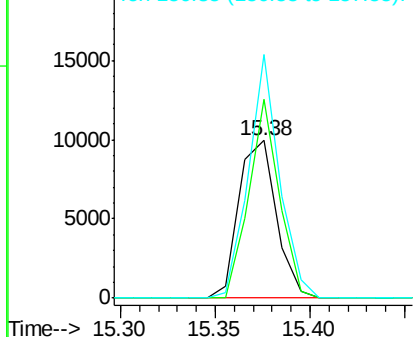


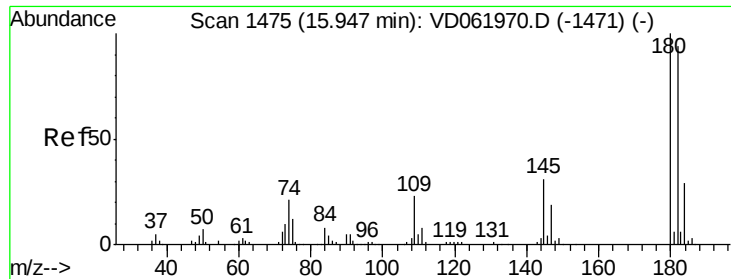
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 22.106 ug/l  
 RT: 15.38 min Scan# 1417  
 Delta R.T. -0.00 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion: 75 Resp: 13611  
 Ion Ratio Lower Upper  
 75 100  
 155 126.1 55.3 165.8  
 157 154.5 67.8 203.2



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

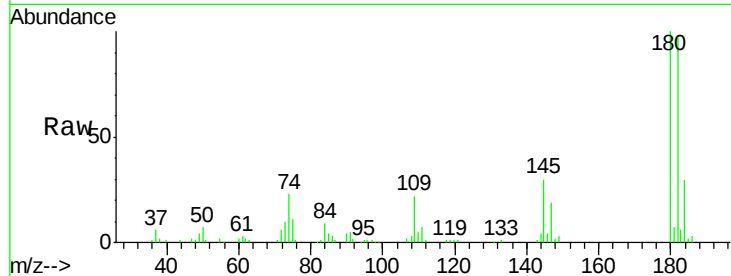




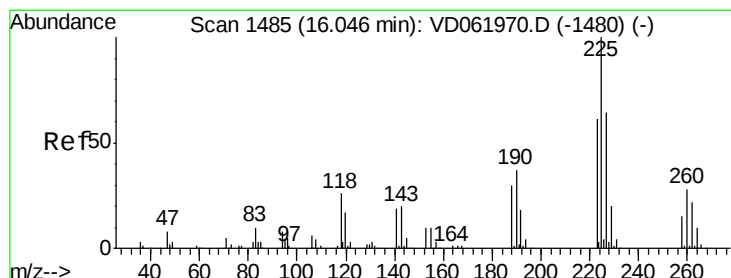
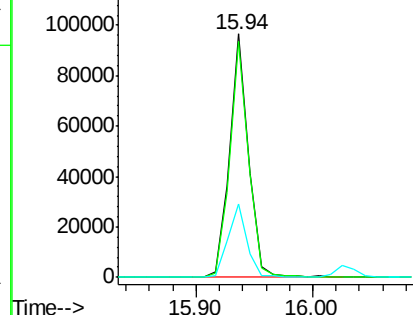
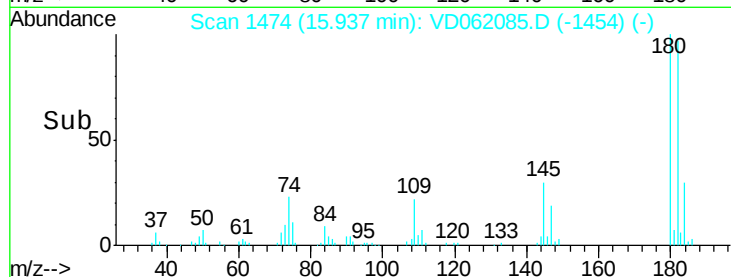
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.228 ug/l  
 RT: 15.94 min Scan# 1474  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0430SBS01

Tot Ion:180 Resp: 108565  
 Ion Ratio Lower Upper  
 180 100  
 182 96.7 49.3 147.8  
 145 30.3 16.2 48.6

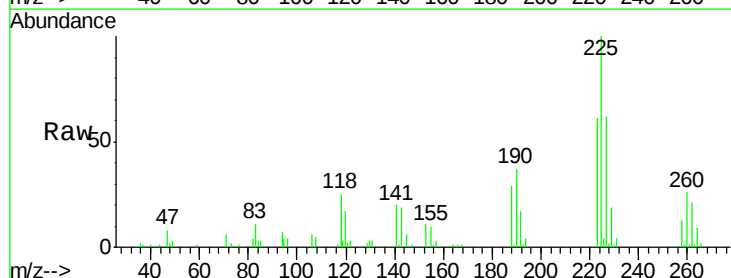


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

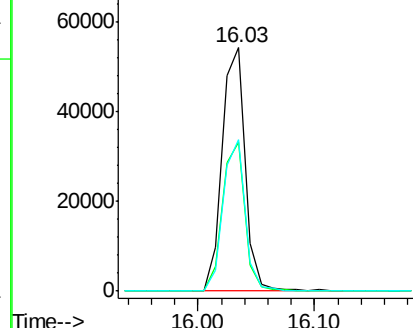
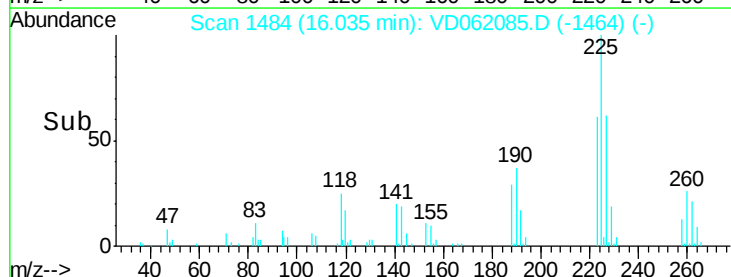


#94  
 Hexachlorobutadiene  
 Concen: 19.617 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: VD062085.D  
 Acq: 30 Apr 2019 14:11

Tgt Ion:225 Resp: 74247  
 Ion Ratio Lower Upper  
 225 100  
 223 61.3 30.6 92.0  
 227 62.2 32.0 96.2



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

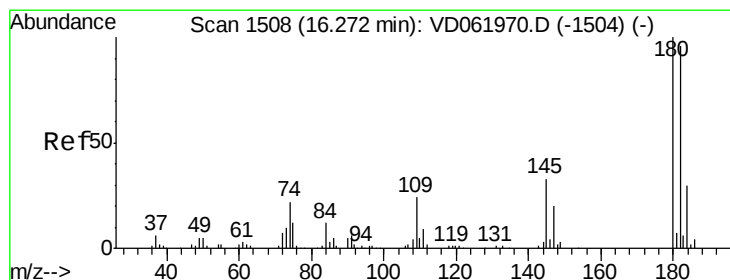
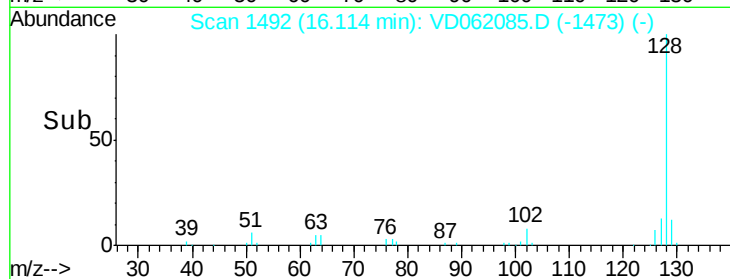
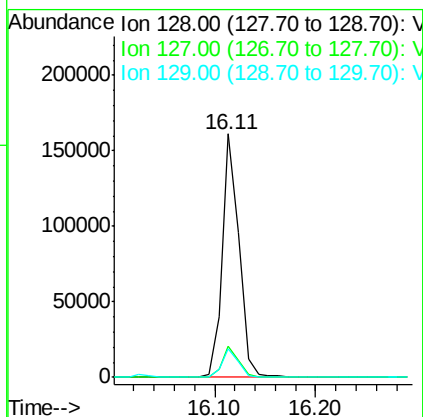
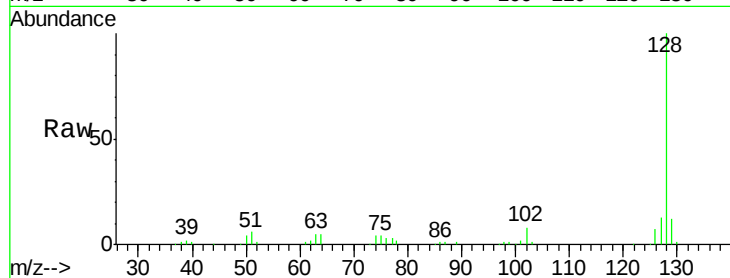




#95  
Naphthalene  
Concen: 22.726 ug/l  
RT: 16.11 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0430SBSD01

Tot Ion:128 Resp: 187666  
Ion Ratio Lower Upper  
128 100  
127 12.6 9.8 14.8  
129 11.7 8.8 13.2



#96  
1,2,3-Trichlorobenzene  
Concen: 21.668 ug/l  
RT: 16.26 min Scan# 1507  
Delta R.T. -0.01 min  
Lab File: VD062085.D  
Acq: 30 Apr 2019 14:11

Tgt Ion:180 Resp: 62875  
Ion Ratio Lower Upper  
180 100  
182 95.9 47.0 141.0  
145 33.4 17.0 51.0

