

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD080719\  
 Data File : VD063418.D  
 Acq On : 7 Aug 2019 12:20  
 Operator : JC/SY  
 Sample : VD0807SBSD01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

Quant Time: Aug 08 08:05:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.06  | 168  | 967195   | 50.00 | ug/l  | 0.02     |
| 34) 1,4-Difluorobenzene    | 8.23  | 114  | 1329931  | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 12.37 | 117  | 1078225  | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 14.53 | 152  | 627005   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 7.46   | 65  | 601751   | 56.07 | ug/l    | 0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 112.14% |      |
| 35) Dibromofluoromethane    | 6.94   | 113 | 630271   | 55.51 | ug/l    | 0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 111.02% |      |
| 50) Toluene-d8              | 10.41  | 98  | 1342063  | 52.81 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.62% |      |
| 62) 4-Bromofluorobenzene    | 13.56  | 95  | 596484   | 51.51 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 103.02% |      |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 257257  | 21.760  | ug/l   | 96     |
| 3) Chloromethane              | 1.75 | 50  | 195079  | 21.238  | ug/l # | 86     |
| 4) Vinyl Chloride             | 1.85 | 62  | 205559  | 21.617  | ug/l   | 91     |
| 5) Bromomethane               | 2.15 | 94  | 86442   | 18.024  | ug/l   | 97     |
| 6) Chloroethane               | 2.25 | 64  | 83782   | 19.084  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 394209  | 21.369  | ug/l   | 92     |
| 8) Diethyl Ether              | 2.87 | 74  | 54363   | 21.056  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.15 | 101 | 218897  | 21.421  | ug/l   | 93     |
| 10) Methyl Iodide             | 3.30 | 142 | 275984  | 18.695  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 4.09 | 59  | 47712   | 101.306 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 3.13 | 96  | 175693  | 23.420  | ug/l   | 82     |
| 13) Acrolein                  | 3.04 | 56  | 31492   | 69.478  | ug/l   | 93     |
| 14) Allyl chloride            | 3.62 | 41  | 253447  | 21.207  | ug/l   | 89     |
| 15) Acrylonitrile             | 4.21 | 53  | 126655  | 103.728 | ug/l   | 93     |
| 16) Acetone                   | 3.23 | 43  | 218537  | 104.513 | ug/l   | 94     |
| 17) Carbon Disulfide          | 3.37 | 76  | 497627  | 19.818  | ug/l   | 96     |
| 18) Methyl Acetate            | 3.65 | 43  | 91467   | 22.773  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 4.25 | 73  | 355431  | 20.975  | ug/l   | 94     |
| 20) Methylene Chloride        | 3.82 | 84  | 170498  | 20.172  | ug/l   | 93     |
| 21) trans-1,2-Dichloroethene  | 4.22 | 96  | 178003  | 21.147  | ug/l   | 95     |
| 22) Diisopropyl ether         | 5.13 | 45  | 503705  | 21.096  | ug/l   | 97     |
| 23) Vinyl Acetate             | 5.07 | 43  | 1520844 | 103.621 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.99 | 63  | 338482  | 22.194  | ug/l   | 94     |
| 25) 2-Butanone                | 6.08 | 43  | 228088  | 108.691 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.03 | 77  | 344349  | 21.909  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 6.04 | 96  | 194325  | 21.532  | ug/l   | 99     |
| 28) Bromochloromethane        | 6.45 | 49  | 134966  | 22.211  | ug/l # | 100    |
| 29) Tetrahydrofuran           | 6.46 | 42  | 107948  | 108.651 | ug/l   | 98     |
| 30) Chloroform                | 6.67 | 83  | 394933  | 20.866  | ug/l   | 96     |
| 31) Cyclohexane               | 6.96 | 56  | 190174  | 19.894  | ug/l # | 83     |
| 32) 1,1,1-Trichloroethane     | 6.88 | 97  | 404406  | 22.090  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 7.15 | 75  | 268142  | 22.092  | ug/l   | 94     |
| 37) Ethyl Acetate             | 6.19 | 43  | 118899  | 21.805  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 390324  | 21.362  | ug/l   | 96     |

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 Sample : VD0807SBSD01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

Quant Time: Aug 08 08:05:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jul 30 03:04:50 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.88  | 83   | 201452   | 19.921  | ug/l   | 90       |
| 40) Benzene                    | 7.46  | 78   | 561325   | 22.067  | ug/l   | 100      |
| 41) Methacrylonitrile          | 6.46  | 41   | 138132   | 21.177  | ug/l # | 80       |
| 42) 1,2-Dichloroethane         | 7.59  | 62   | 277031   | 20.549  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.25  | 43   | 143788   | 20.643  | ug/l # | 95       |
| 44) Trichloroethene            | 8.54  | 130  | 219514   | 21.296  | ug/l   | 93       |
| 45) 1,2-Dichloropropane        | 8.95  | 63   | 135455   | 20.950  | ug/l   | 97       |
| 46) Dibromomethane             | 9.07  | 93   | 117447   | 21.846  | ug/l   | 87       |
| 47) Bromodichloromethane       | 9.39  | 83   | 294664   | 21.502  | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.13  | 41   | 101266   | 22.416  | ug/l   | 87       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 17417    | 452.878 | ug/l # | 75       |
| 51) 4-Methyl-2-Pentanone       | 10.31 | 43   | 527001   | 111.251 | ug/l   | 100      |
| 52) Toluene                    | 10.52 | 92   | 344882   | 20.385  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.92 | 75   | 250834   | 21.231  | ug/l   | 91       |
| 54) cis-1,3-Dichloropropene    | 10.05 | 75   | 265187   | 21.357  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.20 | 97   | 126112   | 22.071  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.05 | 69   | 136772   | 21.859  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.42 | 76   | 186433   | 20.708  | ug/l # | 86       |
| 58) 2-Chloroethyl Vinyl ether  | 9.86  | 63   | 339787   | 104.365 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.53 | 43   | 392375   | 114.941 | ug/l   | 95       |
| 60) Dibromochloromethane       | 11.69 | 129  | 230690   | 21.386  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.81 | 107  | 144019   | 20.426  | ug/l   | 92       |
| 64) Tetrachloroethene          | 11.27 | 164  | 196926   | 22.926  | ug/l   | 93       |
| 65) Chlorobenzene              | 12.40 | 112  | 442829   | 21.352  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.52 | 131  | 204841   | 22.423  | ug/l   | 99       |
| 67) Ethyl Benzene              | 12.53 | 91   | 821232   | 23.310  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.67 | 106  | 558787   | 43.249  | ug/l   | 92       |
| 69) o-Xylene                   | 13.05 | 106  | 253562   | 21.371  | ug/l   | 96       |
| 70) Styrene                    | 13.08 | 104  | 451111   | 21.439  | ug/l   | 99       |
| 71) Bromoform                  | 13.24 | 173  | 150555   | 22.662  | ug/l # | 98       |
| 73) Isopropylbenzene           | 13.41 | 105  | 818290   | 20.794  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.27 | 43   | 216190   | 20.781  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 149117   | 22.307  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.74 | 75   | 154386   | 20.500  | ug/l   | 98       |
| 77) Bromobenzene               | 13.67 | 156  | 231694   | 20.668  | ug/l   | 92       |
| 78) n-propylbenzene            | 13.78 | 91   | 1000116  | 21.356  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 13.85 | 91   | 542319   | 19.986  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 13.94 | 105  | 725536   | 21.376  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 41916    | 20.044  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 681366   | 21.336  | ug/l   | 90       |
| 83) tert-Butylbenzene          | 14.19 | 119  | 812984   | 20.978  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 14.24 | 105  | 695073   | 19.799  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 14.37 | 105  | 846918   | 20.742  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 14.50 | 119  | 809468   | 20.771  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 350967   | 17.678  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 395504   | 19.701  | ug/l   | 97       |
| 89) n-Butylbenzene             | 14.80 | 91   | 691090   | 20.532  | ug/l   | 99       |
| 90) Hexachloroethane           | 15.01 | 117  | 204024   | 20.094  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 14.81 | 146  | 349520   | 20.207  | ug/l   | 94       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.38 | 75   | 26557    | 19.504  | ug/l   | 91       |

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Operator : JC/SY  
Sample : VD0807SBSD01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 5 Sample Multiplier: 1

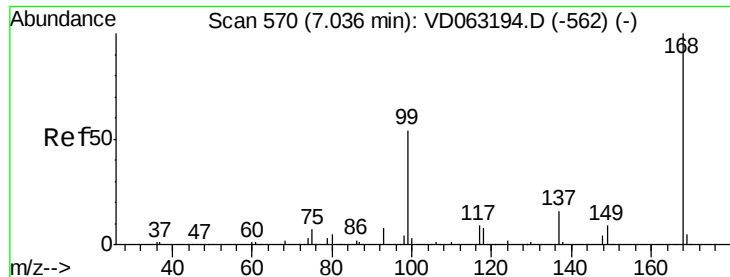
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

Quant Time: Aug 08 08:05:27 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D072919S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jul 30 03:04:50 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 283476   | 20.658 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 16.04 | 225  | 207532   | 20.870 | ug/l  | 96       |
| 95) Naphthalene            | 16.13 | 128  | 395093   | 20.371 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 214437   | 19.781 | ug/l  | 94       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

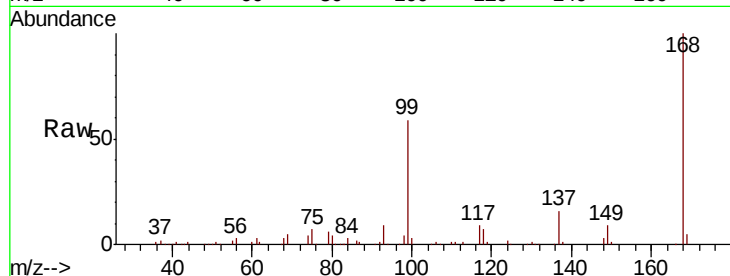
VD0807SBSD01

Tgt Ion:168 Resp: 967195

Ion Ratio Lower Upper

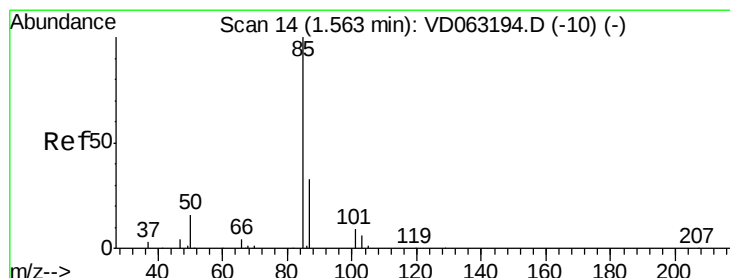
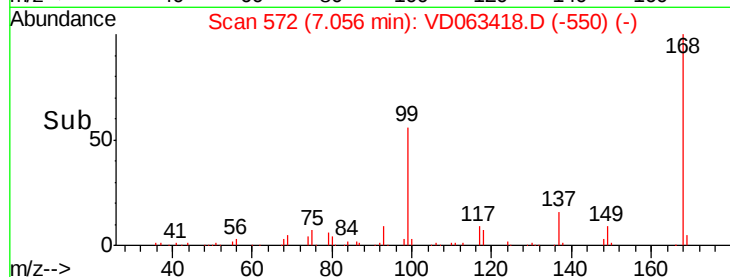
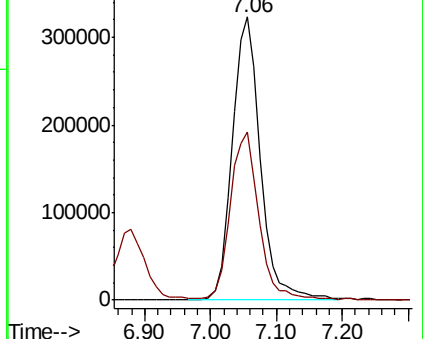
168 100

99 59.3 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.760 ug/l

RT: 1.57 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD063418.D

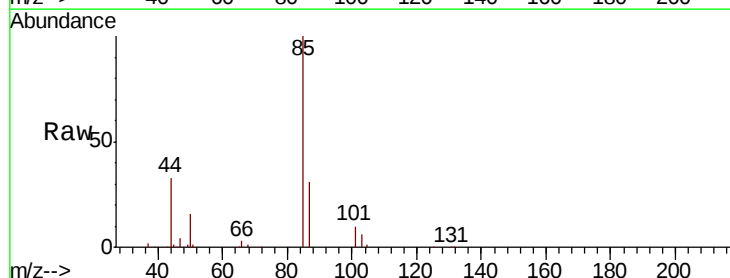
Acq: 7 Aug 2019 12:20

Tgt Ion: 85 Resp: 257257

Ion Ratio Lower Upper

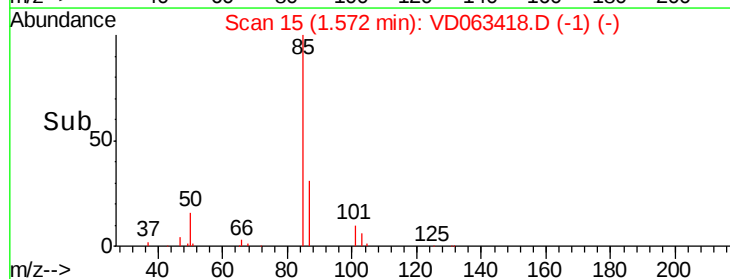
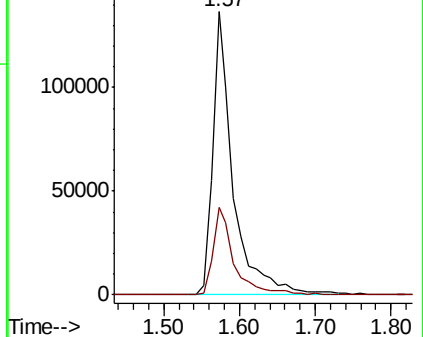
85 100

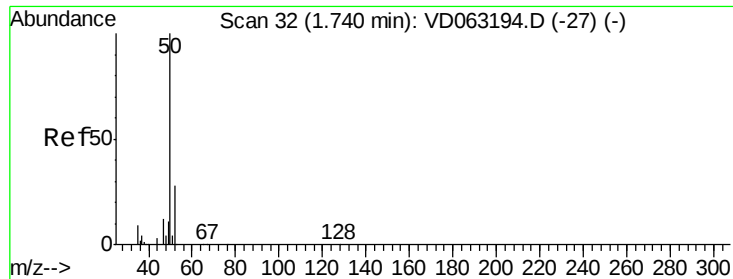
87 30.9 16.6 49.7



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 21.238 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

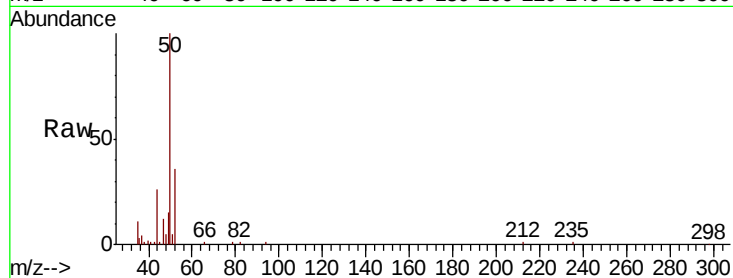
VD0807SBSD01

Tgt Ion: 50 Resp: 195079

Ion Ratio Lower Upper

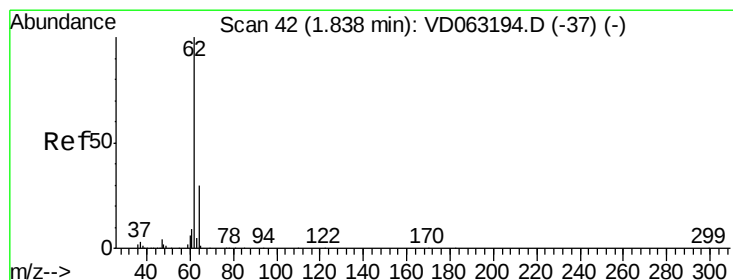
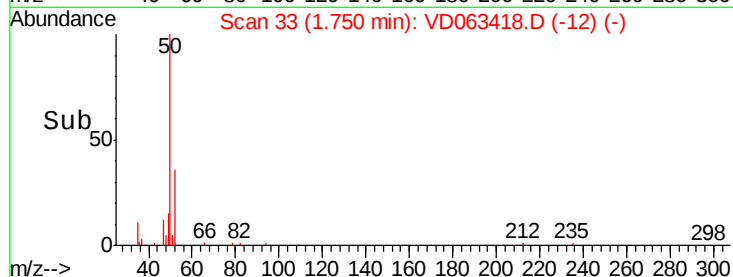
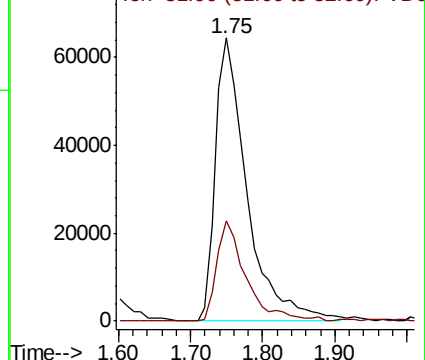
50 100

52 35.5 22.6 34.0#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 21.617 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD063418.D

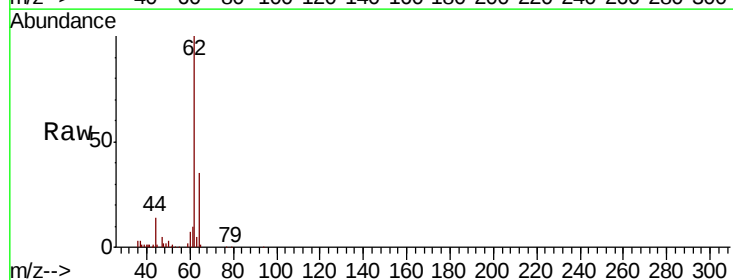
Acq: 7 Aug 2019 12:20

Tgt Ion: 62 Resp: 205559

Ion Ratio Lower Upper

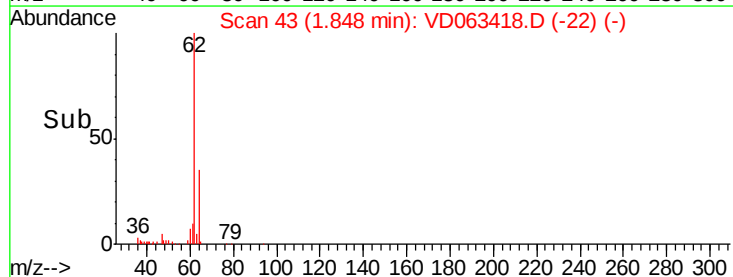
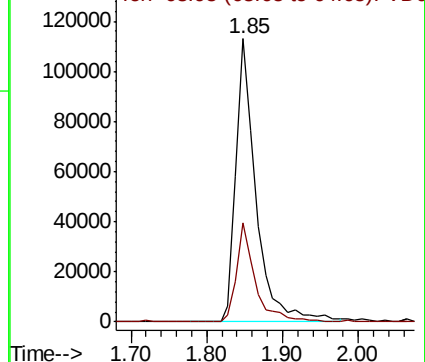
62 100

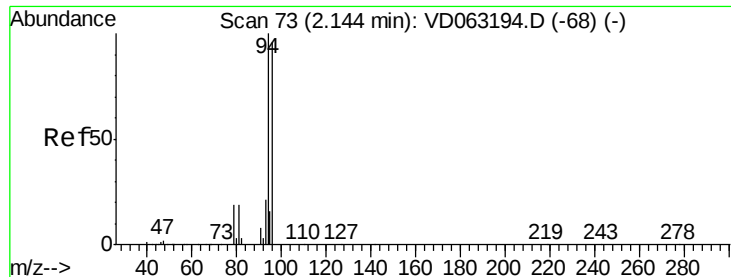
64 35.0 24.1 36.1



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.024 ug/l

RT: 2.15 min Scan# 74

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

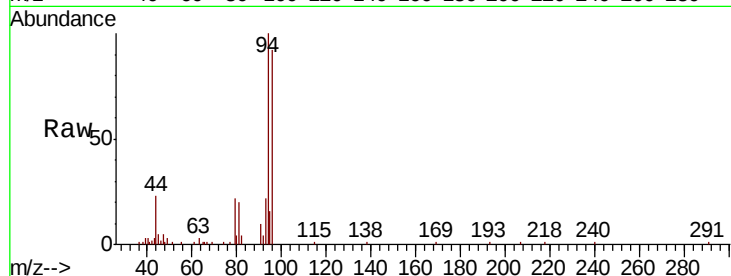
Tgt Ion: 94 Resp: 86442

Ion Ratio Lower Upper

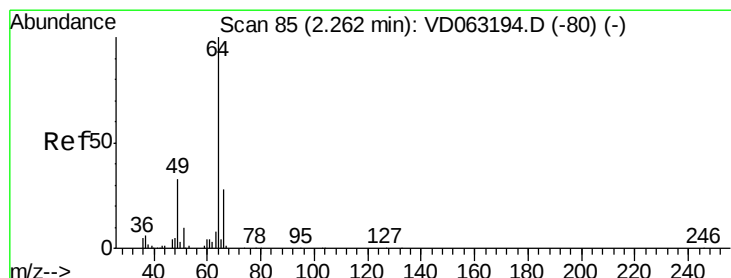
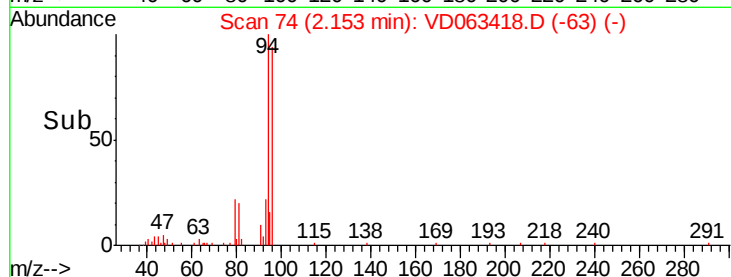
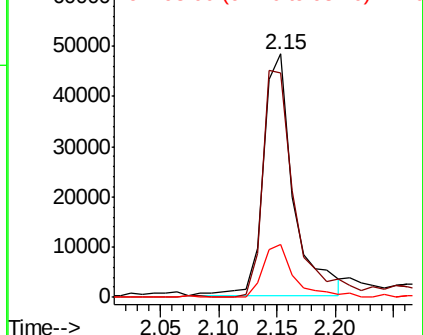
94 100

96 92.1 76.4 114.6

93 22.0 17.3 25.9



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: 19.084 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD063418.D

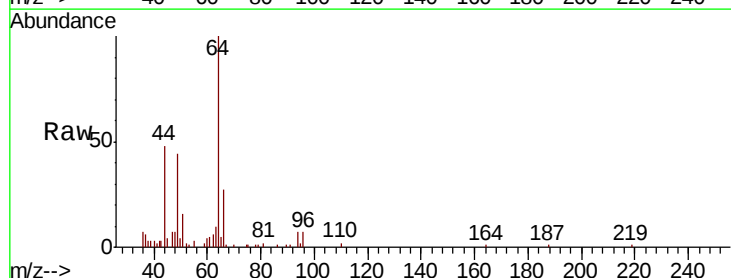
Acq: 7 Aug 2019 12:20

Tgt Ion: 64 Resp: 83782

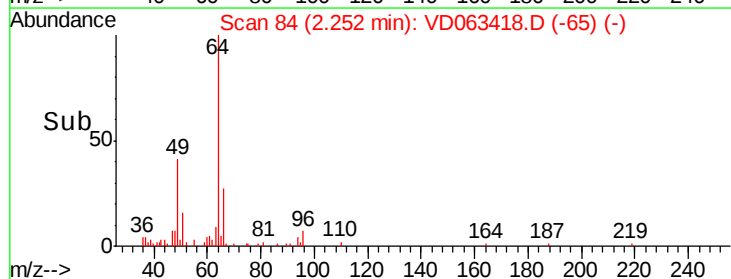
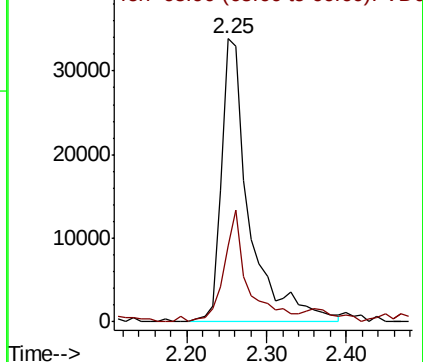
Ion Ratio Lower Upper

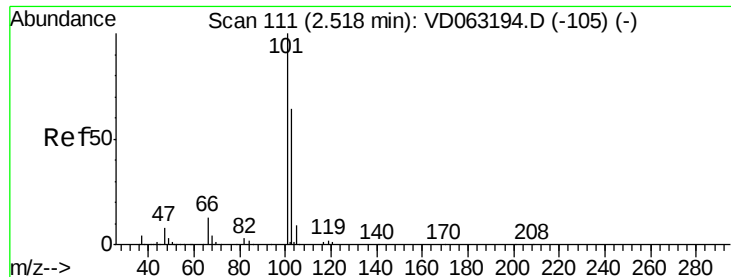
64 100

66 27.0 22.2 33.2



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



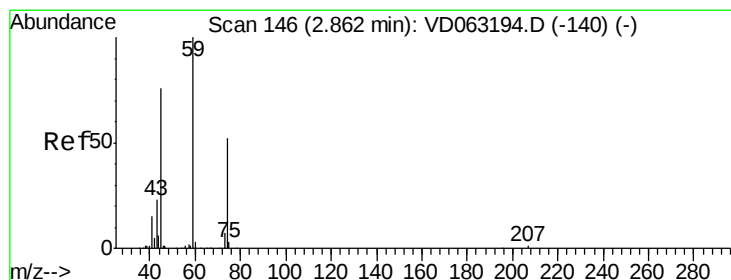
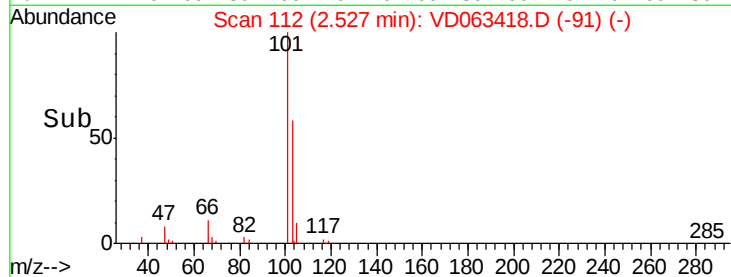
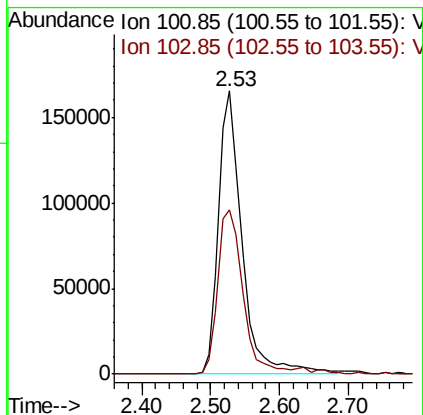
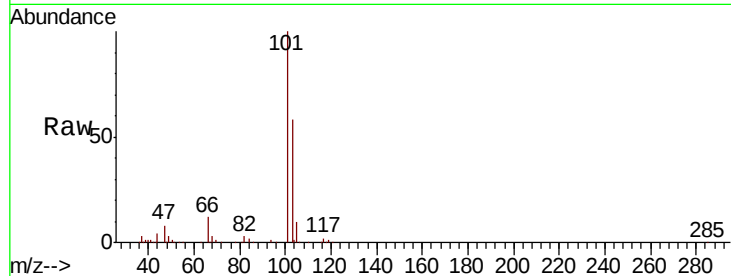


#7

Trichlorofluoromethane  
 Concen: 21.369 ug/l  
 RT: 2.53 min Scan# 112  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

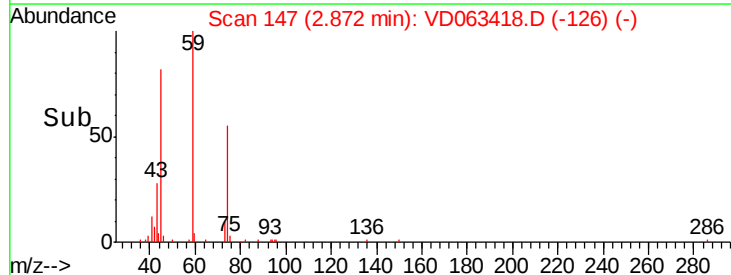
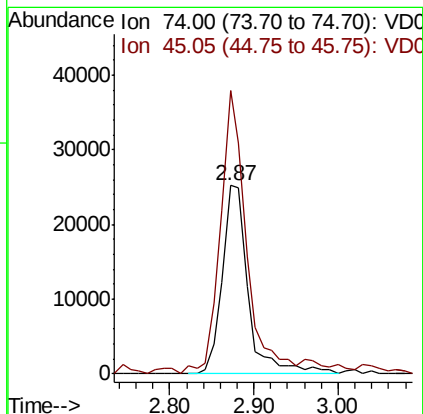
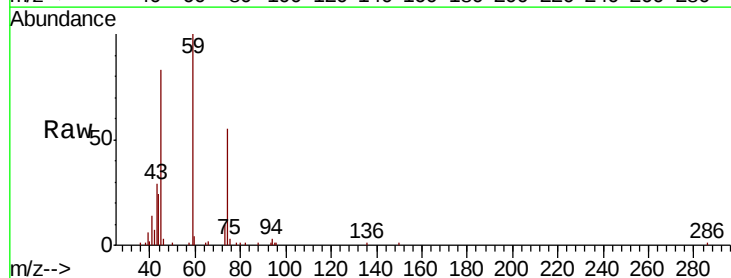
Tgt Ion:101 Resp: 394209  
 Ion Ratio Lower Upper  
 101 100  
 103 58.3 51.5 77.3

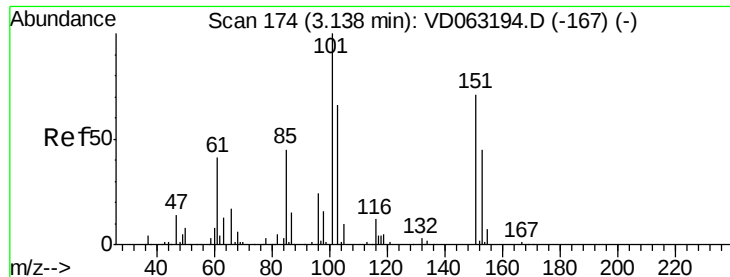


#8

Diethyl Ether  
 Concen: 21.056 ug/l  
 RT: 2.87 min Scan# 147  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion: 74 Resp: 54363  
 Ion Ratio Lower Upper  
 74 100  
 45 150.3 73.6 220.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.421 ug/l

RT: 3.15 min Scan# 175

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

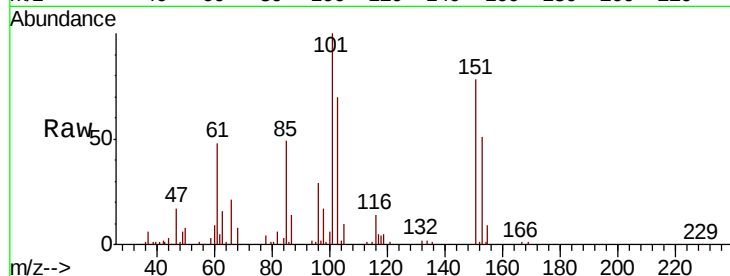
Tgt Ion:101 Resp: 218897

Ion Ratio Lower Upper

101 100

85 49.4 36.1 54.1

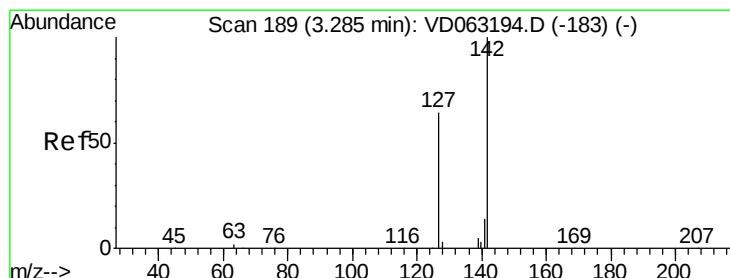
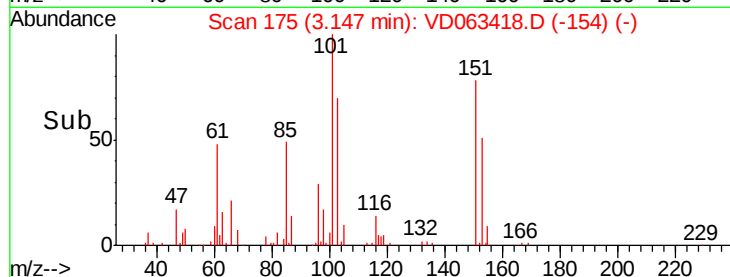
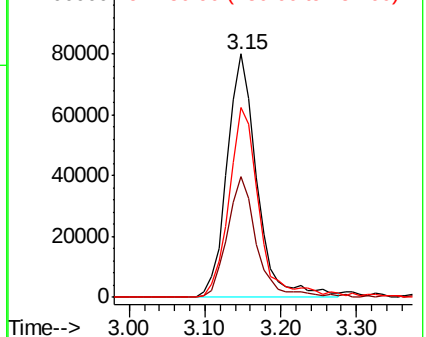
151 77.8 57.1 85.7



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: 18.695 ug/l

RT: 3.30 min Scan# 191

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

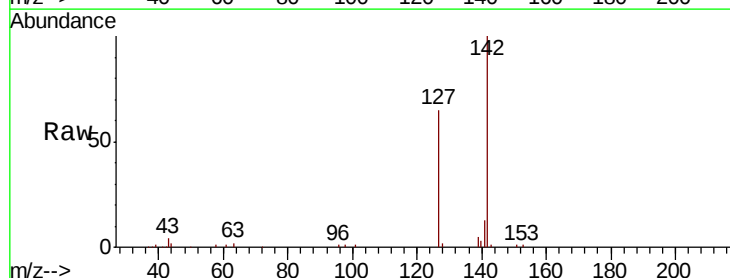
Tgt Ion:142 Resp: 275984

Ion Ratio Lower Upper

142 100

127 65.2 50.8 76.2

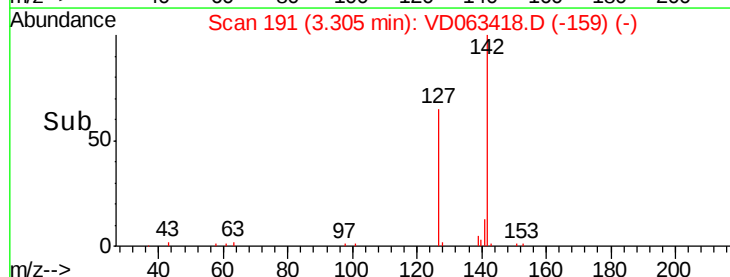
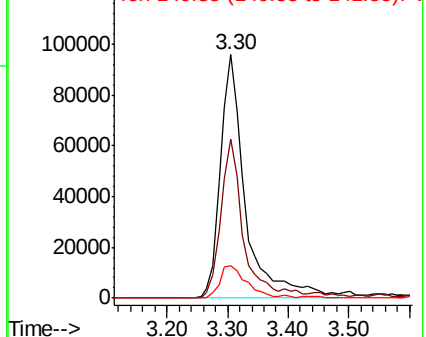
141 13.5 11.4 17.2

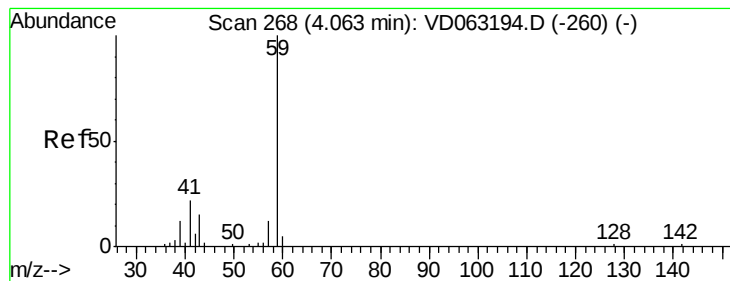


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



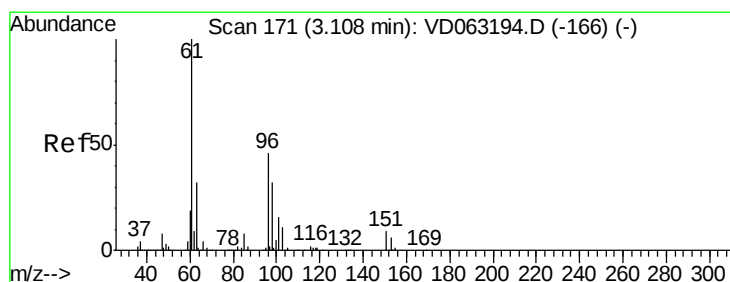
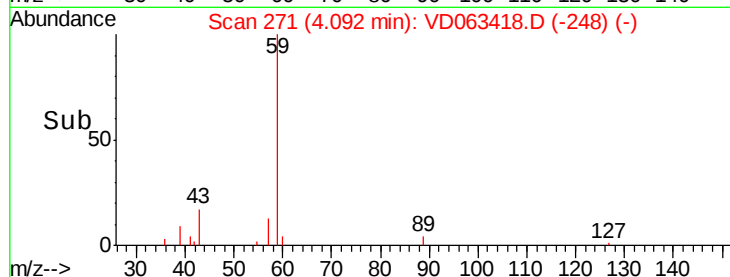
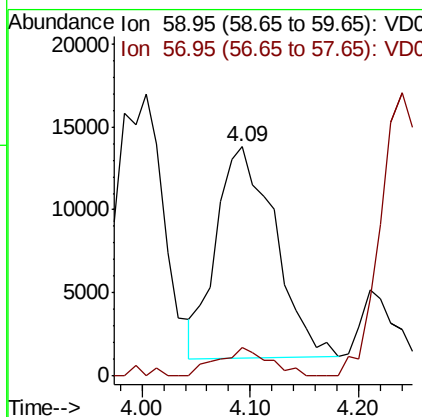
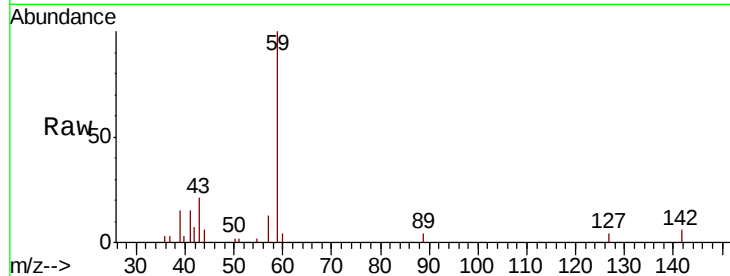


#11

Tert butyl alcohol  
Concen: 101.306 ug/l  
RT: 4.09 min Scan# 271  
Delta R.T. 0.03 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

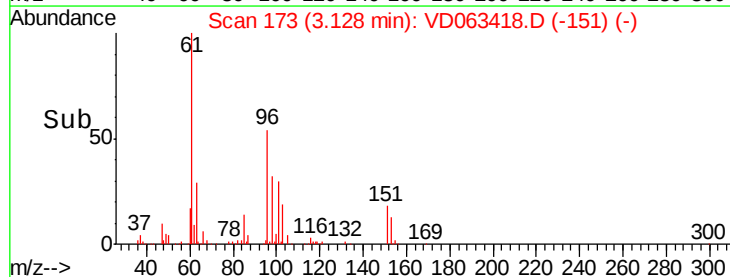
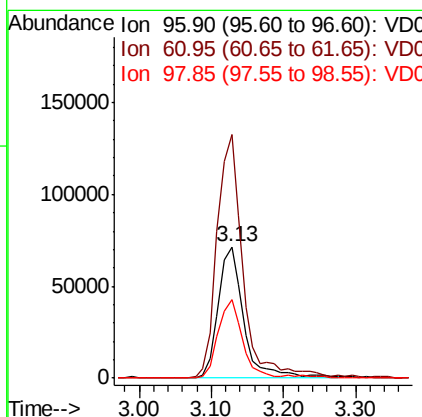
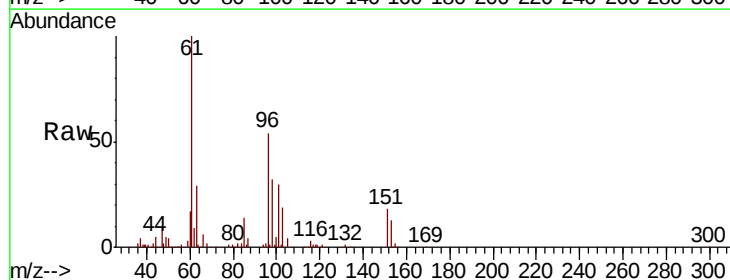
Tgt Ion: 59 Resp: 47712  
Ion Ratio Lower Upper  
59 100  
57 12.6 9.6 14.4

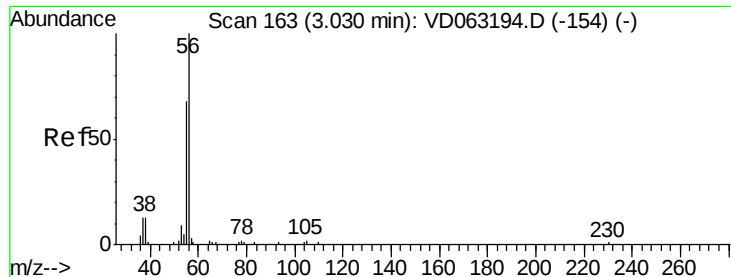


#12

1,1-Dichloroethene  
Concen: 23.420 ug/l  
RT: 3.13 min Scan# 173  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 96 Resp: 175693  
Ion Ratio Lower Upper  
96 100  
61 185.4 173.7 260.5  
98 60.2 55.8 83.8





#13

Acrolein

Concen: 69.478 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

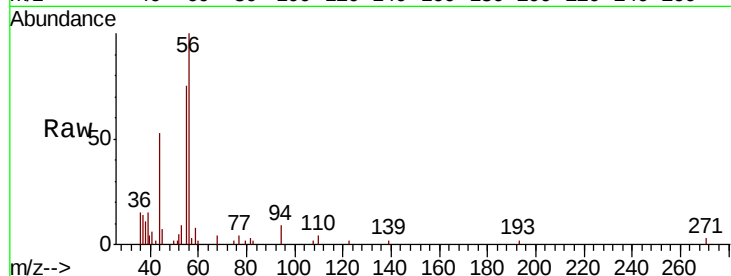
VD0807SBS01

Tgt Ion: 56 Resp: 31492

Ion Ratio Lower Upper

56 100

55 74.8 55.3 82.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

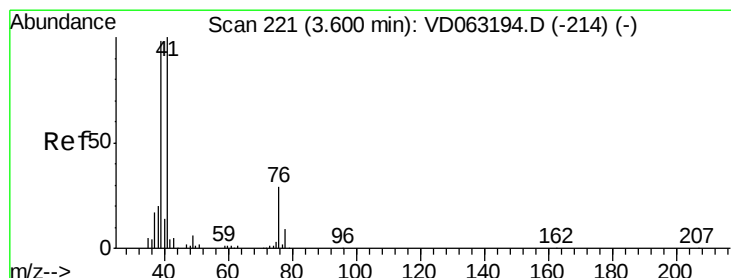
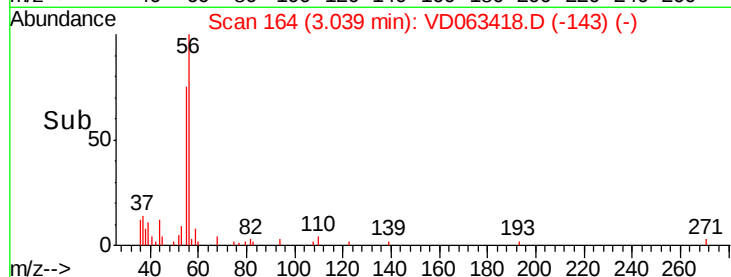
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 21.207 ug/l

RT: 3.62 min Scan# 223

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

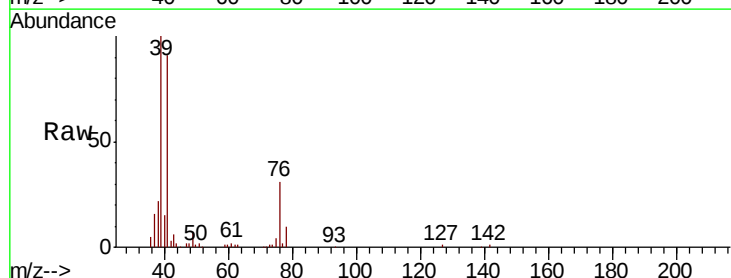
Tgt Ion: 41 Resp: 253447

Ion Ratio Lower Upper

41 100

39 110.1 78.6 117.8

76 34.3 24.5 36.7



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

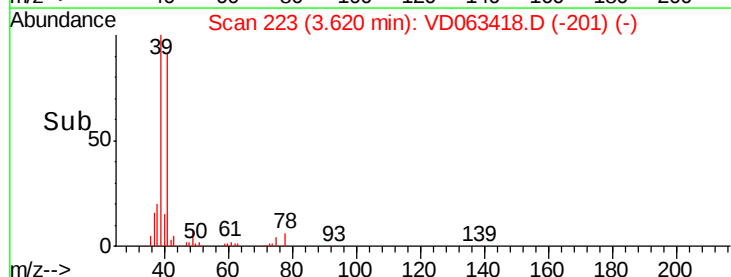
150000

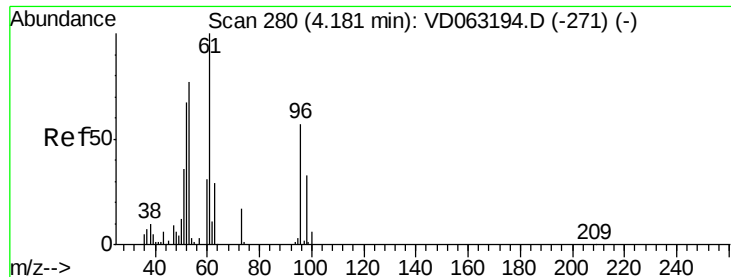
100000

50000

0

Time-->





#15

Acrylonitrile

Concen: 103.728 ug/l

RT: 4.21 min Scan# 283

Delta R.T. 0.03 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

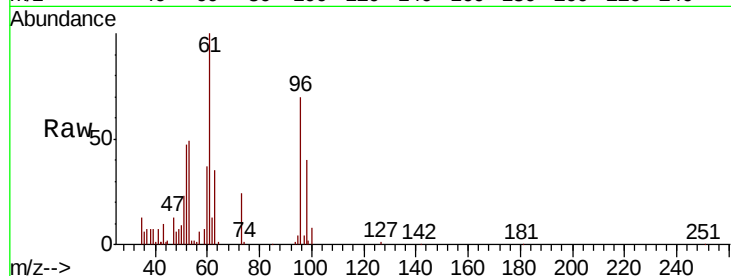
Tgt Ion: 53 Resp: 126655

Ion Ratio Lower Upper

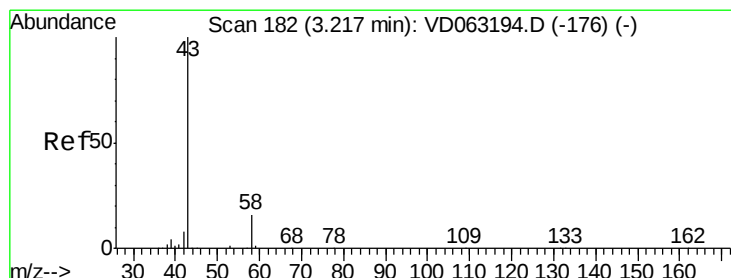
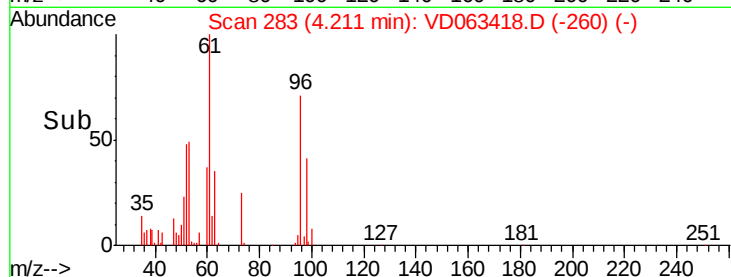
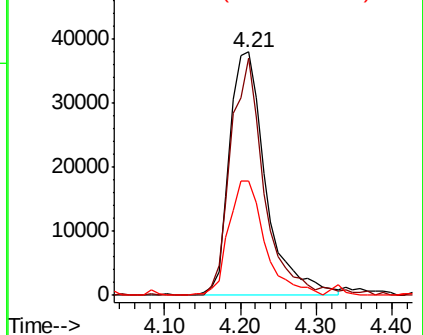
53 100

52 97.2 69.7 104.5

51 46.9 37.4 56.0



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



#16

Acetone

Concen: 104.513 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063418.D

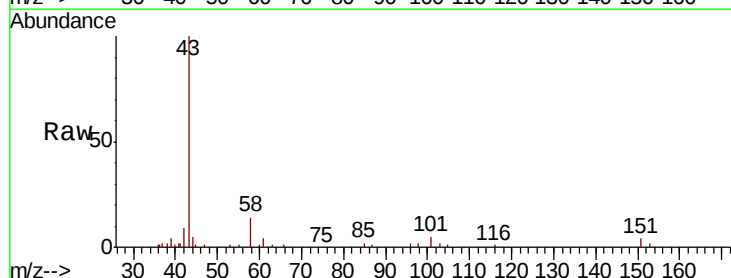
Acq: 7 Aug 2019 12:20

Tgt Ion: 43 Resp: 218537

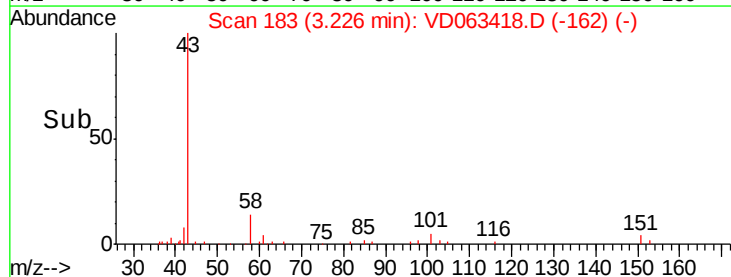
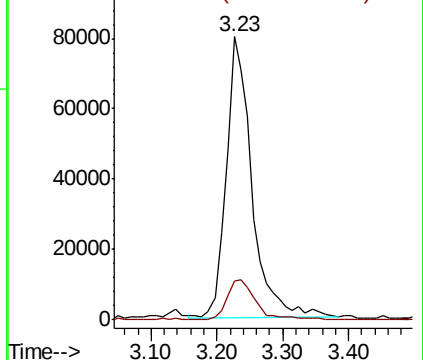
Ion Ratio Lower Upper

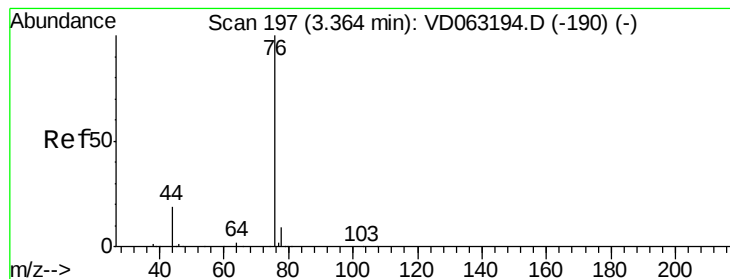
43 100

58 13.6 13.0 19.4



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





#17

Carbon Disulfide

Concen: 19.818 ug/l

RT: 3.37 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

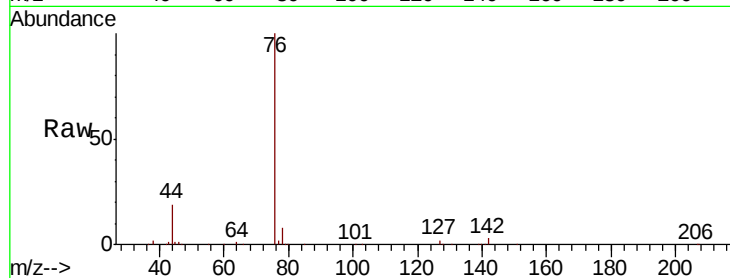
VD0807SBSD01

Tgt Ion: 76 Resp: 497627

Ion Ratio Lower Upper

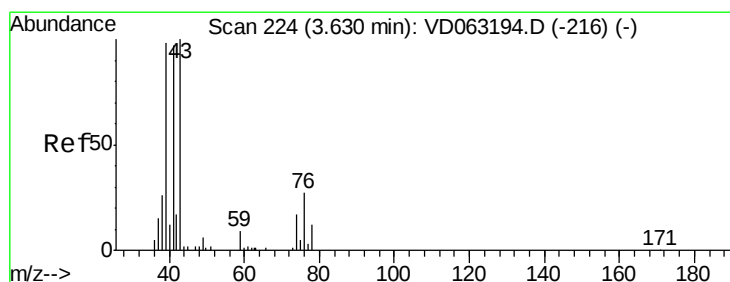
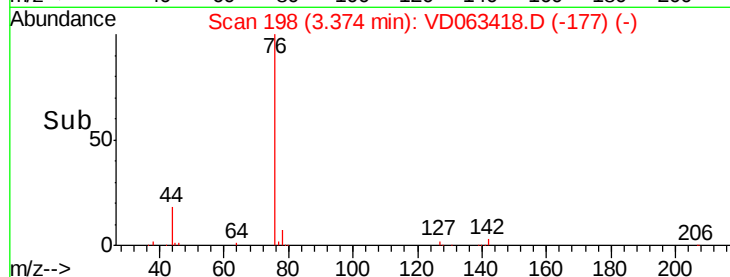
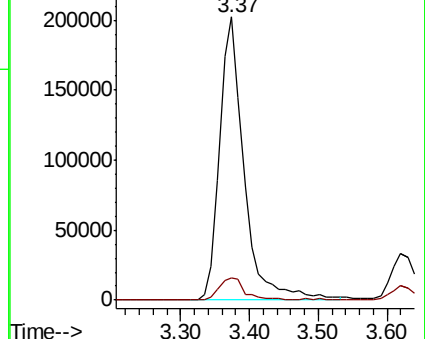
76 100

78 7.8 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 22.773 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.02 min

Lab File: VD063418.D

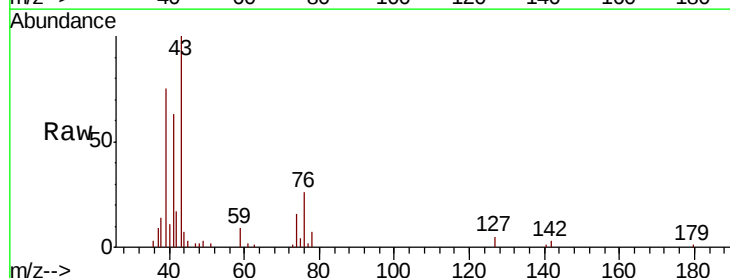
Acq: 7 Aug 2019 12:20

Tgt Ion: 43 Resp: 91467

Ion Ratio Lower Upper

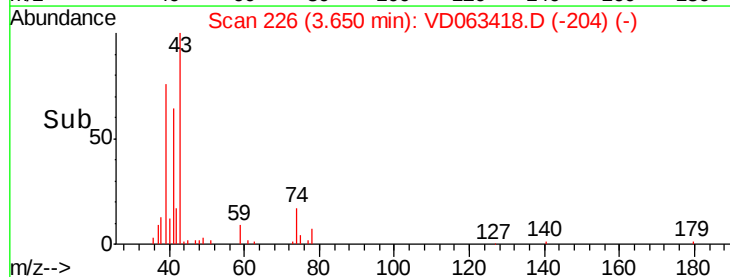
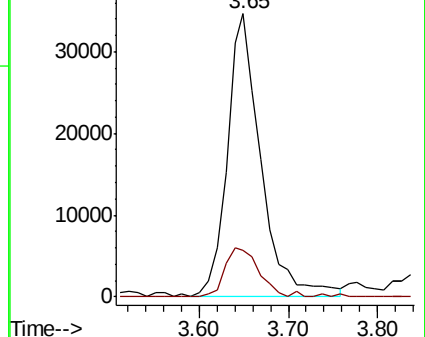
43 100

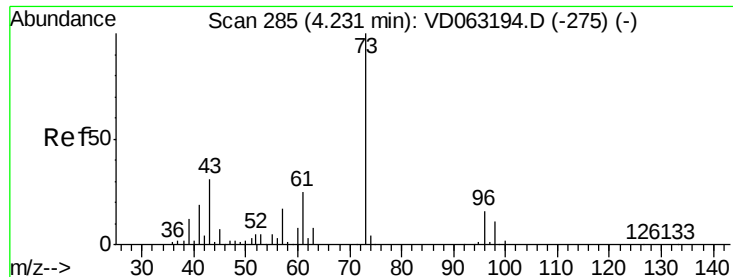
74 16.3 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

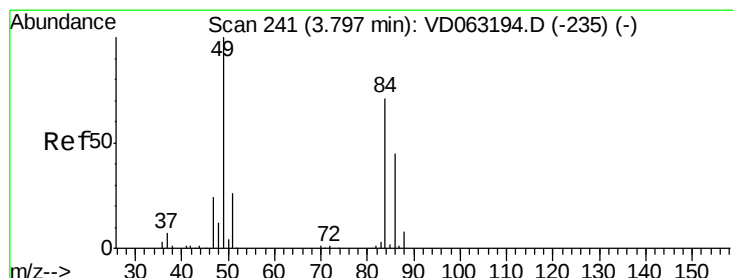
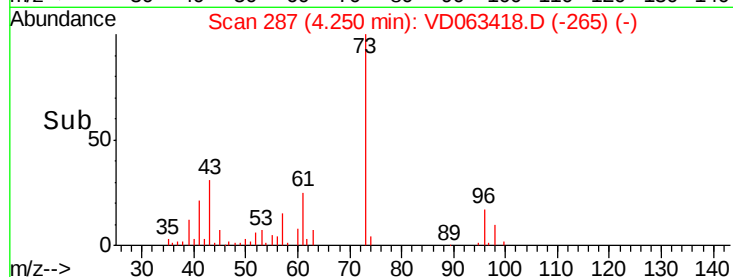
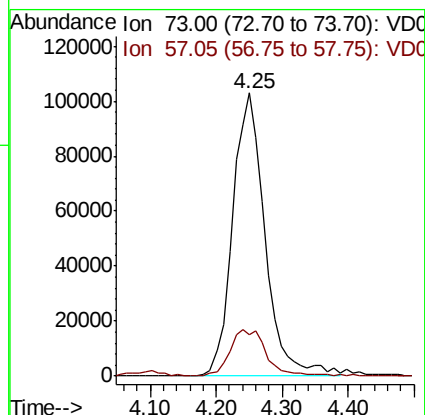
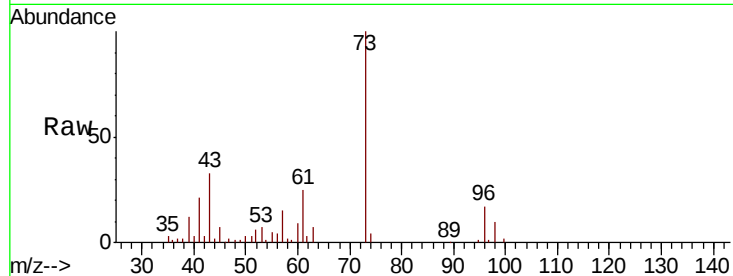




#19  
Methyl tert-butyl Ether  
Concen: 20.975 ug/l  
RT: 4.25 min Scan# 287  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

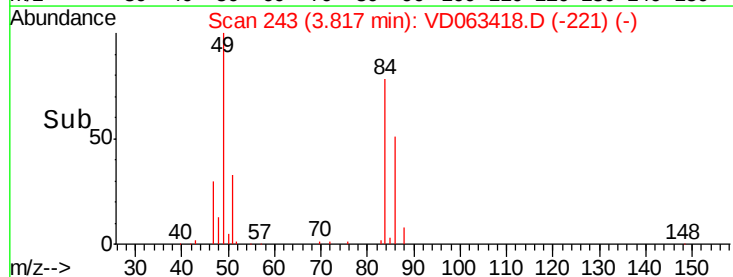
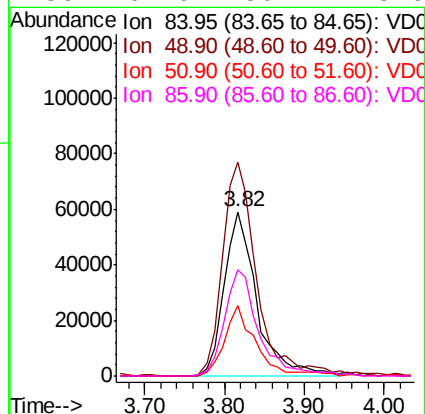
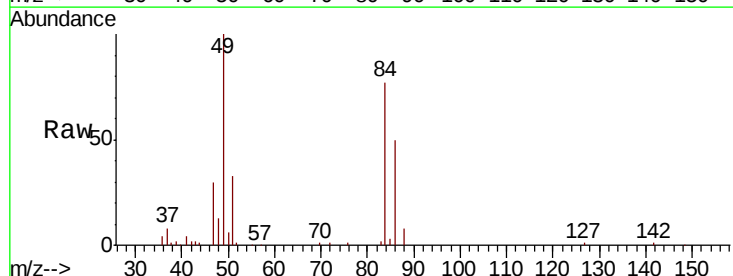
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBS01

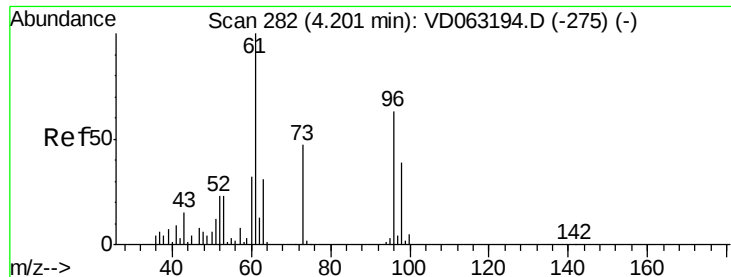
Tgt Ion: 73 Resp: 355431  
Ion Ratio Lower Upper  
73 100  
57 14.5 13.8 20.6



#20  
Methylene Chloride  
Concen: 20.172 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 84 Resp: 170498  
Ion Ratio Lower Upper  
84 100  
49 130.3 112.5 168.7  
51 43.3 29.6 44.4  
86 64.9 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 21.147 ug/l

RT: 4.22 min Scan# 284

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

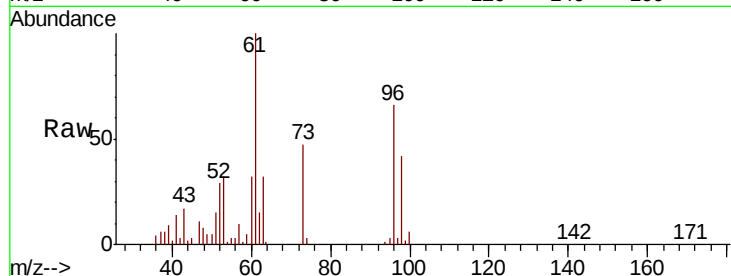
Tgt Ion: 96 Resp: 178003

Ion Ratio Lower Upper

96 100

61 152.7 127.4 191.2

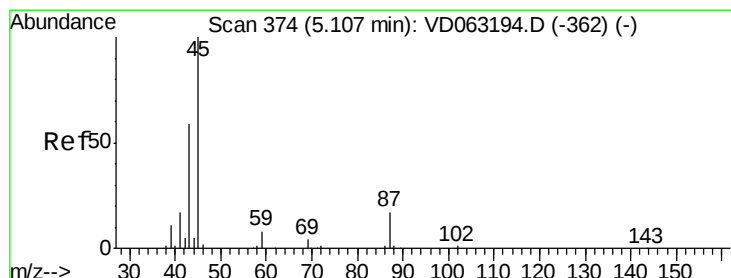
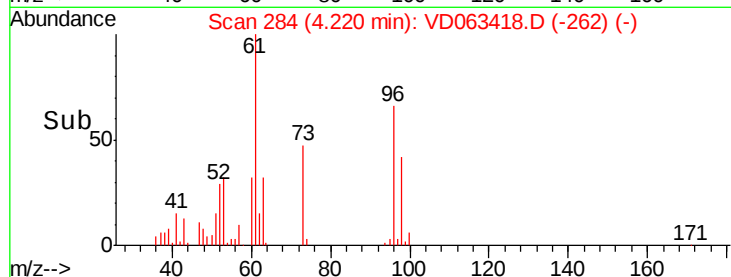
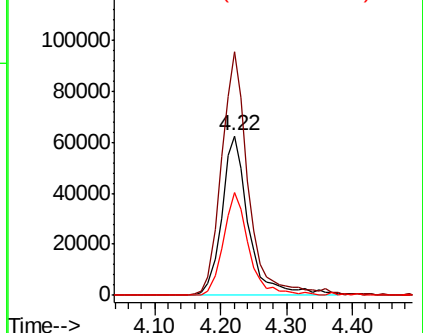
98 64.4 49.3 73.9



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: 21.096 ug/l

RT: 5.13 min Scan# 376

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Tgt Ion: 45 Resp: 503705

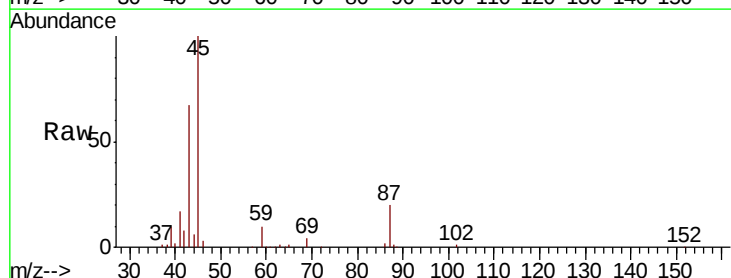
Ion Ratio Lower Upper

45 100

43 67.1 51.7 77.5

87 19.9 14.6 21.8

59 9.7 6.6 10.0

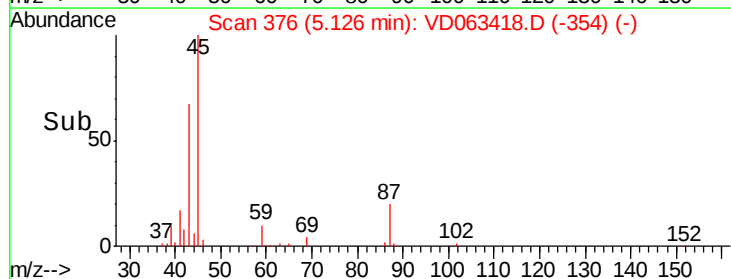
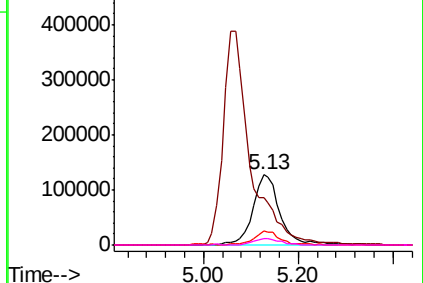


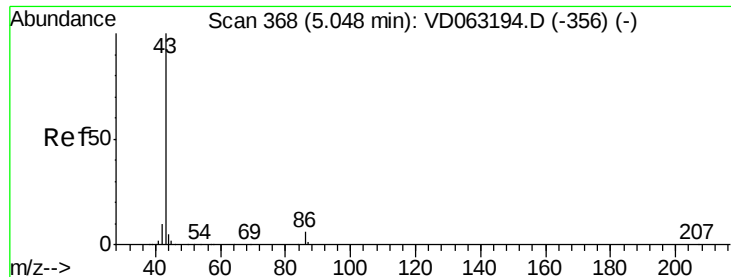
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 103.621 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

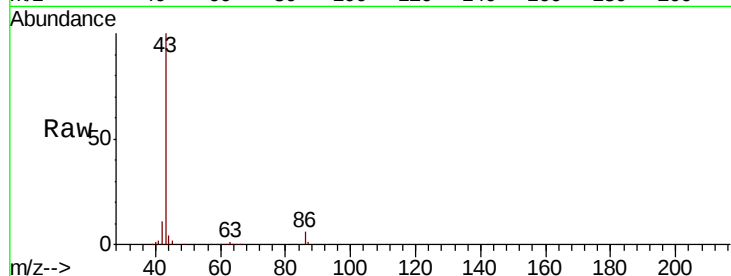
VD0807SBSD01

Tgt Ion: 43 Resp: 1520844

Ion Ratio Lower Upper

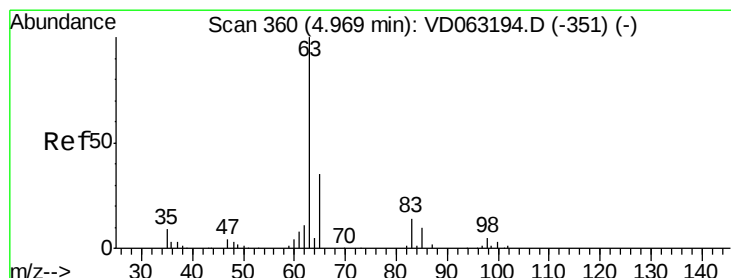
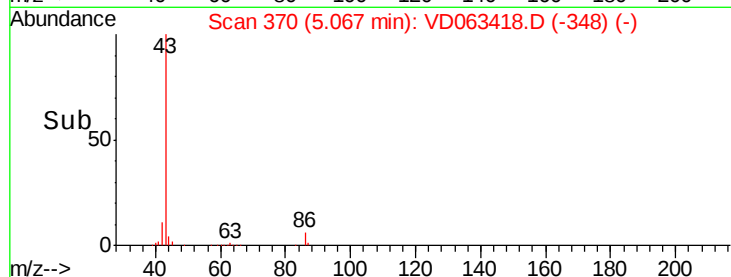
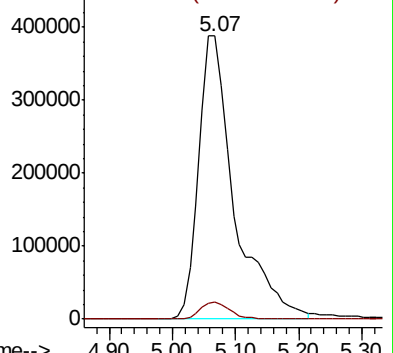
43 100

86 6.2 4.9 7.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 22.194 ug/l

RT: 4.99 min Scan# 362

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

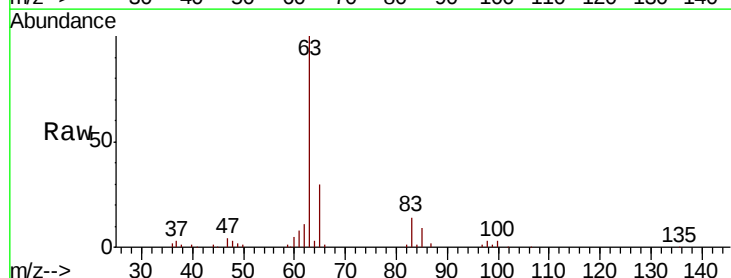
Tgt Ion: 63 Resp: 338482

Ion Ratio Lower Upper

63 100

98 3.0 2.8 8.4

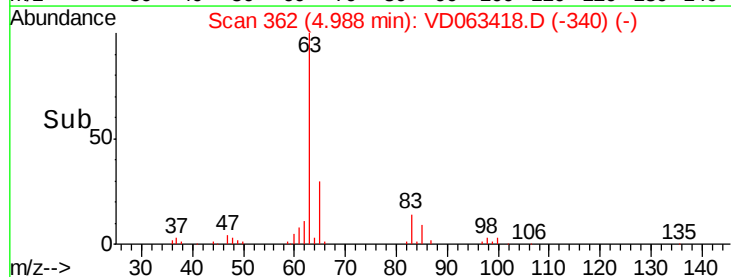
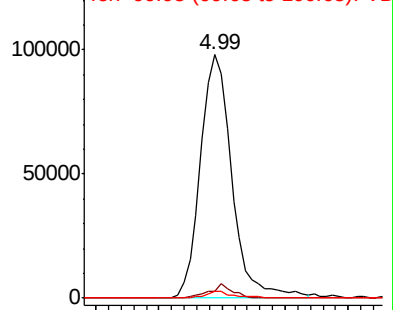
100 3.0 1.3 3.9

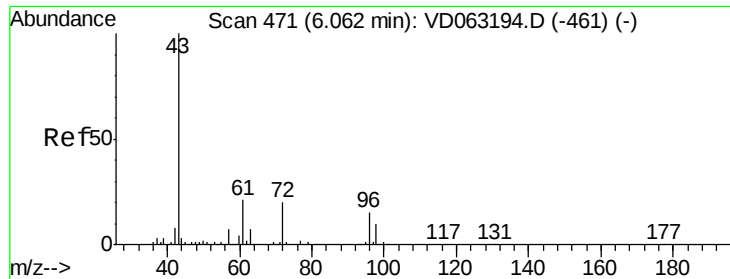


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC

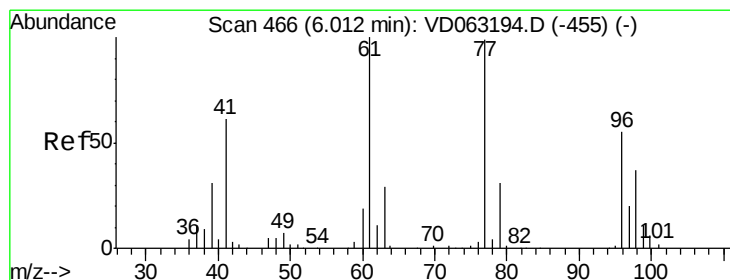
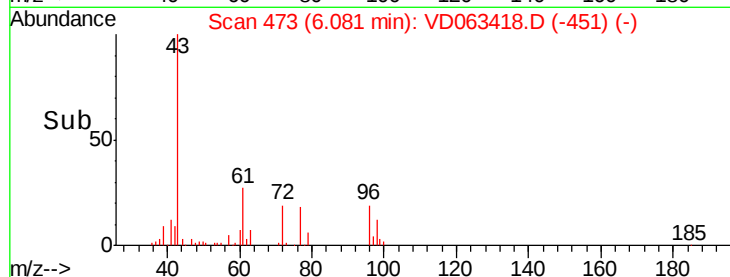
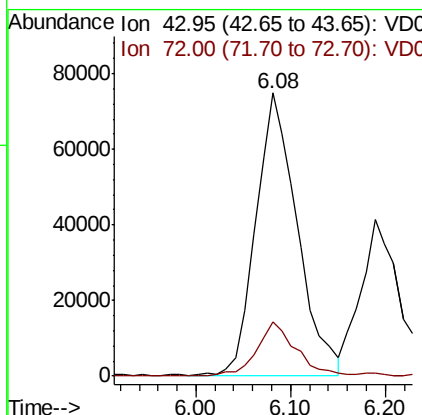
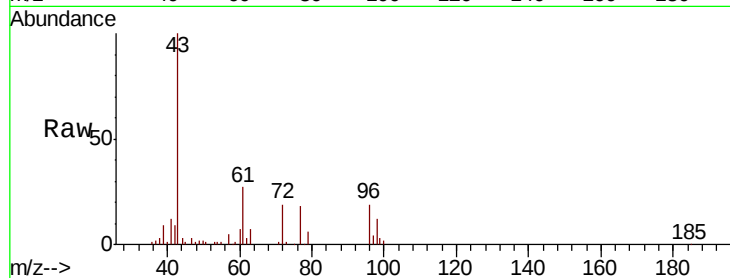




#25  
2-Butanone  
Concen: 108.691 ug/l  
RT: 6.08 min Scan# 473  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

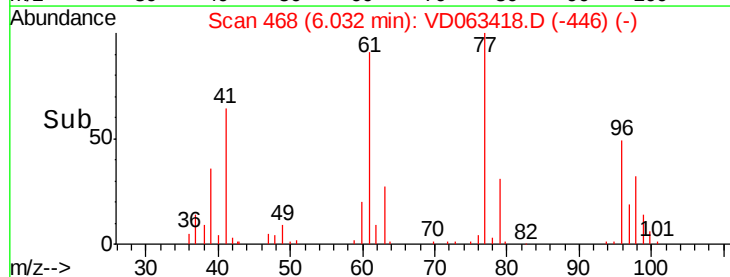
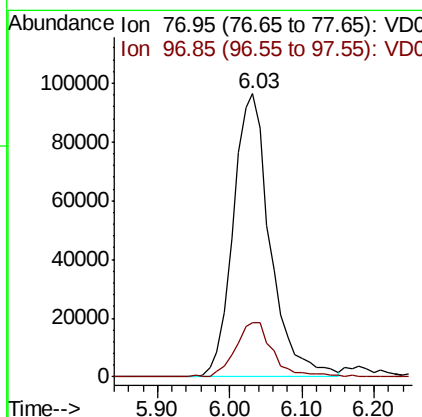
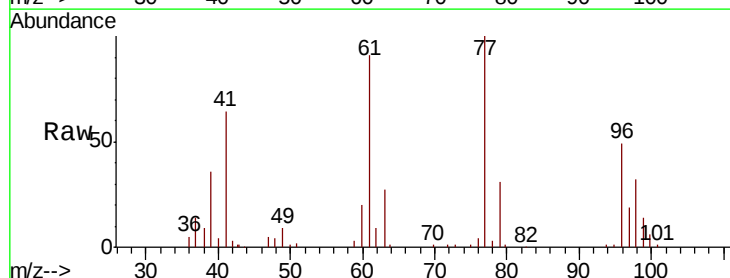
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBS01

Tgt Ion: 43 Resp: 228088  
Ion Ratio Lower Upper  
43 100  
72 19.1 16.3 24.5



#26  
2,2-Dichloropropane  
Concen: 21.909 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 77 Resp: 344349  
Ion Ratio Lower Upper  
77 100  
97 19.0 10.2 30.6



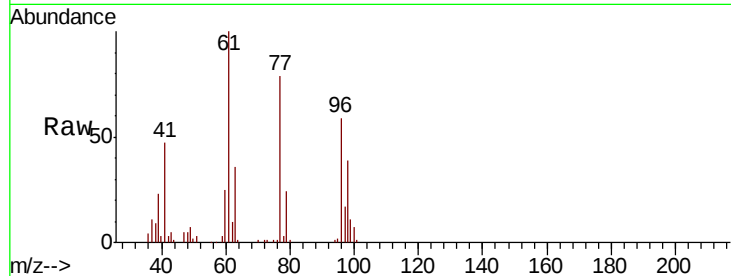


#27

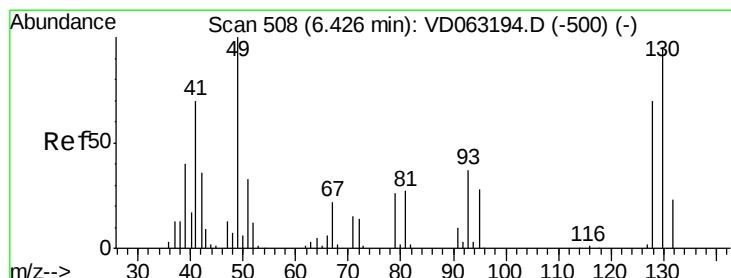
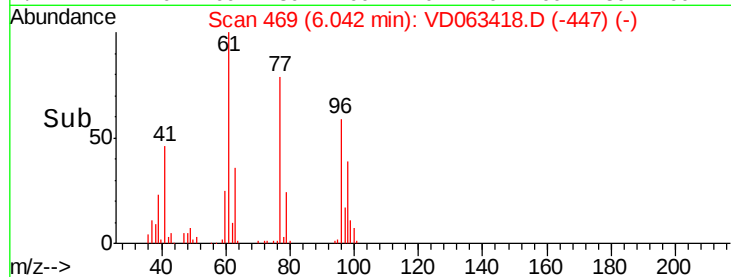
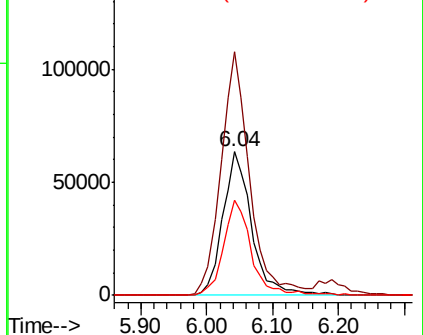
cis-1,2-Dichloroethene  
Concen: 21.532 ug/l  
RT: 6.04 min Scan# 469  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

Tgt Ion: 96 Resp: 194325  
Ion Ratio Lower Upper  
96 100  
61 170.1 0.0 337.2  
98 66.1 0.0 130.6



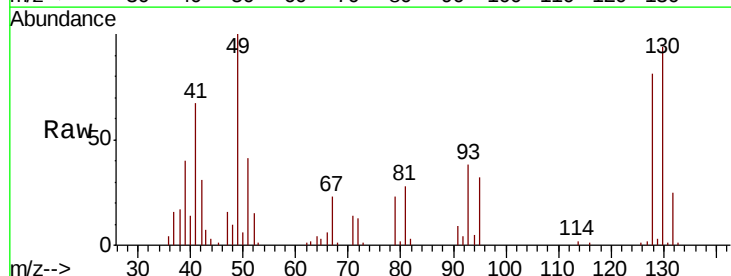
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



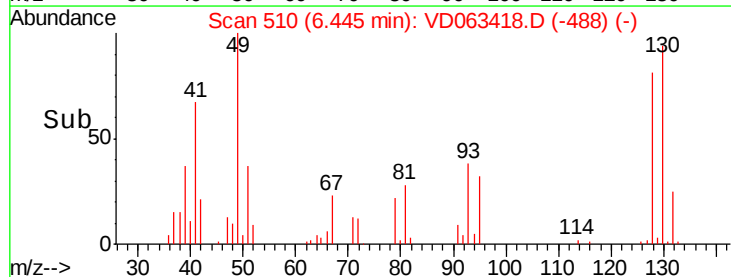
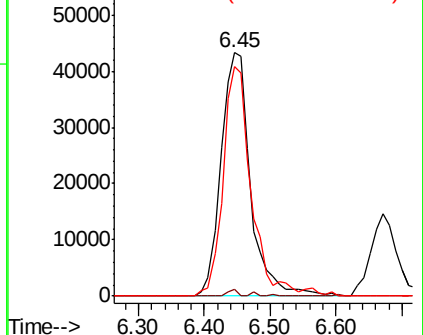
#28

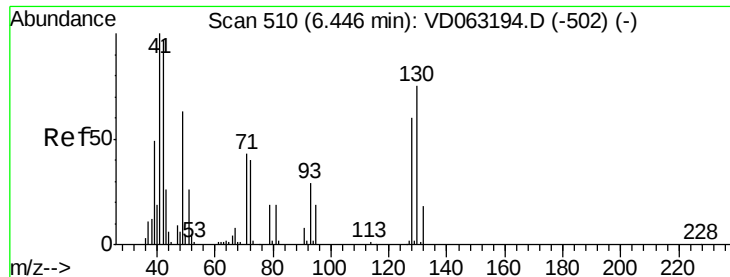
Bromochloromethane  
Concen: 22.211 ug/l  
RT: 6.45 min Scan# 510  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 49 Resp: 134966  
Ion Ratio Lower Upper  
49 100  
129 3.0 0.0 0.0#  
130 94.4 75.7 113.5



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





#29

Tetrahydrofuran

Concen: 108.651 ug/l

RT: 6.46 min Scan# 512

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

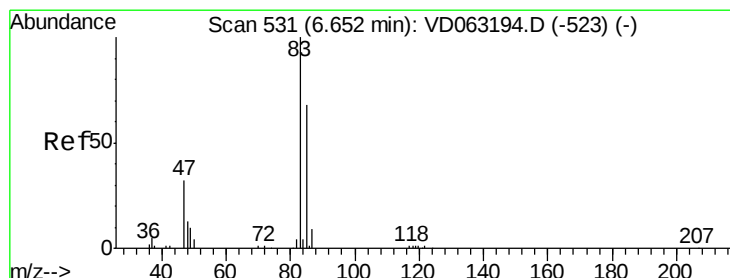
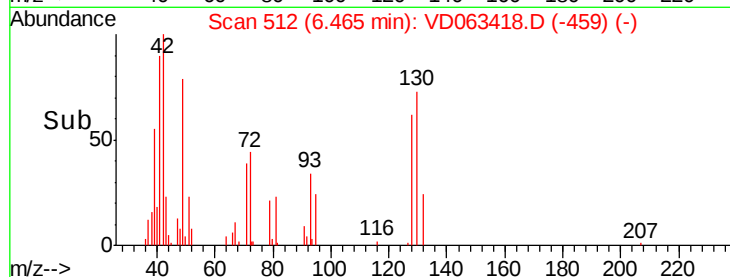
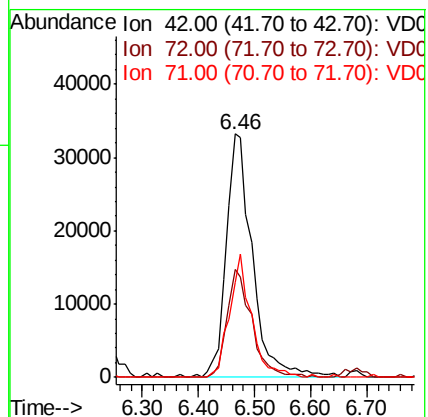
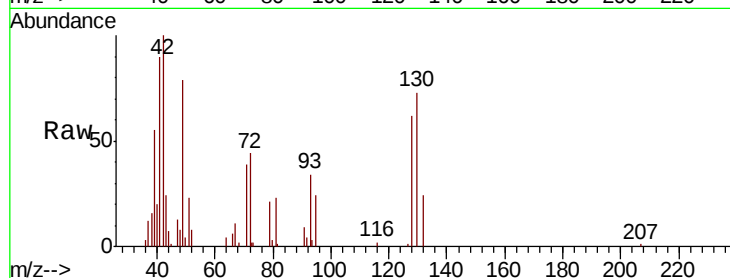
Tgt Ion: 42 Resp: 107948

Ion Ratio Lower Upper

42 100

72 41.9 33.4 50.2

71 42.5 35.7 53.5



#30

Chloroform

Concen: 20.866 ug/l

RT: 6.67 min Scan# 533

Delta R.T. 0.02 min

Lab File: VD063418.D

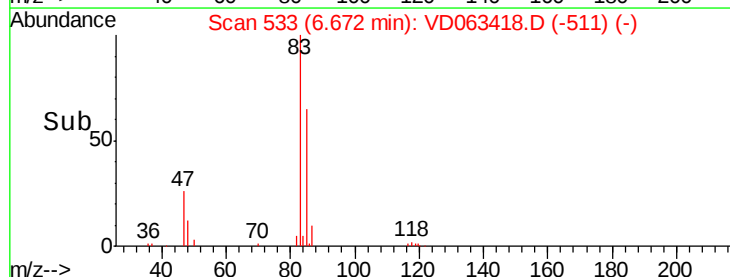
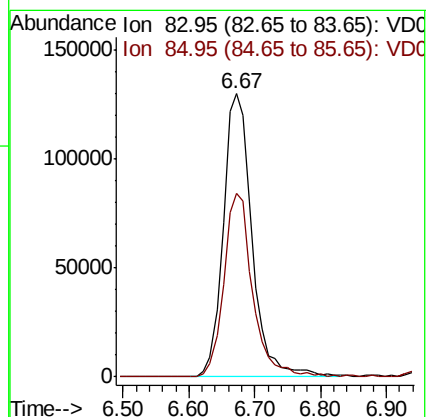
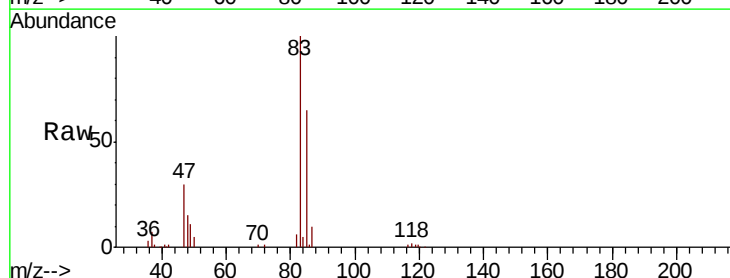
Acq: 7 Aug 2019 12:20

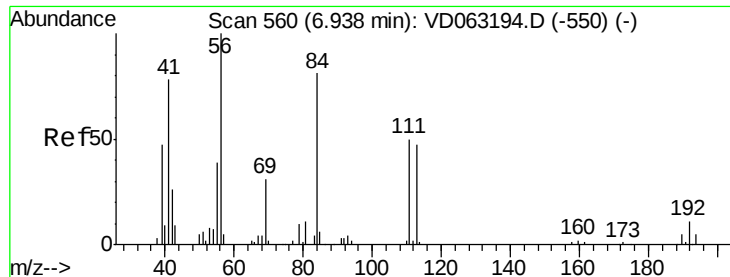
Tgt Ion: 83 Resp: 394933

Ion Ratio Lower Upper

83 100

85 64.6 54.2 81.4

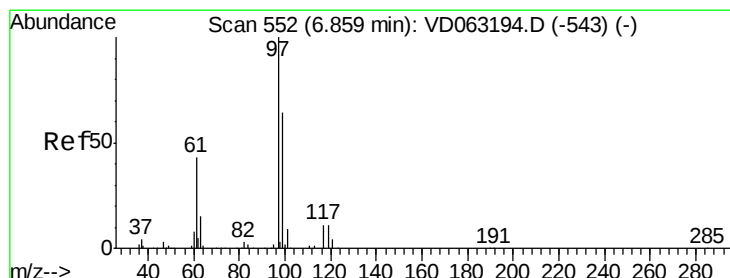
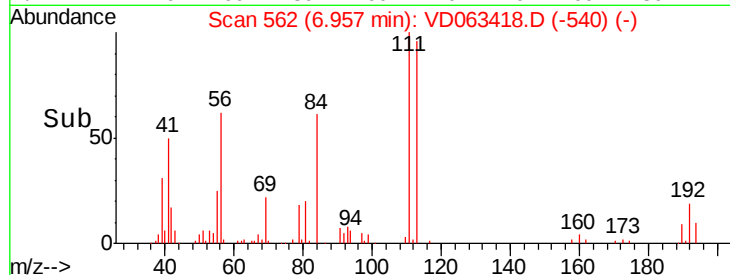
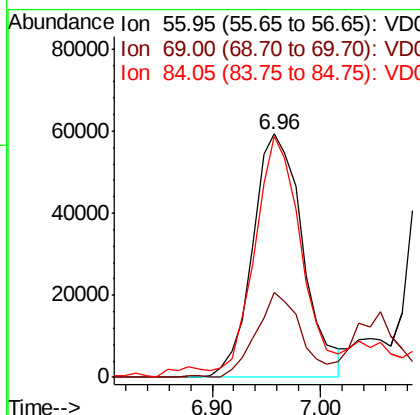
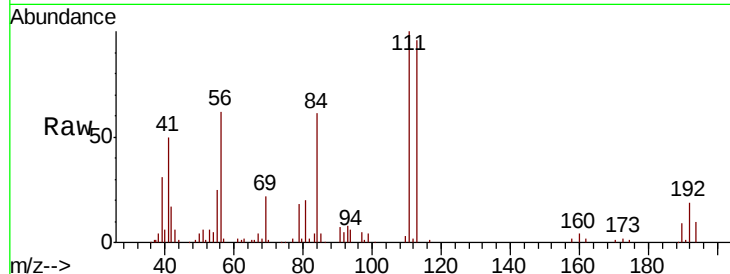




#31  
Cyclohexane  
Concen: 19.894 ug/l  
RT: 6.96 min Scan# 562  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

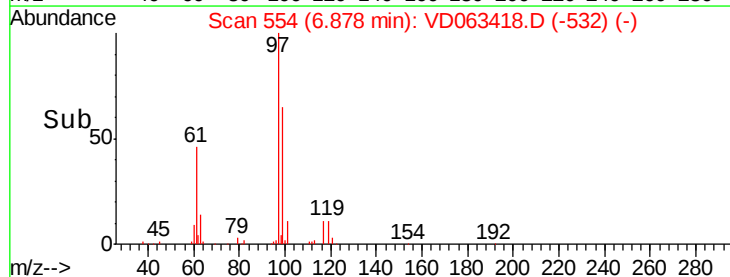
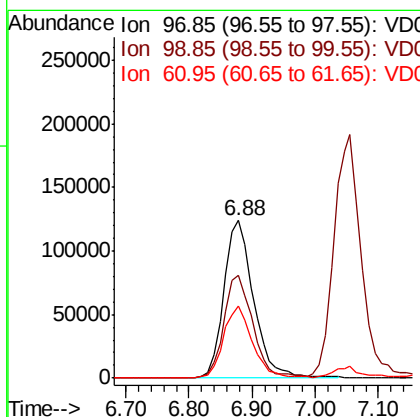
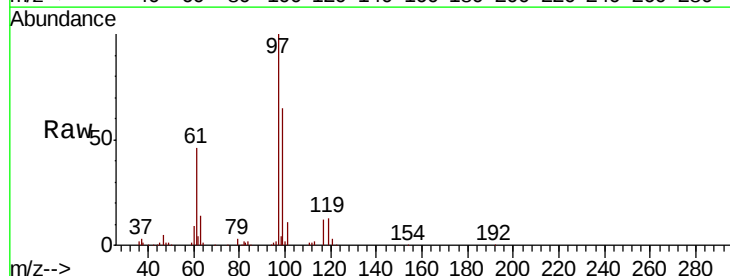
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBS01

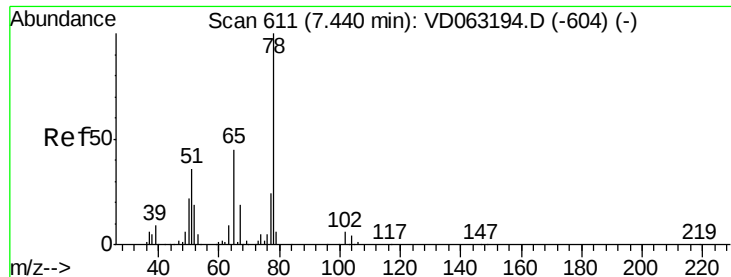
Tgt Ion: 56 Resp: 190174  
Ion Ratio Lower Upper  
56 100  
69 34.7 24.5 36.7  
84 99.1 64.9 97.3#



#32  
1,1,1-Trichloroethane  
Concen: 22.090 ug/l  
RT: 6.88 min Scan# 554  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 97 Resp: 404406  
Ion Ratio Lower Upper  
97 100  
99 65.3 51.2 76.8  
61 45.6 34.2 51.2

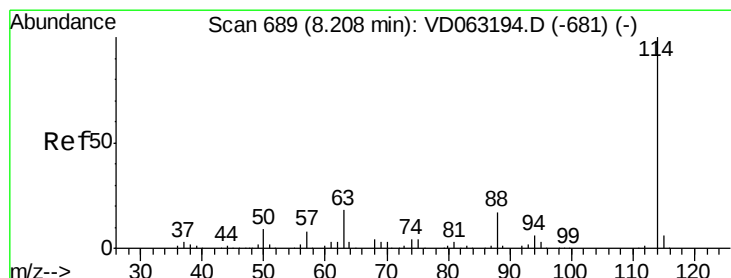
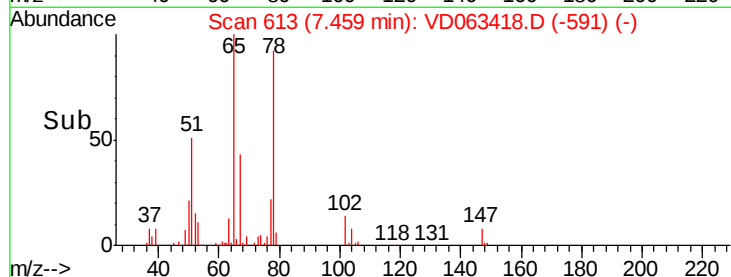
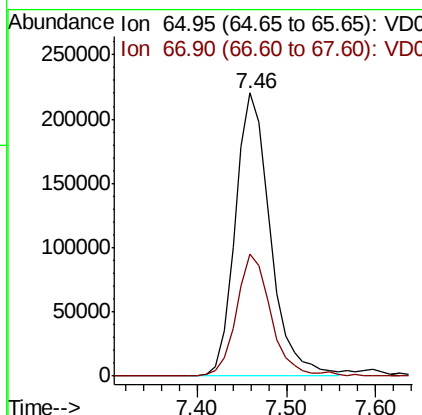
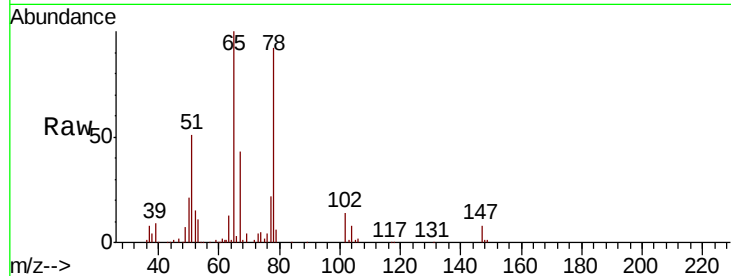




#33  
 1,2-Dichloroethane-d4  
 Concen: 56.071 ug/l  
 RT: 7.46 min Scan# 613  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

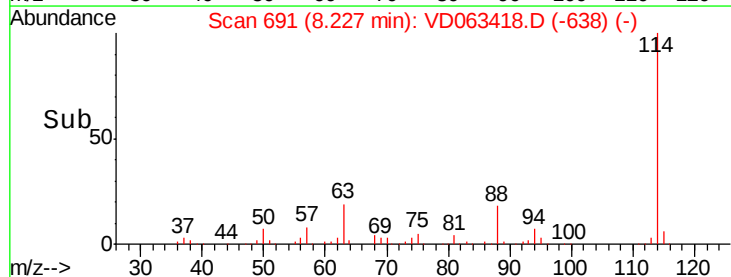
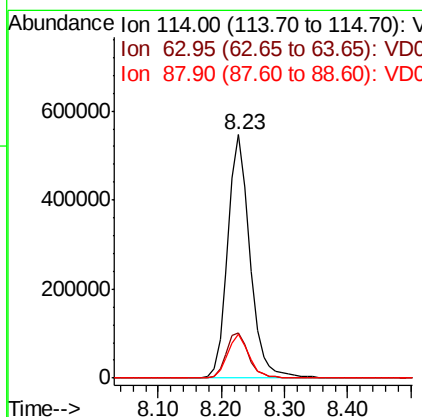
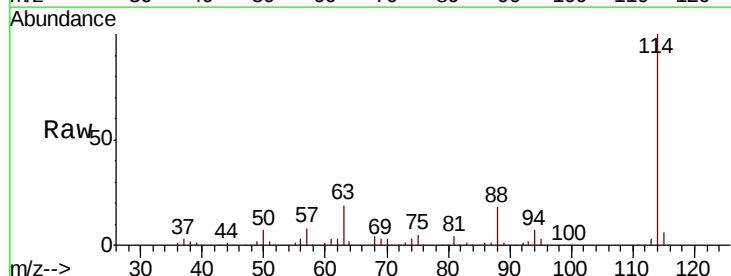
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

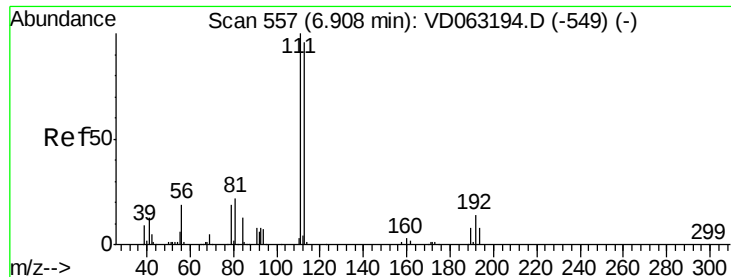
Tgt Ion: 65 Resp: 601751  
 Ion Ratio Lower Upper  
 65 100  
 67 43.1 0.0 85.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.23 min Scan# 691  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion: 114 Resp: 1329931  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 35.2  
 88 18.1 0.0 34.6





#35

Dibromofluoromethane

Concen: 55.507 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

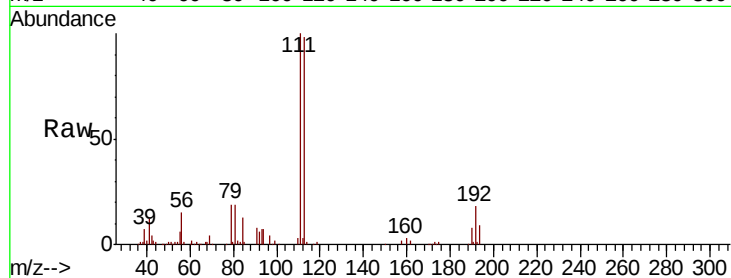
Tgt Ion:113 Resp: 630271

Ion Ratio Lower Upper

113 100

111 102.2 83.2 124.8

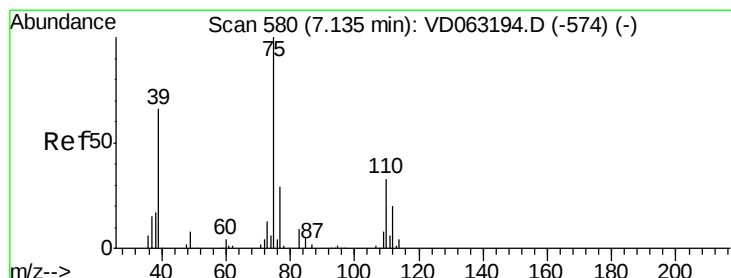
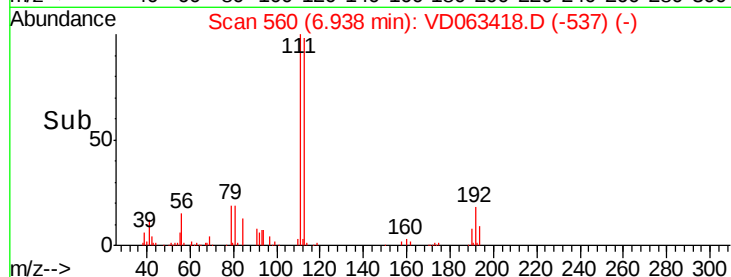
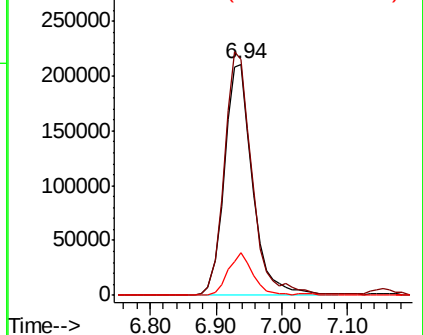
192 18.4 11.8 17.8#



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: 22.092 ug/l

RT: 7.15 min Scan# 582

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

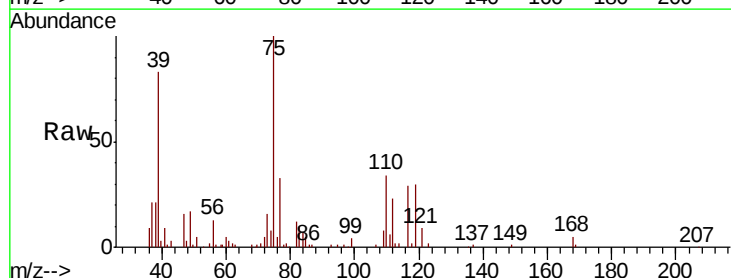
Tgt Ion: 75 Resp: 268142

Ion Ratio Lower Upper

75 100

110 33.9 16.1 48.2

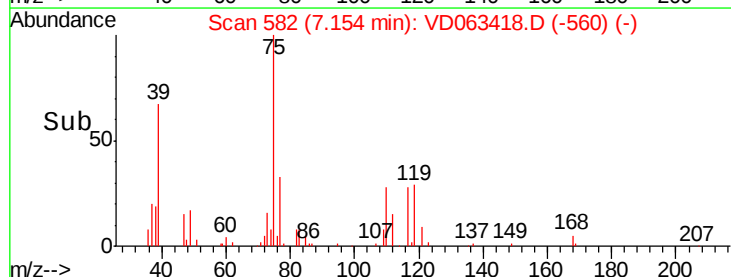
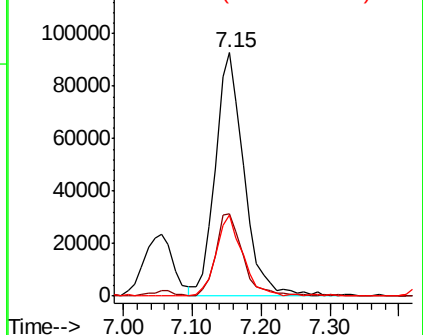
77 33.1 22.7 34.1

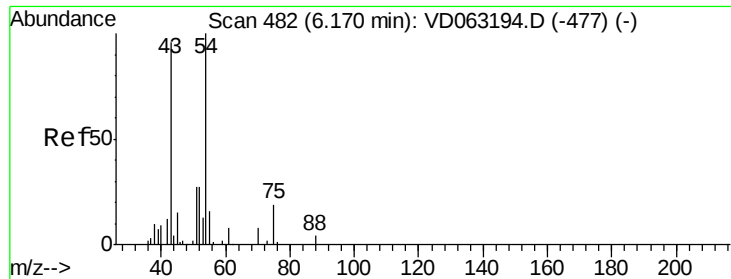


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

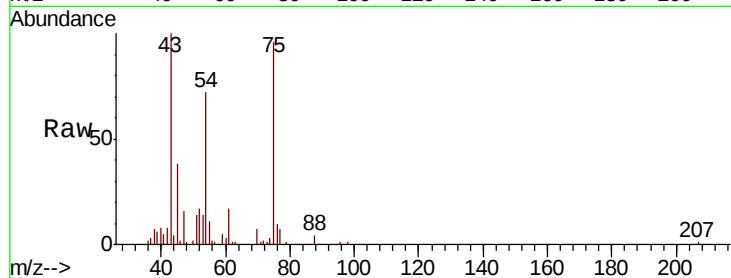




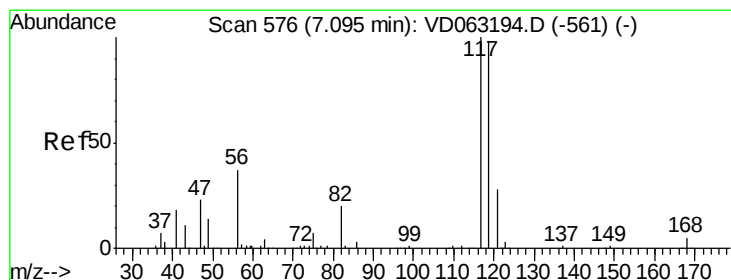
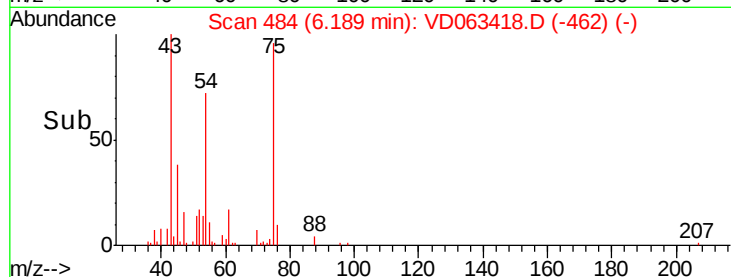
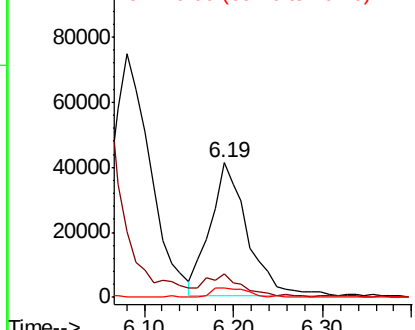
#37  
 Ethyl Acetate  
 Concen: 21.805 ug/l  
 RT: 6.19 min Scan# 484  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBS01

Tgt Ion: 43 Resp: 118899  
 Ion Ratio Lower Upper  
 43 100  
 61 17.1 11.3 16.9#  
 70 7.2 5.1 7.7

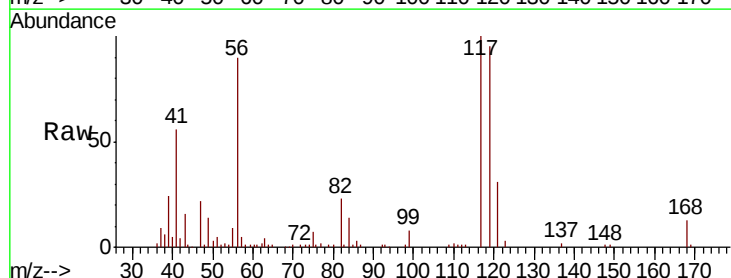


Abundance Ion 42.95 (42.65 to 43.65): VDC  
 Ion 60.95 (60.65 to 61.65): VDC  
 Ion 70.00 (69.70 to 70.70): VDC

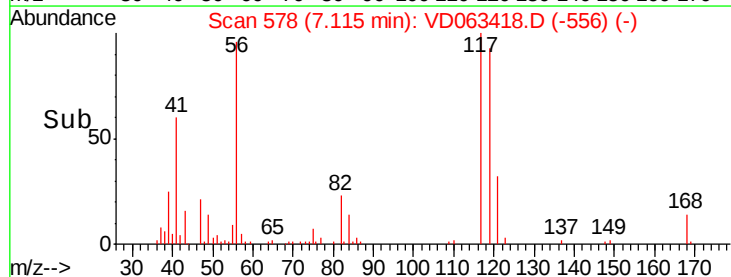
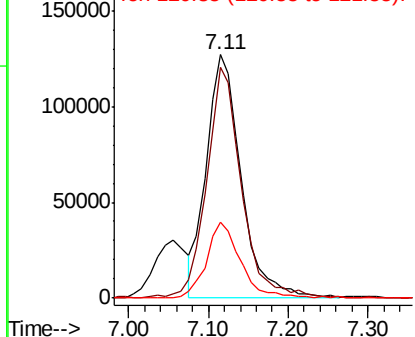


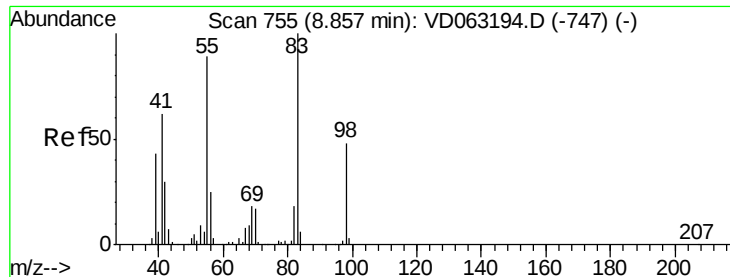
#38  
 Carbon Tetrachloride  
 Concen: 21.362 ug/l  
 RT: 7.11 min Scan# 578  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion: 117 Resp: 390324  
 Ion Ratio Lower Upper  
 117 100  
 119 95.0 78.2 117.2  
 121 31.4 22.1 33.1



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

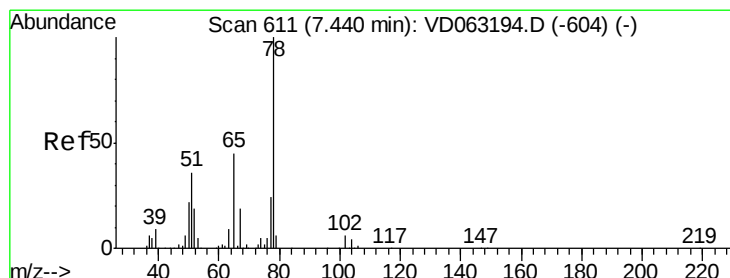
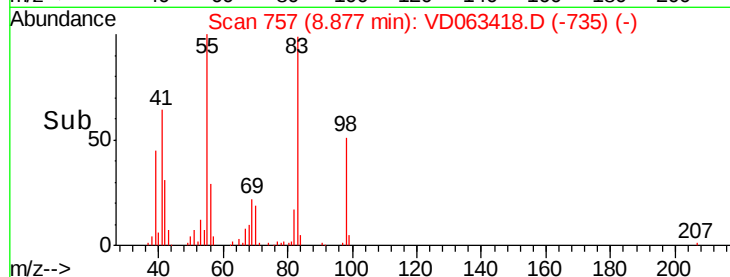
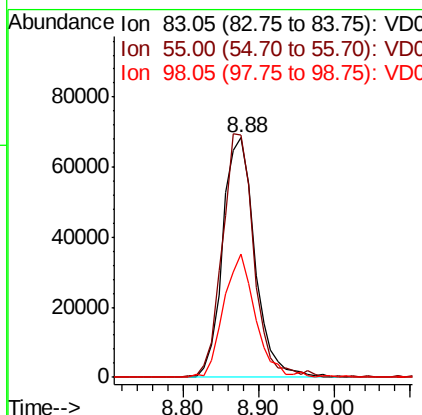
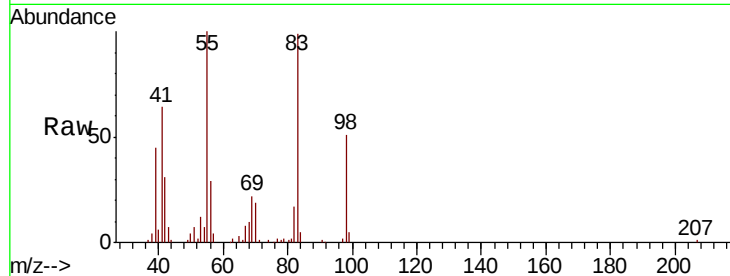




#39  
Methylcyclohexane  
Concen: 19.921 ug/l  
RT: 8.88 min Scan# 757  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

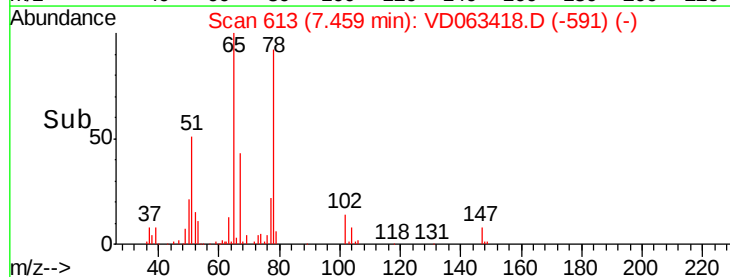
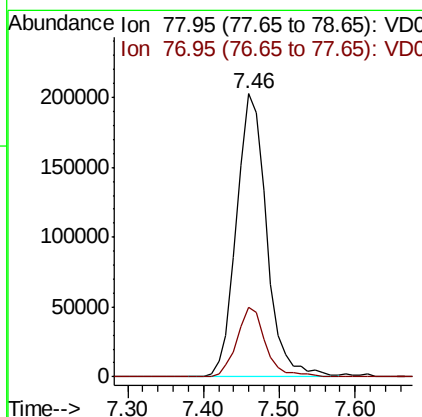
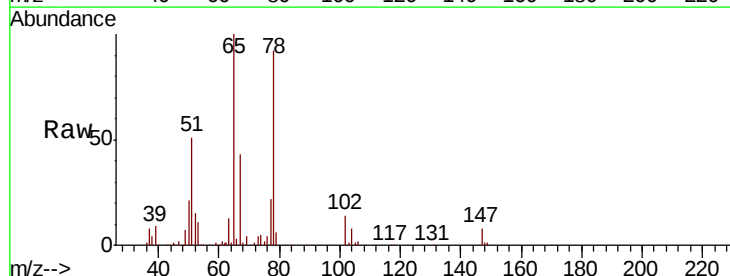
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

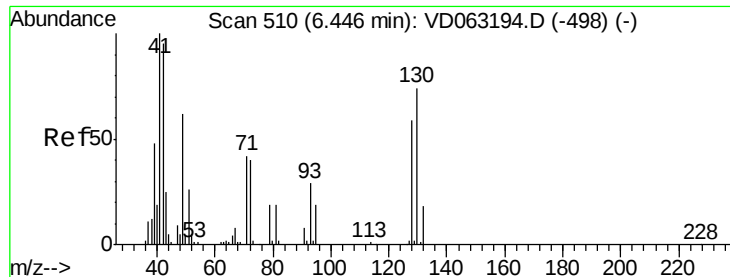
Tgt Ion: 83 Resp: 201452  
Ion Ratio Lower Upper  
83 100  
55 101.4 71.1 106.7  
98 51.5 38.5 57.7



#40  
Benzene  
Concen: 22.067 ug/l  
RT: 7.46 min Scan# 613  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 78 Resp: 561325  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.4 29.2





#41

Methacrylonitrile

Concen: 21.177 ug/l

RT: 6.46 min Scan# 511

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

Tgt Ion: 41 Resp: 138132

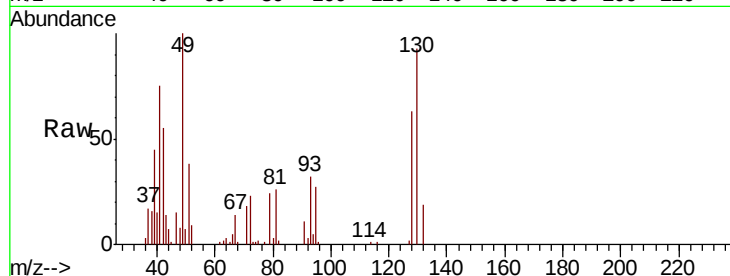
Ion Ratio Lower Upper

41 100

39 60.5 38.4 57.6#

67 19.2 6.7 10.1#

52 12.6 4.3 6.5#

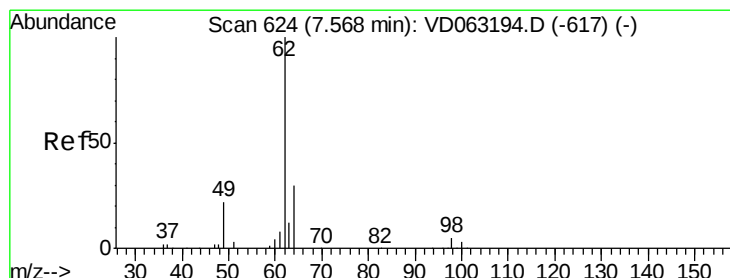
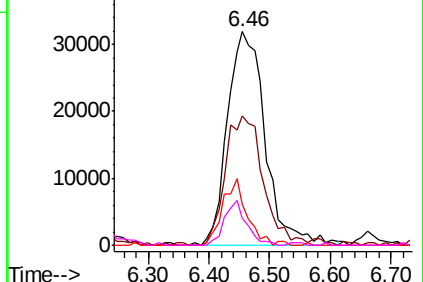
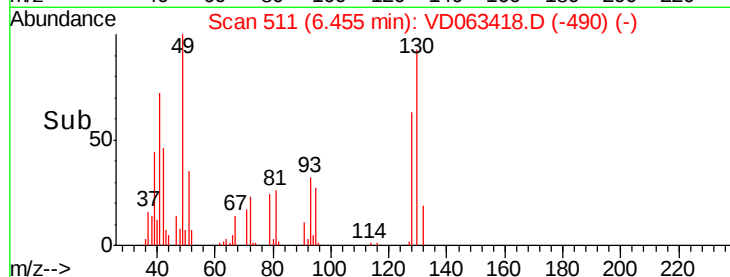


Abundance Ion 40.95 (40.65 to 41.65): VDC

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: 20.549 ug/l

RT: 7.59 min Scan# 626

Delta R.T. 0.02 min

Lab File: VD063418.D

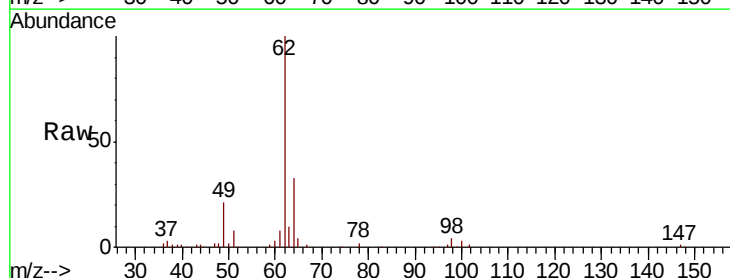
Acq: 7 Aug 2019 12:20

Tgt Ion: 62 Resp: 277031

Ion Ratio Lower Upper

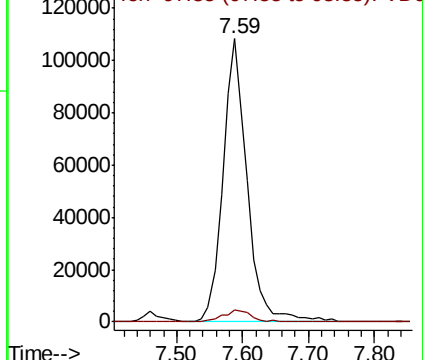
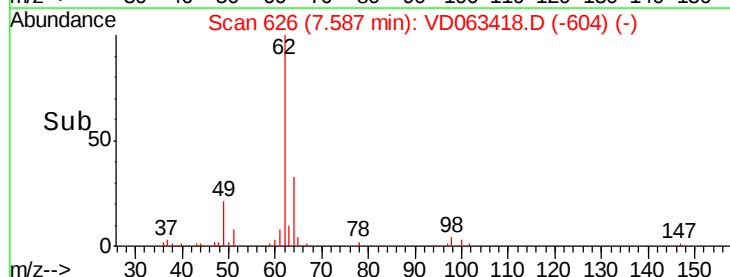
62 100

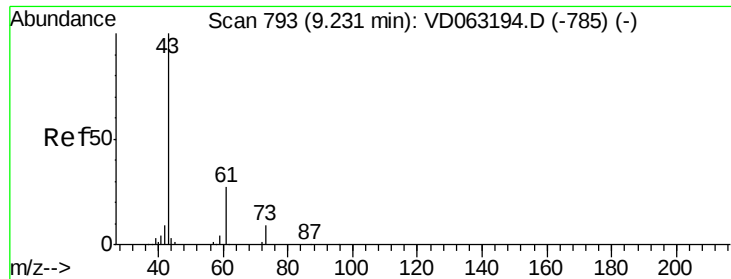
98 4.0 0.0 9.8



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 20.643 ug/l

RT: 9.25 min Scan# 795

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

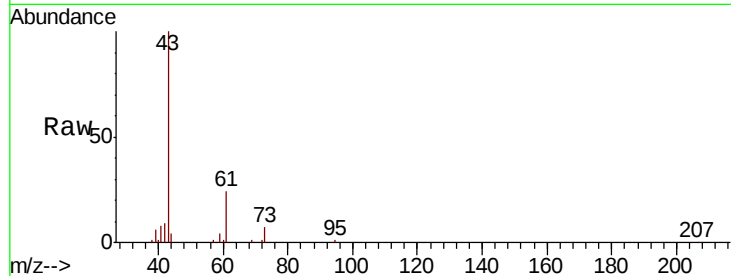
Tgt Ion: 43 Resp: 143788

Ion Ratio Lower Upper

43 100

61 23.9 21.4 32.0

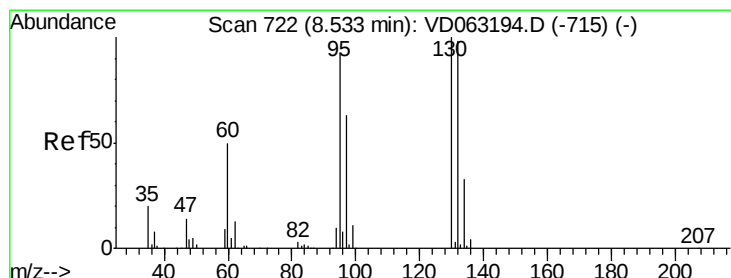
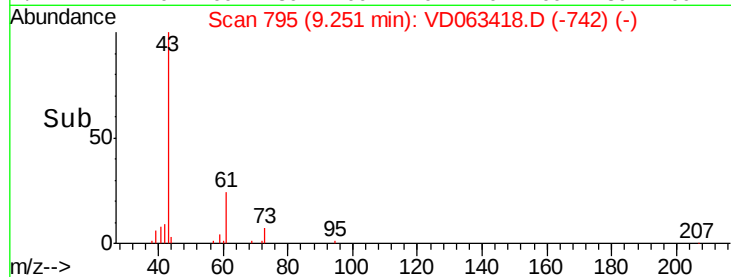
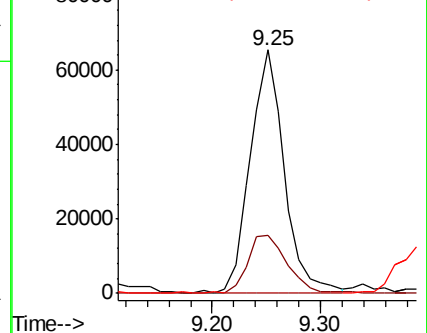
87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 21.296 ug/l

RT: 8.54 min Scan# 723

Delta R.T. 0.01 min

Lab File: VD063418.D

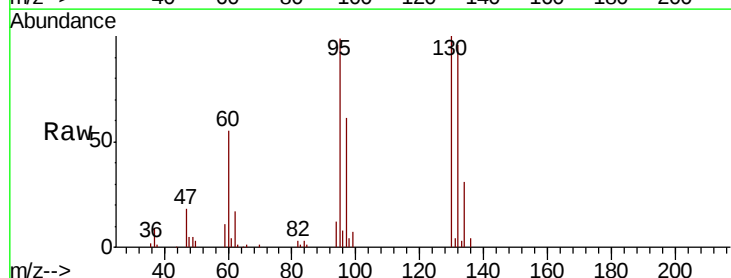
Acq: 7 Aug 2019 12:20

Tgt Ion: 130 Resp: 219514

Ion Ratio Lower Upper

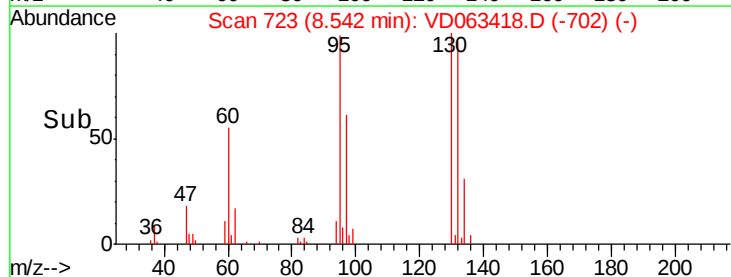
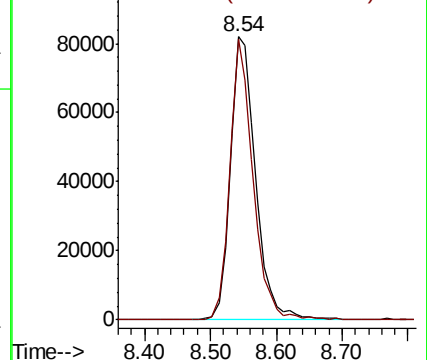
130 100

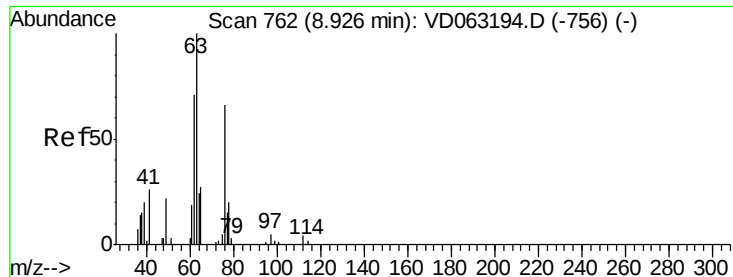
95 99.0 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.950 ug/l

RT: 8.95 min Scan# 764

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

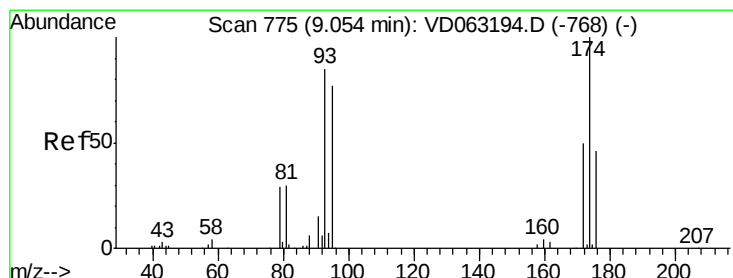
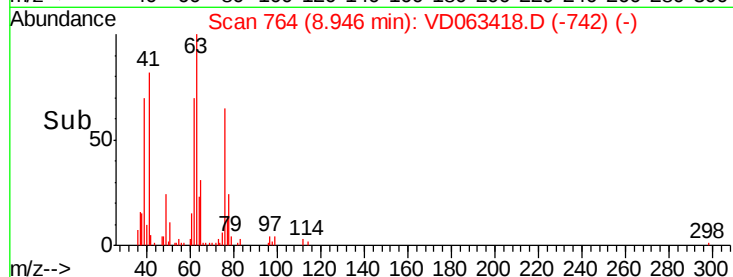
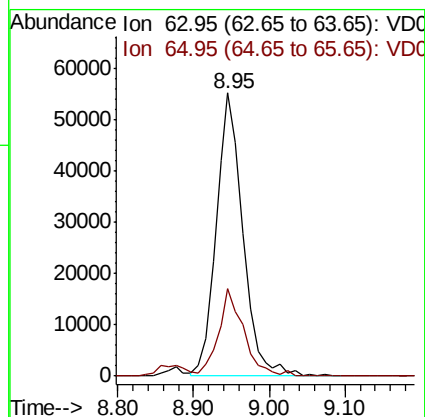
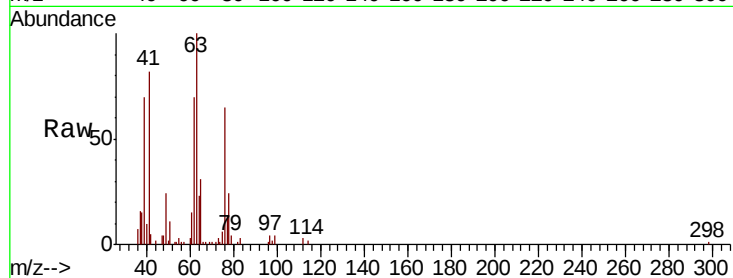
VD0807SBS01

Tgt Ion: 63 Resp: 135455

Ion Ratio Lower Upper

63 100

65 30.9 23.6 35.4



#46

Dibromomethane

Concen: 21.846 ug/l

RT: 9.07 min Scan# 777

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

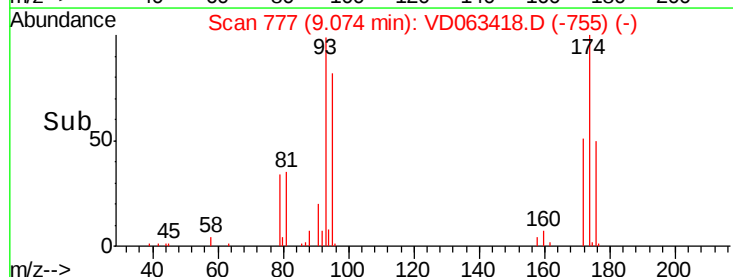
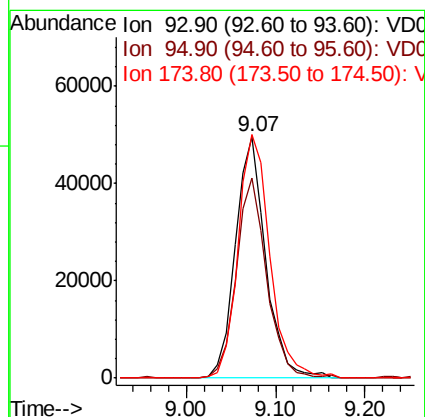
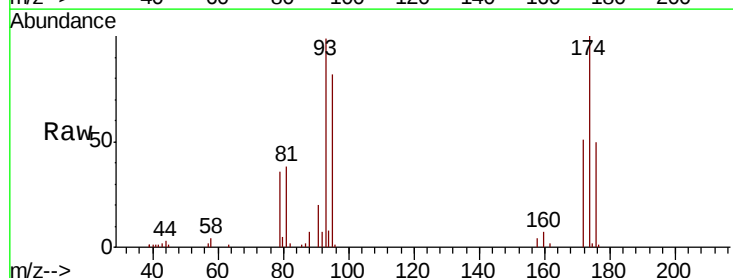
Tgt Ion: 93 Resp: 117447

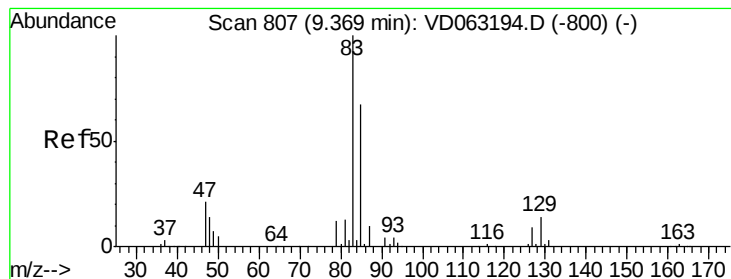
Ion Ratio Lower Upper

93 100

95 82.8 72.8 109.2

174 100.8 94.4 141.6





#47

Bromodichloromethane

Concen: 21.502 ug/l

RT: 9.39 min Scan# 809

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

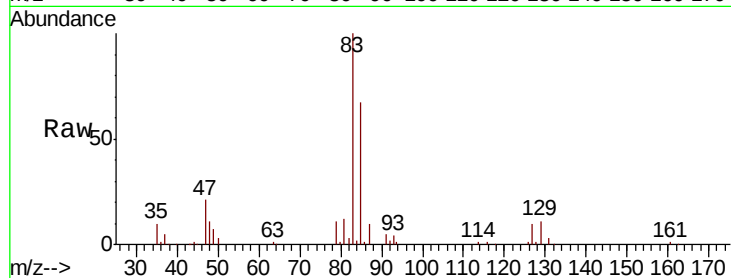
Tgt Ion: 83 Resp: 294664

Ion Ratio Lower Upper

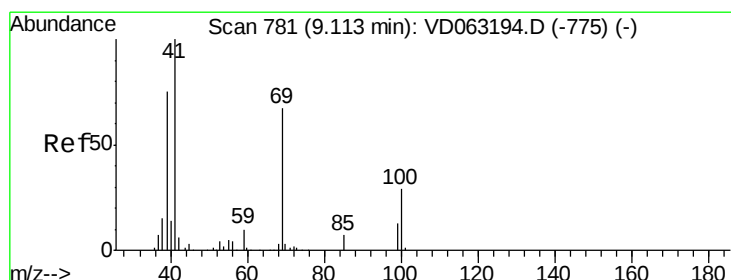
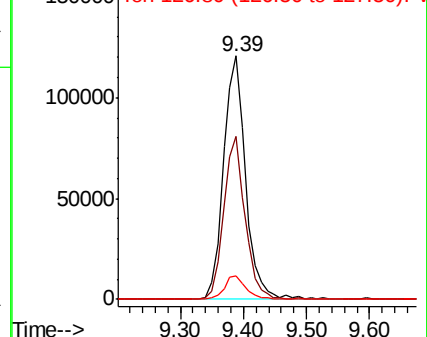
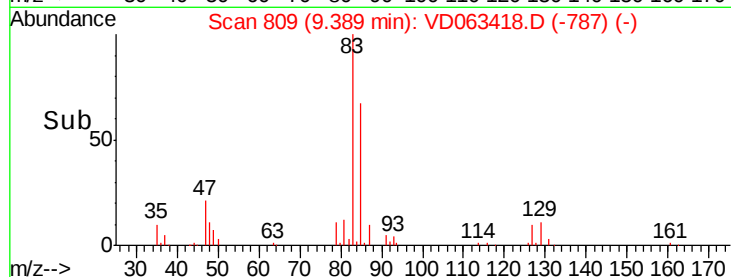
83 100

85 66.8 53.6 80.4

127 9.7 7.2 10.8



Abundance Ion 82.85 (82.55 to 83.55): VDC  
Ion 84.95 (84.65 to 85.65): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 22.416 ug/l

RT: 9.13 min Scan# 783

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

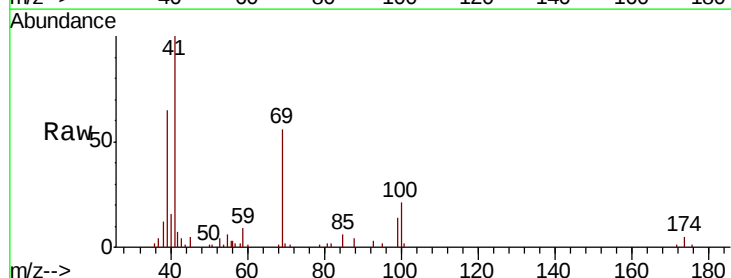
Tgt Ion: 41 Resp: 101266

Ion Ratio Lower Upper

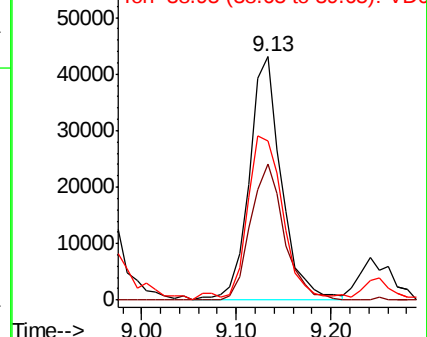
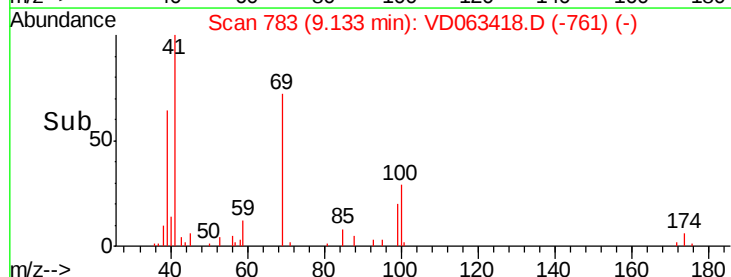
41 100

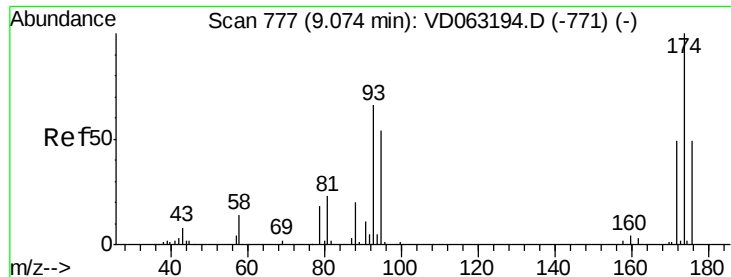
69 55.9 53.4 80.0

39 65.4 60.3 90.5



Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 38.95 (38.65 to 39.65): VDC

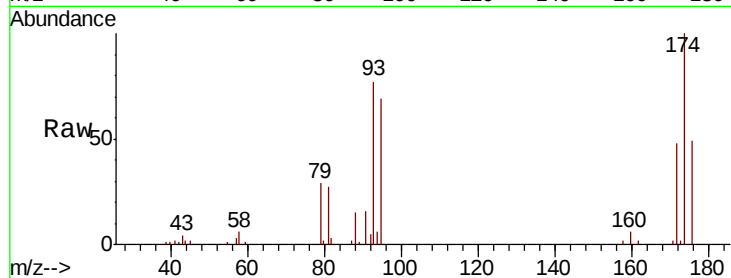




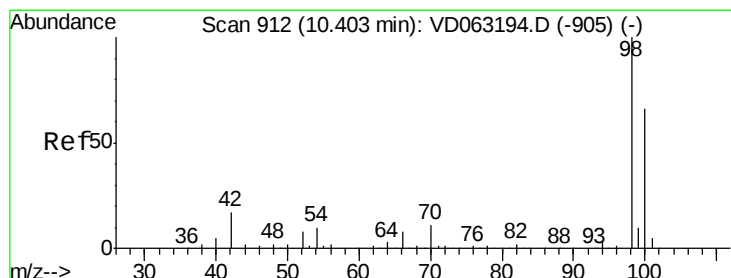
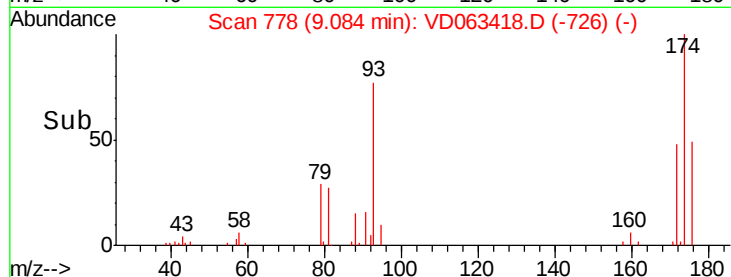
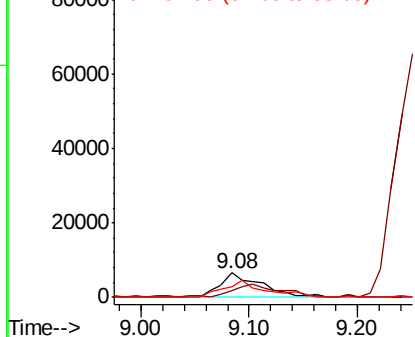
#49  
1,4-Dioxane  
Concen: 452.878 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

Tgt Ion: 88 Resp: 17417  
Ion Ratio Lower Upper  
88 100  
43 42.5 30.7 46.1  
58 41.9 56.5 84.7#

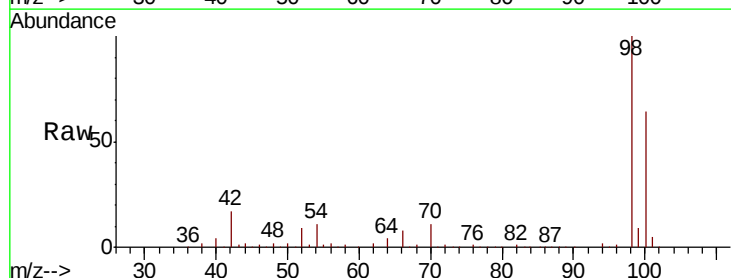


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

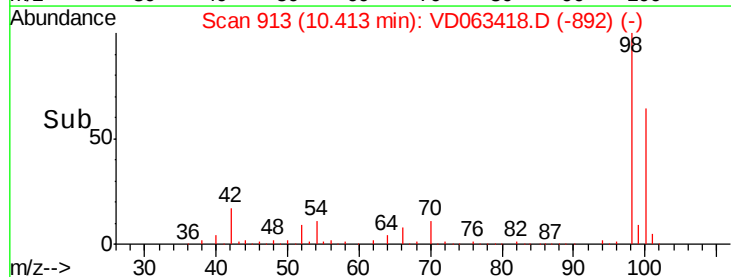
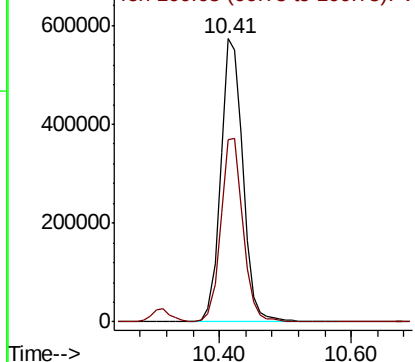


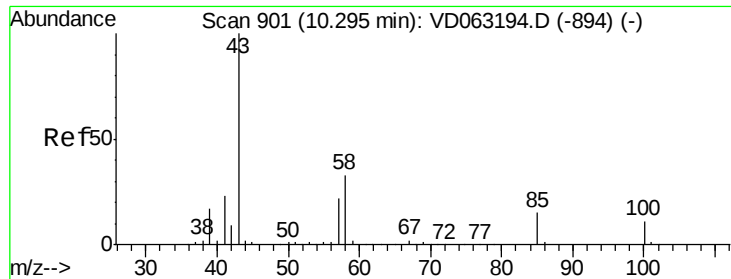
#50  
Toluene-d8  
Concen: 52.812 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 98 Resp: 1342063  
Ion Ratio Lower Upper  
98 100  
100 64.4 53.2 79.8



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: 111.251 ug/l

RT: 10.31 min Scan# 903

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleID :

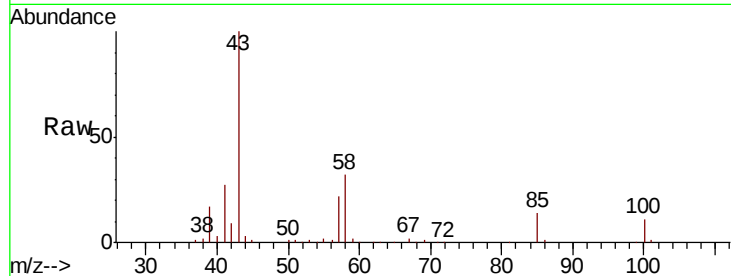
VD0807SBS01

Tgt Ion: 43 Resp: 527001

Ion Ratio Lower Upper

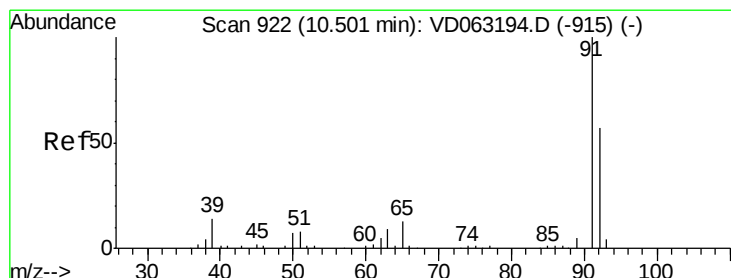
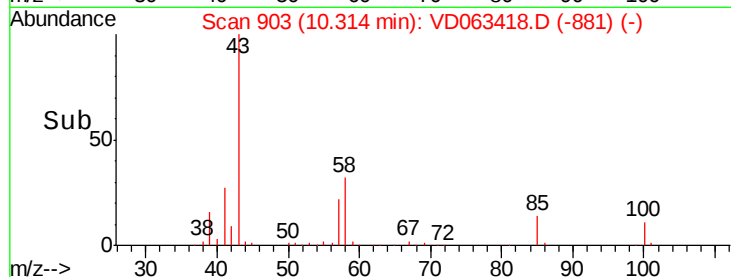
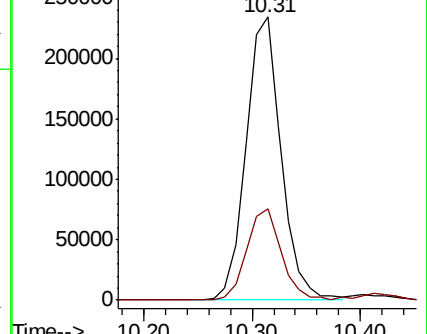
43 100

58 32.4 26.2 39.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 20.385 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD063418.D

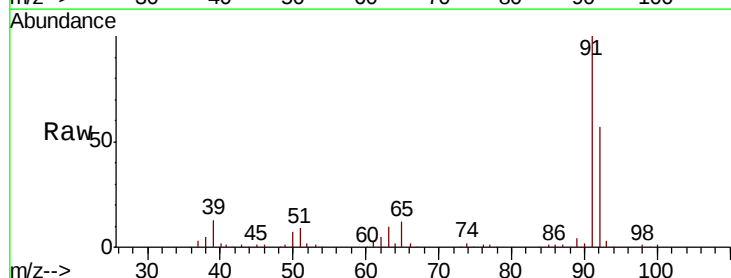
Acq: 7 Aug 2019 12:20

Tgt Ion: 92 Resp: 344882

Ion Ratio Lower Upper

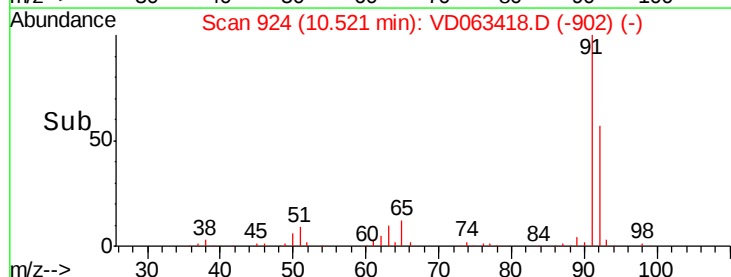
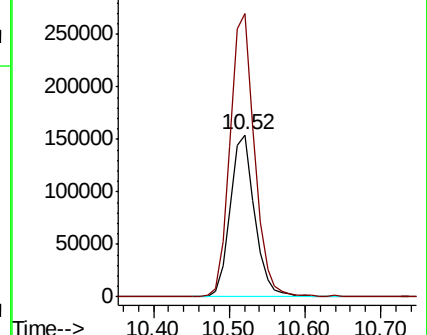
92 100

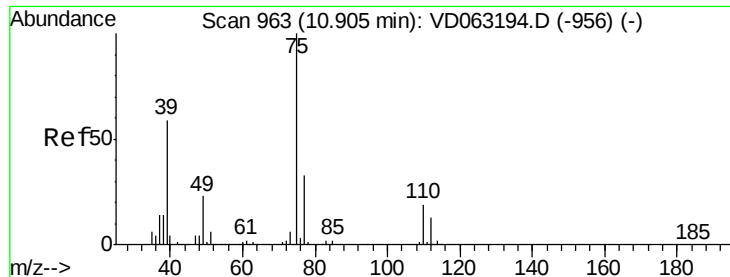
91 174.4 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

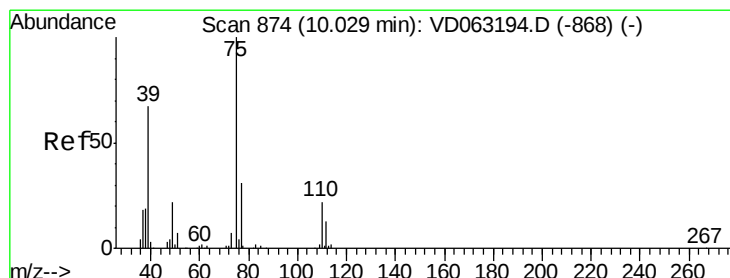
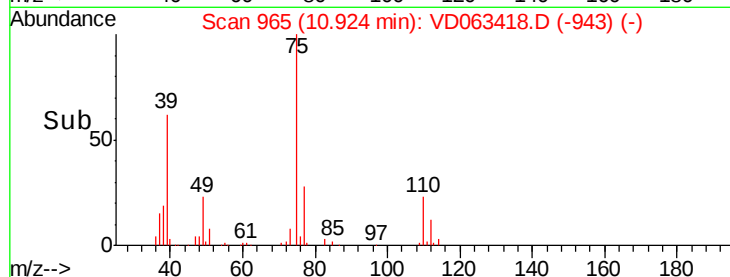
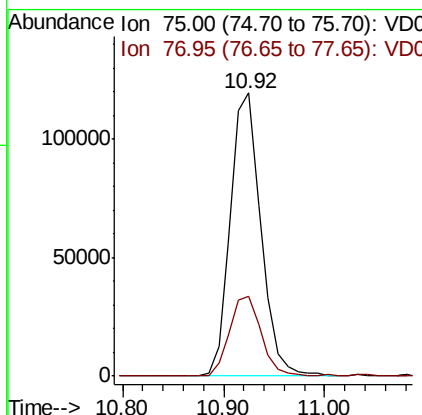
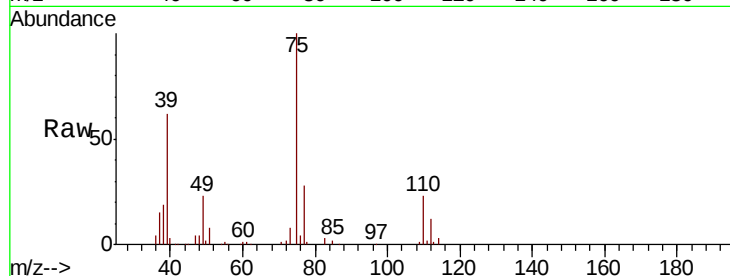




#53  
t-1,3-Dichloropropene  
Concen: 21.231 ug/l  
RT: 10.92 min Scan# 965  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

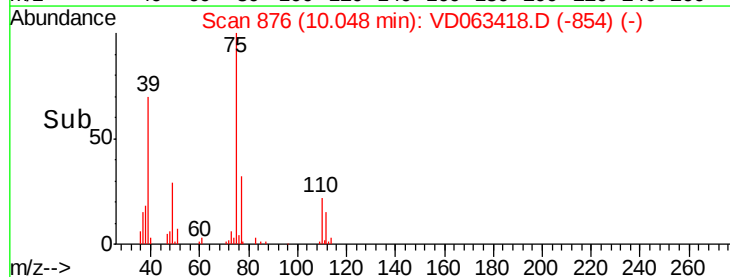
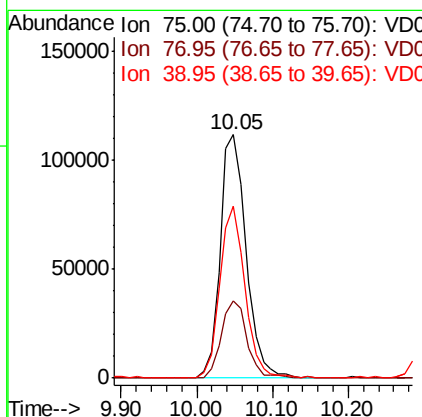
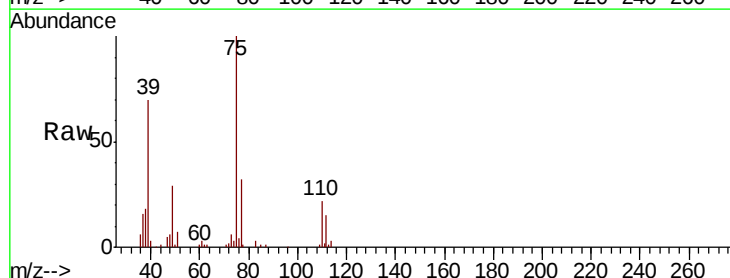
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBS01

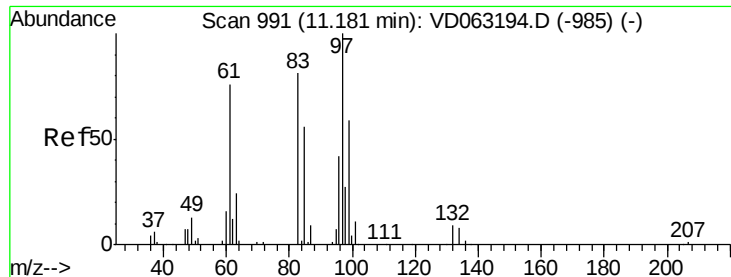
Tgt Ion: 75 Resp: 250834  
Ion Ratio Lower Upper  
75 100  
77 28.2 26.6 40.0



#54  
cis-1,3-Dichloropropene  
Concen: 21.357 ug/l  
RT: 10.05 min Scan# 876  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 75 Resp: 265187  
Ion Ratio Lower Upper  
75 100  
77 31.5 24.9 37.3  
39 70.5 53.9 80.9

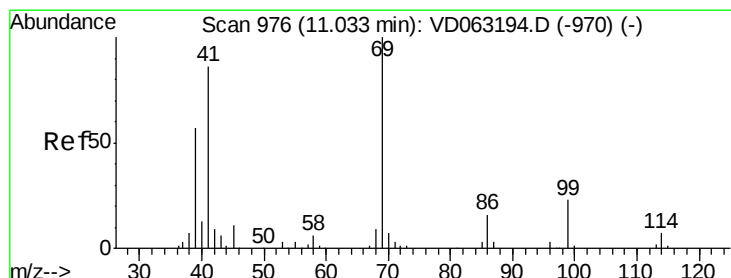
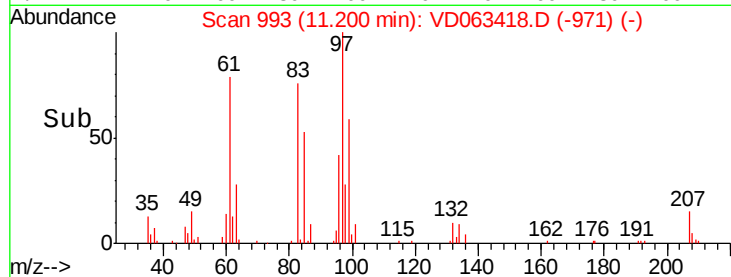
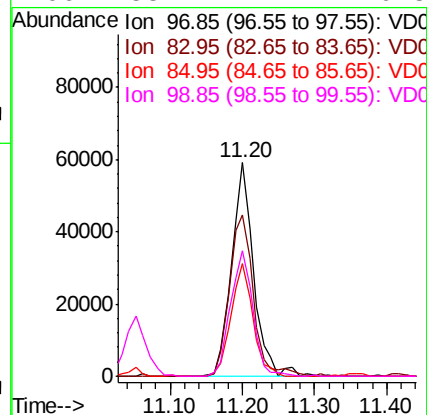
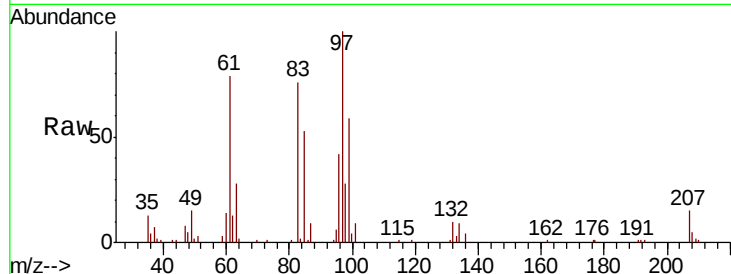




#55  
 1,1,2-Trichloroethane  
 Concen: 22.071 ug/l  
 RT: 11.20 min Scan# 993  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

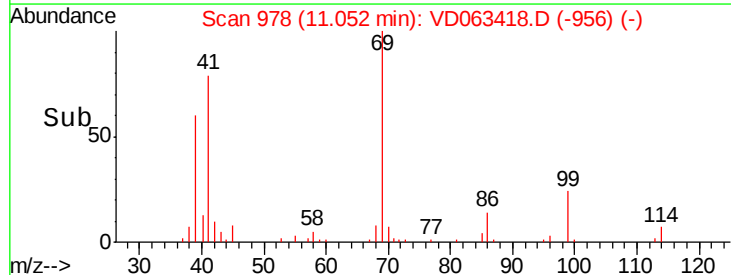
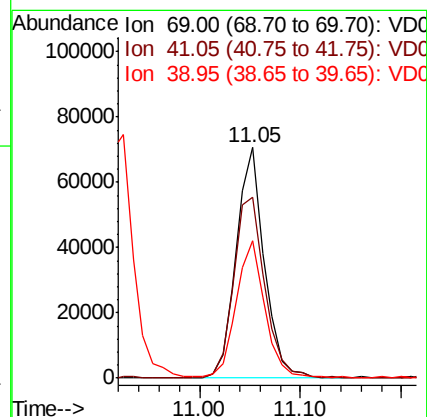
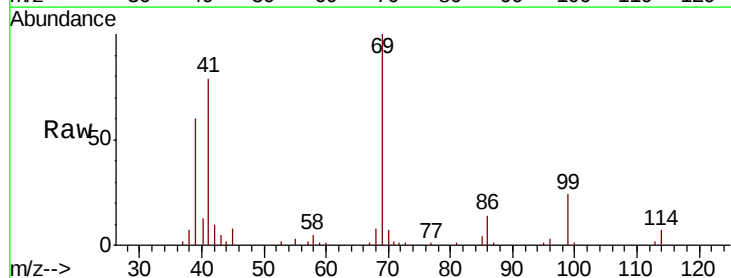
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

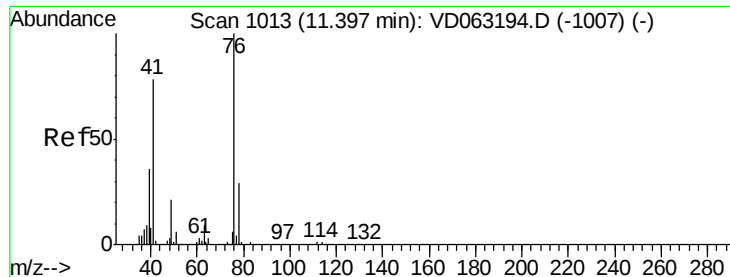
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 126112 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 75.6  | 64.8  | 97.2   |
| 85       | 52.7  | 44.9  | 67.3   |
| 99       | 58.7  | 47.2  | 70.8   |



#56  
 Ethyl methacrylate  
 Concen: 21.859 ug/l  
 RT: 11.05 min Scan# 978  
 Delta R.T. 0.02 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 136772 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 78.6  | 68.8  | 103.2  |
| 39       | 59.7  | 45.8  | 68.8   |





#57

1,3-Dichloropropane

Concen: 20.708 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.02 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

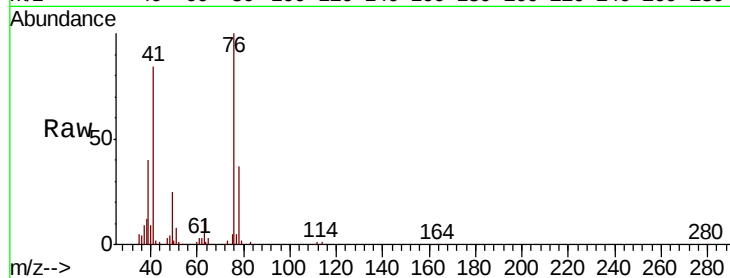
VD0807SBSD01

Tgt Ion: 76 Resp: 186433

Ion Ratio Lower Upper

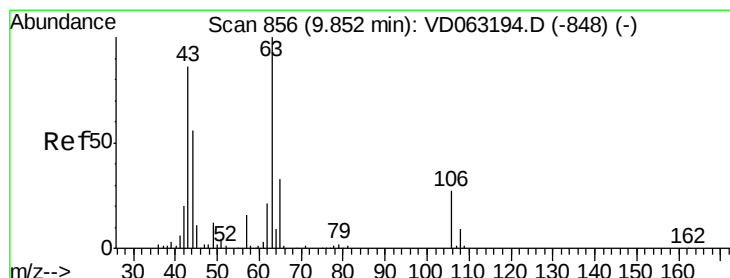
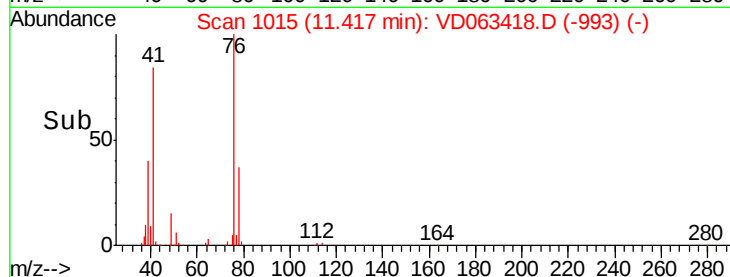
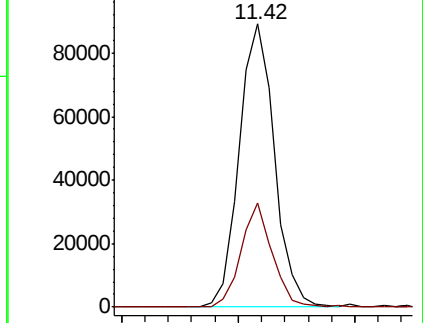
76 100

78 36.9 23.4 35.0#



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 104.365 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD063418.D

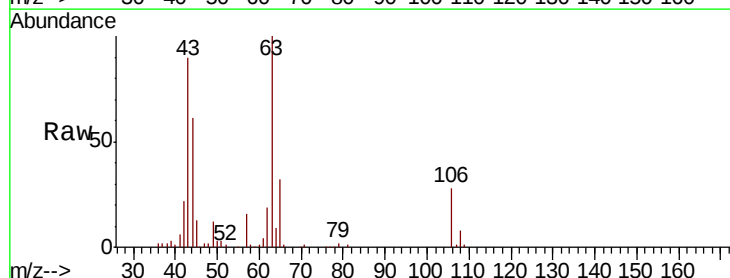
Acq: 7 Aug 2019 12:20

Tgt Ion: 63 Resp: 339787

Ion Ratio Lower Upper

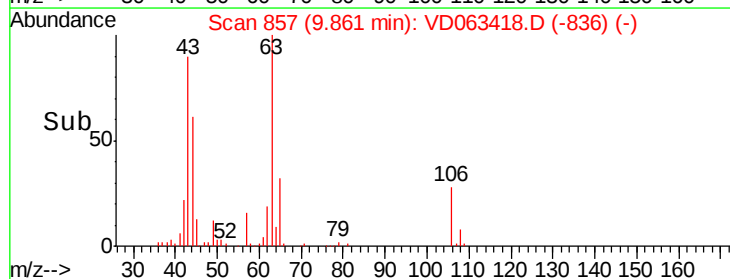
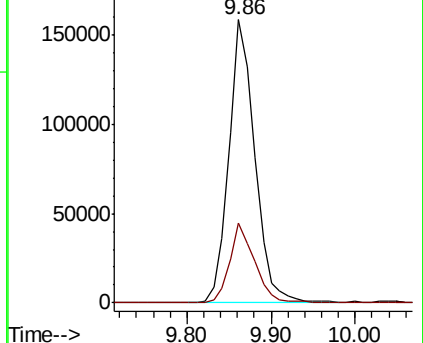
63 100

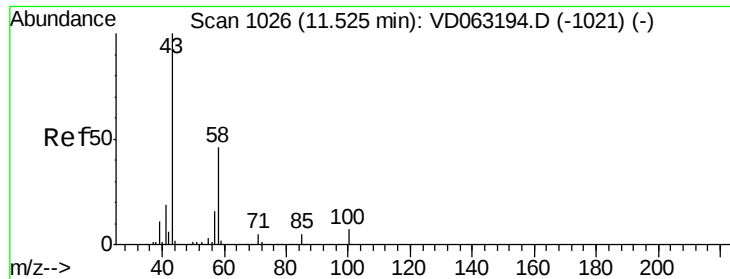
106 28.0 22.0 33.0



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

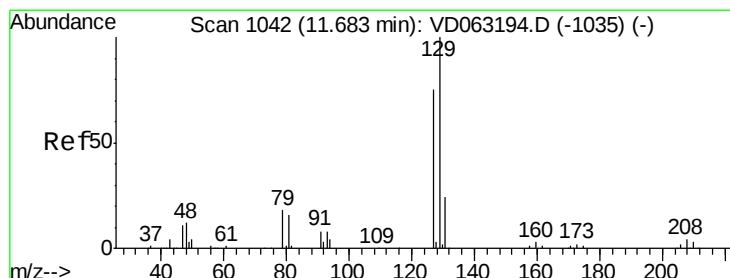
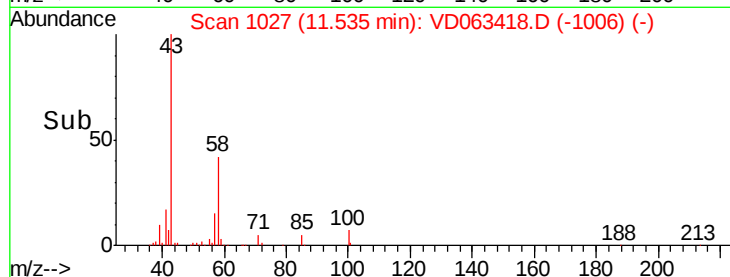
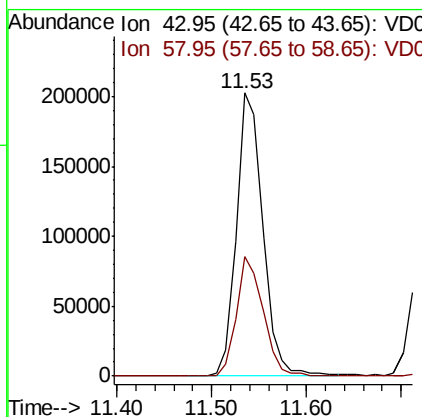
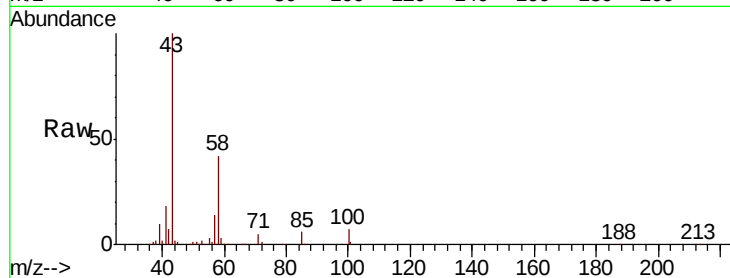




#59  
2-Hexanone  
Concen: 114.941 ug/l  
RT: 11.53 min Scan# 1027  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

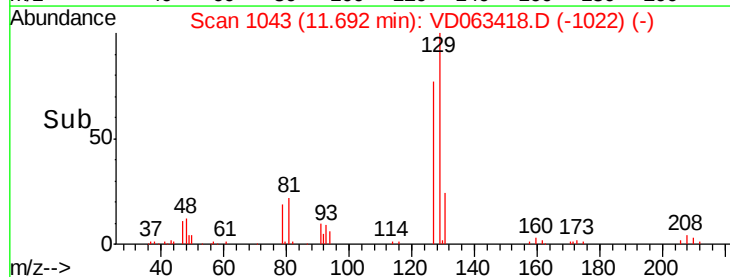
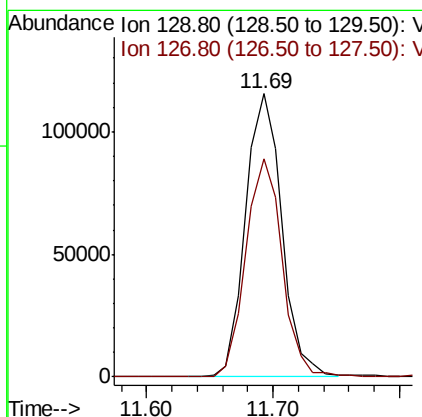
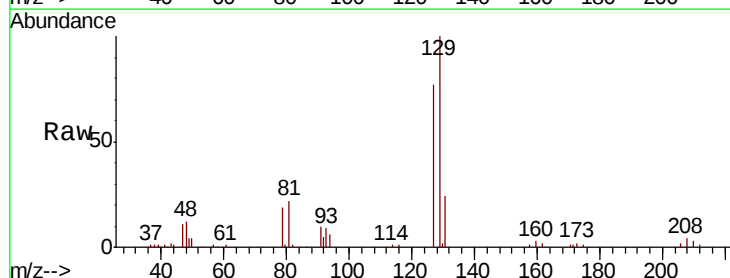
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBS01

Tgt Ion: 43 Resp: 392375  
Ion Ratio Lower Upper  
43 100  
58 42.2 22.9 68.5



#60  
Dibromochloromethane  
Concen: 21.386 ug/l  
RT: 11.69 min Scan# 1043  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 129 Resp: 230690  
Ion Ratio Lower Upper  
129 100  
127 77.0 37.6 112.8

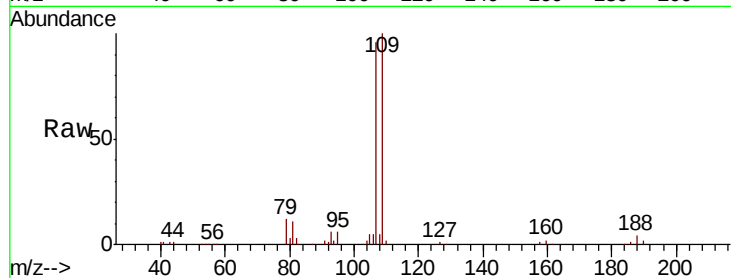




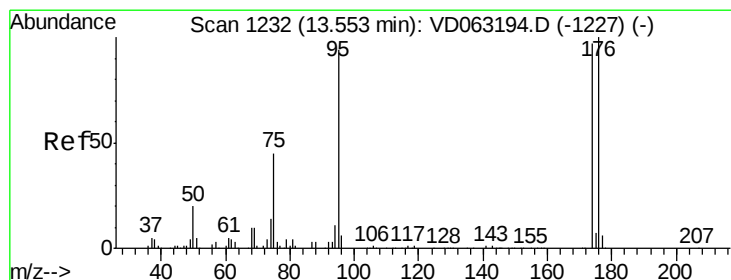
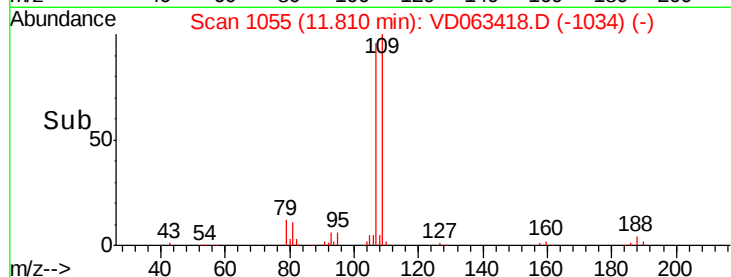
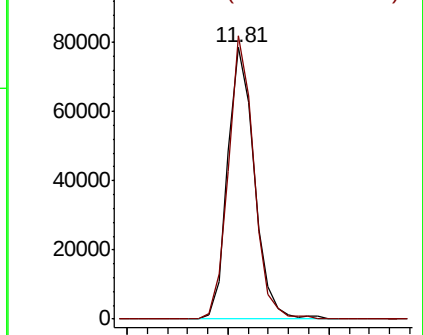
#61  
 1,2-Dibromoethane  
 Concen: 20.426 ug/l  
 RT: 11.81 min Scan# 1055  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

Tgt Ion: 107 Resp: 144019  
 Ion Ratio Lower Upper  
 107 100  
 109 104.3 77.5 116.3

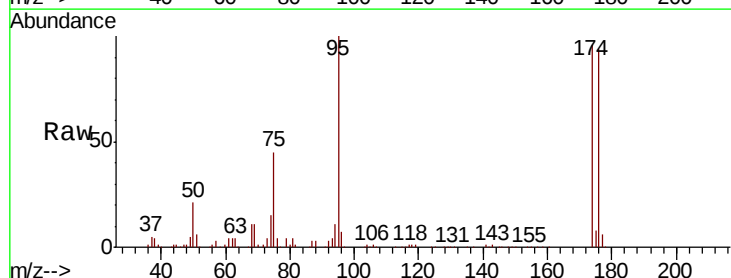


Abundance Ion 106.90 (106.60 to 107.60): V  
 Ion 108.90 (108.60 to 109.60): V

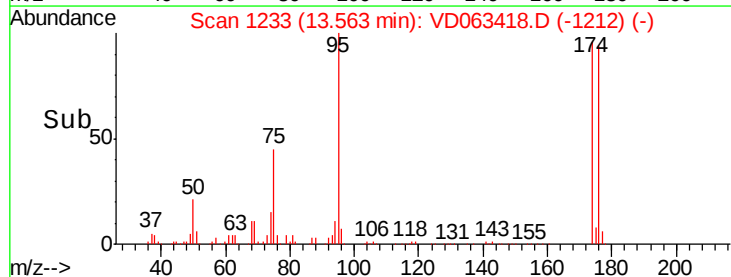
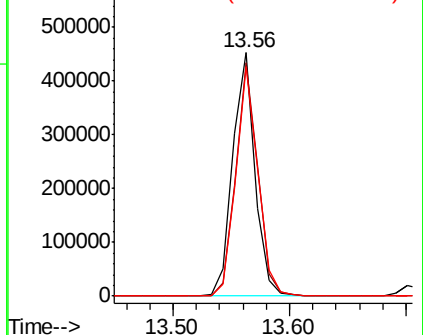


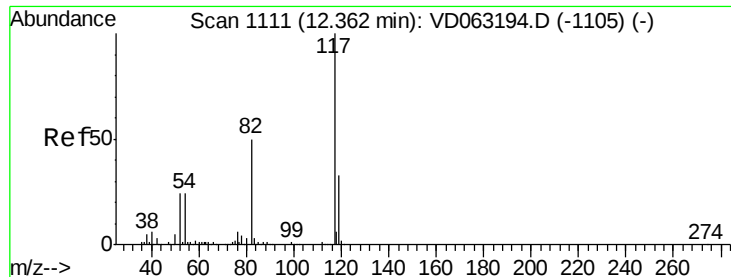
#62  
 4-Bromofluorobenzene  
 Concen: 51.509 ug/l  
 RT: 13.56 min Scan# 1233  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion: 95 Resp: 596484  
 Ion Ratio Lower Upper  
 95 100  
 174 96.0 0.0 205.4  
 176 94.1 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): V  
 Ion 173.90 (173.60 to 174.60): V  
 Ion 175.90 (175.60 to 176.60): V

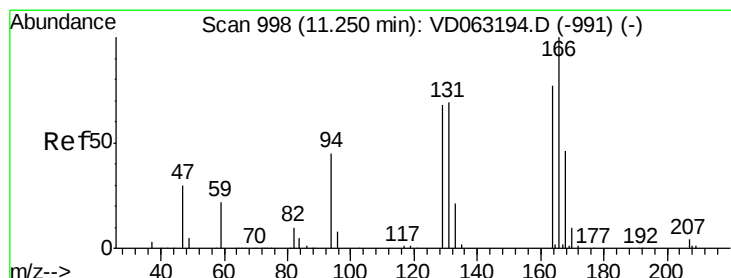
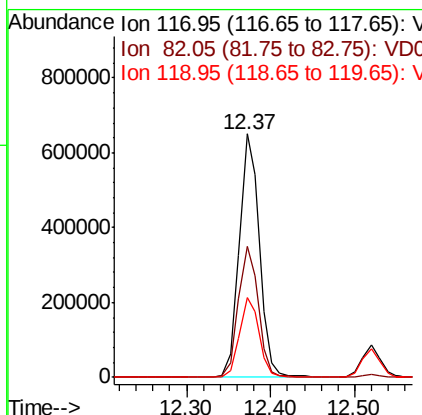
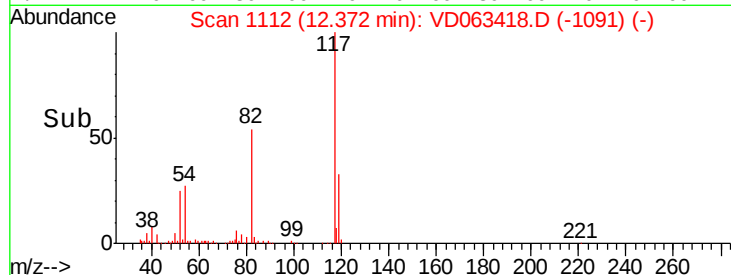
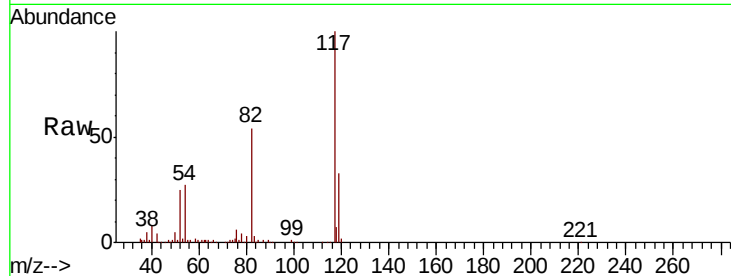




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.37 min Scan# 1112  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

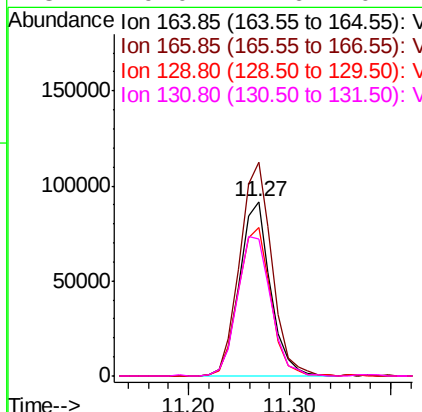
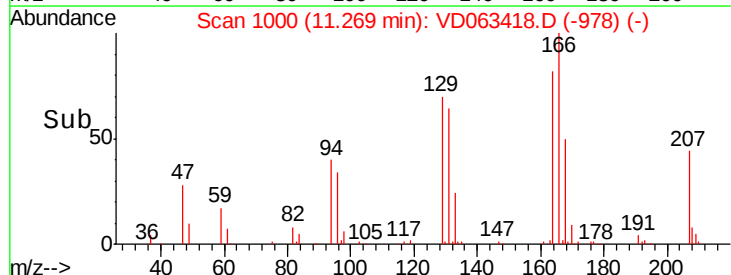
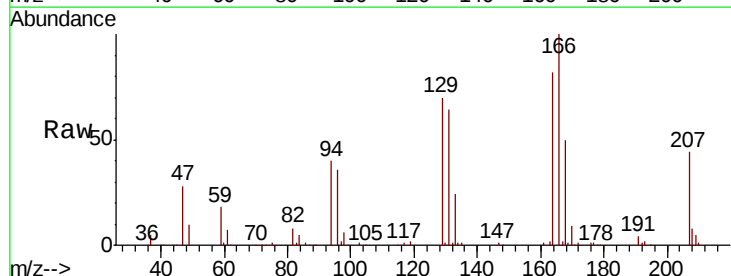
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

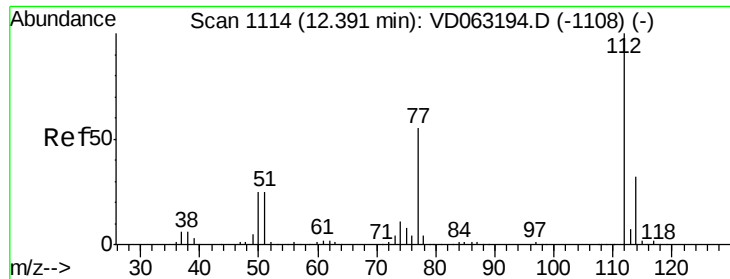
Tgt Ion:117 Resp: 1078225  
Ion Ratio Lower Upper  
117 100  
82 53.8 40.1 60.1  
119 32.9 26.5 39.7



#64  
Tetrachloroethene  
Concen: 22.926 ug/l  
RT: 11.27 min Scan# 1000  
Delta R.T. 0.02 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion:164 Resp: 196926  
Ion Ratio Lower Upper  
164 100  
166 122.5 104.3 156.5  
129 85.2 70.9 106.3  
131 79.0 71.6 107.4

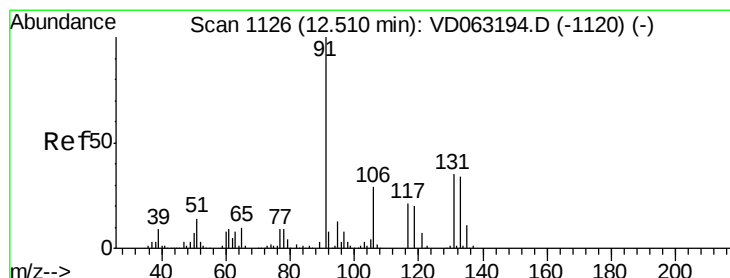
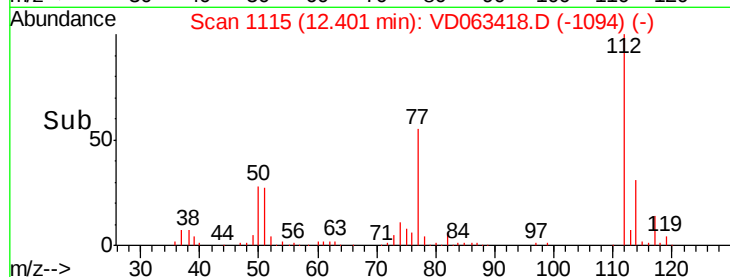
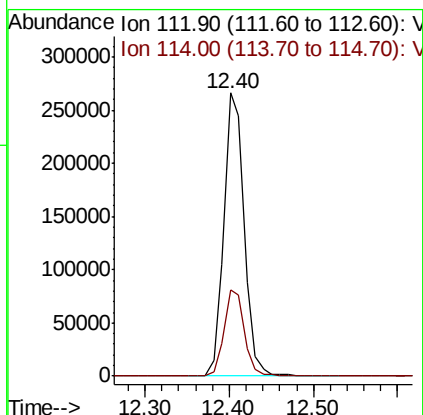
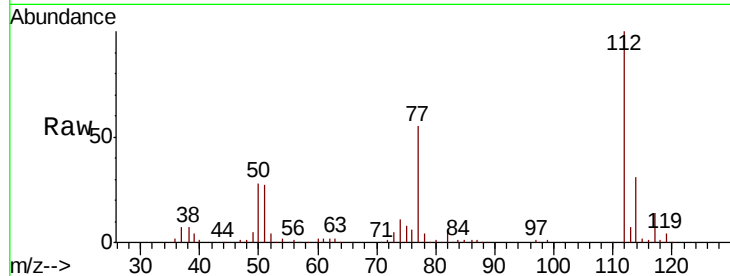




#65  
Chlorobenzene  
Concen: 21.352 ug/l  
RT: 12.40 min Scan# 1115  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

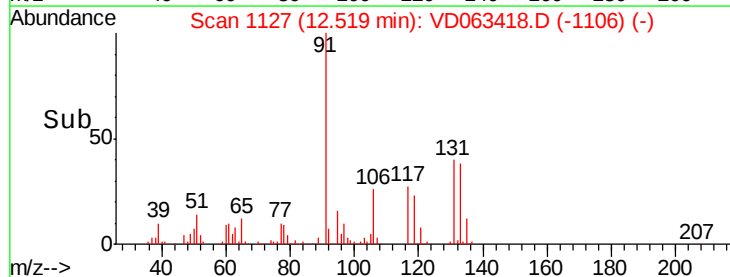
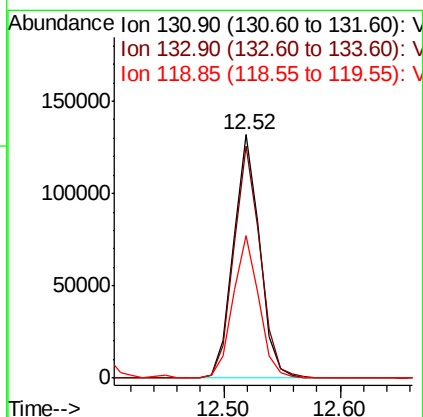
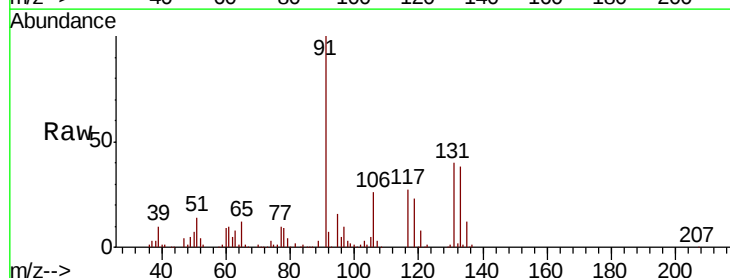
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

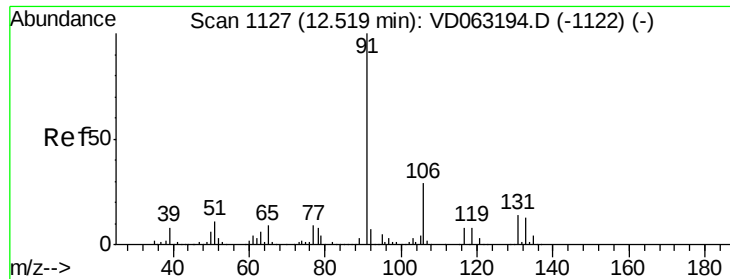
Tgt Ion:112 Resp: 442829  
Ion Ratio Lower Upper  
112 100  
114 30.6 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.423 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion:131 Resp: 204841  
Ion Ratio Lower Upper  
131 100  
133 95.2 48.4 145.2  
119 58.3 29.1 87.3

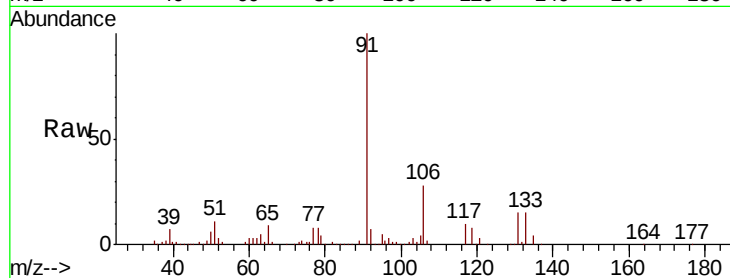




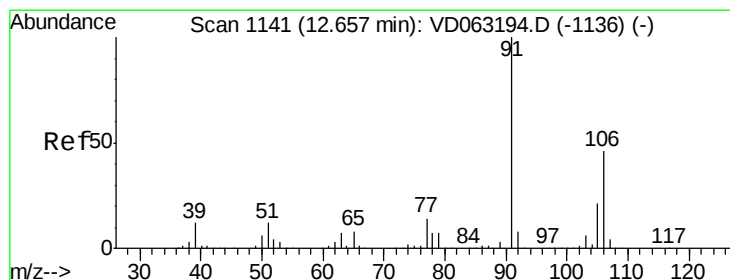
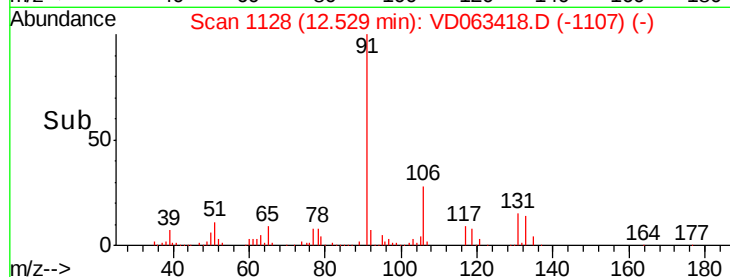
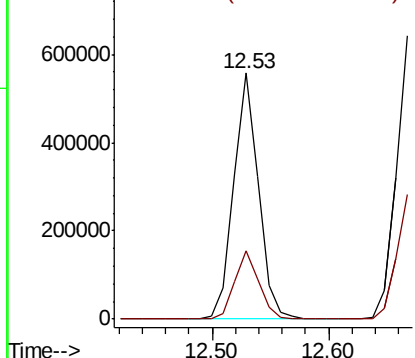
#67  
Ethyl Benzene  
Concen: 23.310 ug/l  
RT: 12.53 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

Tgt Ion: 91 Resp: 821232  
Ion Ratio Lower Upper  
91 100  
106 27.6 22.9 34.3

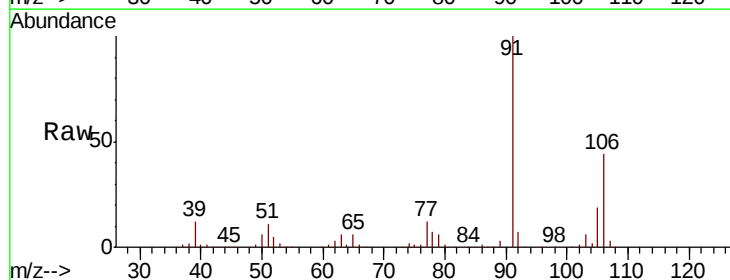


Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 106.05 (105.75 to 106.75): V

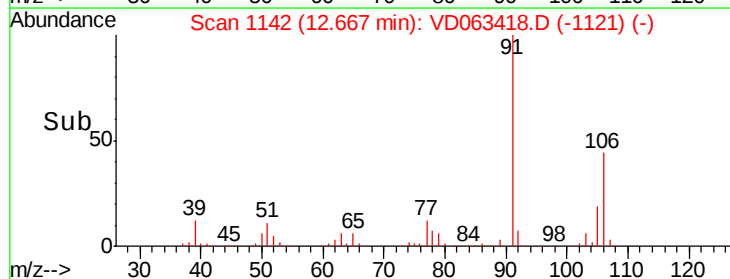
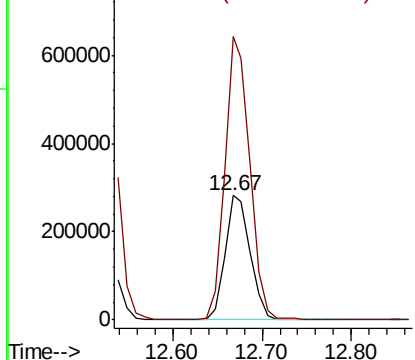


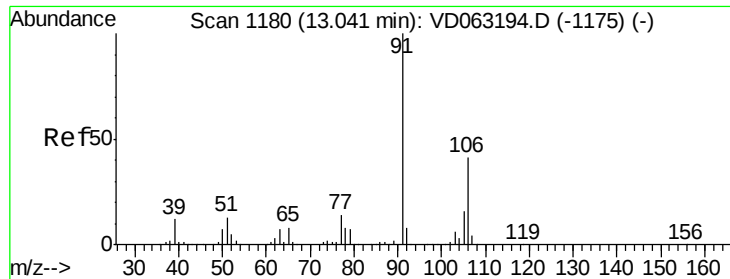
#68  
m/p-Xylenes  
Concen: 43.249 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 106 Resp: 558787  
Ion Ratio Lower Upper  
106 100  
91 228.0 172.6 259.0



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

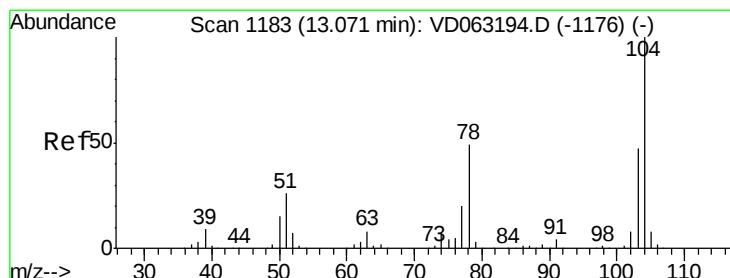
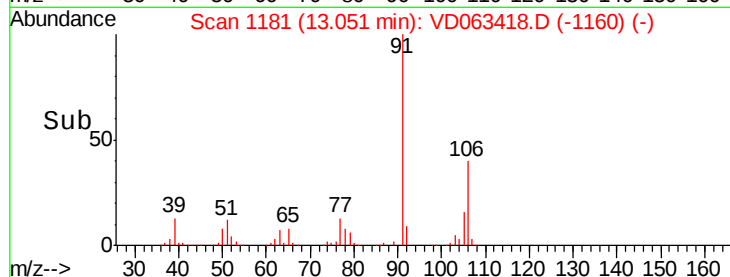
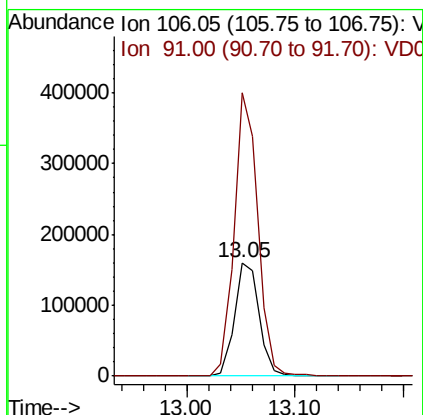
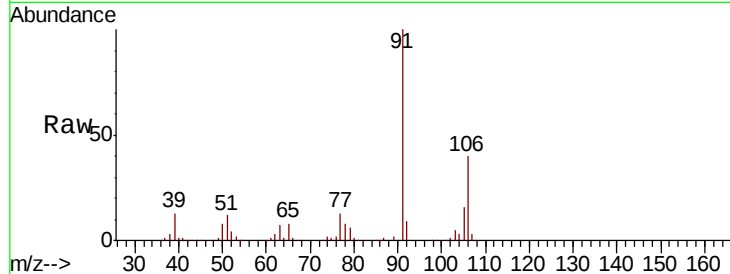




#69  
o-Xylene  
Concen: 21.371 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

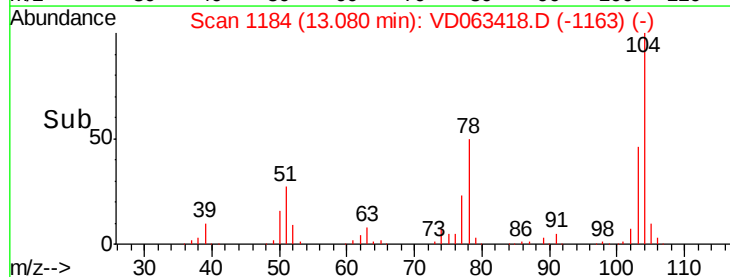
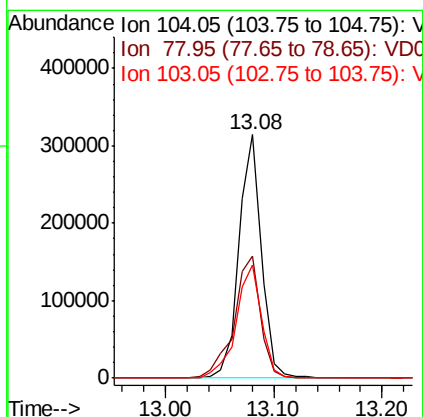
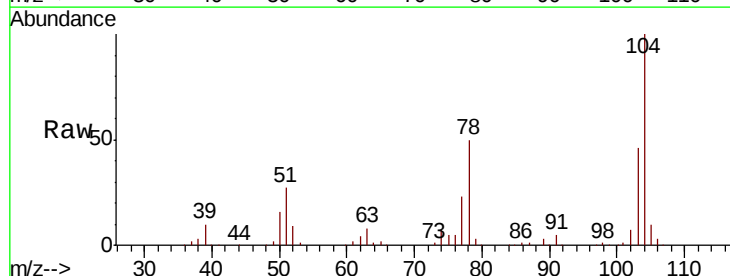
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

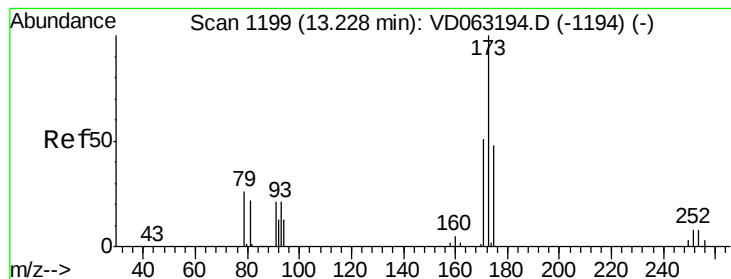
Tgt Ion:106 Resp: 253562  
Ion Ratio Lower Upper  
106 100  
91 249.3 121.3 363.9



#70  
Styrene  
Concen: 21.439 ug/l  
RT: 13.08 min Scan# 1184  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion:104 Resp: 451111  
Ion Ratio Lower Upper  
104 100  
78 50.3 39.4 59.0  
103 46.3 37.4 56.2





#71

Bromoform

Concen: 22.662 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

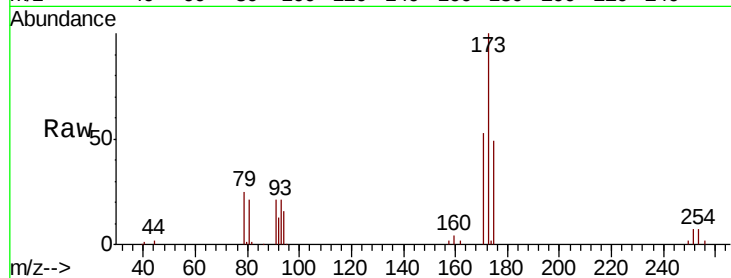
Tgt Ion:173 Resp: 150555

Ion Ratio Lower Upper

173 100

175 49.0 23.8 71.5

254 6.6 6.6 10.0#

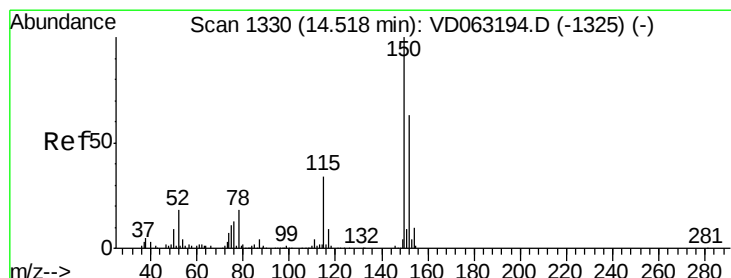
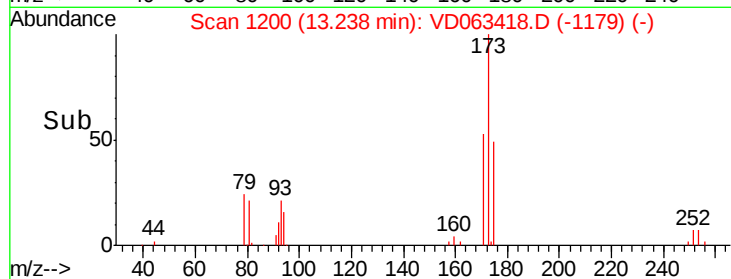
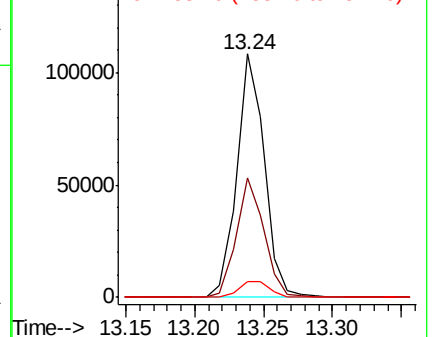


Abundance

Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

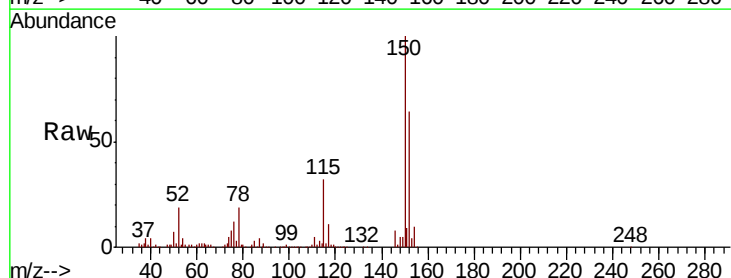
Tgt Ion:152 Resp: 627005

Ion Ratio Lower Upper

152 100

115 50.7 27.5 82.4

150 156.5 0.0 320.6

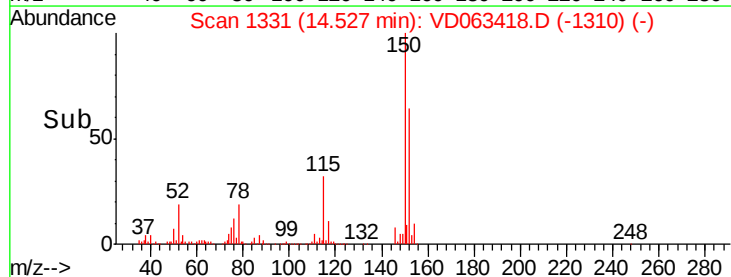
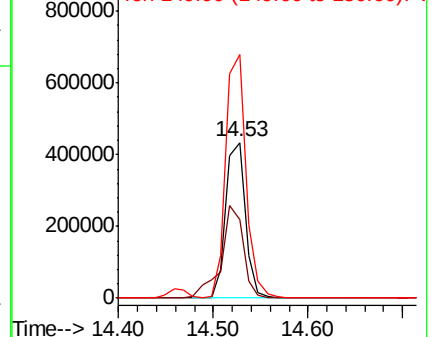


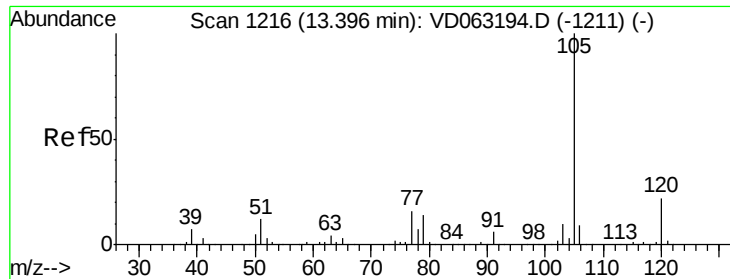
Abundance

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: 20.794 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

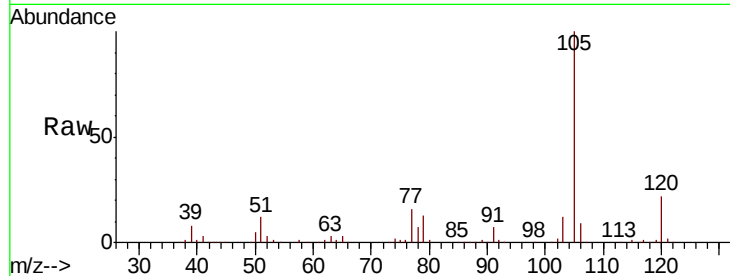
VD0807SBSD01

Tgt Ion: 105 Resp: 818290

Ion Ratio Lower Upper

105 100

120 21.8 11.1 33.3



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

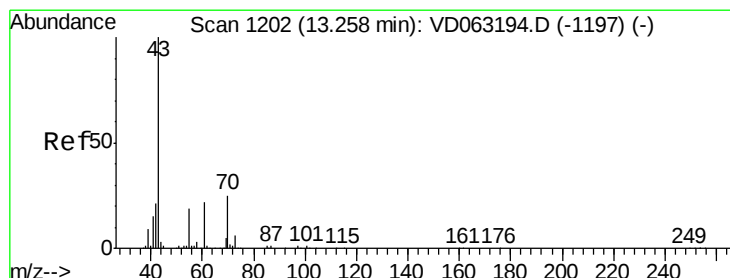
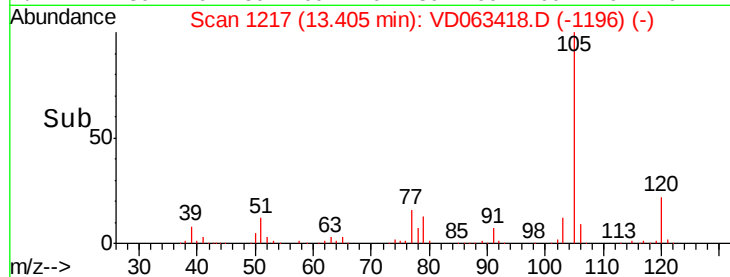
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 20.781 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Tgt Ion: 43 Resp: 216190

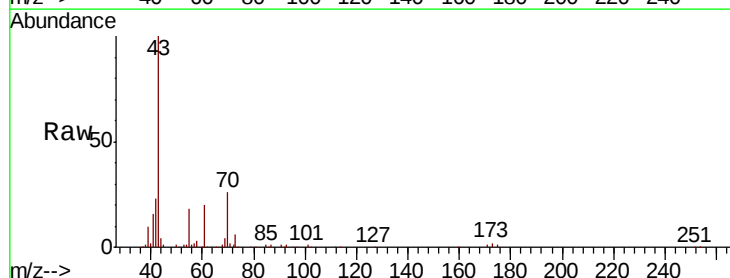
Ion Ratio Lower Upper

43 100

70 25.9 20.2 30.4

55 17.6 14.9 22.3

61 20.5 17.9 26.9



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

13.27

250000

200000

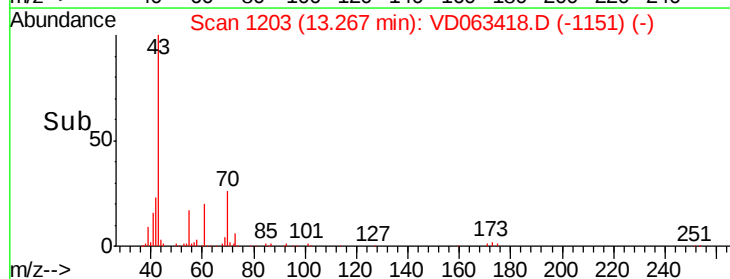
150000

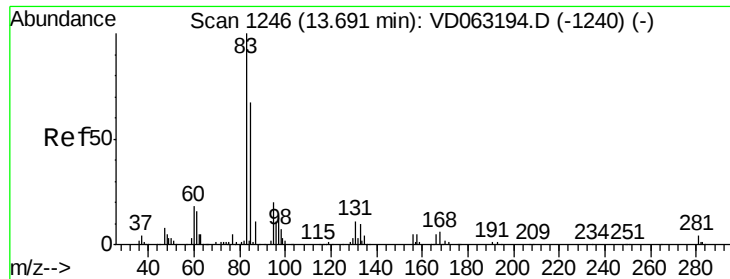
100000

50000

0

Time--> 13.20 13.30





#75

1,1,2,2-Tetrachloroethane

Concen: 22.307 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

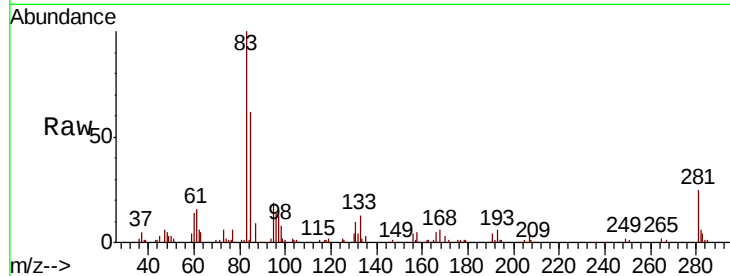
Tgt Ion: 83 Resp: 149117

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.7

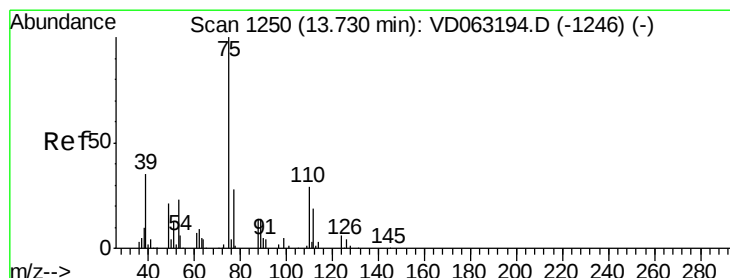
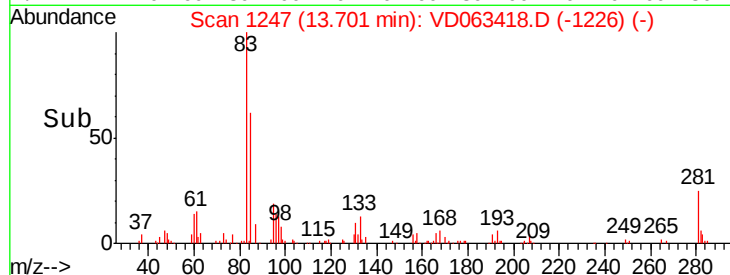
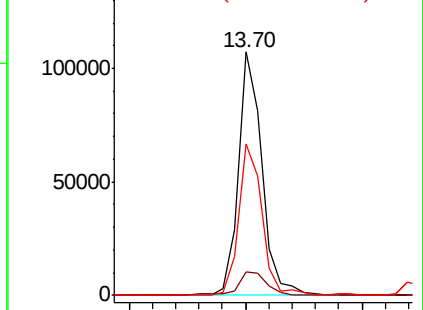
85 62.0 33.7 101.1



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 20.500 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. 0.01 min

Lab File: VD063418.D

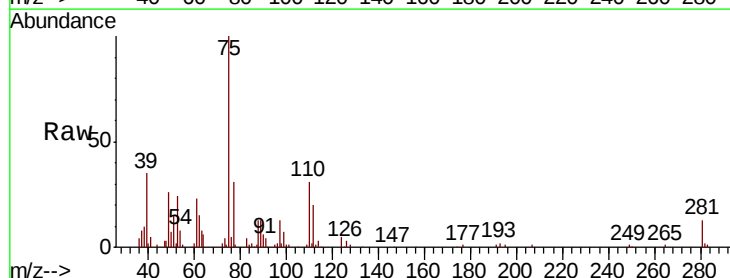
Acq: 7 Aug 2019 12:20

Tgt Ion: 75 Resp: 154386

Ion Ratio Lower Upper

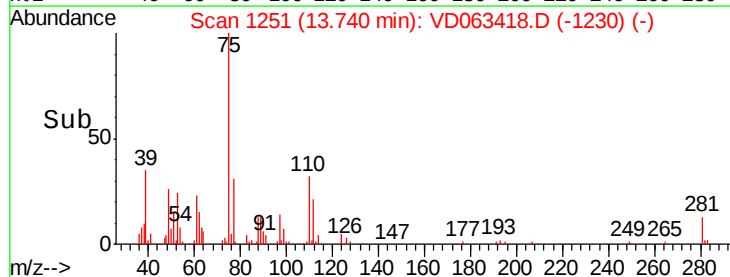
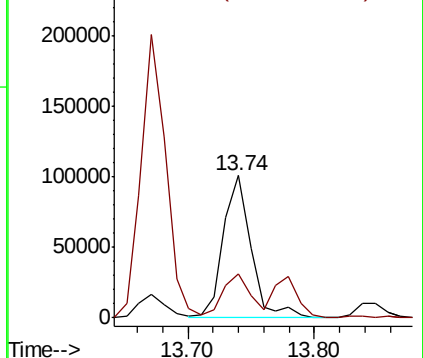
75 100

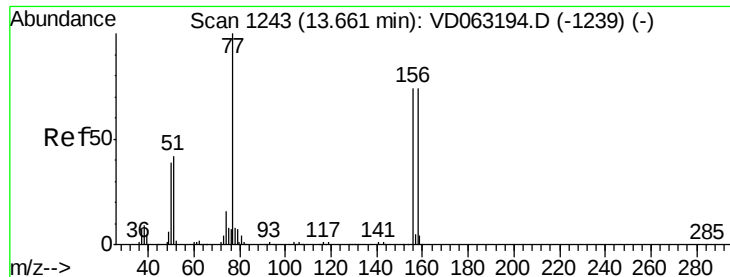
77 30.7 16.0 48.0



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.668 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBSD01

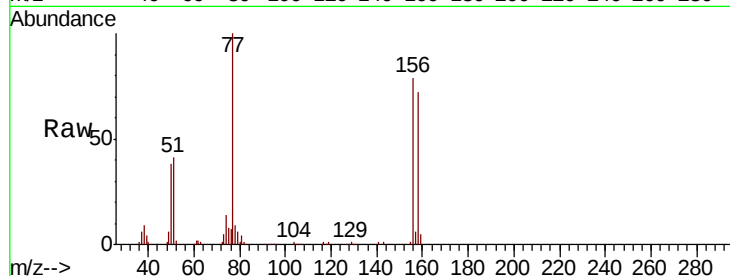
Tgt Ion: 156 Resp: 231694

Ion Ratio Lower Upper

156 100

77 126.2 67.6 202.8

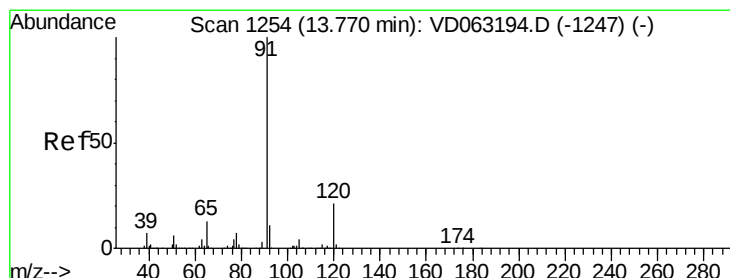
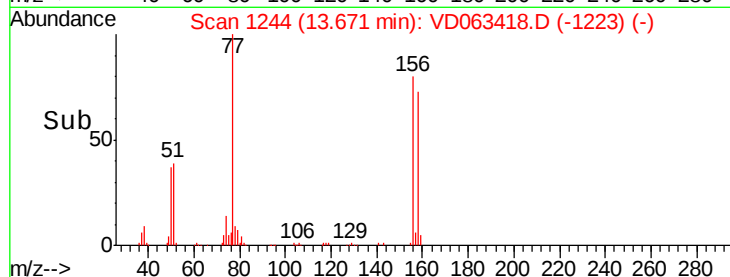
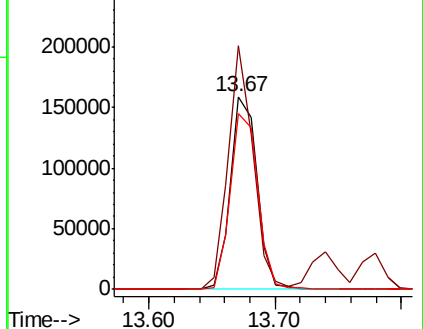
158 91.2 49.8 149.4



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: 21.356 ug/l

RT: 13.78 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VD063418.D

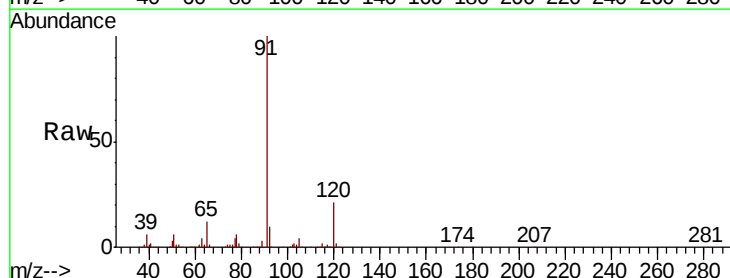
Acq: 7 Aug 2019 12:20

Tgt Ion: 91 Resp: 1000116

Ion Ratio Lower Upper

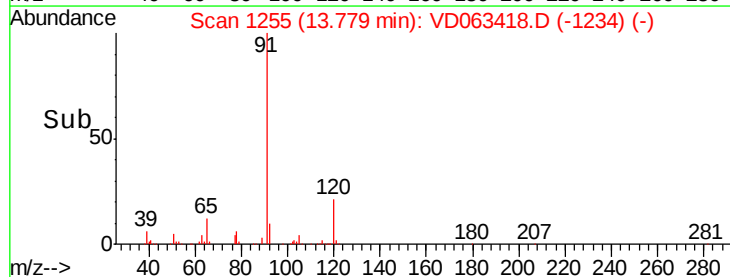
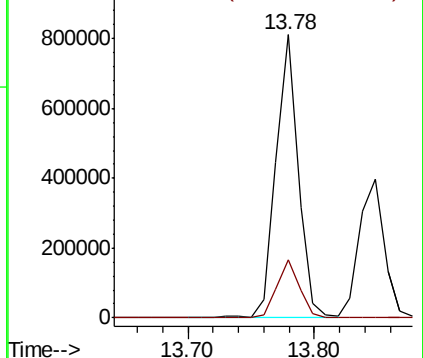
91 100

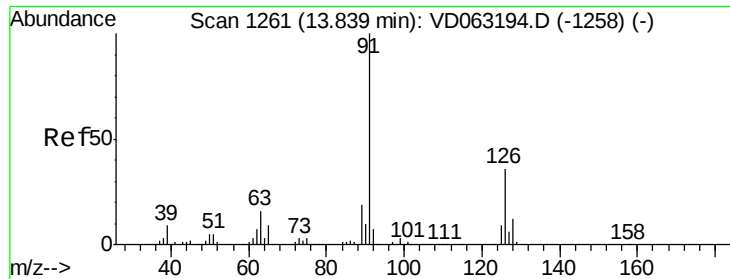
120 20.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V





#79

2-Chlorotoluene

Concen: 19.986 ug/l

RT: 13.85 min Scan# 1262

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

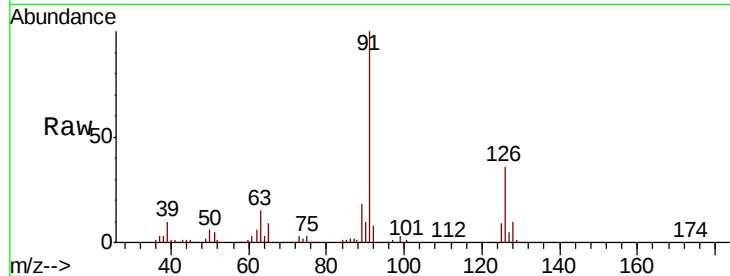
VD0807SBSD01

Tgt Ion: 91 Resp: 542319

Ion Ratio Lower Upper

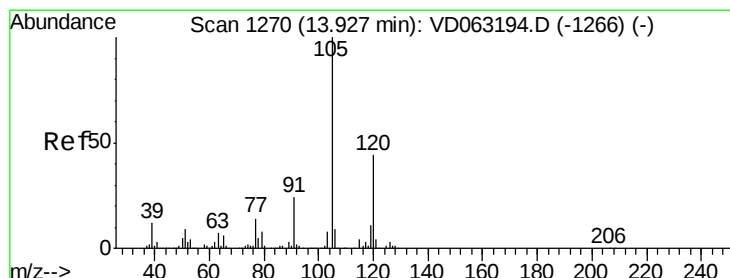
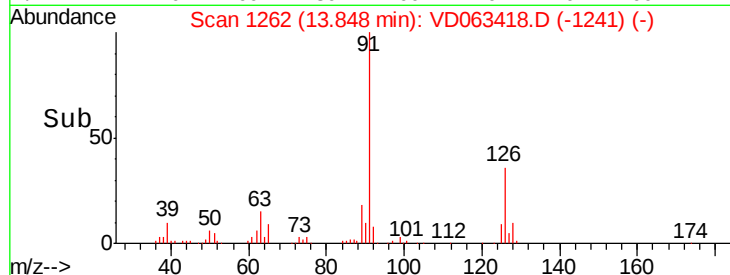
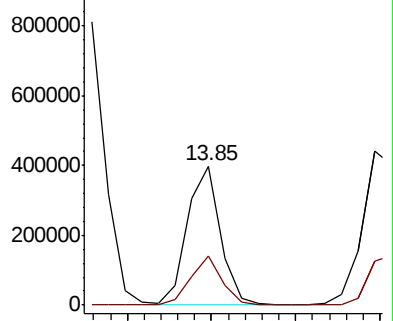
91 100

126 35.8 17.8 53.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.95 (125.65 to 126.65): V



#80

1,3,5-Trimethylbenzene

Concen: 21.376 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. 0.01 min

Lab File: VD063418.D

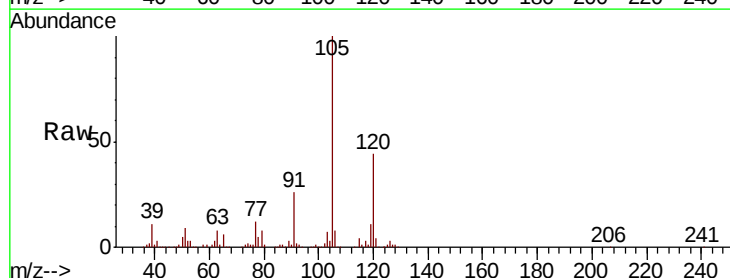
Acq: 7 Aug 2019 12:20

Tgt Ion: 105 Resp: 725536

Ion Ratio Lower Upper

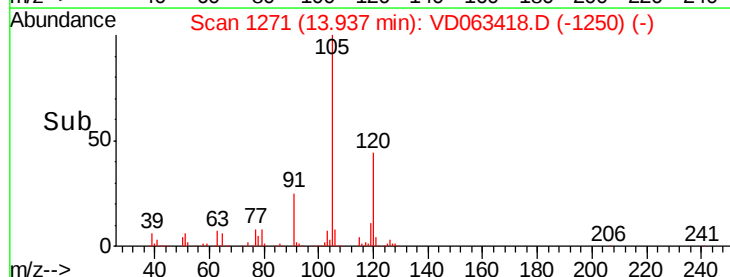
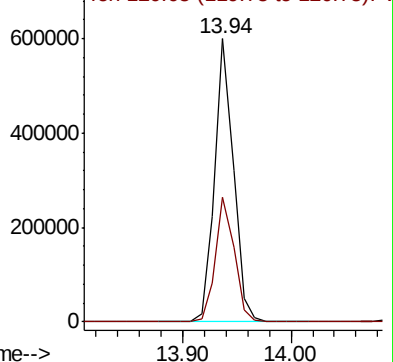
105 100

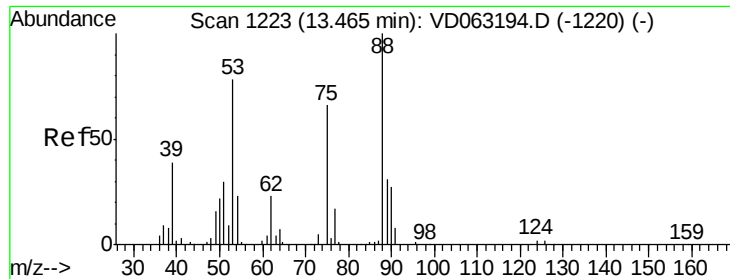
120 44.0 22.1 66.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.044 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

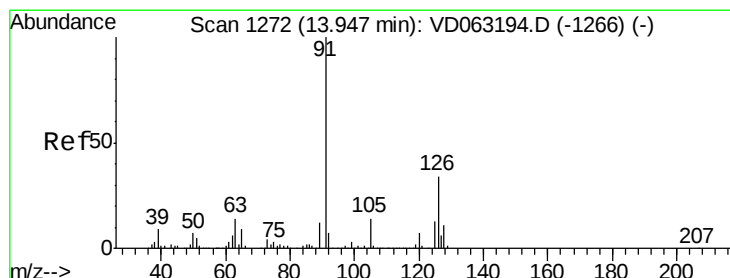
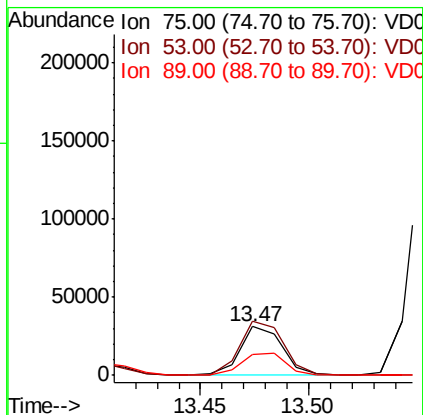
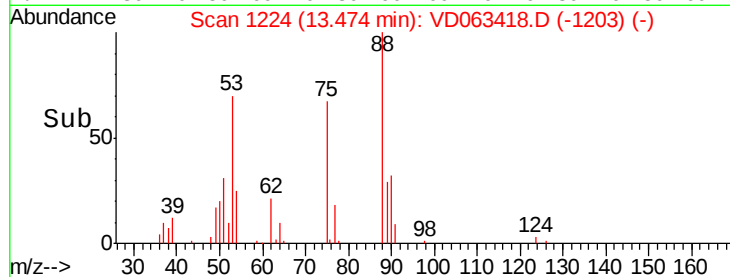
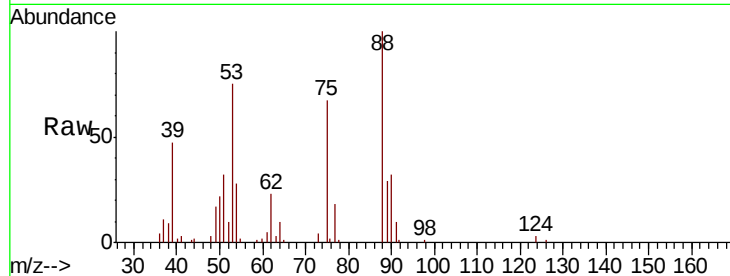
Tgt Ion: 75 Resp: 41916

Ion Ratio Lower Upper

75 100

53 111.7 94.9 142.3

89 43.6 37.4 56.0



#82

4-Chlorotoluene

Concen: 21.336 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.00 min

Lab File: VD063418.D

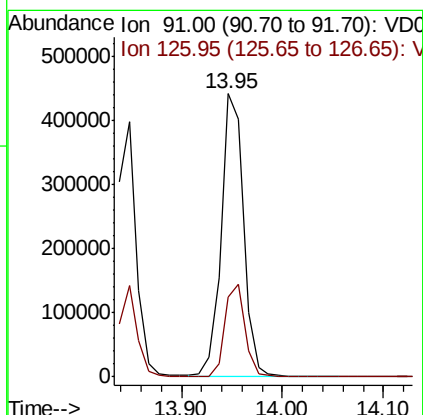
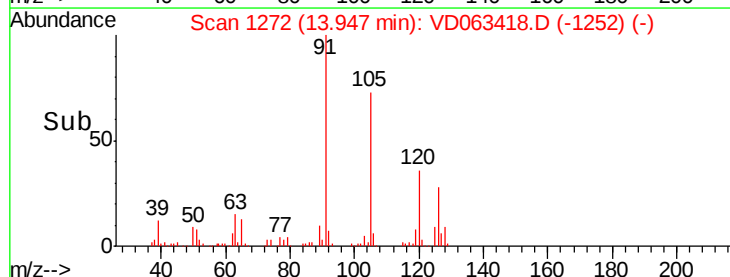
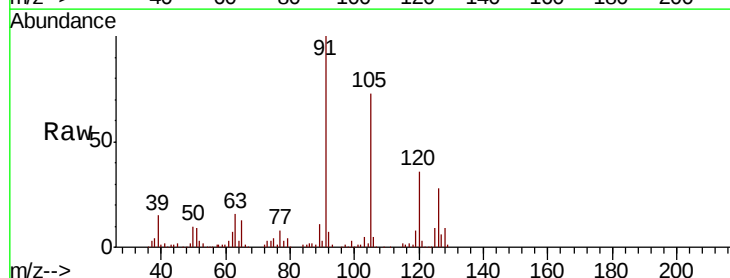
Acq: 7 Aug 2019 12:20

Tgt Ion: 91 Resp: 681366

Ion Ratio Lower Upper

91 100

126 28.2 17.1 51.2

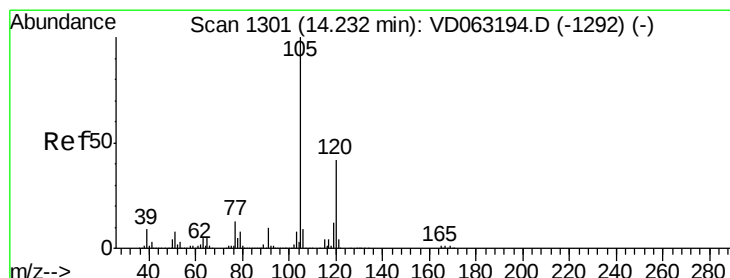
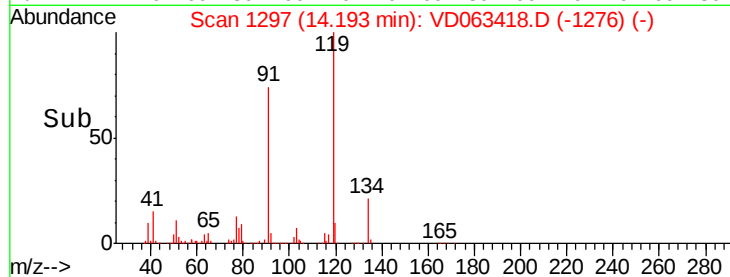
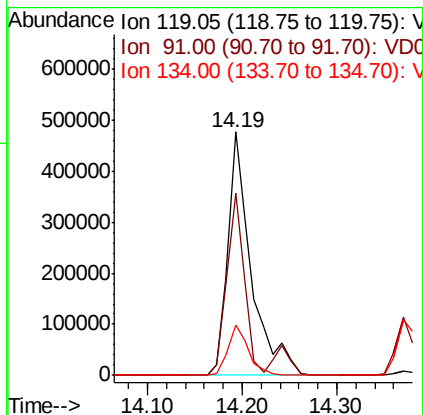
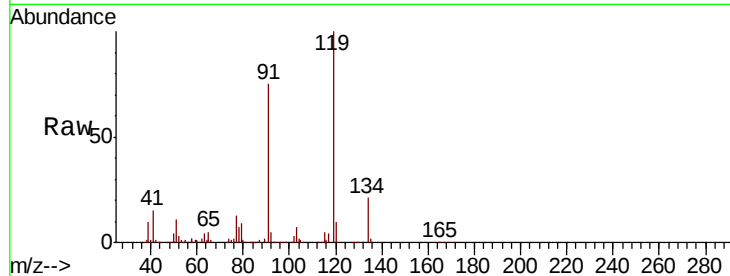




#83  
 tert-Butylbenzene  
 Concen: 20.978 ug/l  
 RT: 14.19 min Scan# 1297  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

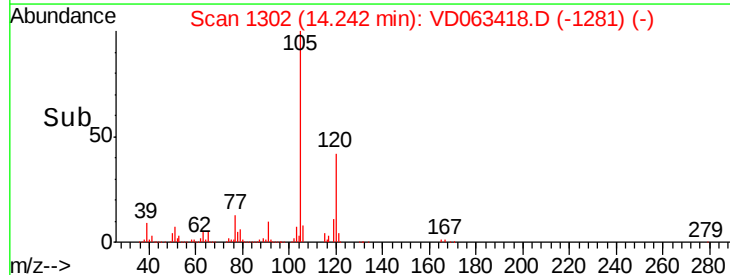
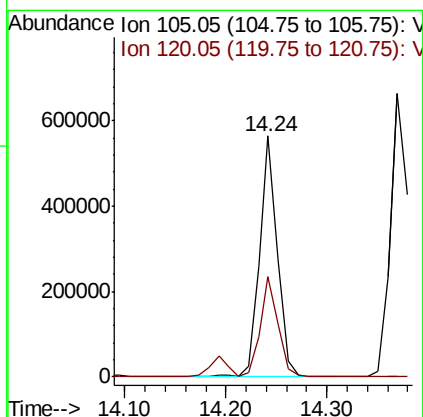
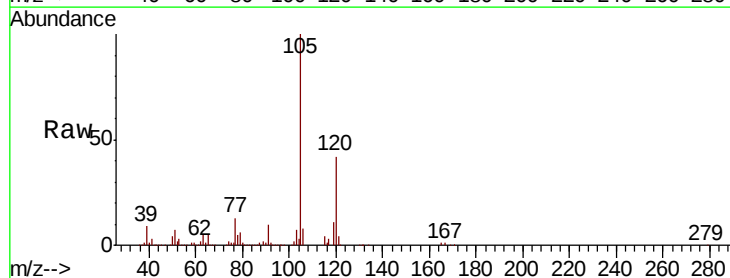
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBS01

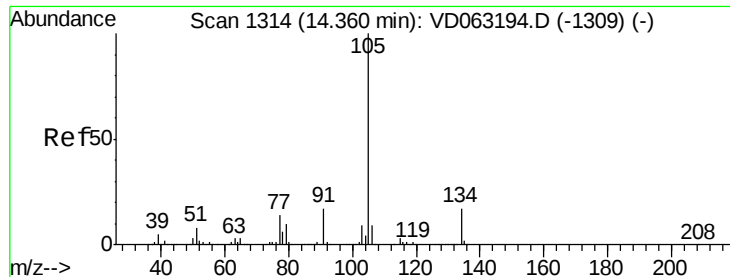
Tgt Ion:119 Resp: 812984  
 Ion Ratio Lower Upper  
 119 100  
 91 74.7 39.1 117.5  
 134 20.7 10.9 32.6



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.799 ug/l  
 RT: 14.24 min Scan# 1302  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion:105 Resp: 695073  
 Ion Ratio Lower Upper  
 105 100  
 120 41.9 20.9 62.7

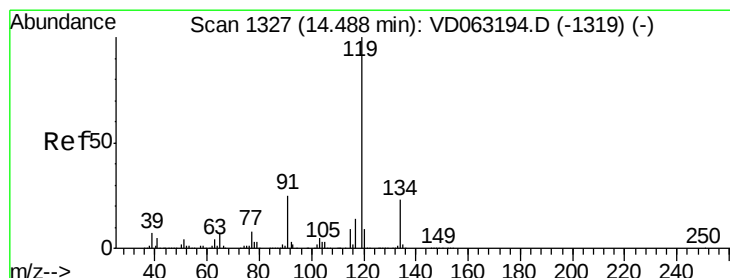
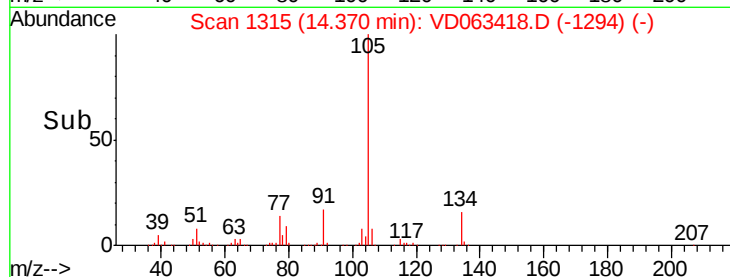
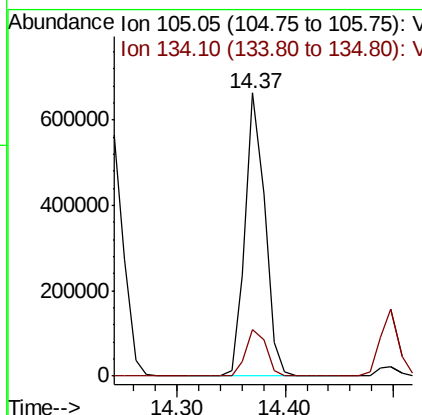
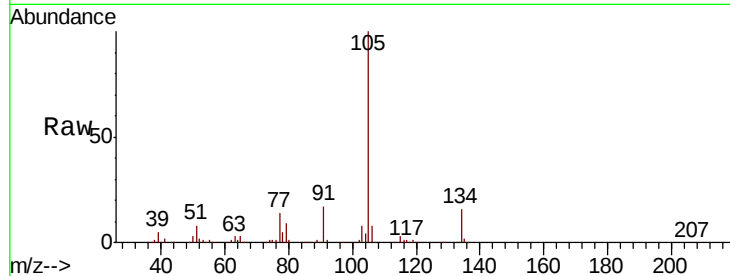




#85  
 sec-Butylbenzene  
 Concen: 20.742 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

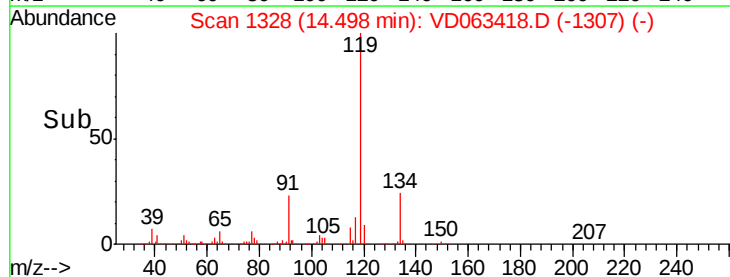
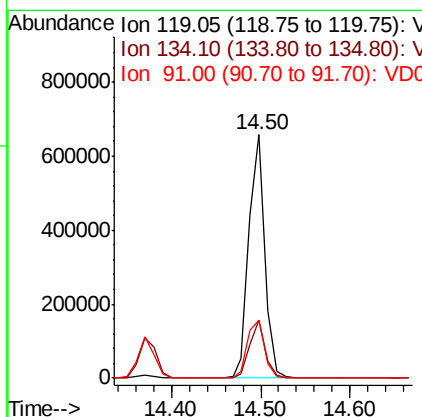
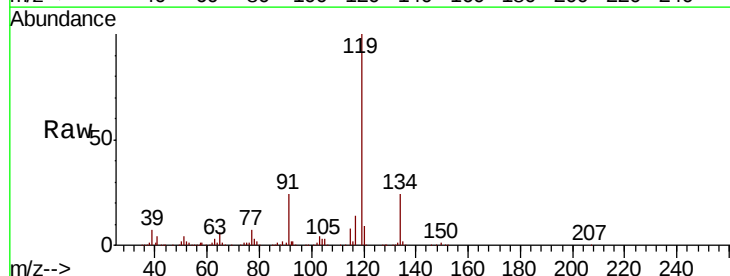
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

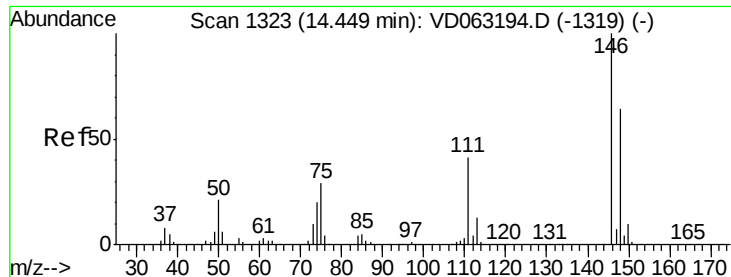
Tgt Ion:105 Resp: 846918  
 Ion Ratio Lower Upper  
 105 100  
 134 16.4 8.3 24.9



#86  
 p-Isopropyltoluene  
 Concen: 20.771 ug/l  
 RT: 14.50 min Scan# 1328  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion:119 Resp: 809468  
 Ion Ratio Lower Upper  
 119 100  
 134 24.0 11.5 34.5  
 91 23.6 12.6 37.6

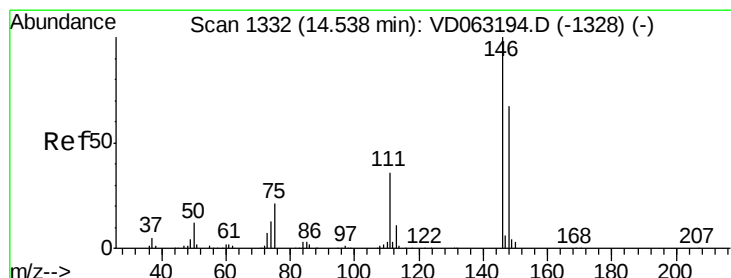
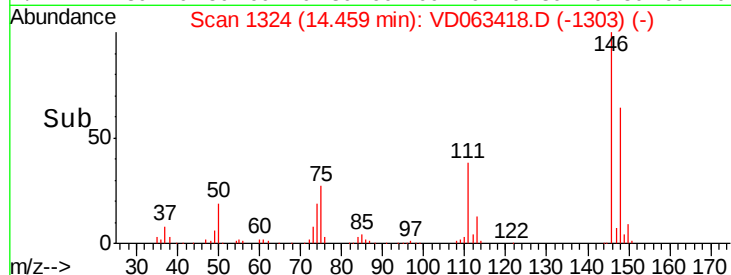
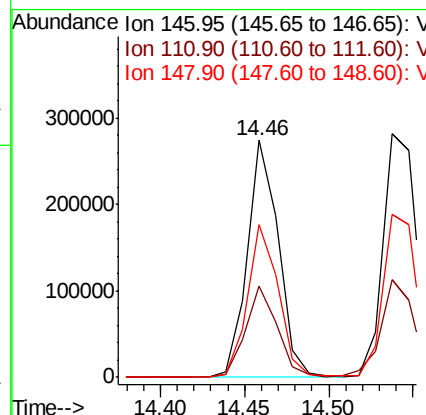
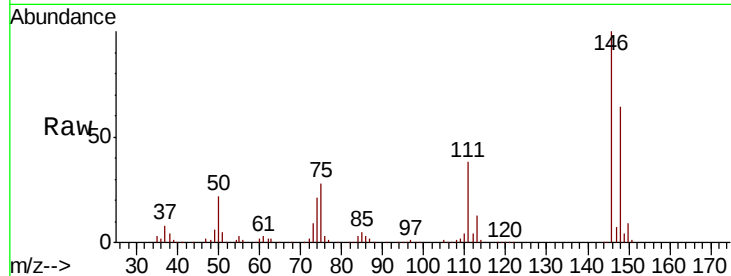




#87  
 1,3-Dichlorobenzene  
 Concen: 17.678 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

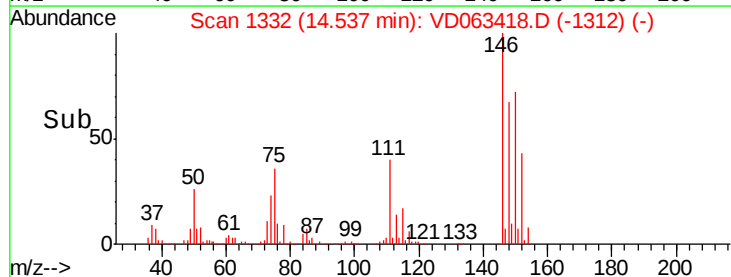
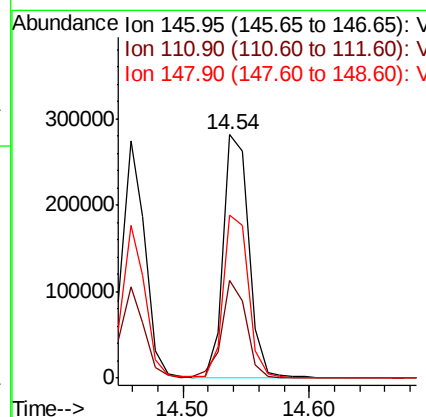
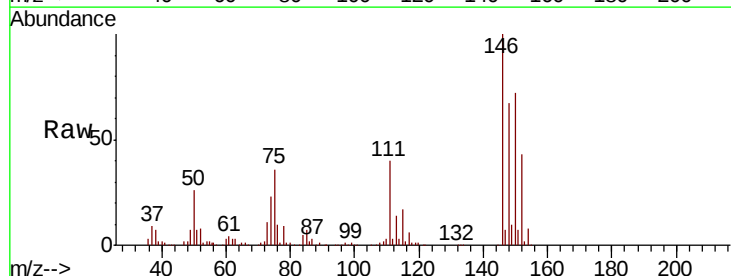
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

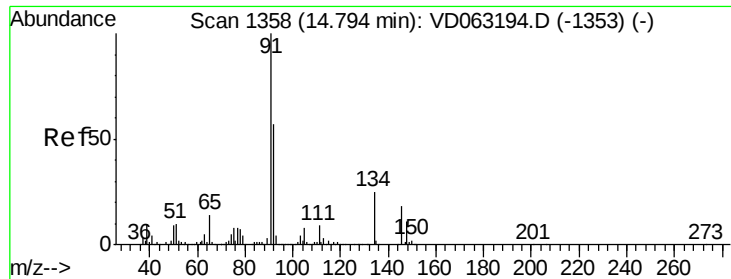
Tgt Ion:146 Resp: 350967  
 Ion Ratio Lower Upper  
 146 100  
 111 38.3 20.4 61.3  
 148 64.4 31.8 95.4



#88  
 1,4-Dichlorobenzene  
 Concen: 19.701 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion:146 Resp: 395504  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 18.1 54.3  
 148 67.1 33.4 100.1

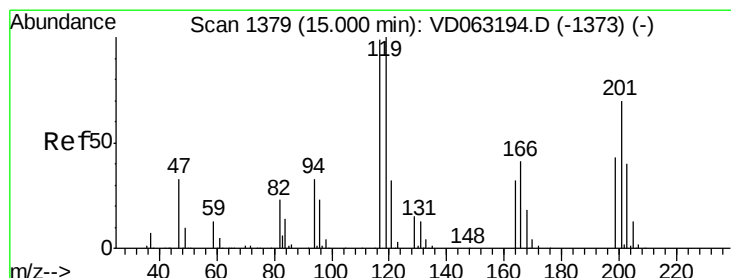
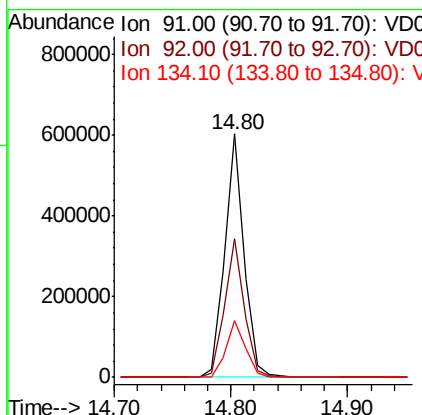
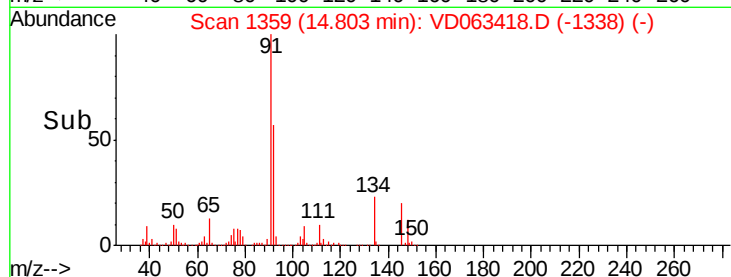
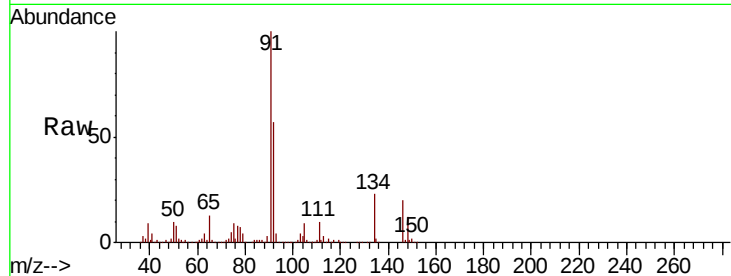




#89  
n-Butylbenzene  
Concen: 20.532 ug/l  
RT: 14.80 min Scan# 1359  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

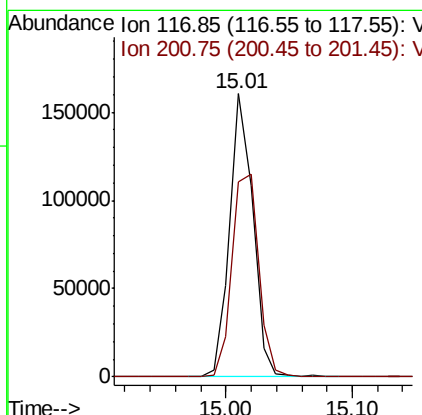
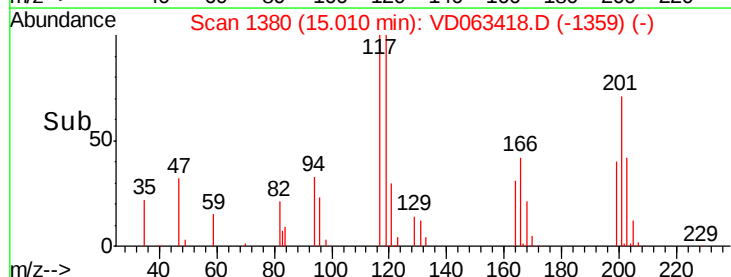
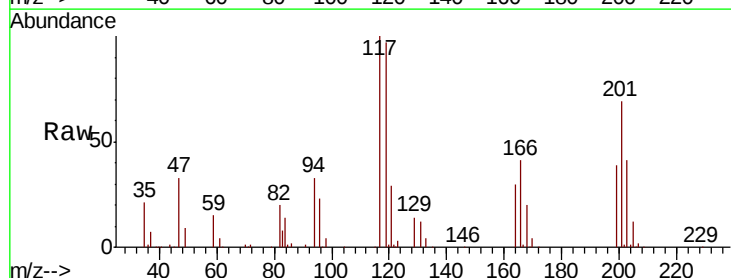
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

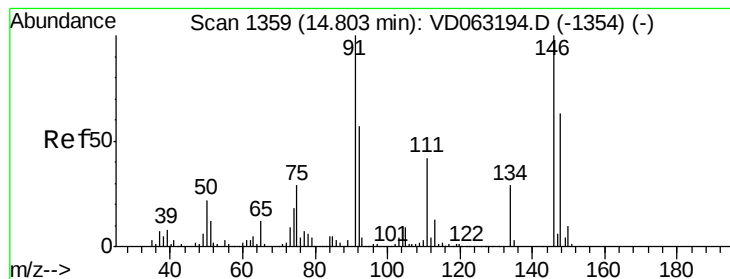
Tgt Ion: 91 Resp: 691090  
Ion Ratio Lower Upper  
91 100  
92 56.7 28.3 85.0  
134 23.2 12.3 36.8



#90  
Hexachloroethane  
Concen: 20.094 ug/l  
RT: 15.01 min Scan# 1380  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Tgt Ion: 117 Resp: 204024  
Ion Ratio Lower Upper  
117 100  
201 68.9 35.2 105.6





#91

1,2-Dichlorobenzene

Concen: 20.207 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

Instrument :

MSVOA\_D

ClientSampleId :

VD0807SBS01

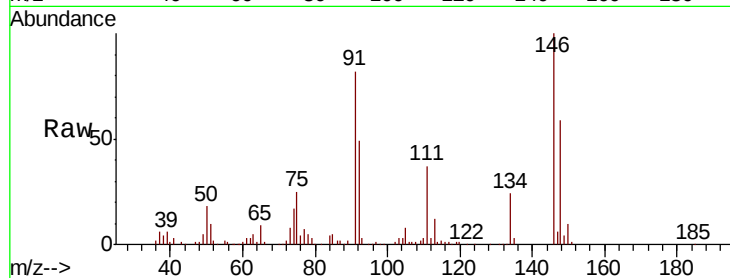
Tgt Ion:146 Resp: 349520

Ion Ratio Lower Upper

146 100

111 37.2 21.1 63.3

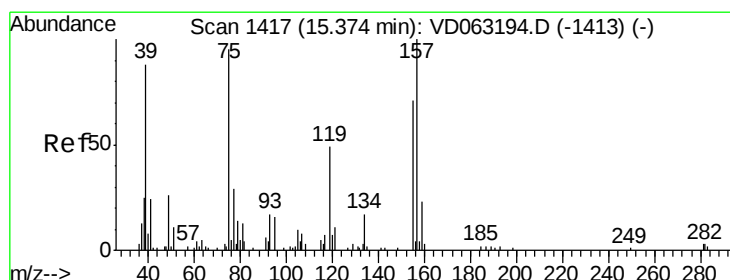
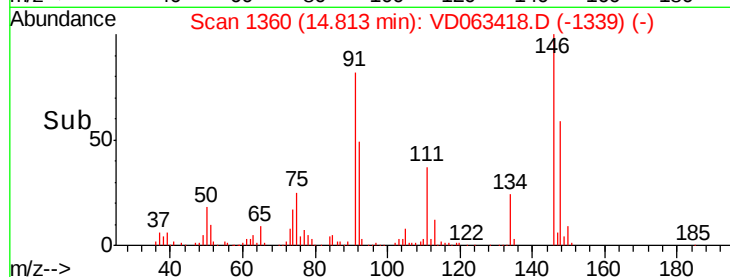
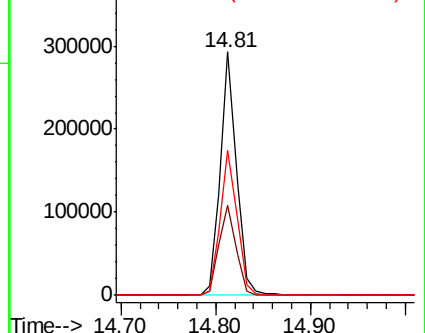
148 59.5 31.6 94.8



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: 19.504 ug/l

RT: 15.38 min Scan# 1418

Delta R.T. 0.01 min

Lab File: VD063418.D

Acq: 7 Aug 2019 12:20

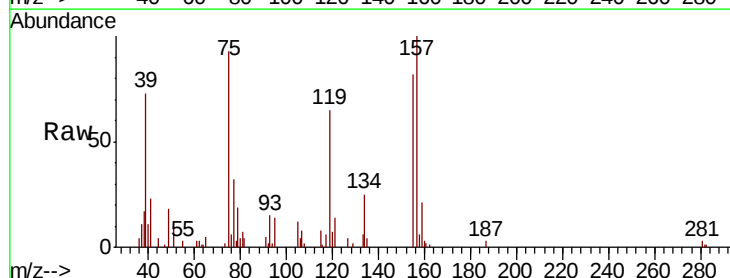
Tgt Ion: 75 Resp: 26557

Ion Ratio Lower Upper

75 100

155 88.0 37.0 111.0

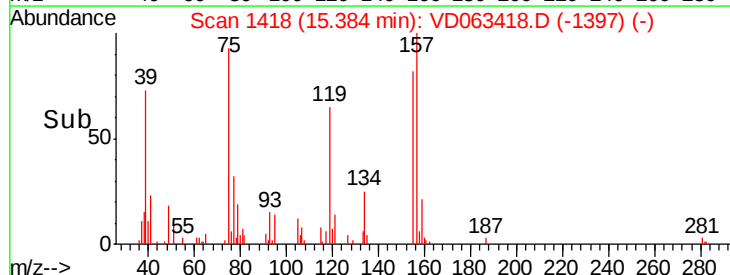
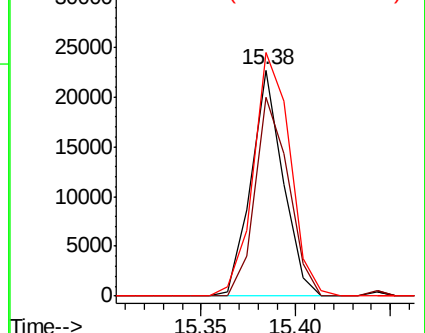
157 107.7 52.4 157.2

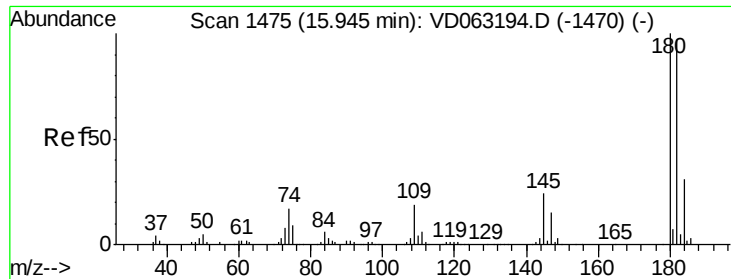


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

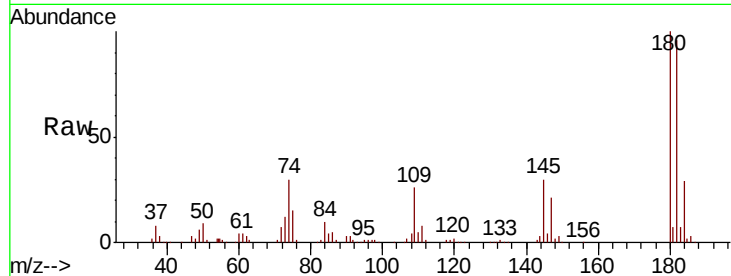




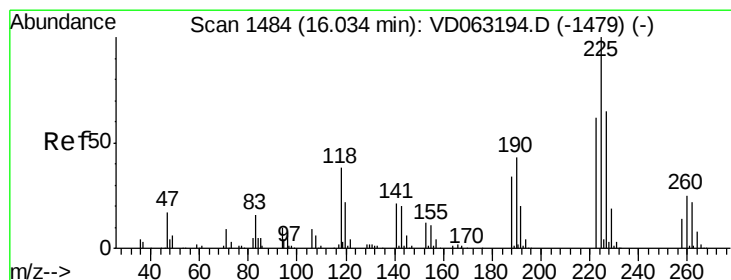
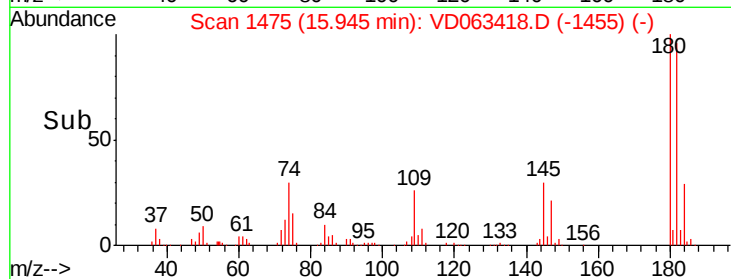
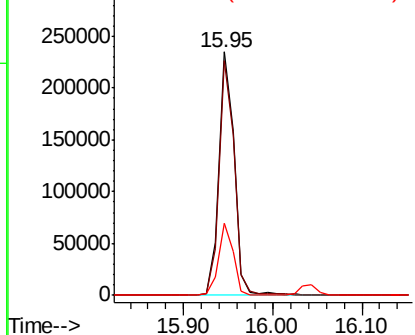
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.658 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. -0.00 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0807SBSD01

Tgt Ion:180 Resp: 283476  
 Ion Ratio Lower Upper  
 180 100  
 182 96.3 48.6 145.8  
 145 29.8 12.2 36.6

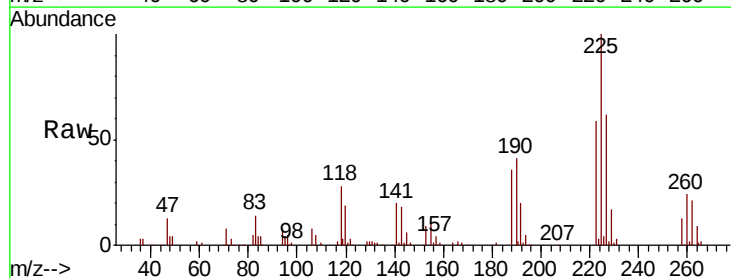


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

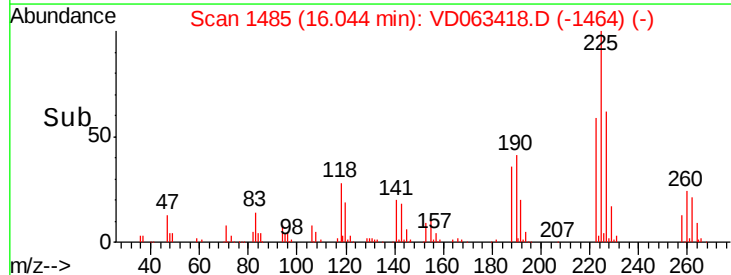
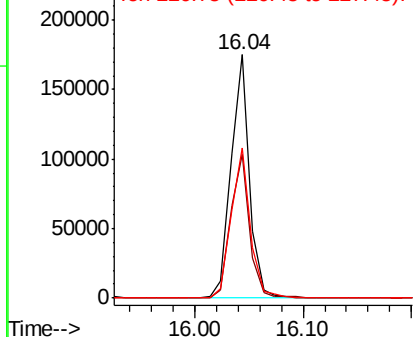


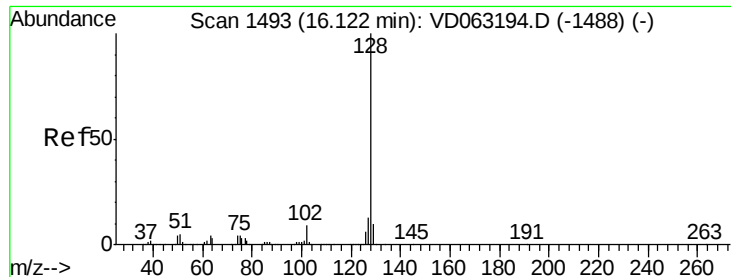
#94  
 Hexachlorobutadiene  
 Concen: 20.870 ug/l  
 RT: 16.04 min Scan# 1485  
 Delta R.T. 0.01 min  
 Lab File: VD063418.D  
 Acq: 7 Aug 2019 12:20

Tgt Ion:225 Resp: 207532  
 Ion Ratio Lower Upper  
 225 100  
 223 58.8 30.9 92.5  
 227 61.7 32.6 97.7



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

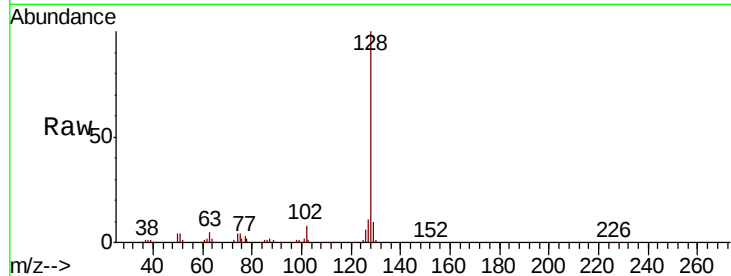




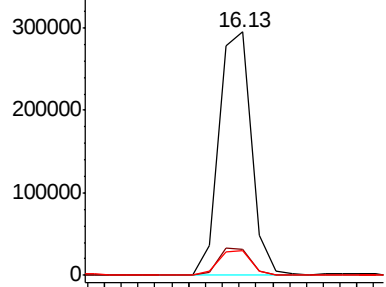
#95  
Naphthalene  
Concen: 20.371 ug/l  
RT: 16.13 min Scan# 1494  
Delta R.T. 0.01 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0807SBSD01

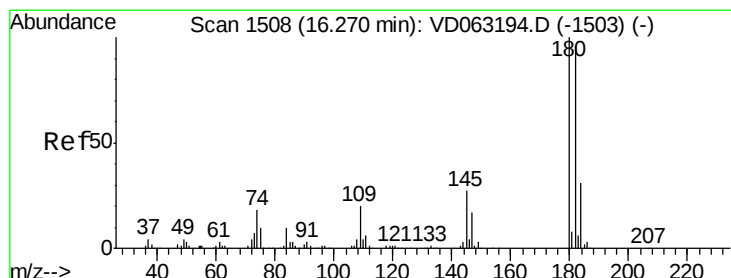
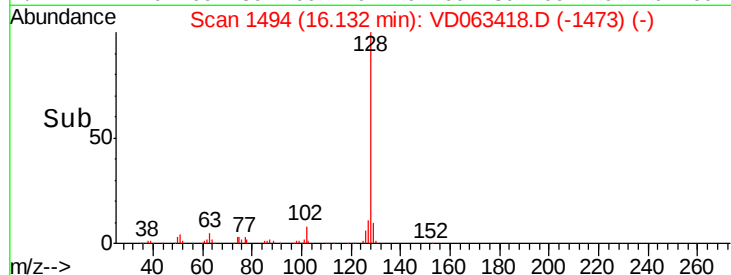
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 128     | 395093 |       |       |
| 127     | 10.6   | 10.2  | 15.4  |
| 129     | 10.1   | 7.8   | 11.8  |



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

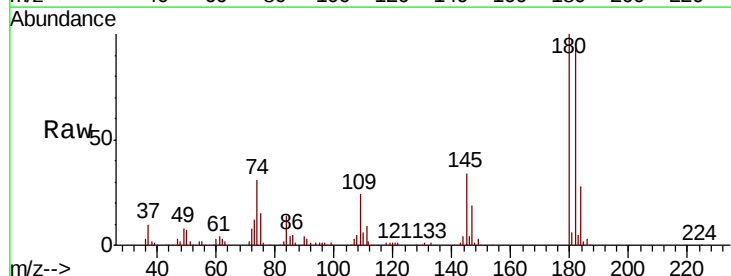


Time-->

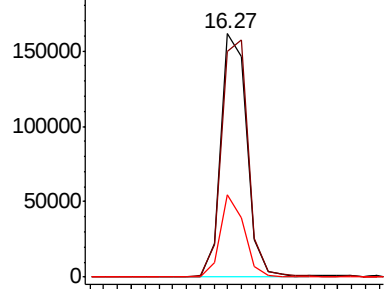


#96  
1,2,3-Trichlorobenzene  
Concen: 19.781 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.00 min  
Lab File: VD063418.D  
Acq: 7 Aug 2019 12:20

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 180     | 214437 |       |       |
| 182     | 92.5   | 48.3  | 144.9 |
| 145     | 33.6   | 13.6  | 40.7  |



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



Time-->

