

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\  
 Data File : VD063598.D  
 Acq On : 15 Aug 2019 4:00  
 Operator : JC/SY  
 Sample : VD0814SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBS02

Quant Time: Aug 15 12:06:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.05  | 168  | 944456   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1405126  | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1207259  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 638387   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 7.45  | 65   | 581176   | 57.57 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 115.14% |          |
| 35) Dibromofluoromethane    | 6.92  | 113  | 613458   | 51.84 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 103.68% |          |
| 50) Toluene-d8              | 10.41 | 98   | 1222102  | 46.97 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 93.94%  |          |
| 62) 4-Bromofluorobenzene    | 13.55 | 95   | 571884   | 48.50 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.00%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85   | 218009   | 19.080  | ug/l   | 99     |
| 3) Chloromethane              | 1.75 | 50   | 186838   | 20.929  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.85 | 62   | 175988   | 19.858  | ug/l   | 99     |
| 5) Bromomethane               | 2.14 | 94   | 76283    | 18.242  | ug/l # | 92     |
| 6) Chloroethane               | 2.25 | 64   | 85051    | 20.986  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 2.53 | 101  | 336633   | 19.365  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.87 | 74   | 58797    | 23.956  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101  | 201477   | 19.628  | ug/l   | 92     |
| 10) Methyl Iodide             | 3.30 | 142  | 295794   | 20.367  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.08 | 59   | 58013    | 132.004 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 3.12 | 96   | 144830   | 18.978  | ug/l   | 99     |
| 13) Acrolein                  | 3.03 | 56   | 33591    | 77.652  | ug/l # | 67     |
| 14) Allyl chloride            | 3.61 | 41   | 243520   | 21.226  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.19 | 53   | 152346   | 130.873 | ug/l   | 94     |
| 16) Acetone                   | 3.23 | 43   | 215363   | 104.942 | ug/l # | 92     |
| 17) Carbon Disulfide          | 3.36 | 76   | 486354   | 20.193  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43   | 107432   | 27.638  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 4.23 | 73   | 380476   | 24.929  | ug/l   | 98     |
| 20) Methylene Chloride        | 3.82 | 84   | 207134   | 23.342  | ug/l # | 87     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96   | 179917   | 22.403  | ug/l   | 93     |
| 22) Diisopropyl ether         | 5.13 | 45   | 544490   | 23.000  | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.06 | 43   | 1555999  | 113.058 | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 4.98 | 63   | 333140   | 22.689  | ug/l # | 96     |
| 25) 2-Butanone                | 6.07 | 43   | 229810   | 113.383 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.02 | 77   | 290835   | 19.886  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96   | 197623   | 22.492  | ug/l   | 99     |
| 28) Bromochloromethane        | 6.44 | 49   | 131114   | 22.033  | ug/l   | 89     |
| 29) Tetrahydrofuran           | 6.47 | 42   | 116718   | 123.582 | ug/l   | 96     |
| 30) Chloroform                | 6.66 | 83   | 404073   | 22.140  | ug/l   | 94     |
| 31) Cyclohexane               | 6.95 | 56   | 181451   | 19.906  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97   | 364693   | 20.889  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 7.14 | 75   | 238717   | 19.218  | ug/l   | 99     |
| 37) Ethyl Acetate             | 6.18 | 43   | 120455   | 23.142  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.11 | 117  | 360580   | 19.261  | ug/l   | 98     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\  
 Data File : VD063598.D  
 Acq On : 15 Aug 2019 4:00  
 Operator : JC/SY  
 Sample : VD0814SBS02  
 Misc : 5.00g/5ml/MSVOA D/SOIL  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0814SBS02

Quant Time: Aug 15 12:06:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 200122   | 18.946  | ug/l   | 96       |
| 40) Benzene                    | 7.45  | 78   | 590034   | 21.585  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.46  | 41   | 153746   | 23.459  | ug/l # | 97       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 312467   | 22.733  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 149560   | 21.454  | ug/l # | 99       |
| 44) Trichloroethene            | 8.53  | 130  | 201975   | 19.331  | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 141057   | 22.159  | ug/l   | 95       |
| 46) Dibromomethane             | 9.05  | 93   | 123480   | 22.714  | ug/l   | 94       |
| 47) Bromodichloromethane       | 9.37  | 83   | 317482   | 22.767  | ug/l   | 96       |
| 48) Methyl methacrylate        | 9.12  | 41   | 116730   | 24.691  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 16840    | 413.755 | ug/l # | 73       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 572734   | 120.065 | ug/l   | 95       |
| 52) Toluene                    | 10.50 | 92   | 377058   | 21.416  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 245463   | 21.569  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 281792   | 21.960  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 131321   | 22.080  | ug/l   | 91       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 142736   | 22.111  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 203608   | 22.648  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 370713   | 108.777 | ug/l   | 99       |
| 59) 2-Hexanone                 | 11.54 | 43   | 398816   | 114.902 | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.68 | 129  | 241328   | 22.299  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 157624   | 21.892  | ug/l   | 98       |
| 64) Tetrachloroethene          | 11.26 | 164  | 199251   | 21.379  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.39 | 112  | 457931   | 20.238  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 207059   | 20.793  | ug/l   | 97       |
| 67) Ethyl Benzene              | 12.52 | 91   | 784370   | 19.937  | ug/l   | 97       |
| 68) m/p-Xylenes                | 12.67 | 106  | 562481   | 40.694  | ug/l   | 95       |
| 69) o-Xylene                   | 13.05 | 106  | 265742   | 19.975  | ug/l   | 98       |
| 70) Styrene                    | 13.07 | 104  | 480185   | 20.292  | ug/l   | 99       |
| 71) Bromoform                  | 13.23 | 173  | 146273   | 21.422  | ug/l # | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 764639   | 18.831  | ug/l   | 98       |
| 74) N-amyl acetate             | 13.26 | 43   | 218160   | 21.403  | ug/l   | 95       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 154705   | 22.954  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 155857   | 21.273  | ug/l   | 95       |
| 77) Bromobenzene               | 13.67 | 156  | 238859   | 21.524  | ug/l   | 83       |
| 78) n-propylbenzene            | 13.77 | 91   | 928236   | 19.538  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 583367   | 21.296  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 673144   | 18.974  | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 34296    | 17.416  | ug/l # | 94       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 658696   | 19.997  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 753681   | 20.174  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 710878   | 21.656  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 752155   | 18.958  | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 769150   | 20.275  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 427166   | 21.280  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 405385   | 21.049  | ug/l   | 99       |
| 89) n-Butylbenzene             | 14.79 | 91   | 683988   | 19.755  | ug/l   | 94       |
| 90) Hexachloroethane           | 15.01 | 117  | 198081   | 20.774  | ug/l   | 80       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 395881   | 23.245  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 29164    | 22.981  | ug/l   | 52       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081419\  
Data File : VD063598.D  
Acq On : 15 Aug 2019 4:00  
Operator : JC/SY  
Sample : VD0814SBSD02  
Misc : 5.00µl/5ml/MSVOA D/SOIL  
ALS Vial : 42 Sample Multiplier: 1

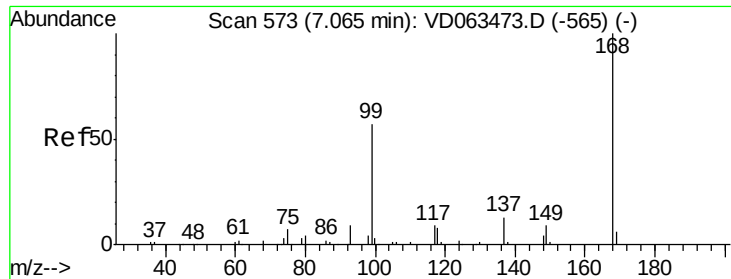
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Quant Time: Aug 15 12:06:30 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 10 06:42:47 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 245514   | 19.592 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 185698   | 19.443 | ug/l  | 98       |
| 95) Naphthalene            | 16.12 | 128  | 429994   | 22.641 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 215283   | 21.270 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

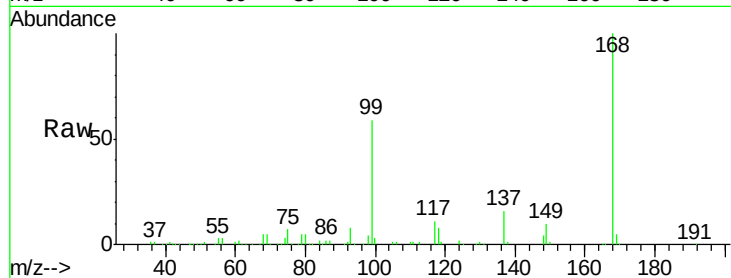
VD0814SBSD02

Tot Ion:168 Resp: 944456

Ion Ratio Lower Upper

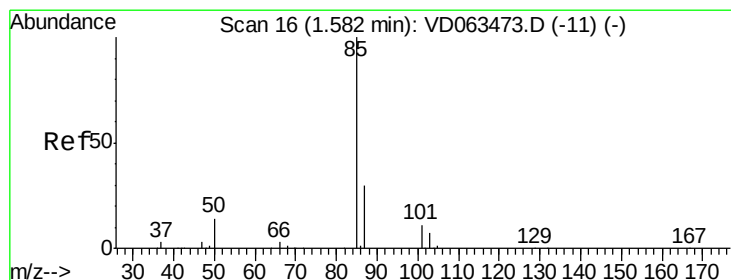
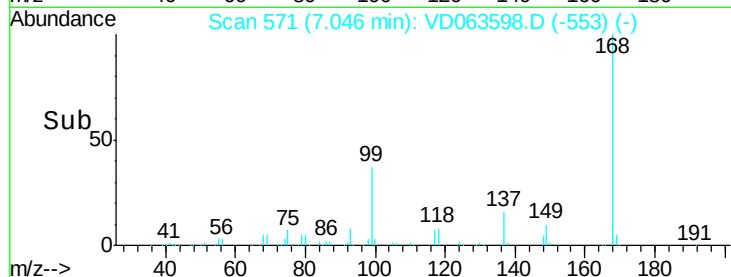
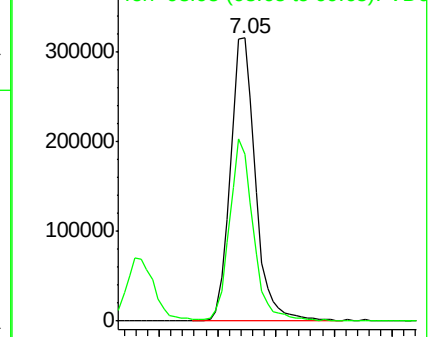
168 100

99 59.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 19.080 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.01 min

Lab File: VD063598.D

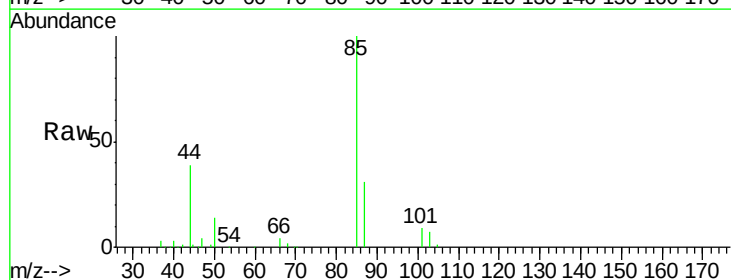
Acq: 15 Aug 2019 4:00

Tgt Ion: 85 Resp: 218009

Ion Ratio Lower Upper

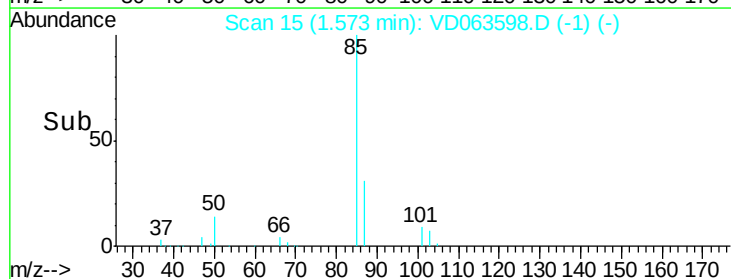
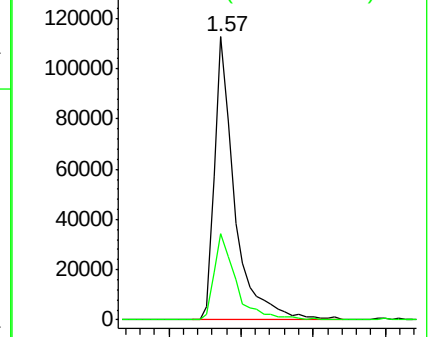
85 100

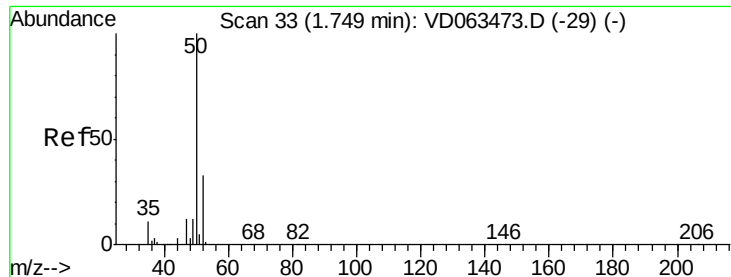
87 30.7 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 20.929 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.00 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

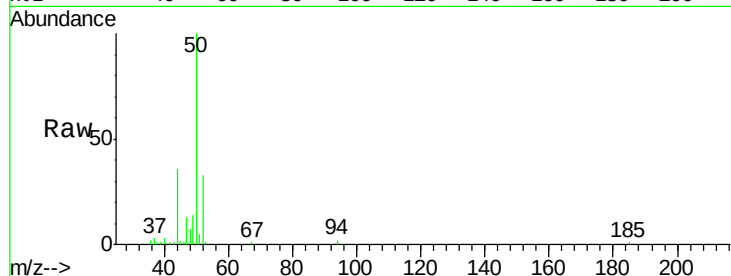
VD0814SBSD02

Tot Ion: 50 Resp: 186838

Ion Ratio Lower Upper

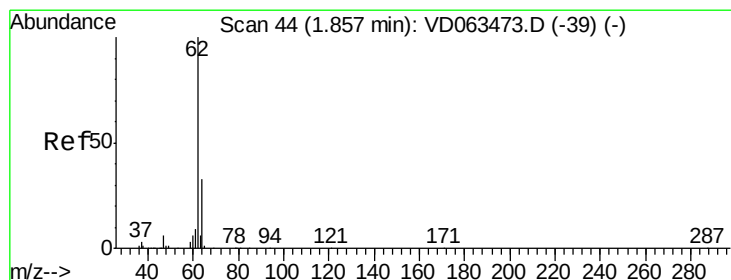
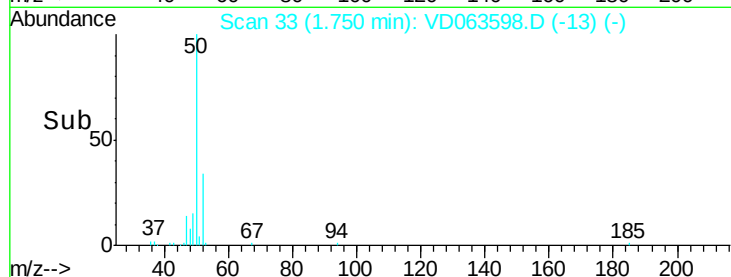
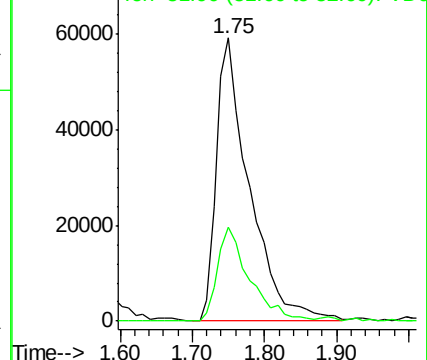
50 100

52 33.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.858 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD063598.D

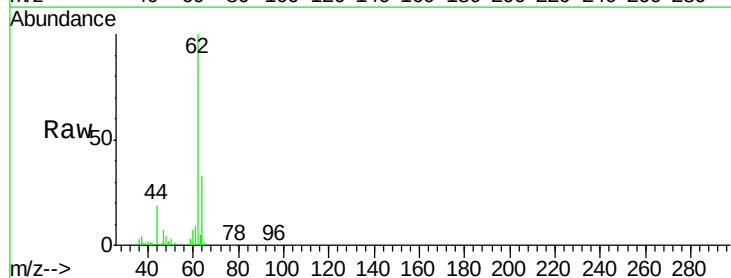
Acq: 15 Aug 2019 4:00

Tgt Ion: 62 Resp: 175988

Ion Ratio Lower Upper

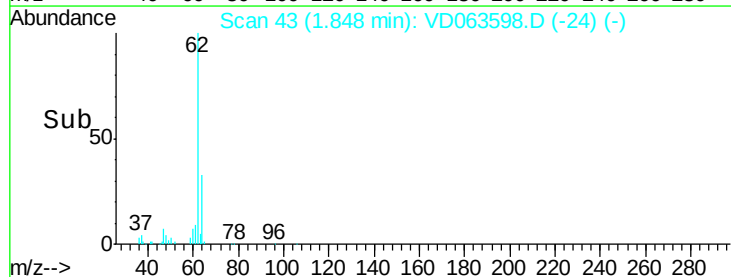
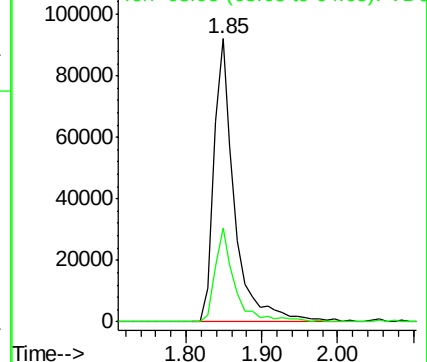
62 100

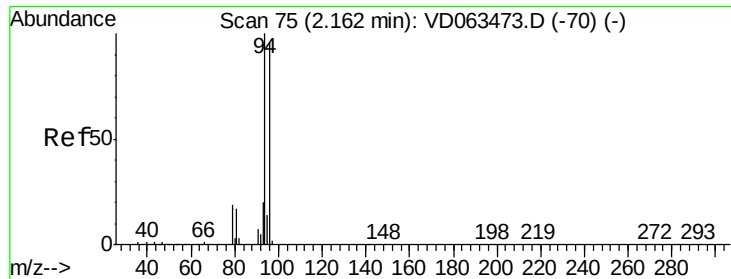
64 33.3 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 18.242 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

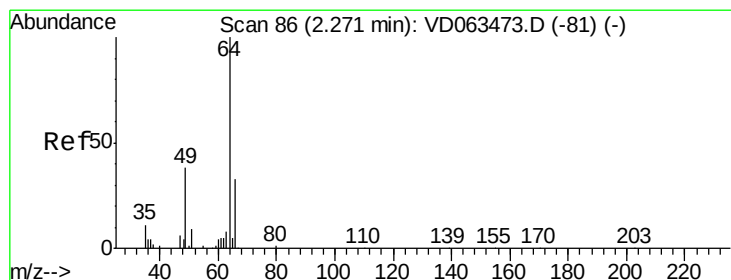
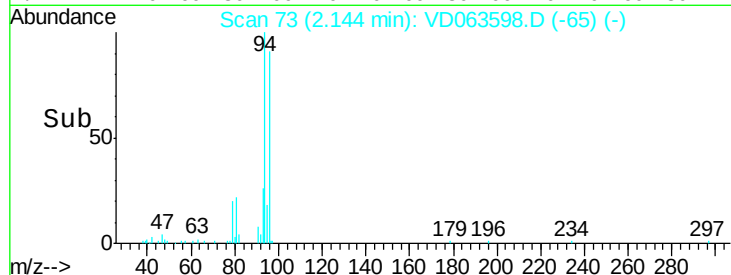
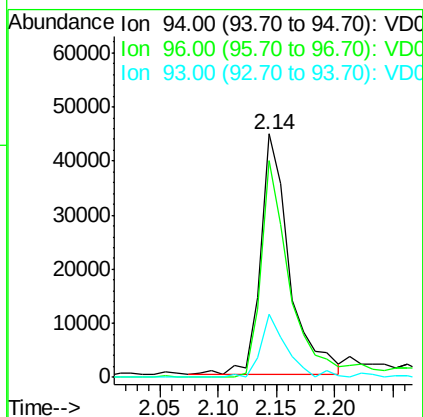
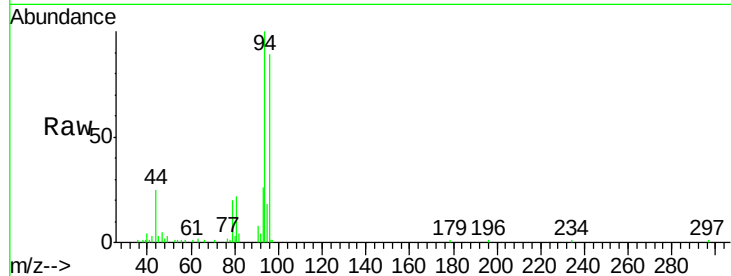
Tot Ion: 94 Resp: 76283

Ion Ratio Lower Upper

94 100

96 89.0 76.5 114.7

93 25.8 15.8 23.8#



#6

Chloroethane

Concen: 20.986 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD063598.D

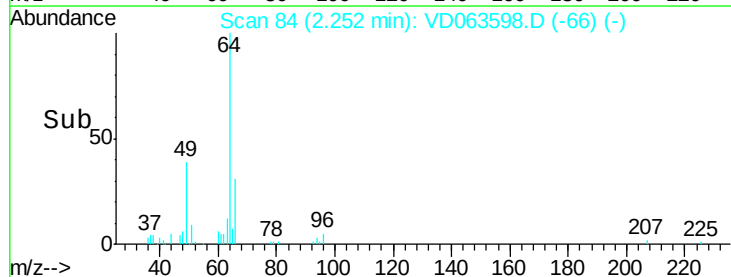
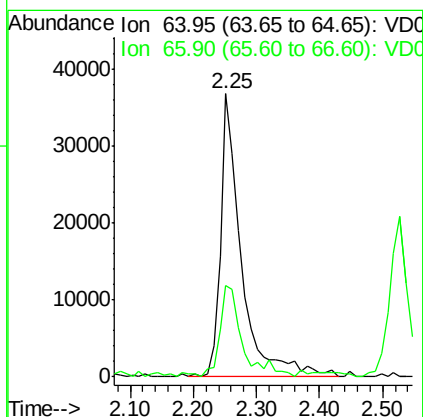
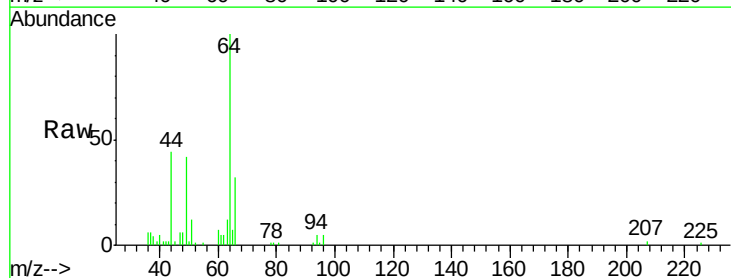
Acq: 15 Aug 2019 4:00

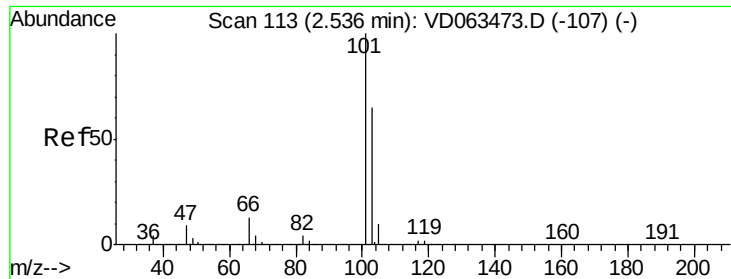
Tgt Ion: 64 Resp: 85051

Ion Ratio Lower Upper

64 100

66 32.5 26.3 39.5



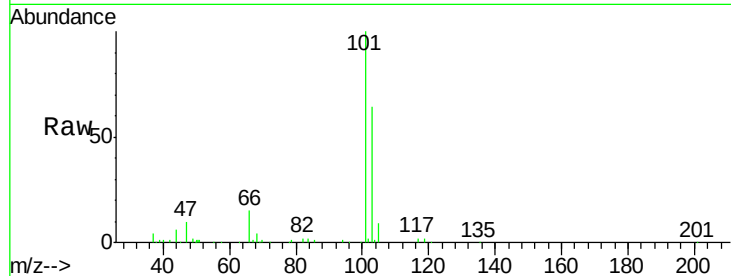


#7

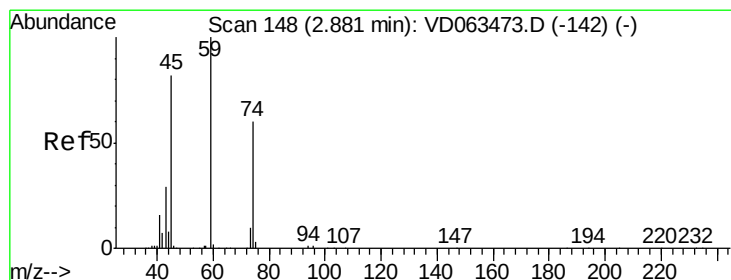
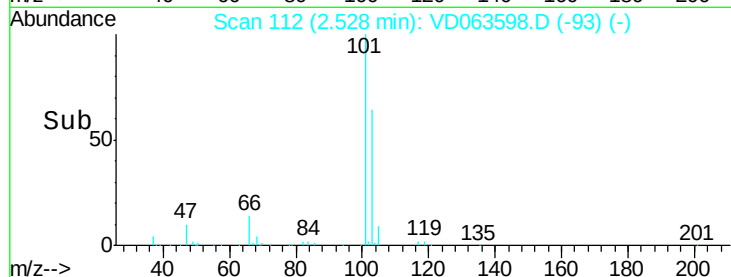
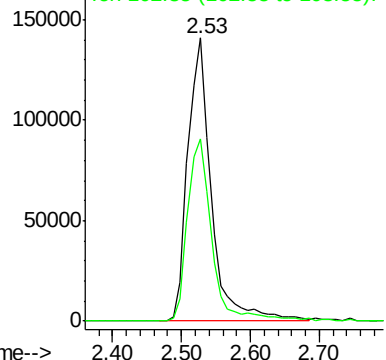
Trichlorofluoromethane  
Concen: 19.365 ug/l  
RT: 2.53 min Scan# 112  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion:101 Resp: 336633  
Ion Ratio Lower Upper  
101 100  
103 64.5 52.2 78.4



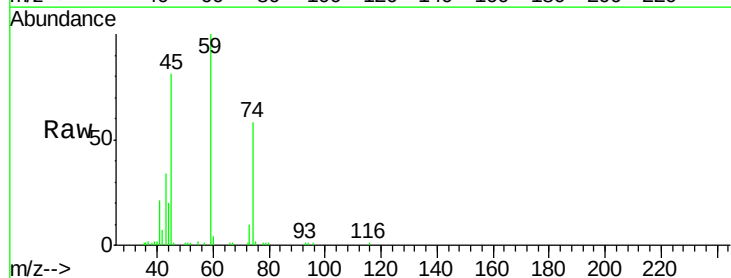
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



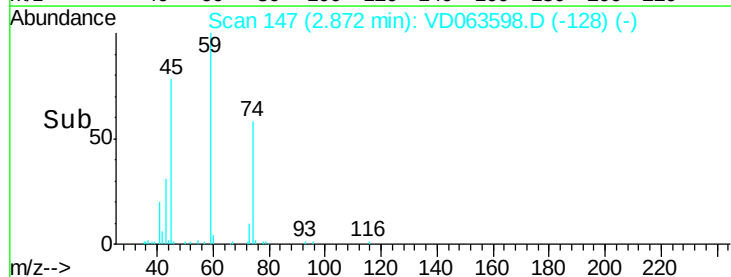
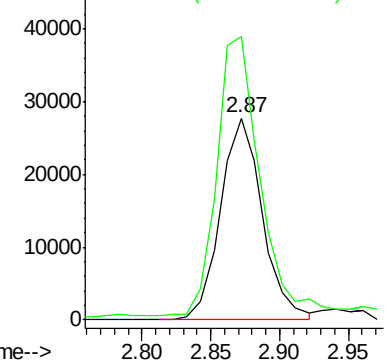
#8

Diethyl Ether  
Concen: 23.956 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

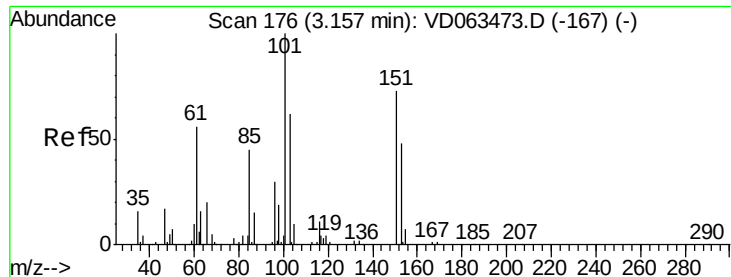
Tgt Ion: 74 Resp: 58797  
Ion Ratio Lower Upper  
74 100  
45 140.1 68.5 205.5



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







#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.628 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

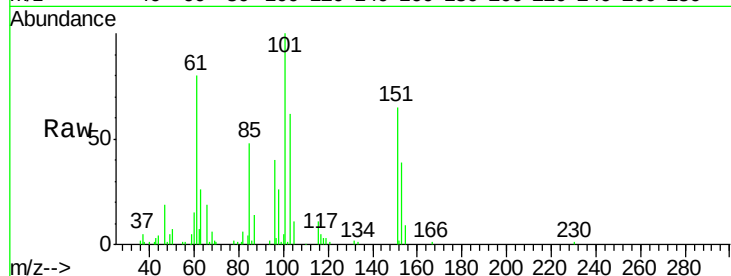
Tot Ion:101 Resp: 201477

Ion Ratio Lower Upper

101 100

85 48.2 35.8 53.6

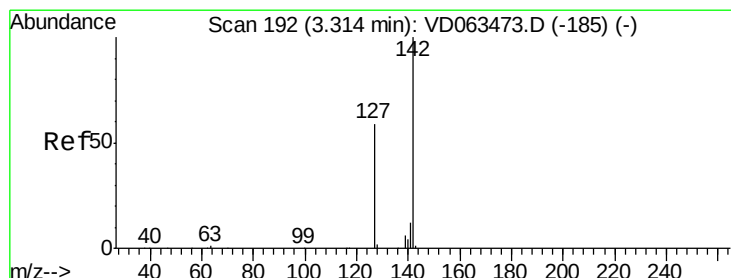
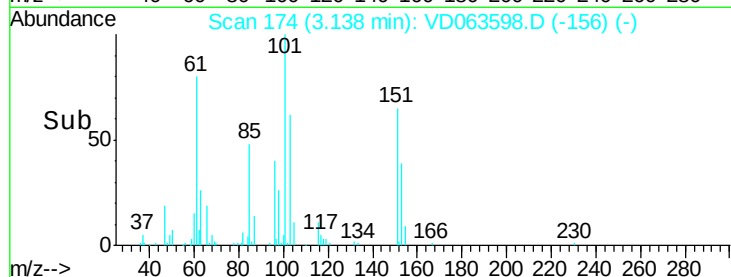
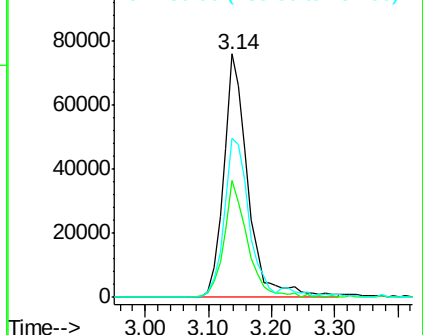
151 65.1 58.6 88.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 20.367 ug/l

RT: 3.30 min Scan# 190

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

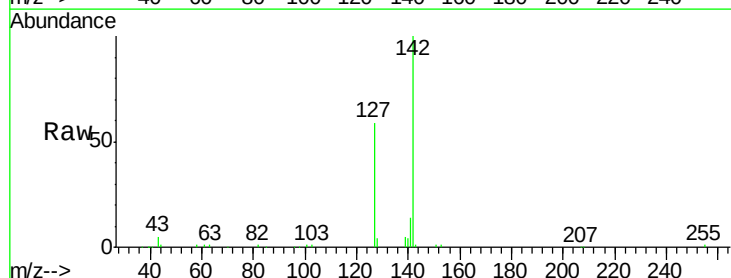
Tgt Ion:142 Resp: 295794

Ion Ratio Lower Upper

142 100

127 59.0 47.2 70.8

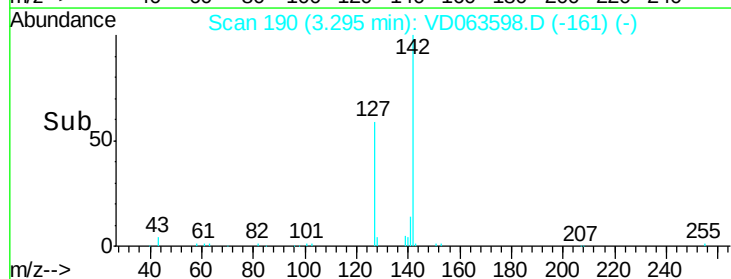
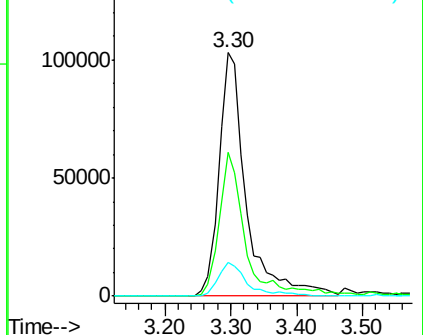
141 14.0 9.8 14.8

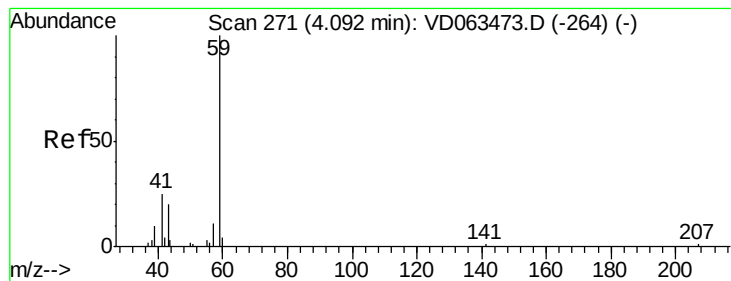


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



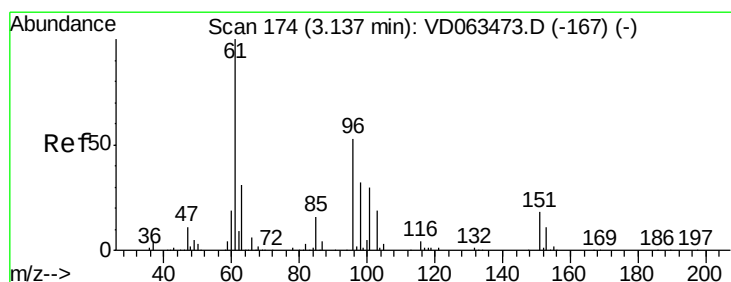
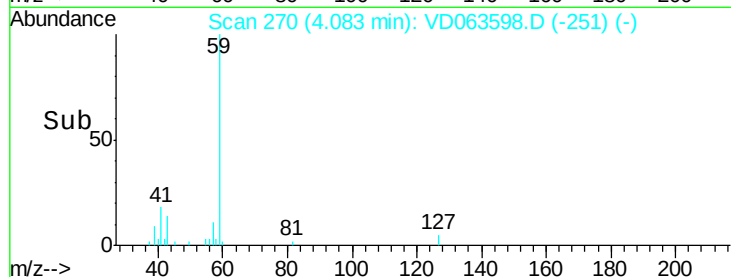
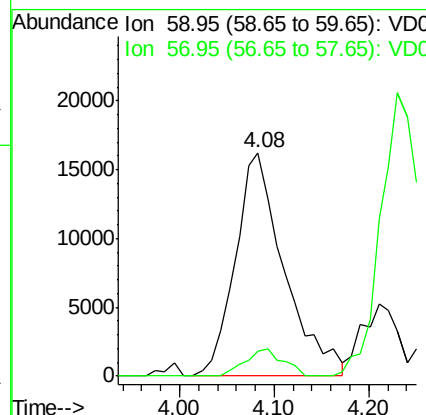
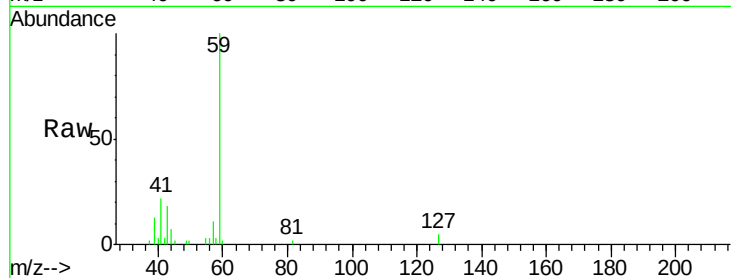


#11

Tert butyl alcohol  
Concen: 132.004 ug/l  
RT: 4.08 min Scan# 270  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

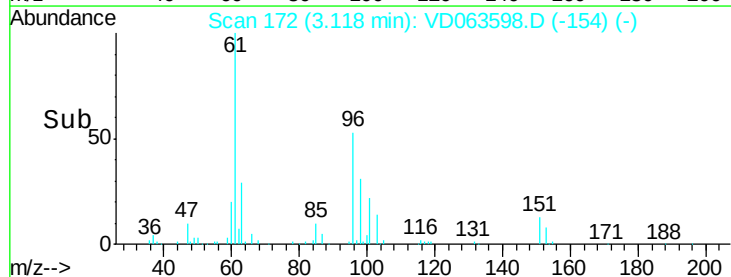
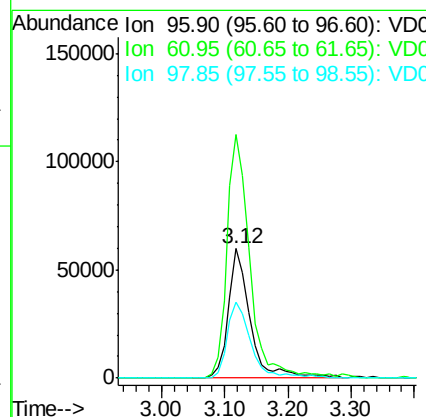
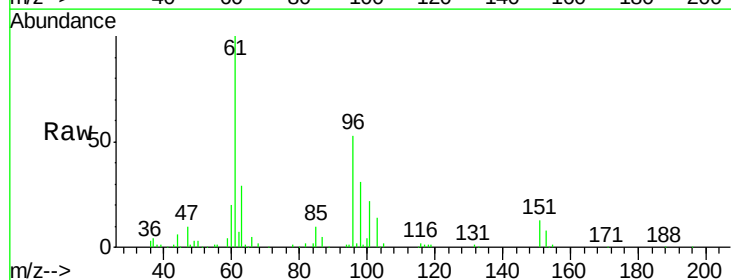
Tot Ion: 59 Resp: 58013  
Ion Ratio Lower Upper  
59 100  
57 11.0 8.7 13.1

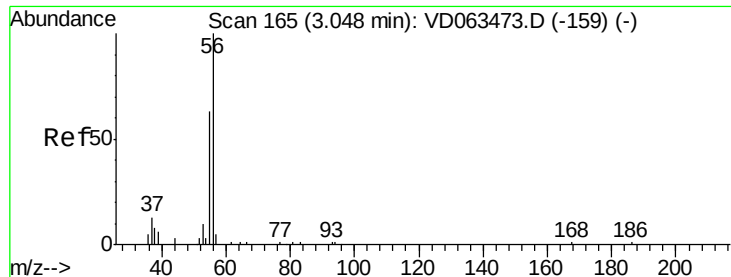


#12

1,1-Dichloroethene  
Concen: 18.978 ug/l  
RT: 3.12 min Scan# 172  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 96 Resp: 144830  
Ion Ratio Lower Upper  
96 100  
61 187.8 151.7 227.5  
98 58.8 48.4 72.6





#13

Acrolein

Concen: 77.652 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

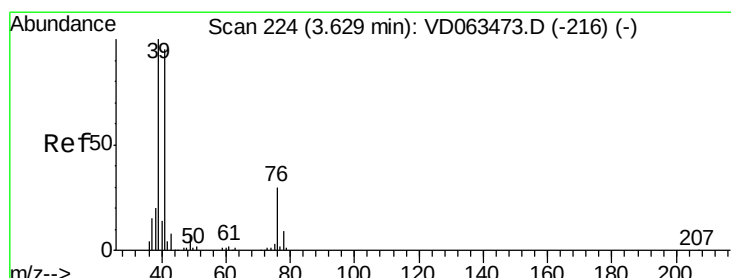
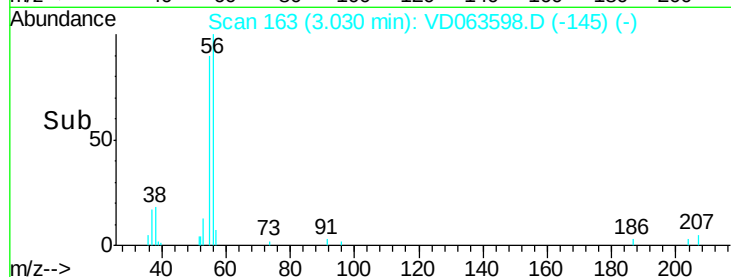
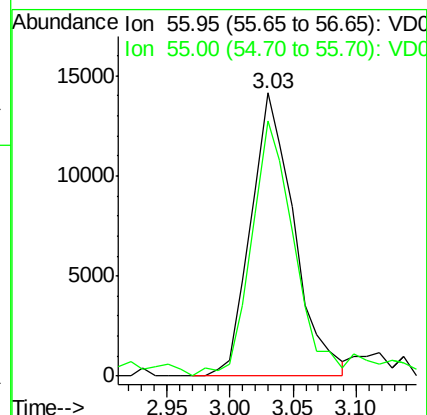
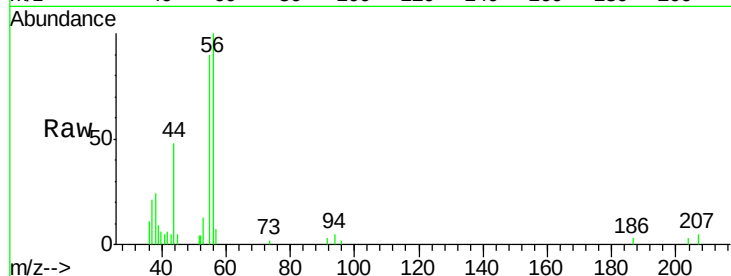
VD0814SBSD02

Tot Ion: 56 Resp: 33591

Ion Ratio Lower Upper

56 100

55 90.1 51.3 76.9#



#14

Allyl chloride

Concen: 21.226 ug/l

RT: 3.61 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

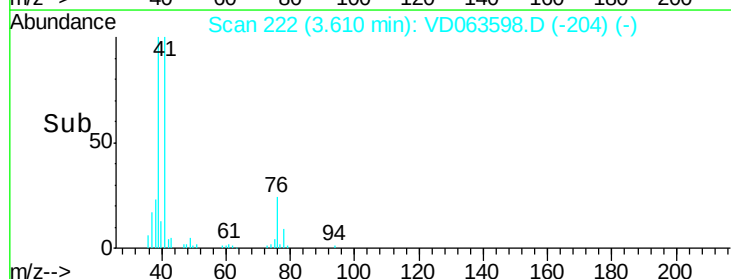
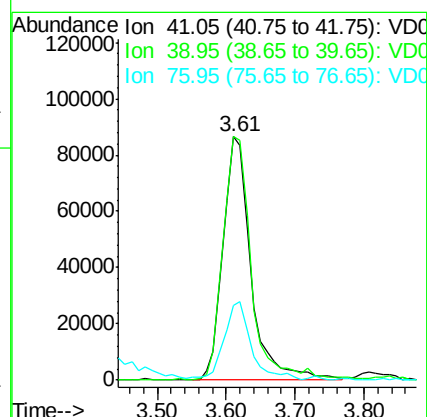
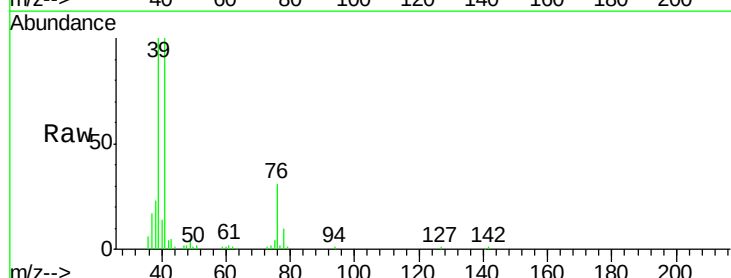
Tgt Ion: 41 Resp: 243520

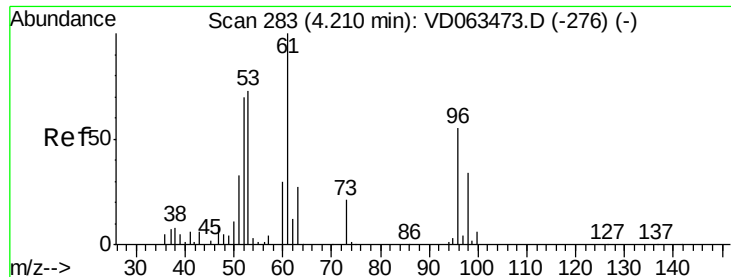
Ion Ratio Lower Upper

41 100

39 99.8 84.2 126.4

76 30.8 26.0 39.0





#15

Acrylonitrile

Concen: 130.873 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

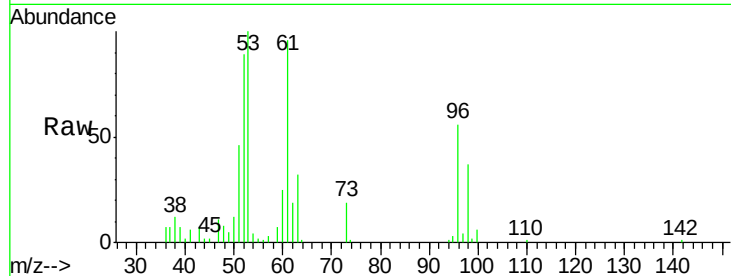
Tot Ion: 53 Resp: 152346

Ion Ratio Lower Upper

53 100

52 88.8 77.4 116.0

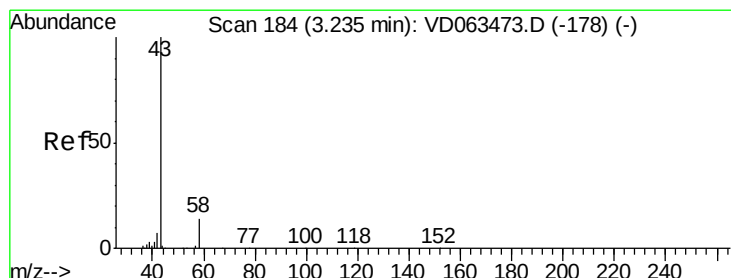
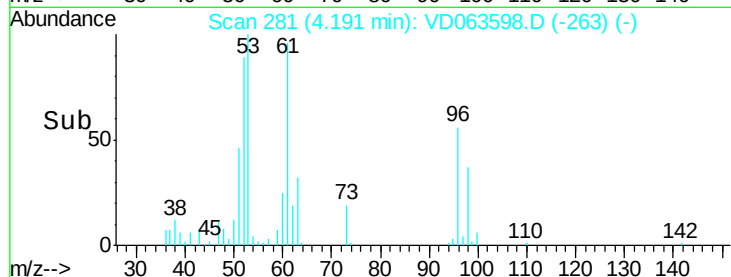
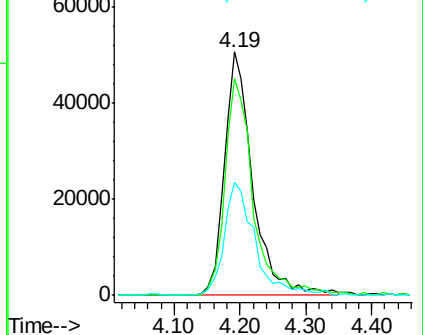
51 46.3 36.7 55.1



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: 104.942 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063598.D

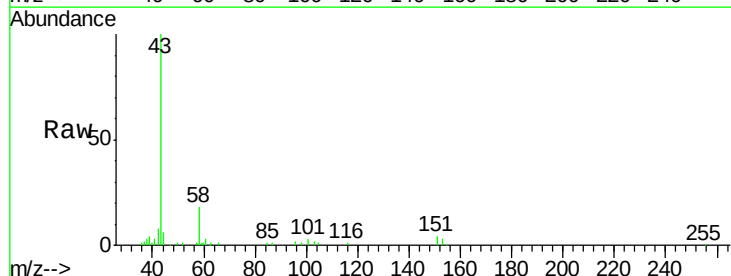
Acq: 15 Aug 2019 4:00

Tgt Ion: 43 Resp: 215363

Ion Ratio Lower Upper

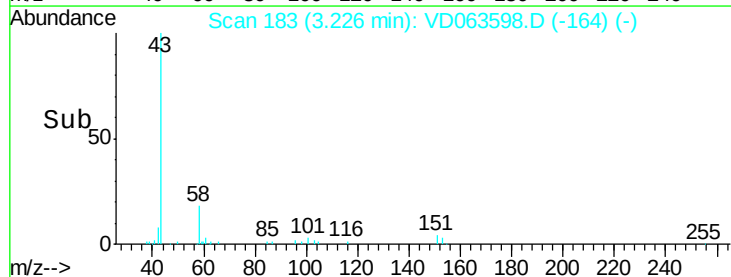
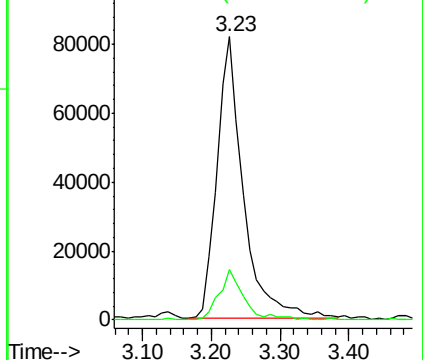
43 100

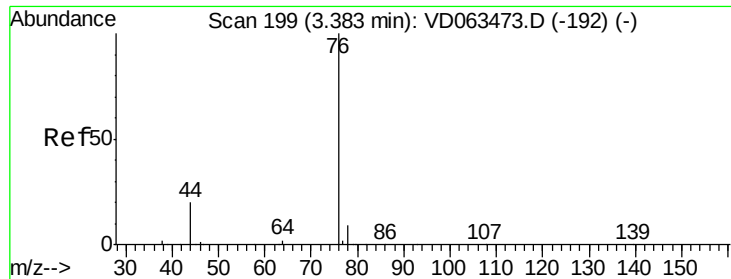
58 17.7 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

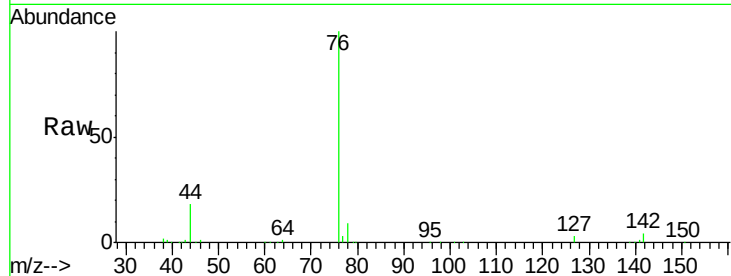




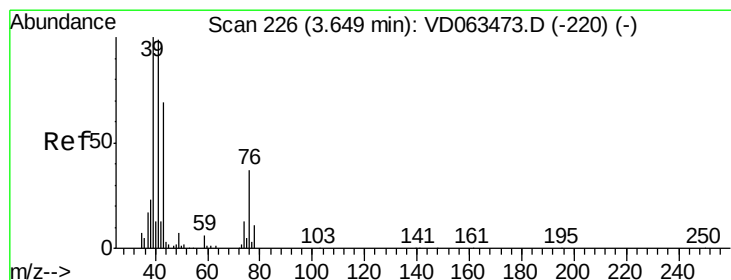
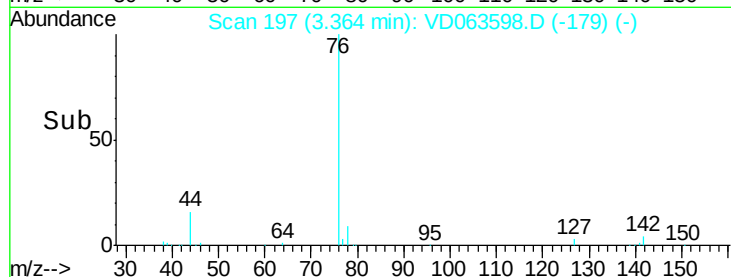
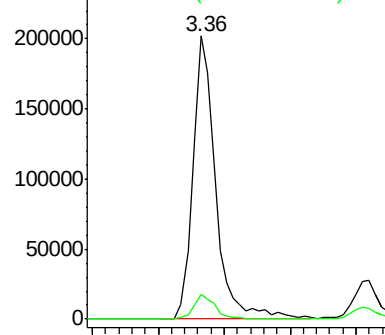
#17  
Carbon Disulfide  
Concen: 20.193 ug/l  
RT: 3.36 min Scan# 197  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion: 76 Resp: 486354  
Ion Ratio Lower Upper  
76 100  
78 8.8 7.4 11.0

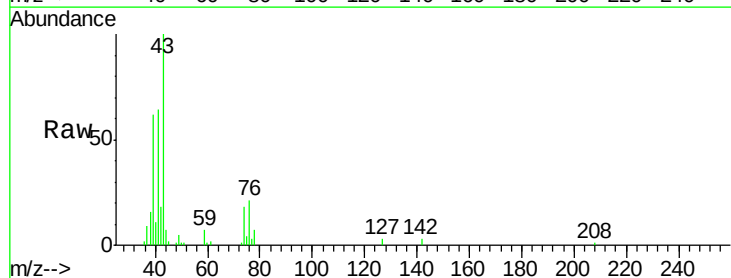


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

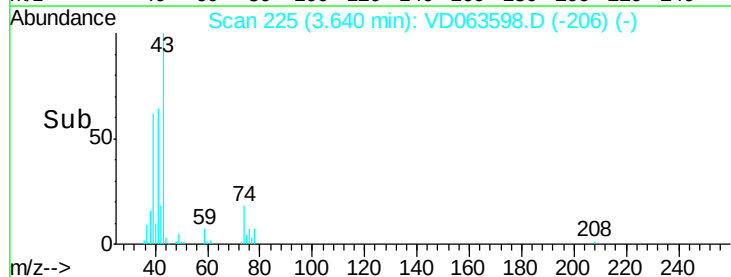
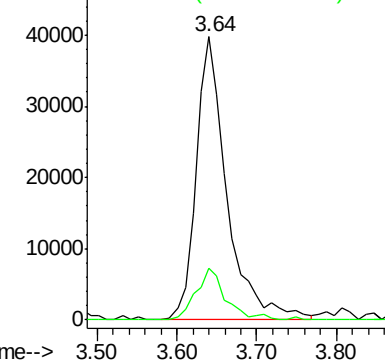


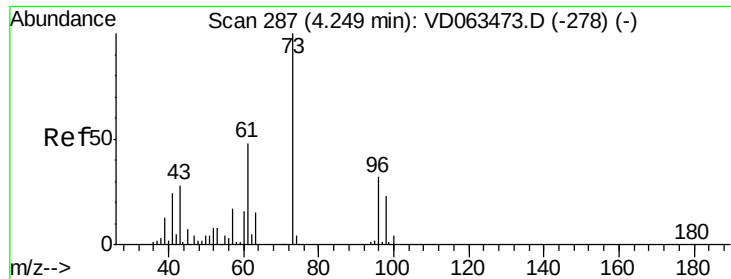
#18  
Methyl Acetate  
Concen: 27.638 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 43 Resp: 107432  
Ion Ratio Lower Upper  
43 100  
74 18.1 15.4 23.2



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

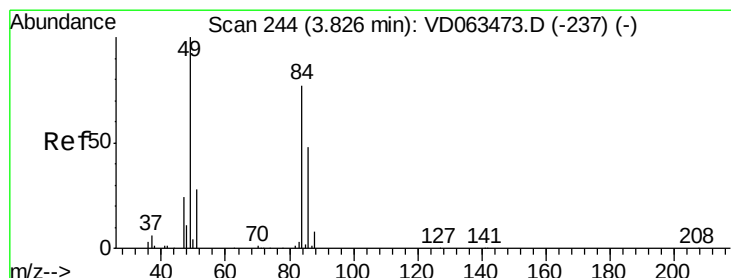
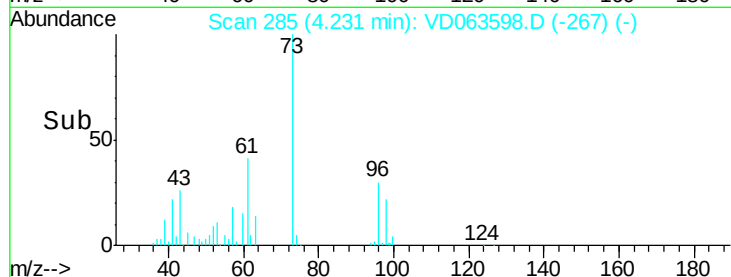
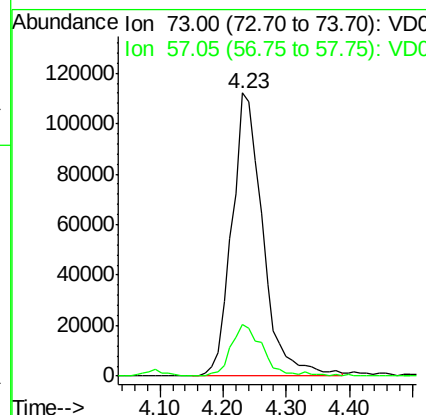
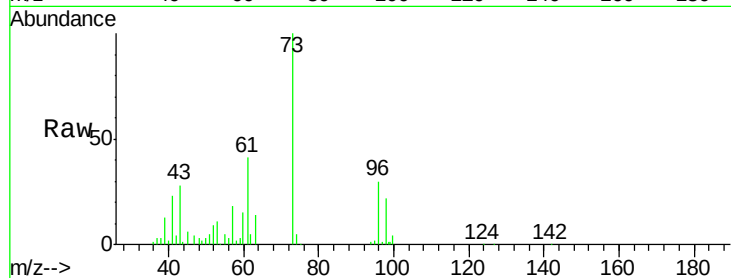




#19  
Methyl tert-butyl Ether  
Concen: 24.929 ug/l  
RT: 4.23 min Scan# 285  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

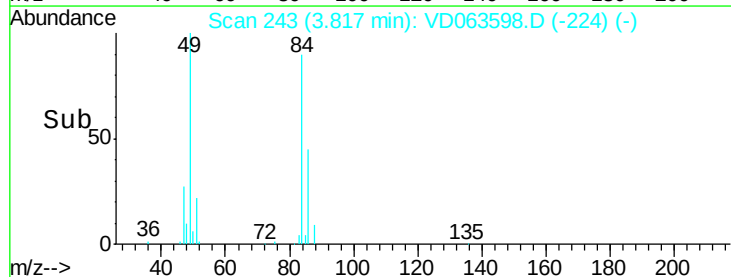
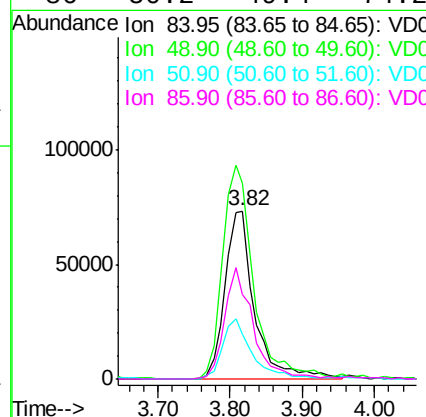
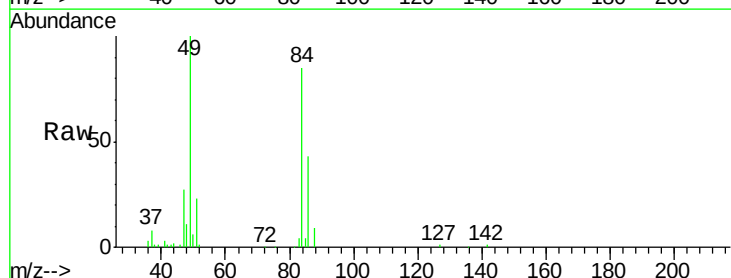
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

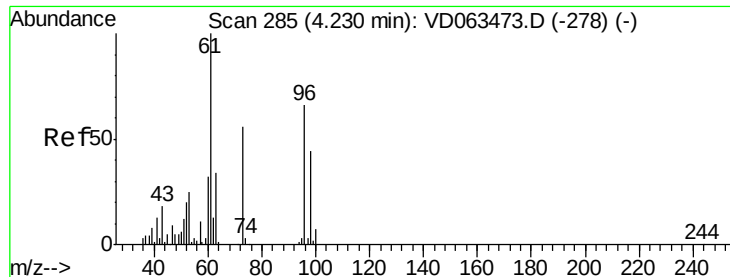
Tot Ion: 73 Resp: 380476  
Ion Ratio Lower Upper  
73 100  
57 18.3 14.0 21.0



#20  
Methylene Chloride  
Concen: 23.342 ug/l  
RT: 3.82 min Scan# 243  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 84 Resp: 207134  
Ion Ratio Lower Upper  
84 100  
49 117.0 103.4 155.2  
51 26.3 28.5 42.7#  
86 50.2 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 22.403 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBS02

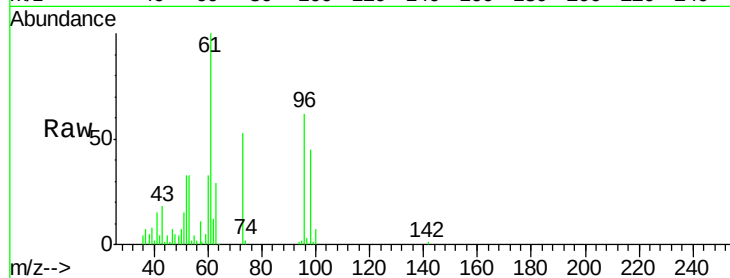
Tot Ion: 96 Resp: 179917

Ion Ratio Lower Upper

96 100

61 162.0 121.7 182.5

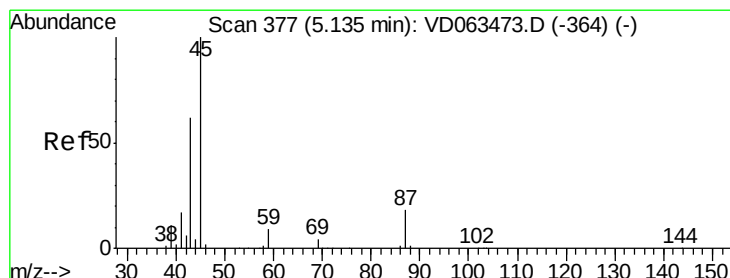
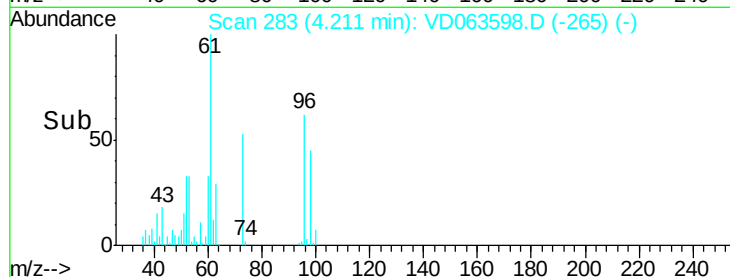
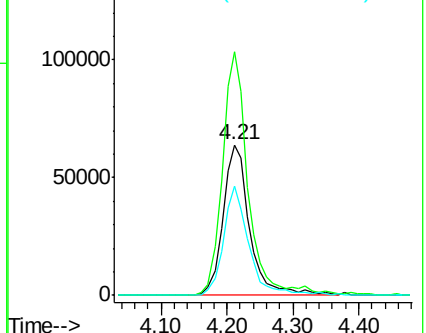
98 72.5 54.2 81.2



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: 23.000 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Tgt Ion: 45 Resp: 544490

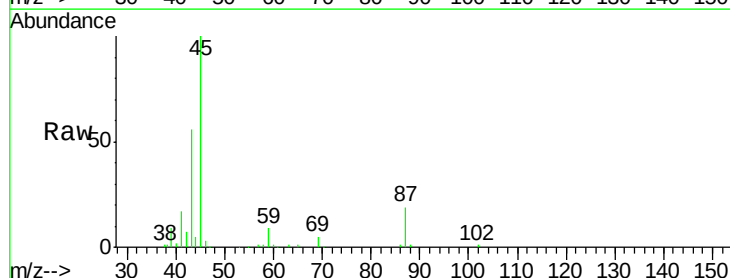
Ion Ratio Lower Upper

45 100

43 56.4 50.3 75.5

87 18.5 14.3 21.5

59 8.7 7.7 11.5

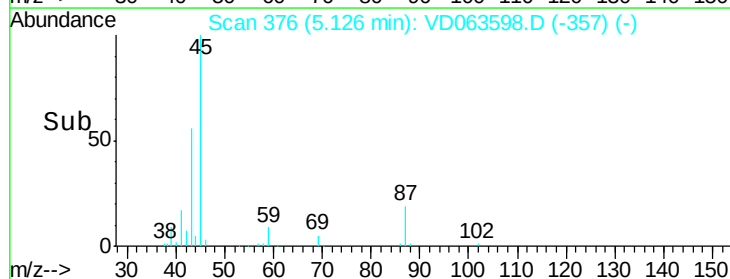
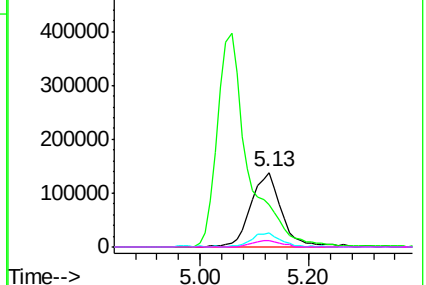


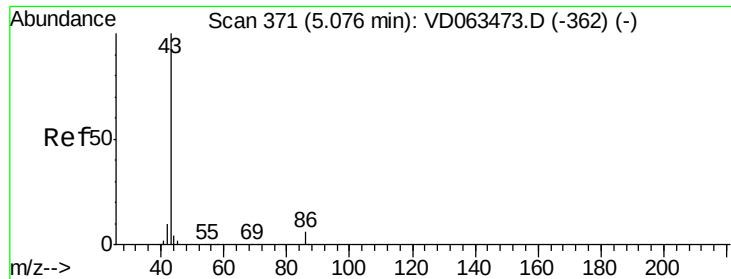
Abundance Ion 45.05 (44.75 to 45.75): VDC

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: 113.058 ug/l

RT: 5.06 min Scan# 369

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

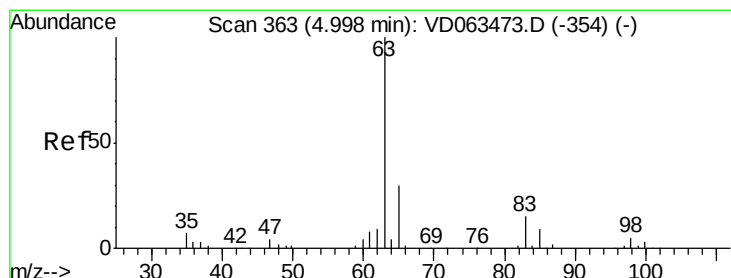
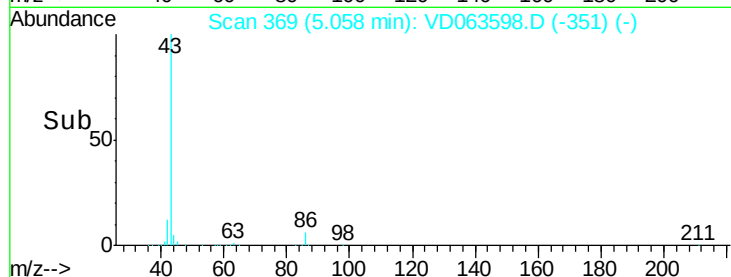
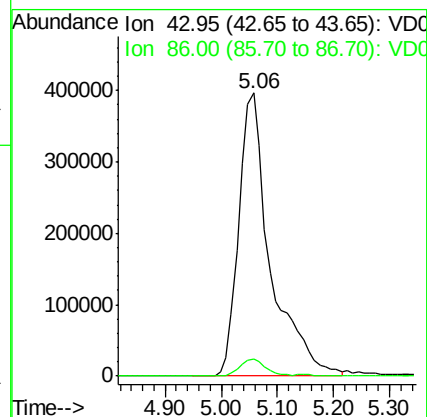
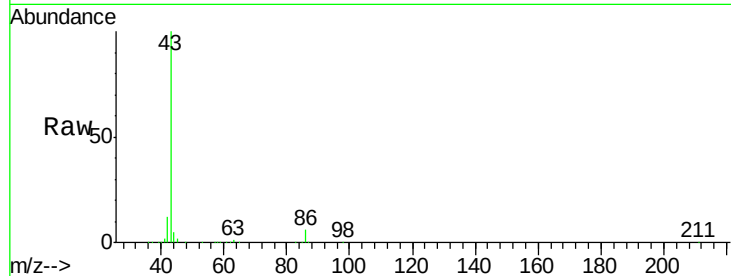
VD0814SBSD02

Tot Ion: 43 Resp: 1555999

Ion Ratio Lower Upper

43 100

86 6.0 4.8 7.2



#24

1,1-Dichloroethane

Concen: 22.689 ug/l

RT: 4.98 min Scan# 361

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

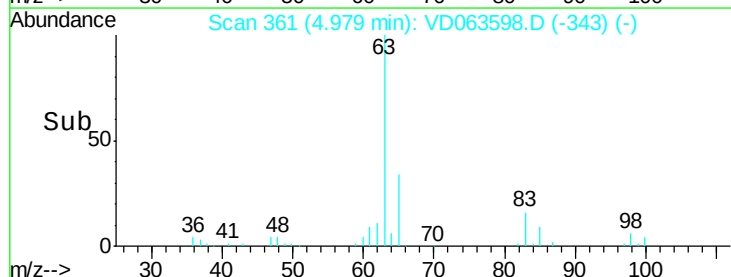
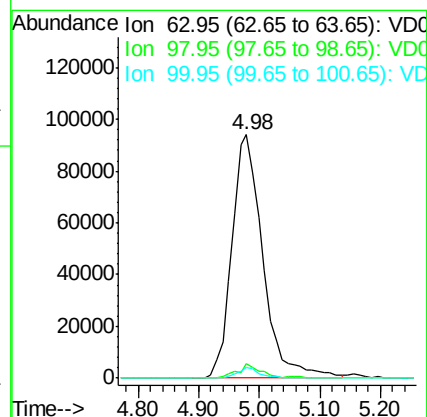
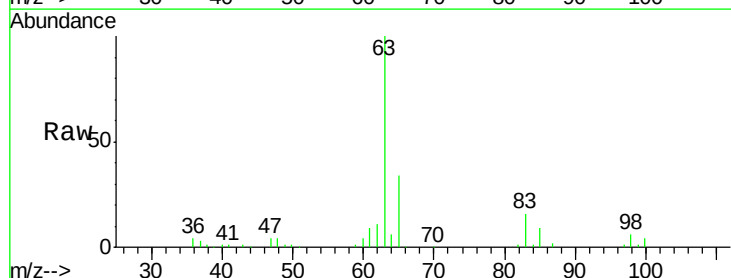
Tgt Ion: 63 Resp: 333140

Ion Ratio Lower Upper

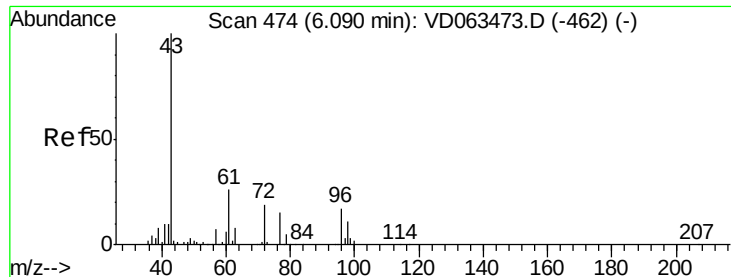
63 100

98 5.8 2.4 7.2

100 4.4 1.3 3.8#







#25

2-Butanone

Concen: 113.383 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

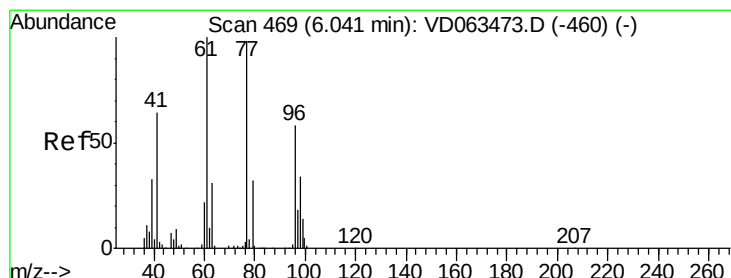
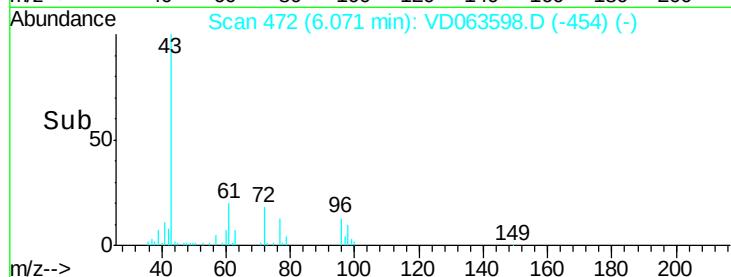
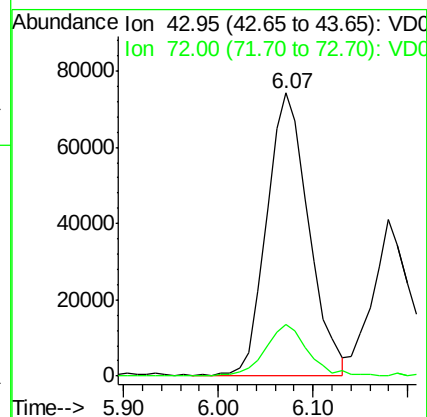
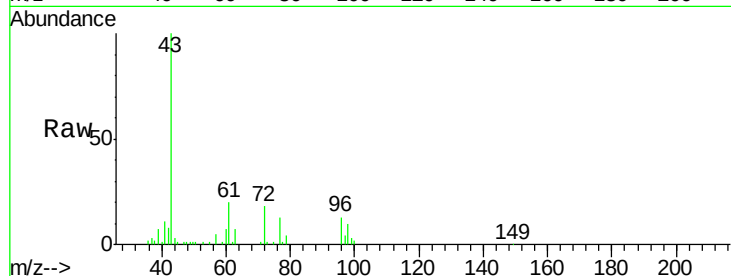
VD0814SBSD02

Tot Ion: 43 Resp: 229810

Ion Ratio Lower Upper

43 100

72 18.2 15.1 22.7



#26

2,2-Dichloropropane

Concen: 19.886 ug/l

RT: 6.02 min Scan# 467

Delta R.T. -0.02 min

Lab File: VD063598.D

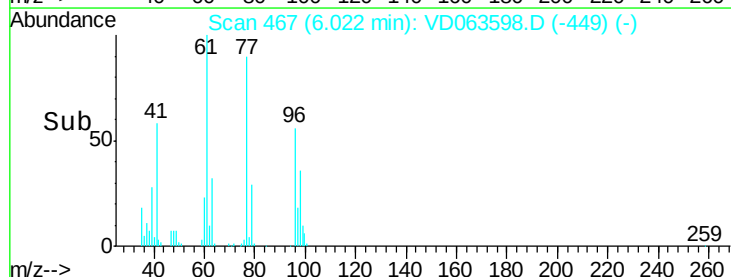
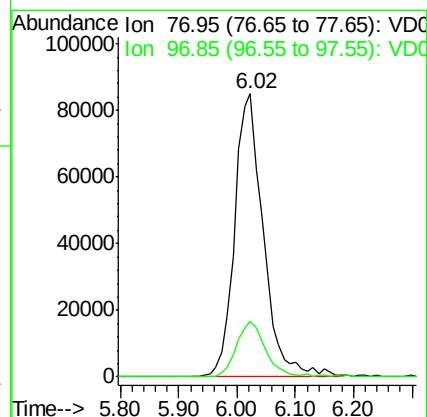
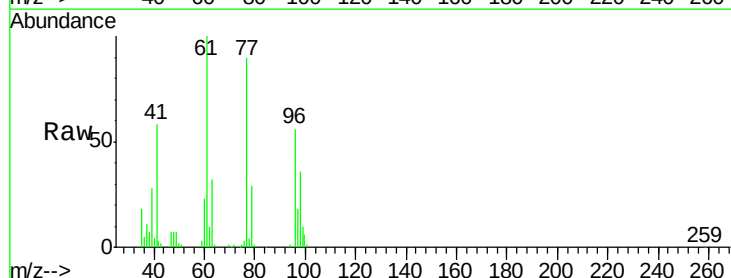
Acq: 15 Aug 2019 4:00

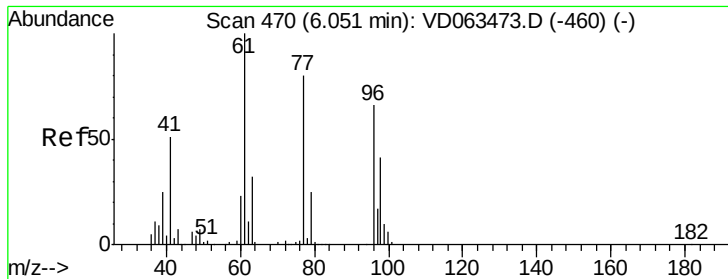
Tgt Ion: 77 Resp: 290835

Ion Ratio Lower Upper

77 100

97 19.8 9.0 27.1



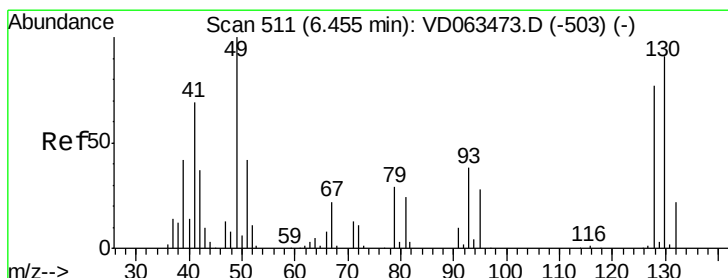
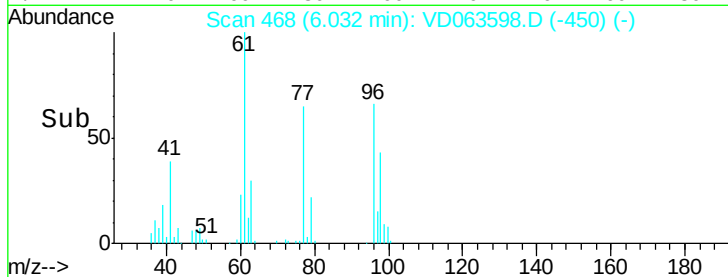
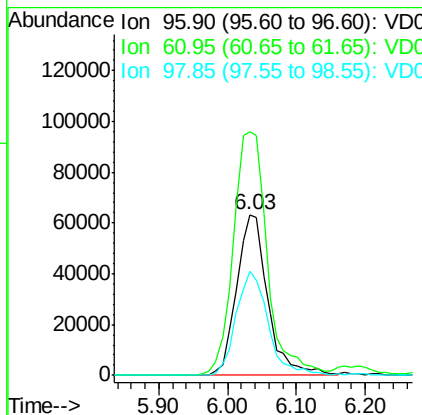
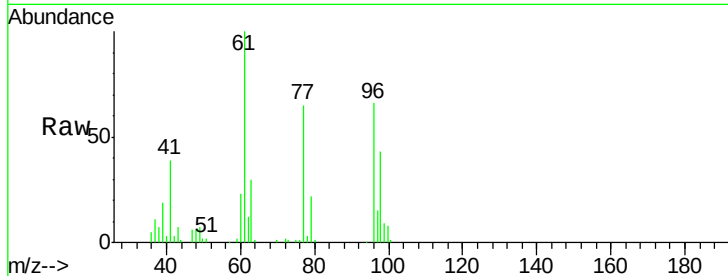


#27

cis-1,2-Dichloroethene  
 Concen: 22.492 ug/l  
 RT: 6.03 min Scan# 468  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

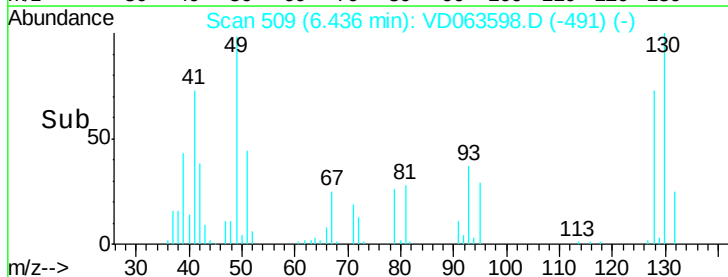
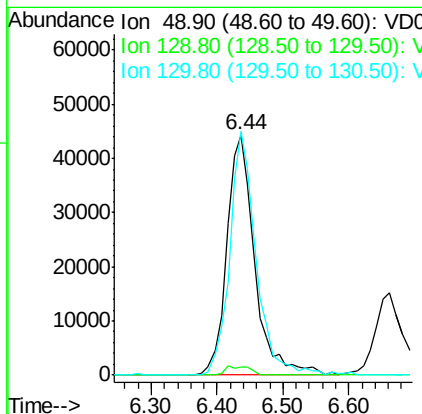
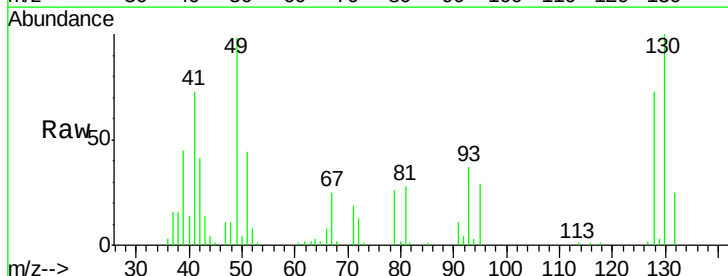
Tot Ion: 96 Resp: 197623  
 Ion Ratio Lower Upper  
 96 100  
 61 151.5 0.0 304.0  
 98 64.7 0.0 124.8

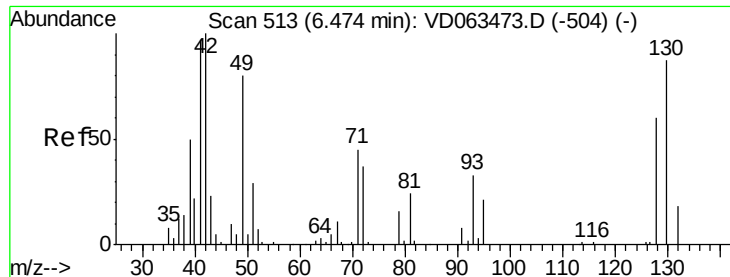


#28

Bromochloromethane  
 Concen: 22.033 ug/l  
 RT: 6.44 min Scan# 509  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 49 Resp: 131114  
 Ion Ratio Lower Upper  
 49 100  
 129 3.1 0.0 6.4  
 130 101.6 72.4 108.6





#29

Tetrahydrofuran

Concen: 123.582 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

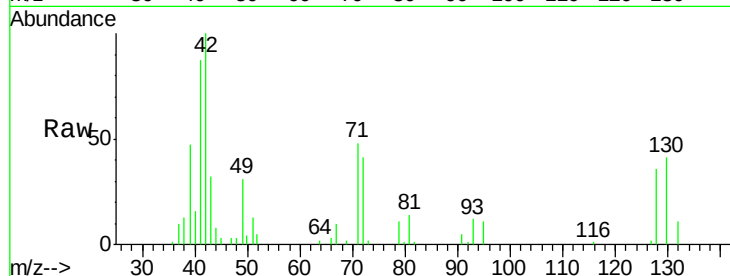
Tot Ion: 42 Resp: 116718

Ion Ratio Lower Upper

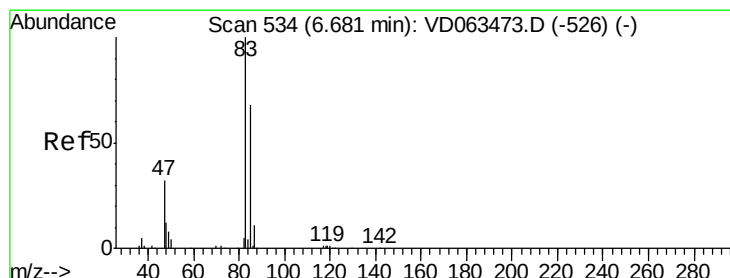
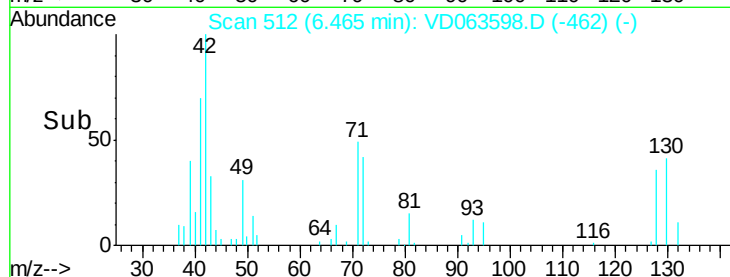
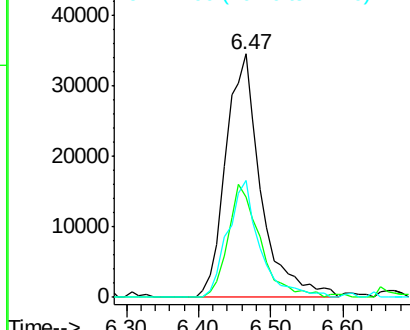
42 100

72 42.6 31.5 47.3

71 43.9 33.8 50.8



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



#30

Chloroform

Concen: 22.140 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.02 min

Lab File: VD063598.D

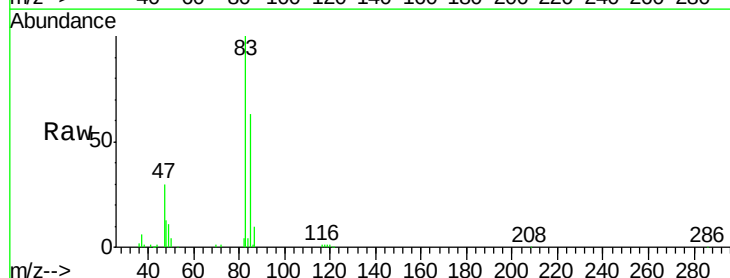
Acq: 15 Aug 2019 4:00

Tgt Ion: 83 Resp: 404073

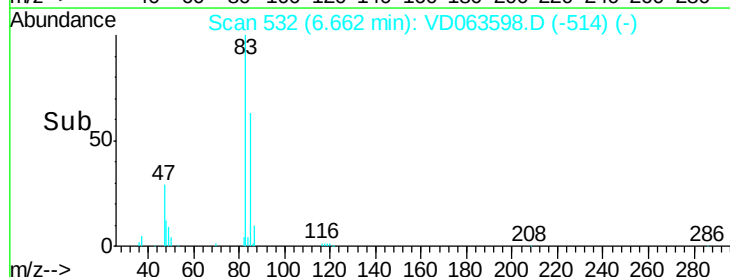
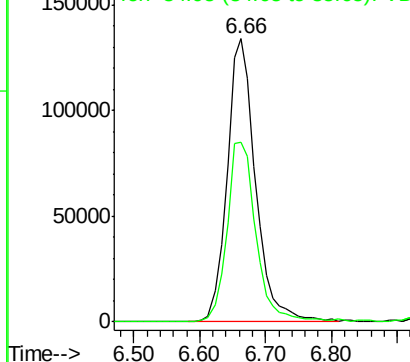
Ion Ratio Lower Upper

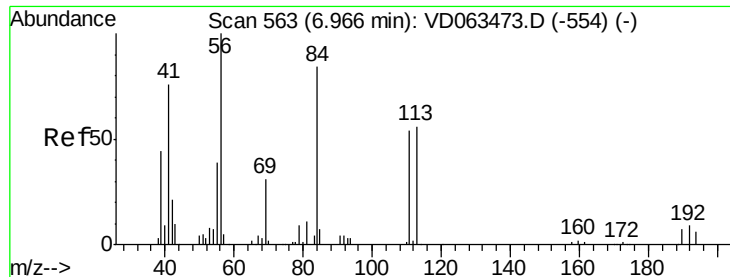
83 100

85 63.3 54.8 82.2



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

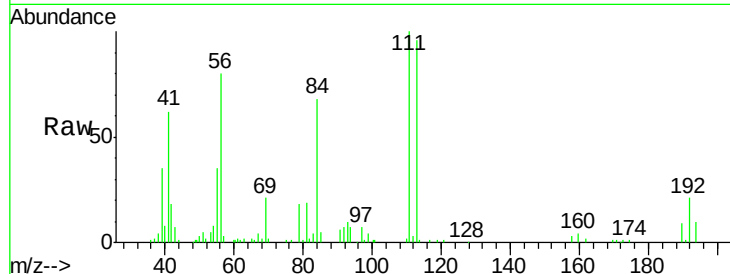




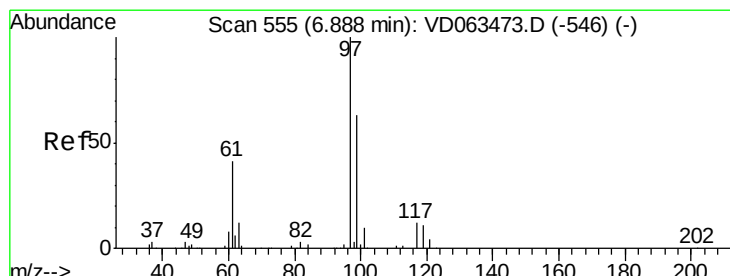
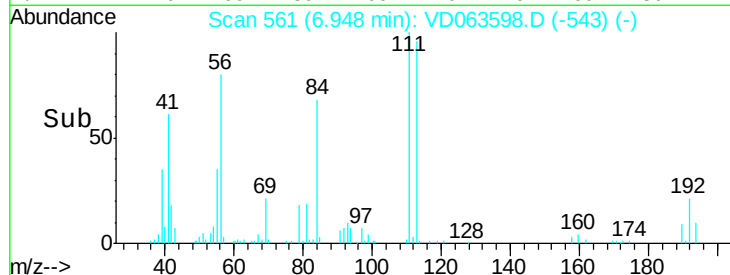
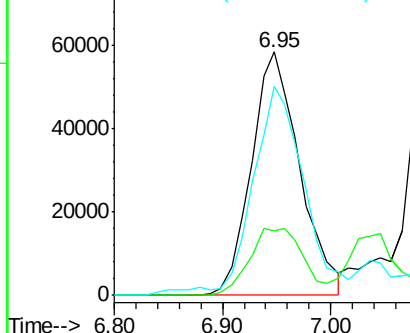
#31  
Cyclohexane  
Concen: 19.906 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion: 56 Resp: 181451  
Ion Ratio Lower Upper  
56 100  
69 26.6 25.0 37.6  
84 85.8 69.7 104.5

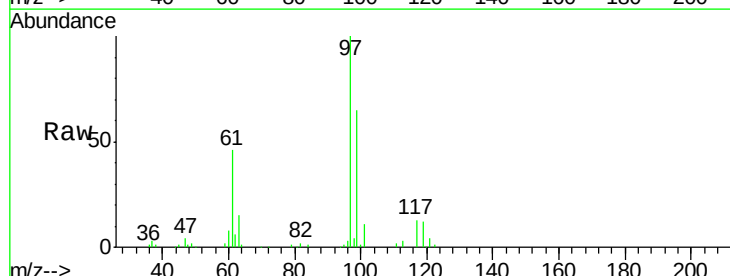


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

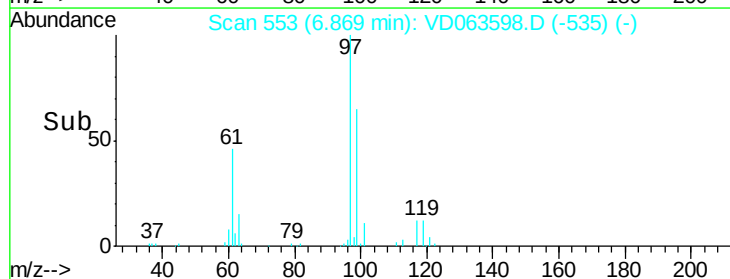
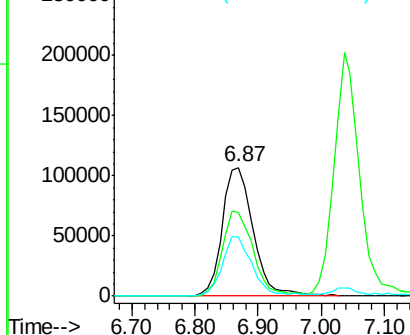


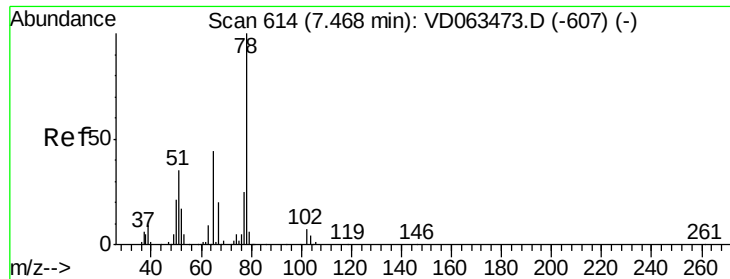
#32  
1,1,1-Trichloroethane  
Concen: 20.889 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 97 Resp: 364693  
Ion Ratio Lower Upper  
97 100  
99 64.7 50.2 75.4  
61 46.3 33.1 49.7



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

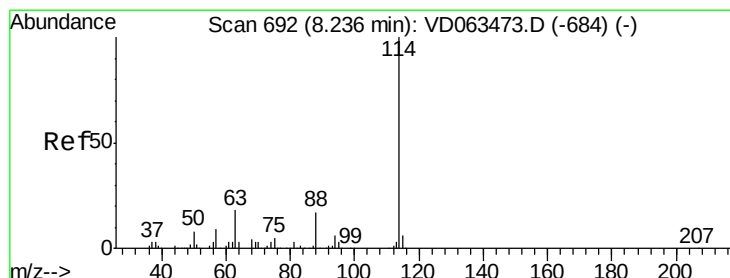
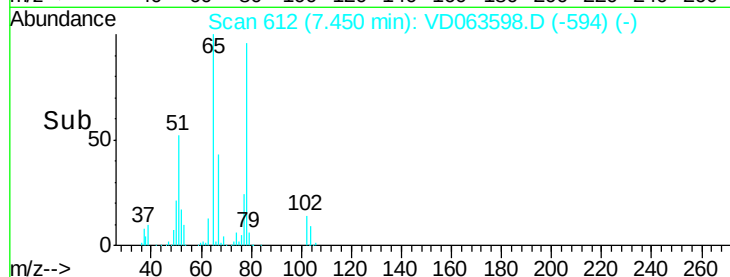
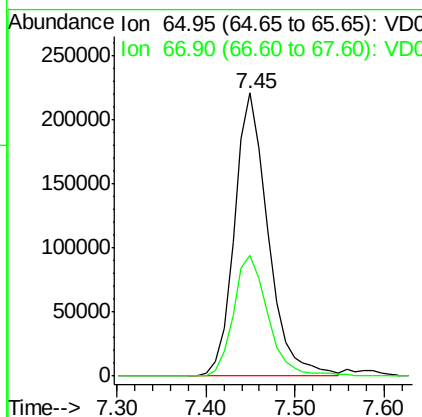
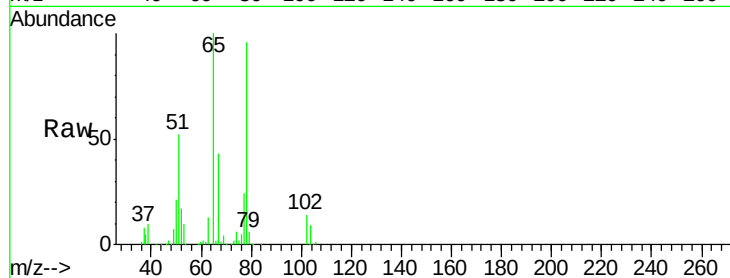




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.568 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

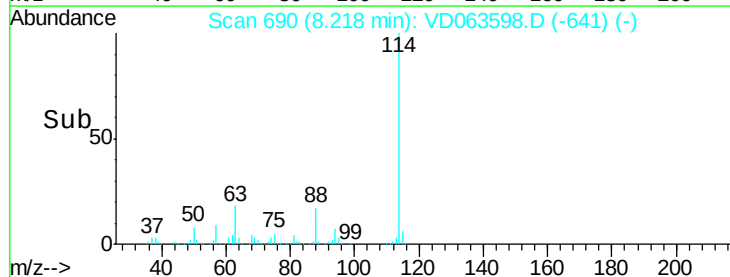
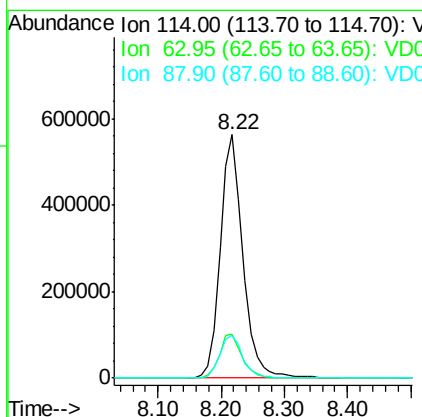
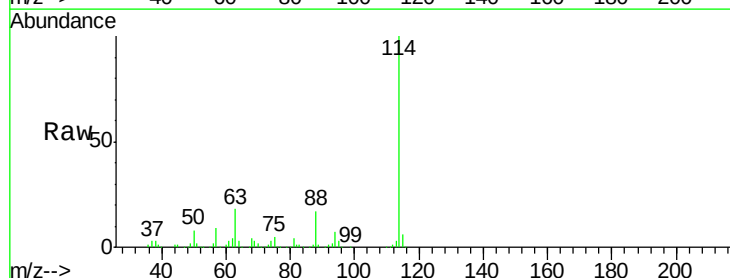
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

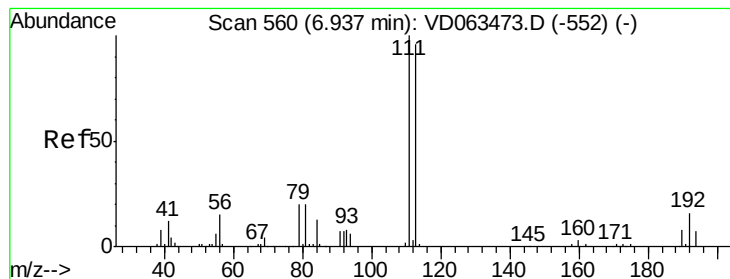
Tot Ion: 65 Resp: 581176  
 Ion Ratio Lower Upper  
 65 100  
 67 42.6 0.0 89.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 114 Resp: 1405126  
 Ion Ratio Lower Upper  
 114 100  
 63 18.3 0.0 36.2  
 88 17.5 0.0 35.0





#35

Dibromofluoromethane

Concen: 51.838 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

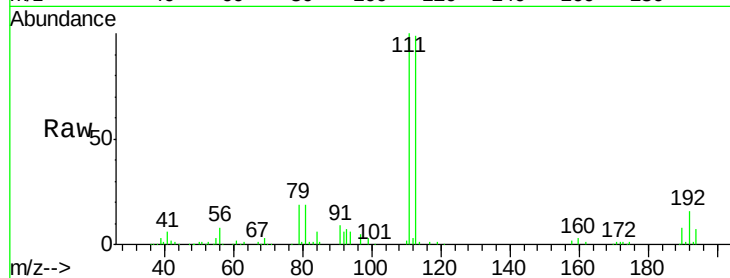
Tot Ion:113 Resp: 613458

Ion Ratio Lower Upper

113 100

111 100.6 83.1 124.7

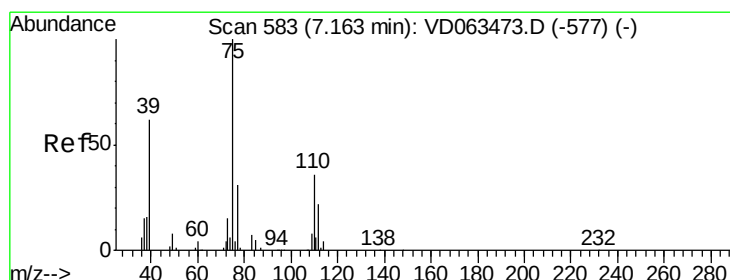
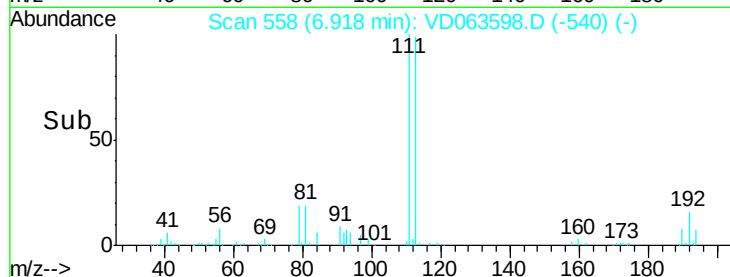
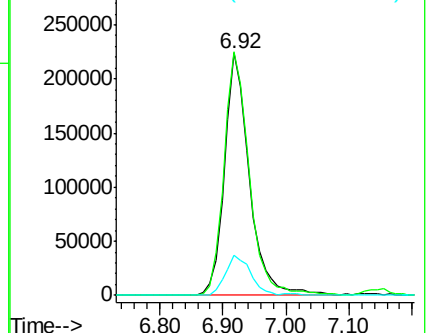
192 16.3 13.1 19.7



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: 19.218 ug/l

RT: 7.14 min Scan# 581

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

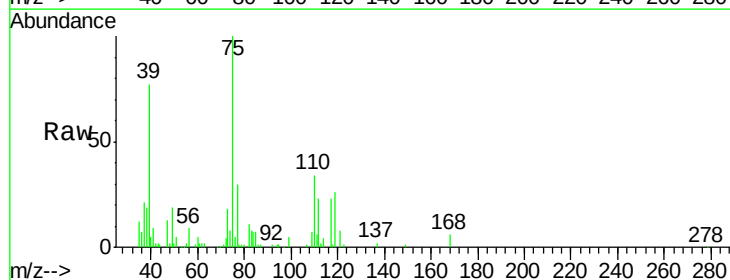
Tgt Ion: 75 Resp: 238717

Ion Ratio Lower Upper

75 100

110 34.5 17.6 52.8

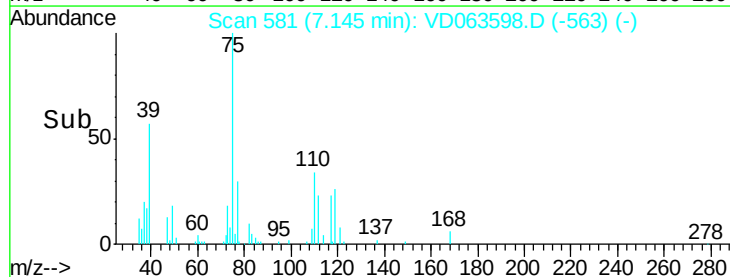
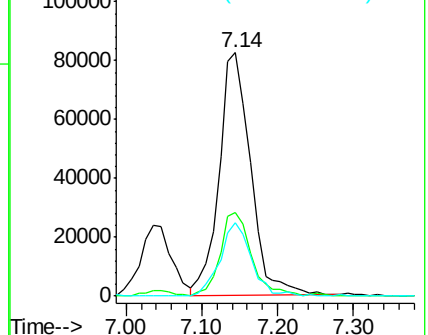
77 30.3 24.3 36.5

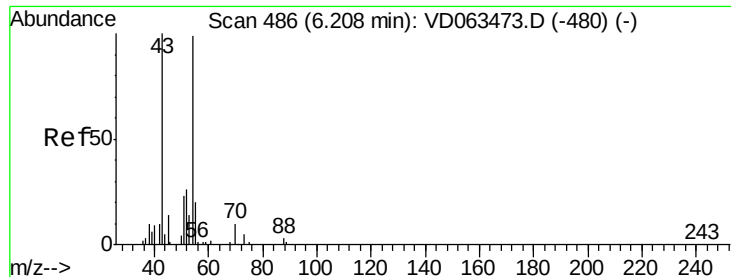


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

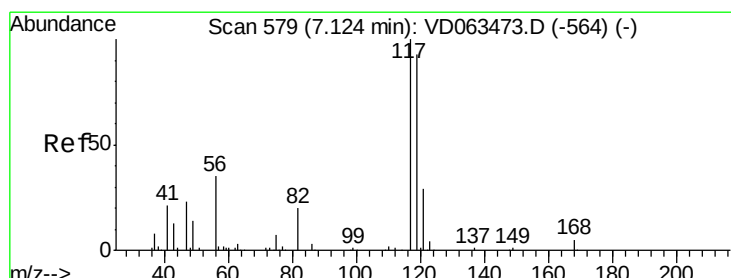
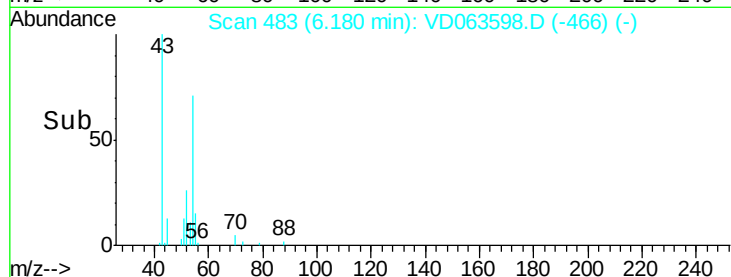
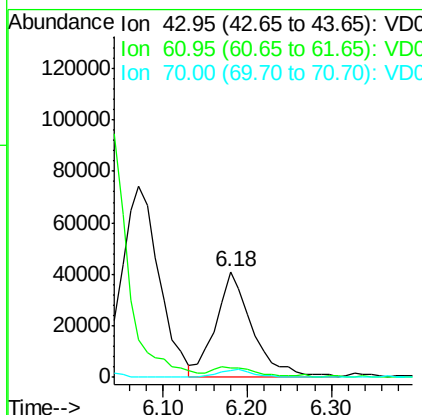
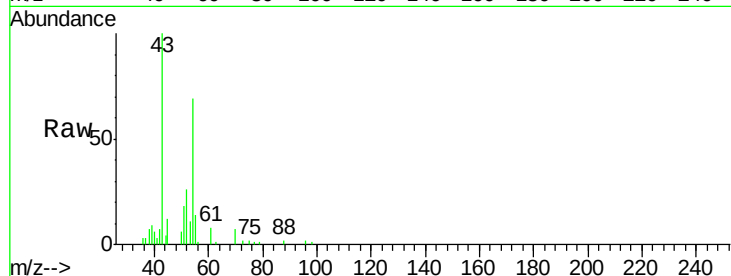




#37  
Ethyl Acetate  
Concen: 23.142 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. -0.03 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

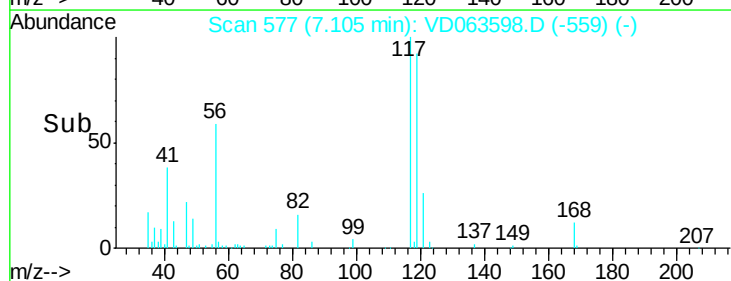
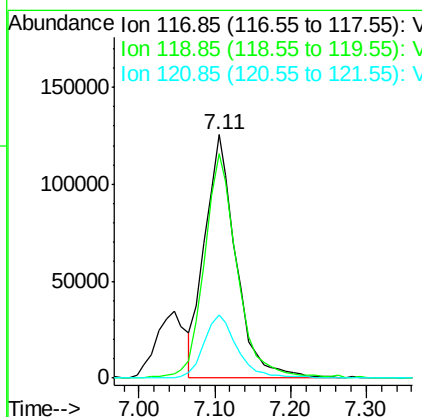
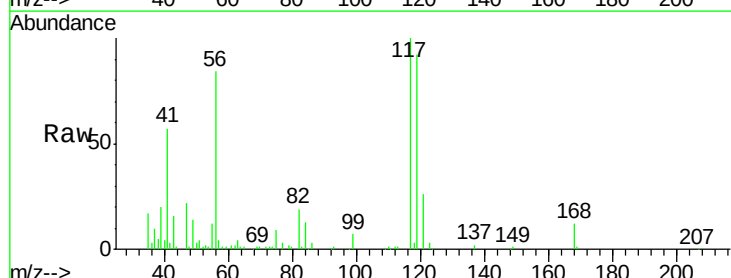
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBS02

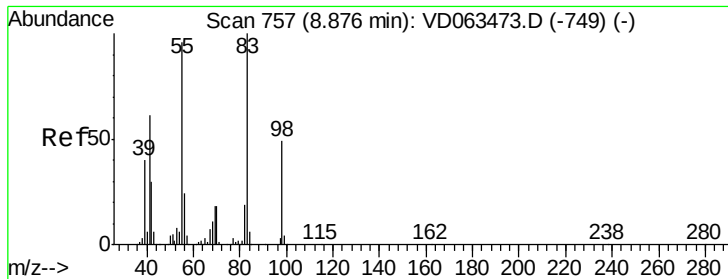
Tot Ion: 43 Resp: 120455  
Ion Ratio Lower Upper  
43 100  
61 8.3 9.0 13.6#  
70 7.0 6.9 10.3



#38  
Carbon Tetrachloride  
Concen: 19.261 ug/l  
RT: 7.11 min Scan# 577  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 117 Resp: 360580  
Ion Ratio Lower Upper  
117 100  
119 92.0 74.2 111.2  
121 26.0 23.1 34.7

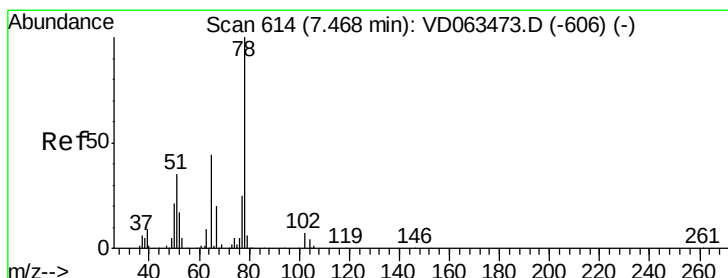
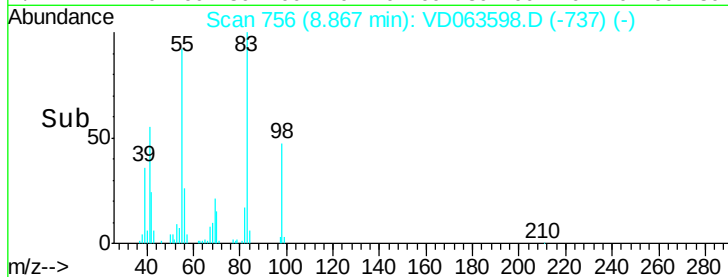
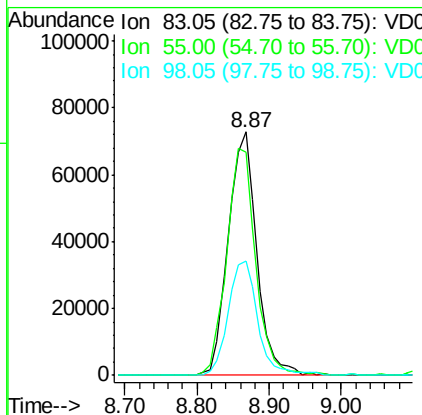
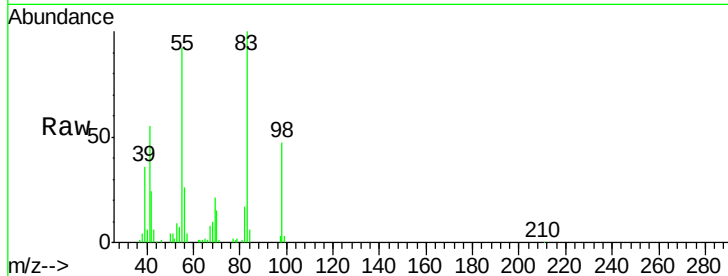




#39  
Methylvlcyclohexane  
Concen: 18.946 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

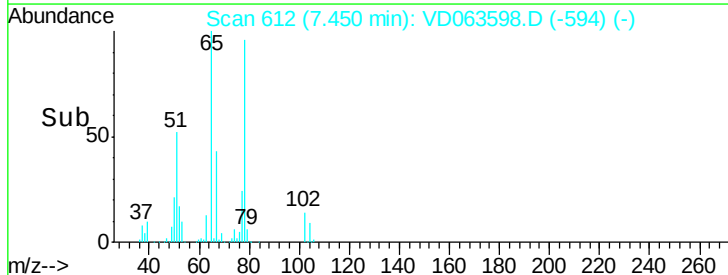
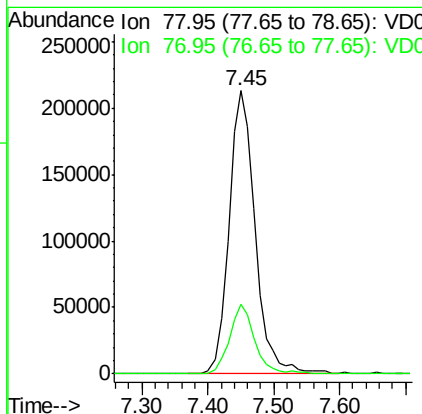
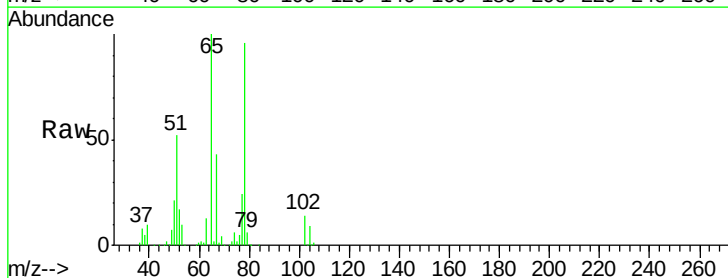
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

| Tot Ion   | 83    | Resp  | 200122 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 91.7  | 76.6  | 114.8  |
| 98        | 47.0  | 39.4  | 59.0   |

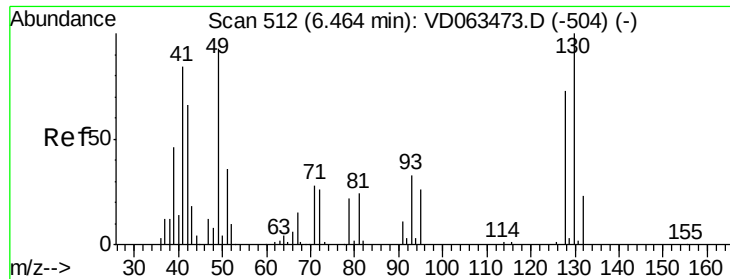


#40  
Benzene  
Concen: 21.585 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

| Tgt Ion   | 78    | Resp  | 590034 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 24.6  | 20.1  | 30.1   |



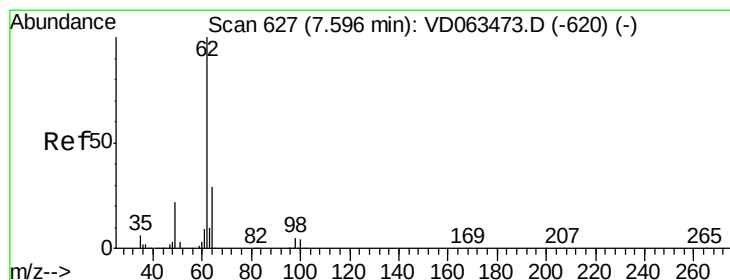
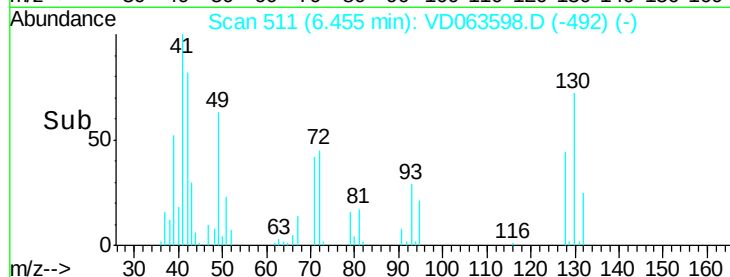
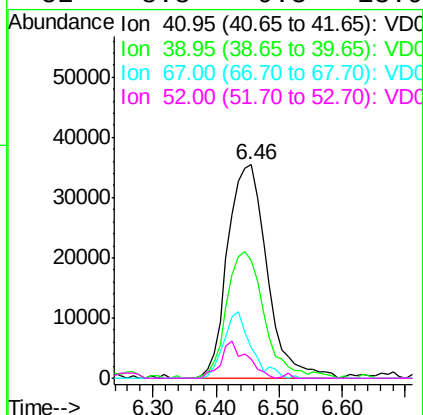
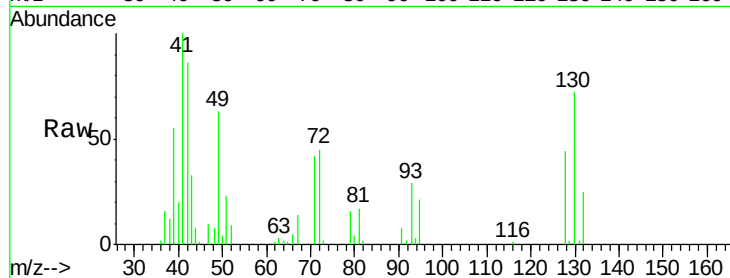




#41  
Methacrylonitrile  
Concen: 23.459 ug/l  
RT: 6.46 min Scan# 511  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

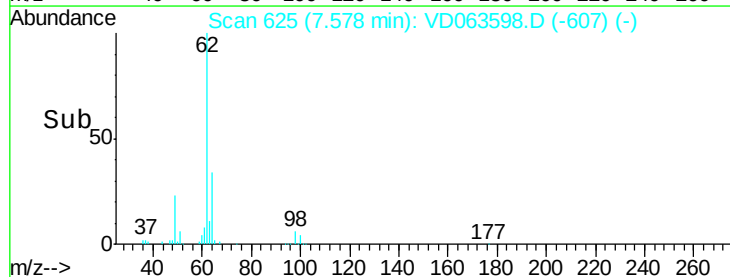
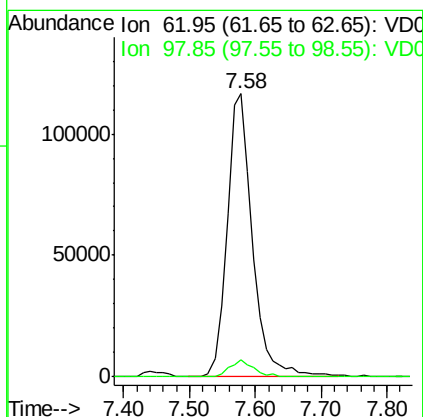
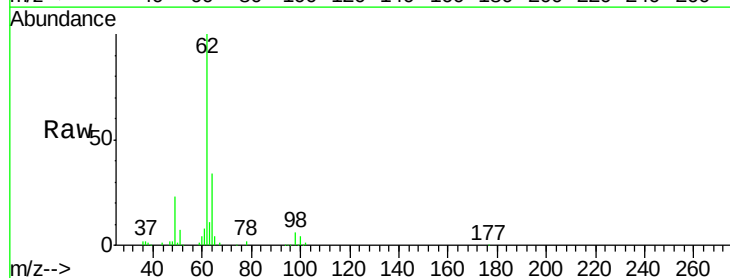
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

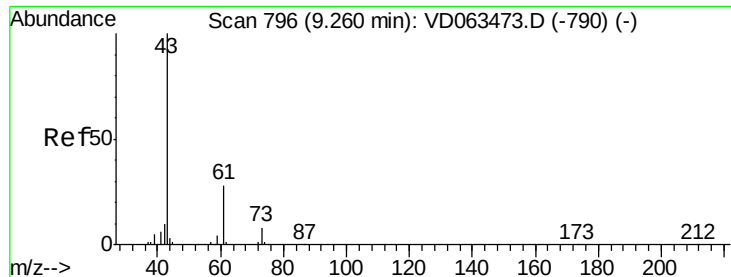
Tot Ion: 41 Resp: 153746  
Ion Ratio Lower Upper  
41 100  
39 55.2 44.6 66.8  
67 14.3 14.4 21.6#  
52 8.8 9.3 13.9#



#42  
1,2-Dichloroethane  
Concen: 22.733 ug/l  
RT: 7.58 min Scan# 625  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 62 Resp: 312467  
Ion Ratio Lower Upper  
62 100  
98 5.9 0.0 10.4





#43

Isopropyl Acetate

Concen: 21.454 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

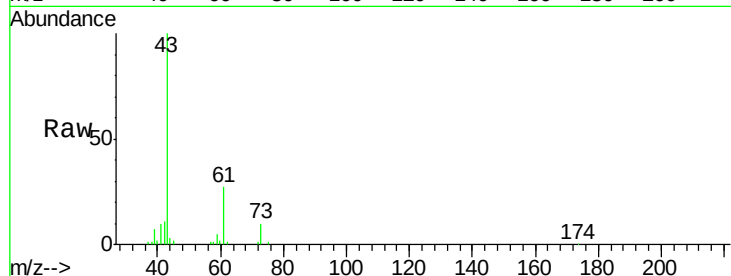
Tot Ion: 43 Resp: 149560

Ion Ratio Lower Upper

43 100

61 26.9 22.2 33.2

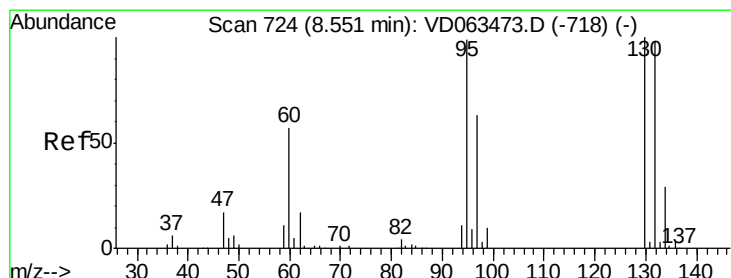
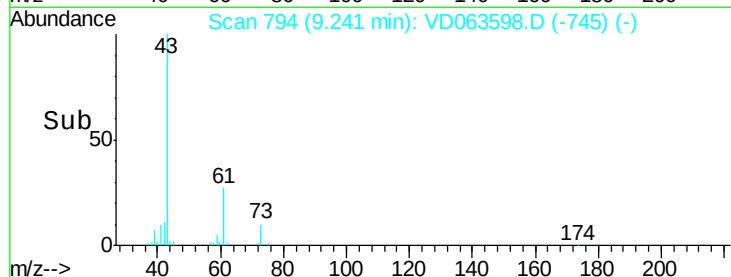
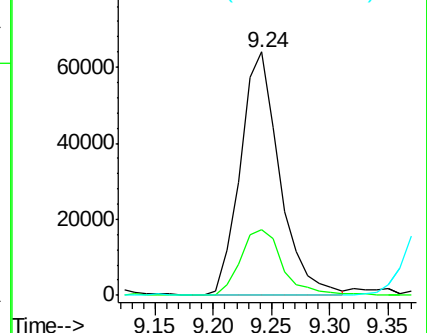
87 0.0 0.2 0.4#



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: 19.331 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD063598.D

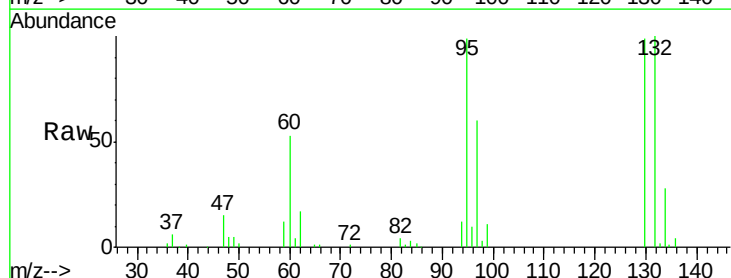
Acq: 15 Aug 2019 4:00

Tgt Ion:130 Resp: 201975

Ion Ratio Lower Upper

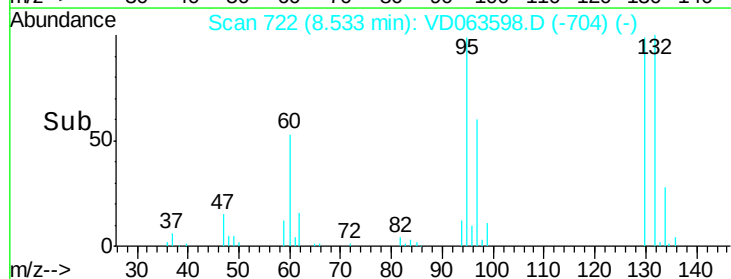
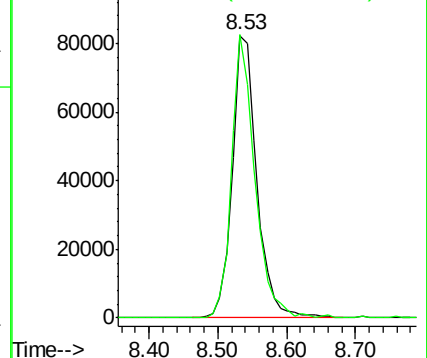
130 100

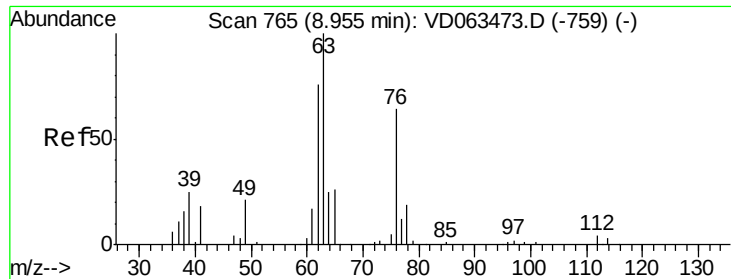
95 100.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

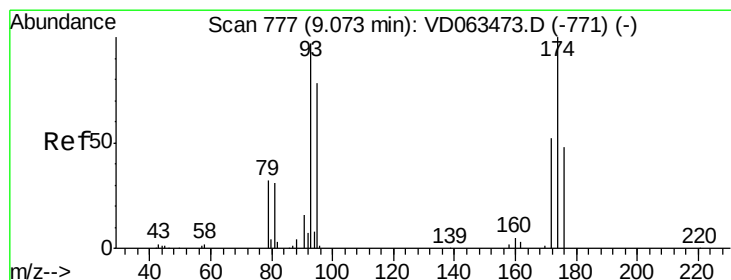
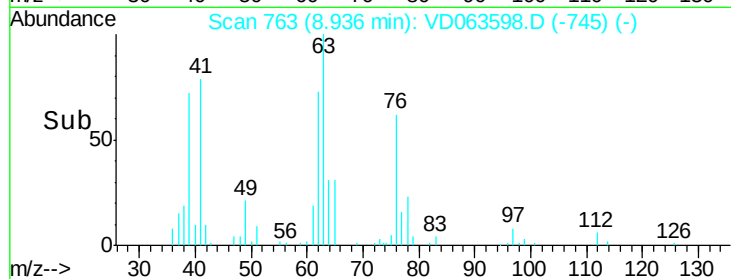
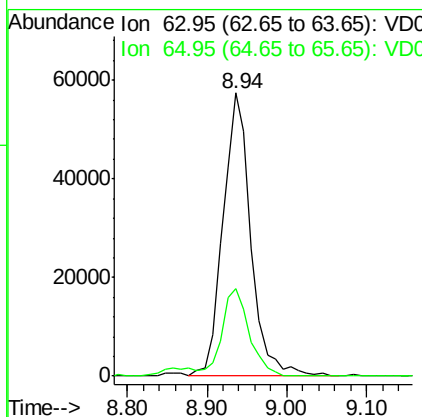
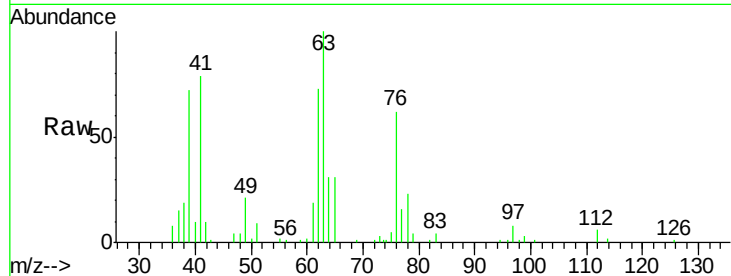




#45  
 1,2-Dichloropropane  
 Concen: 22.159 ug/l  
 RT: 8.94 min Scan# 763  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

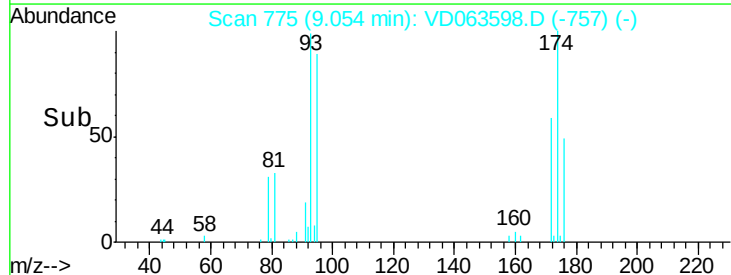
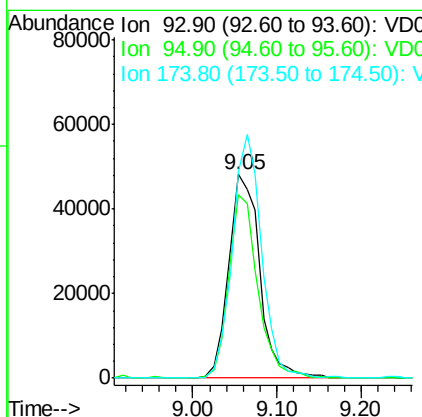
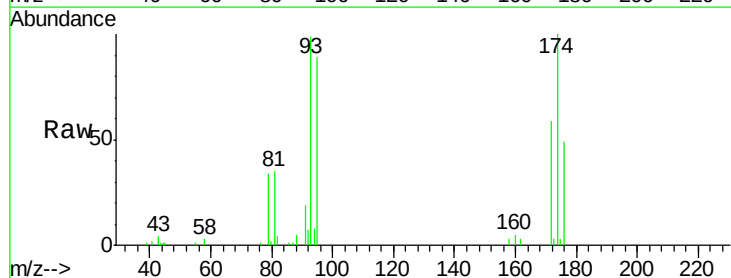
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

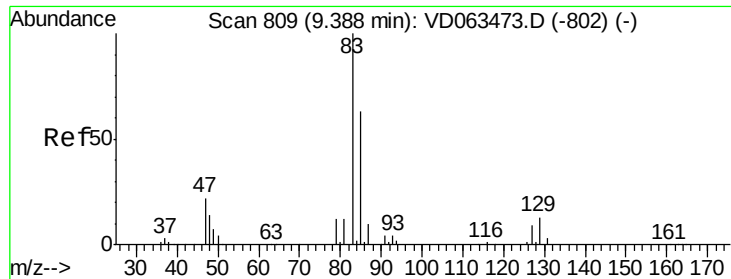
Tot Ion: 63 Resp: 141057  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 22.5 33.7



#46  
 Dibromomethane  
 Concen: 22.714 ug/l  
 RT: 9.05 min Scan# 775  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 93 Resp: 123480  
 Ion Ratio Lower Upper  
 93 100  
 95 90.1 64.2 96.2  
 174 101.3 82.1 123.1





#47

Bromodichloromethane

Concen: 22.767 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

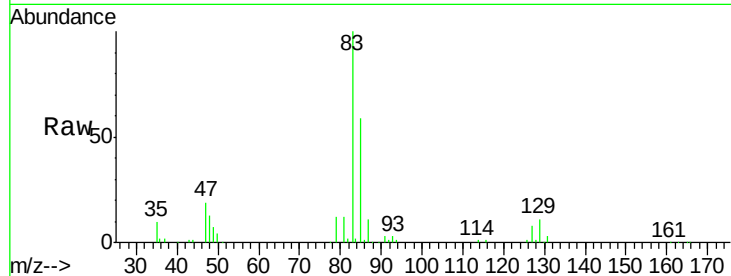
Tot Ion: 83 Resp: 317482

Ion Ratio Lower Upper

83 100

85 59.0 50.1 75.1

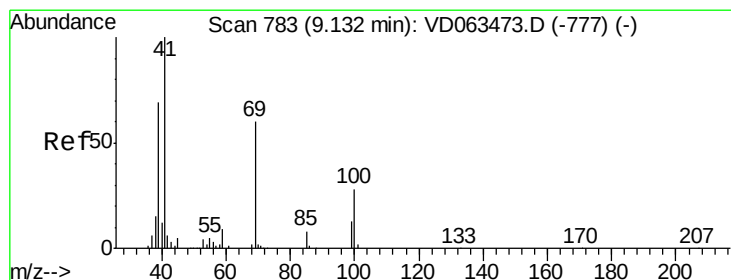
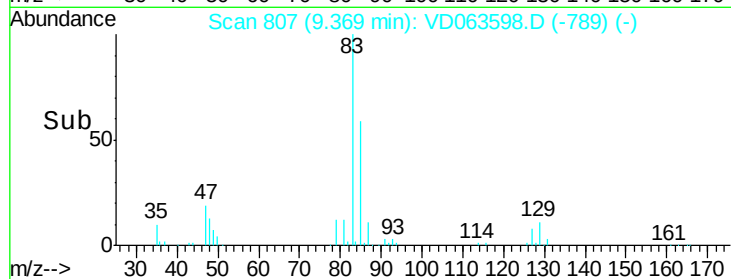
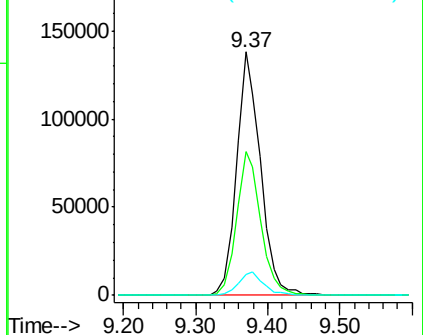
127 8.4 7.6 11.4



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: 24.691 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

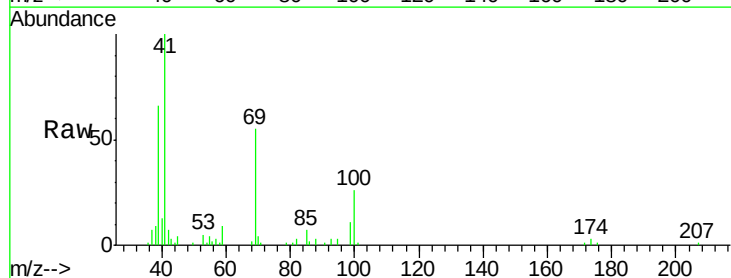
Tgt Ion: 41 Resp: 116730

Ion Ratio Lower Upper

41 100

69 55.2 47.6 71.4

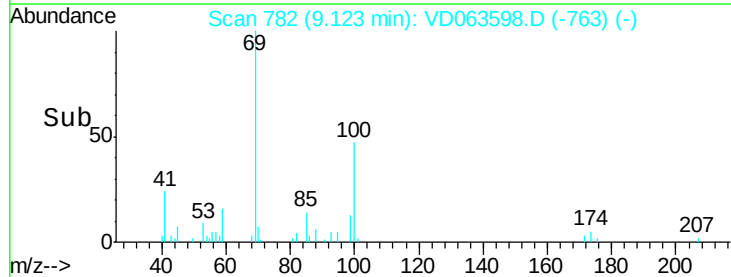
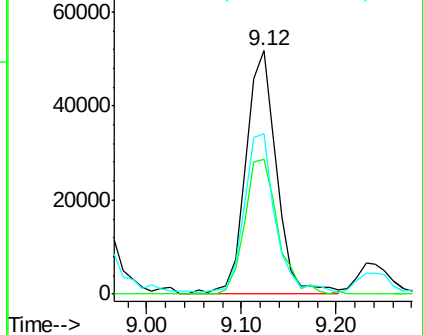
39 66.0 55.7 83.5

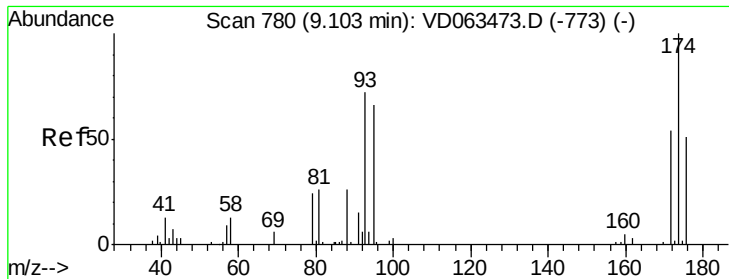


Abundance Ion 40.95 (40.65 to 41.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 38.95 (38.65 to 39.65): VDC

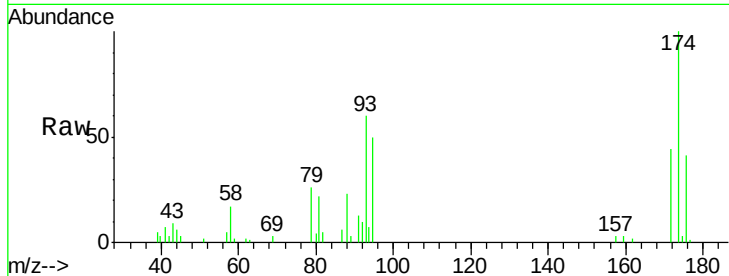




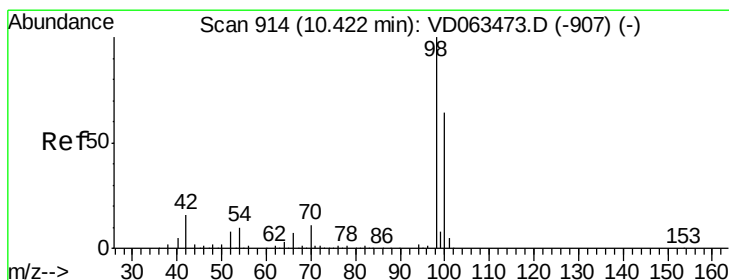
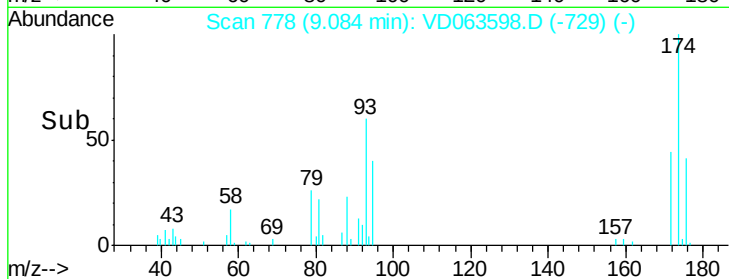
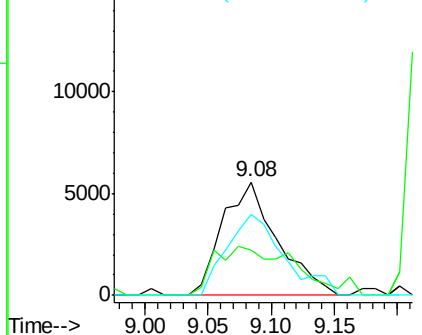
#49  
1,4-Dioxane  
Concen: 413.755 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion: 88 Resp: 16840  
Ion Ratio Lower Upper  
88 100  
43 39.6 22.9 34.3#  
58 71.1 40.1 60.1#

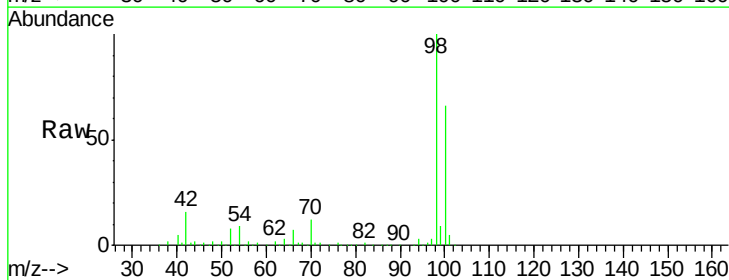


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

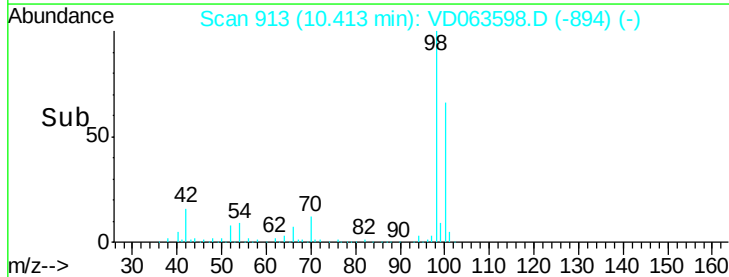
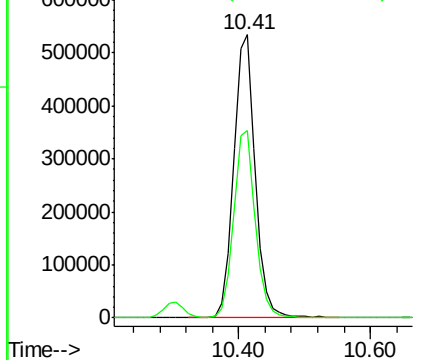


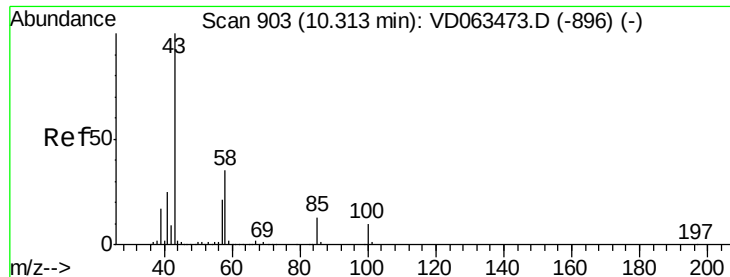
#50  
Toluene-d8  
Concen: 46.972 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 98 Resp: 1222102  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.7 77.5



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: 120.065 ug/l

RT: 10.29 min Scan# 901

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

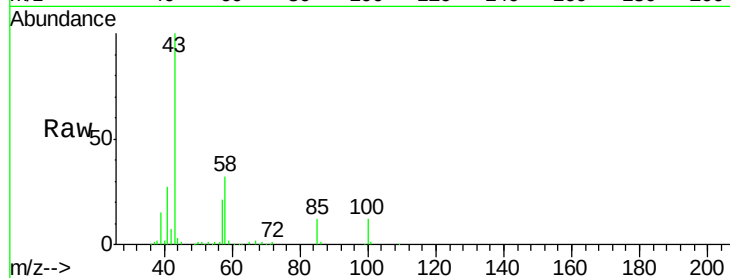
VD0814SBS02

Tot Ion: 43 Resp: 572734

Ion Ratio Lower Upper

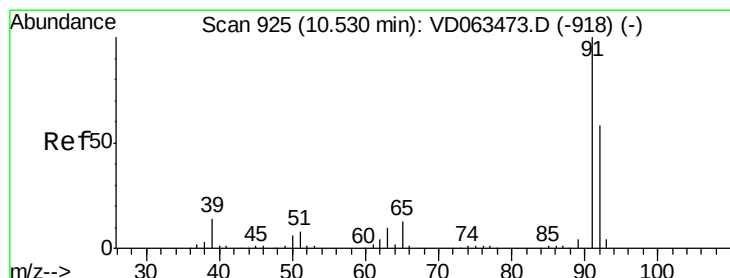
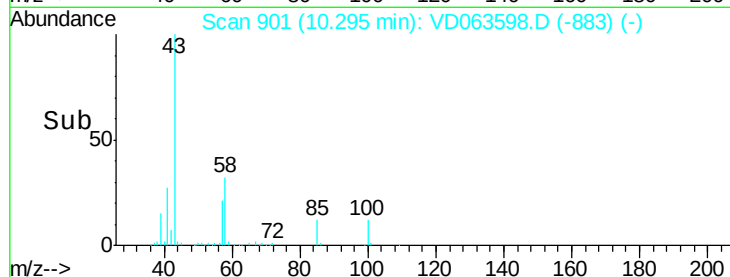
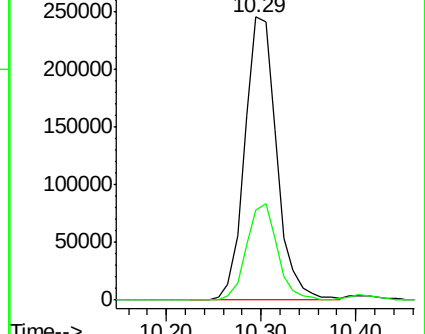
43 100

58 31.9 28.0 42.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#52

Toluene

Concen: 21.416 ug/l

RT: 10.50 min Scan# 922

Delta R.T. -0.03 min

Lab File: VD063598.D

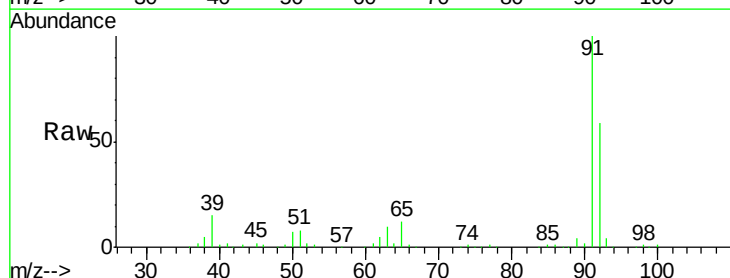
Acq: 15 Aug 2019 4:00

Tgt Ion: 92 Resp: 377058

Ion Ratio Lower Upper

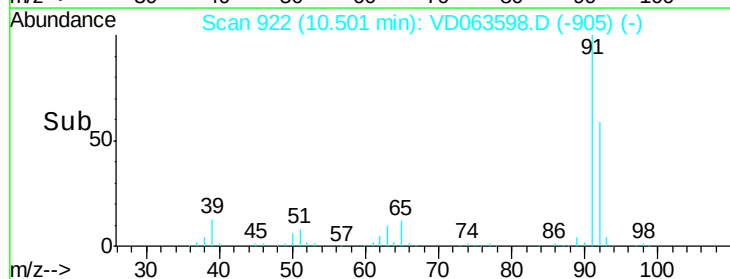
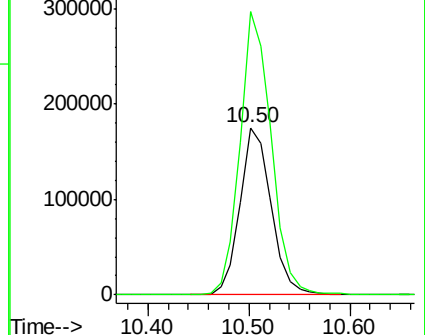
92 100

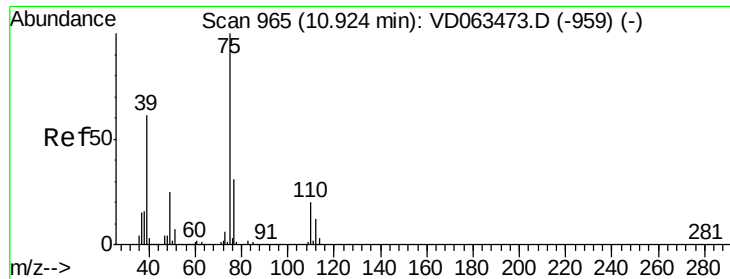
91 169.3 137.9 206.9



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: 21.569 ug/l

RT: 10.91 min Scan# 964

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

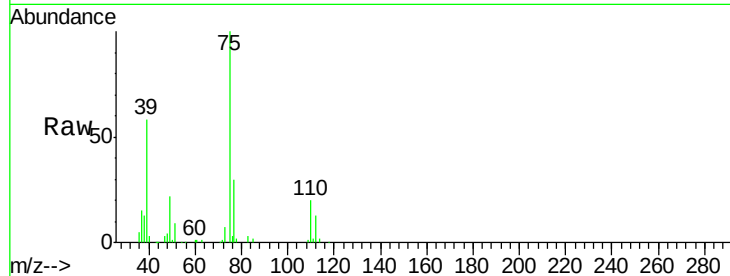
VD0814SBSD02

Tot Ion: 75 Resp: 245463

Ion Ratio Lower Upper

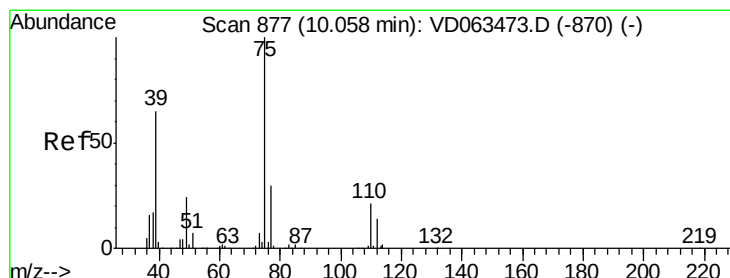
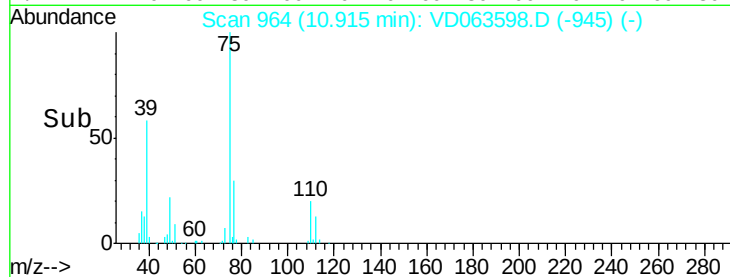
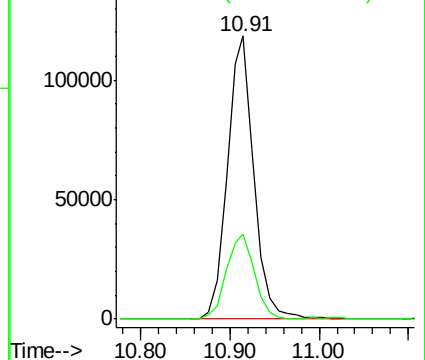
75 100

77 30.0 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.960 ug/l

RT: 10.04 min Scan# 875

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

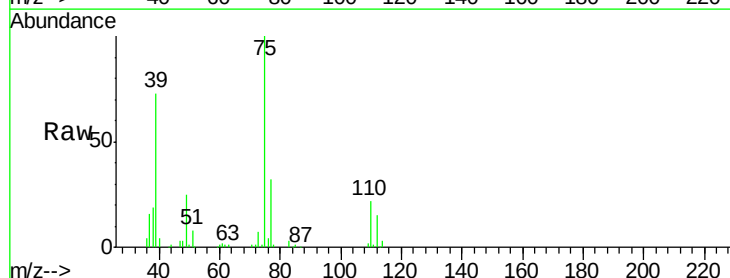
Tgt Ion: 75 Resp: 281792

Ion Ratio Lower Upper

75 100

77 31.5 23.7 35.5

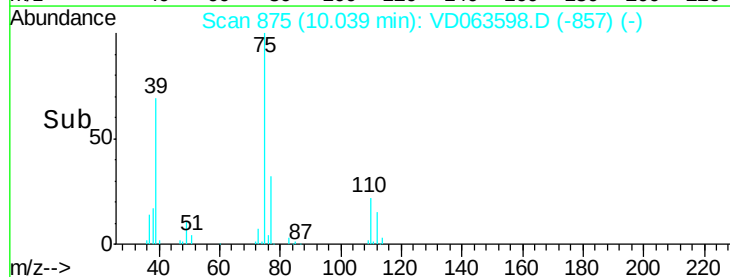
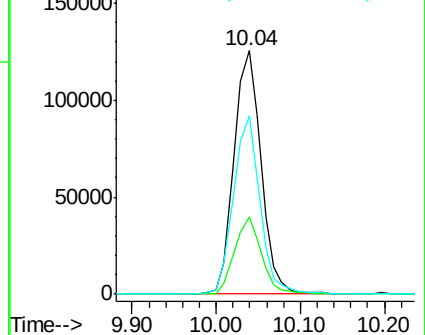
39 73.3 52.2 78.4

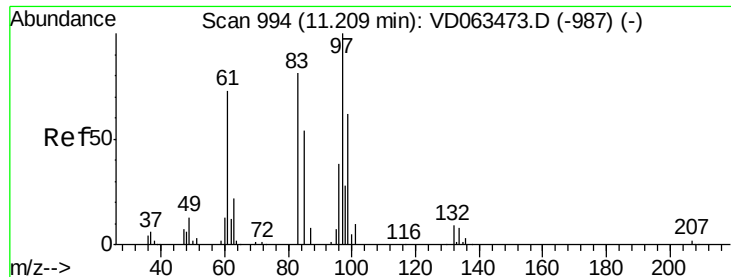


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

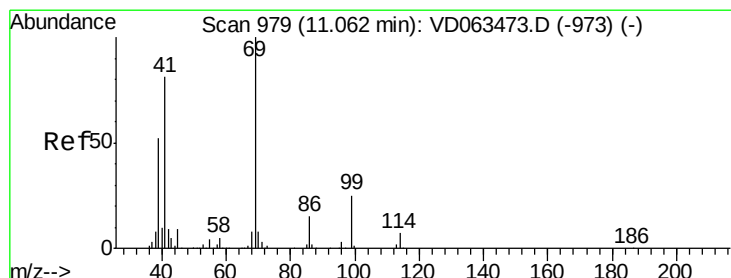
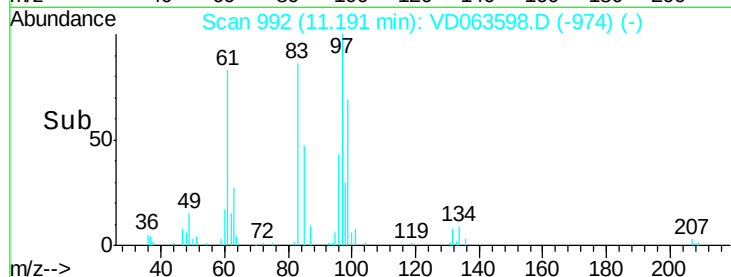
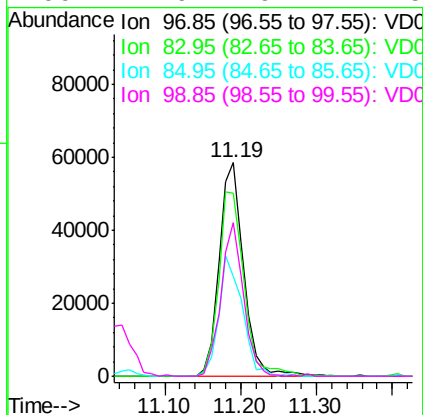
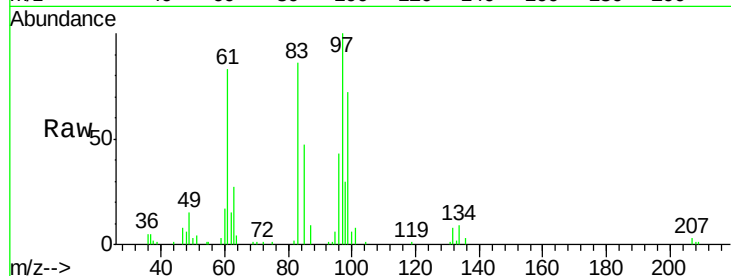




#55  
 1,1,2-Trichloroethane  
 Concen: 22.080 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

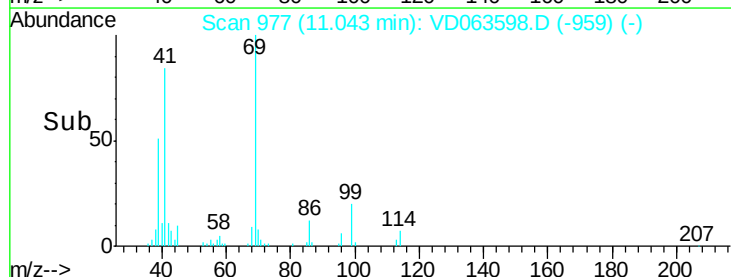
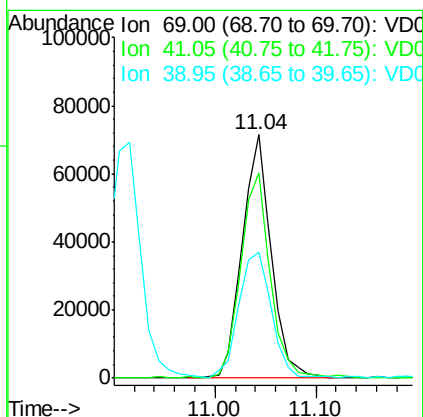
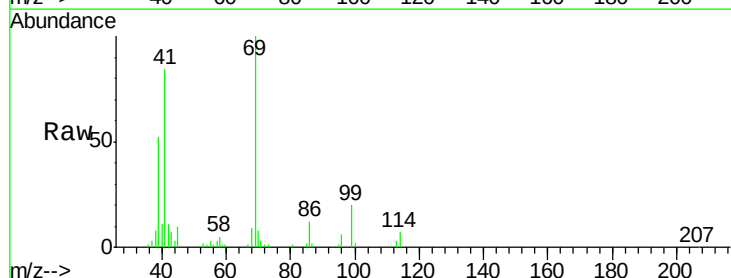
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 131321 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.9  | 64.7  | 97.1   |
| 85       | 47.0  | 42.9  | 64.3   |
| 99       | 71.9  | 49.7  | 74.5   |

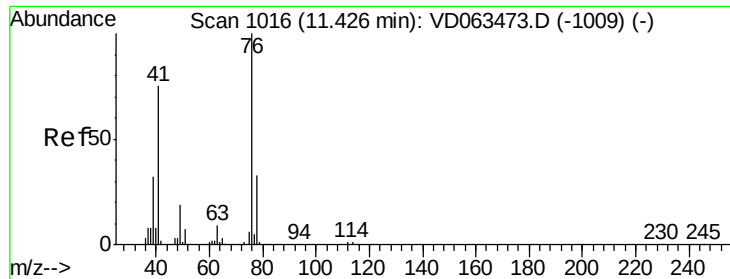


#56  
 Ethyl methacrylate  
 Concen: 22.111 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 142736 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 84.0  | 64.8  | 97.2   |
| 39       | 51.9  | 42.4  | 63.6   |







#57

1,3-Dichloropropane

Concen: 22.648 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

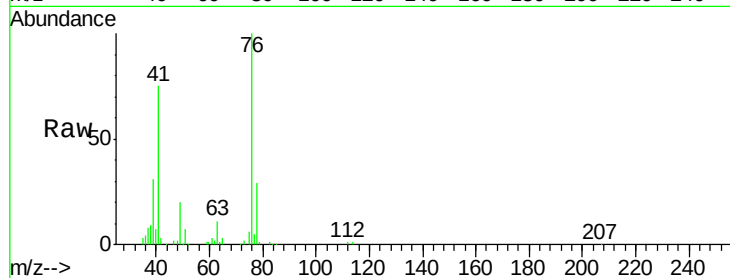
VD0814SBSD02

Tot Ion: 76 Resp: 203608

Ion Ratio Lower Upper

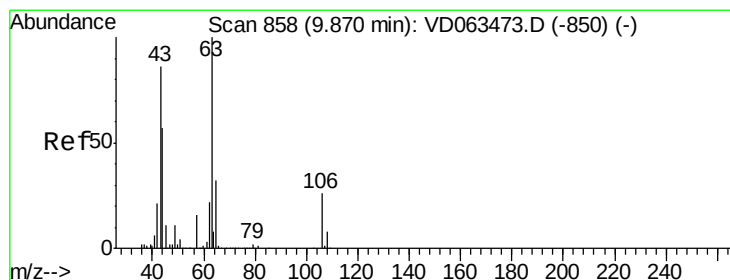
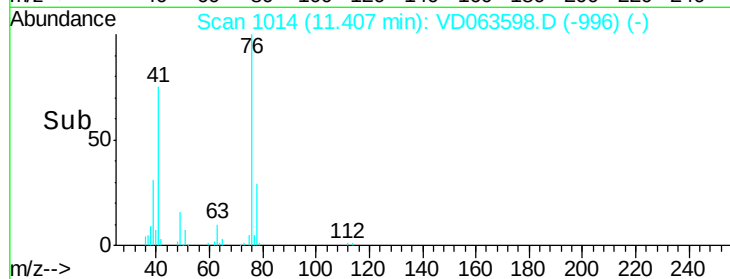
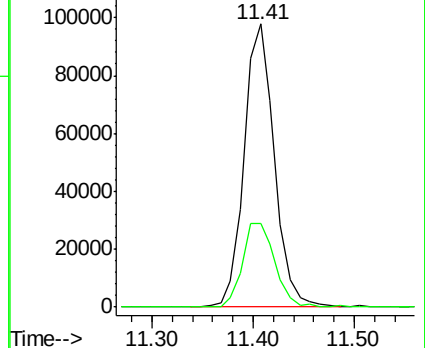
76 100

78 29.5 26.3 39.5



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: 108.777 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.02 min

Lab File: VD063598.D

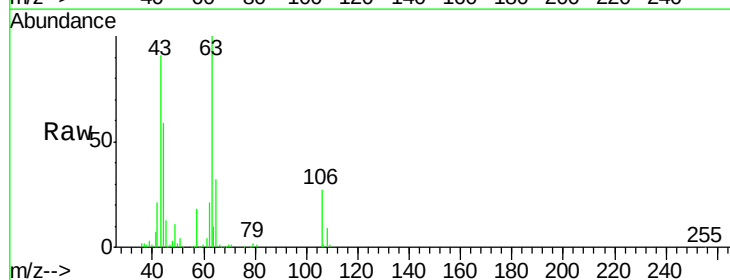
Acq: 15 Aug 2019 4:00

Tgt Ion: 63 Resp: 370713

Ion Ratio Lower Upper

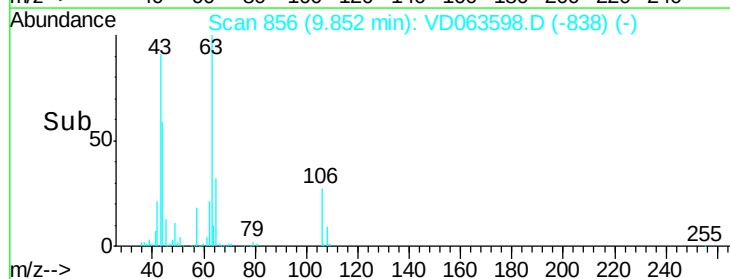
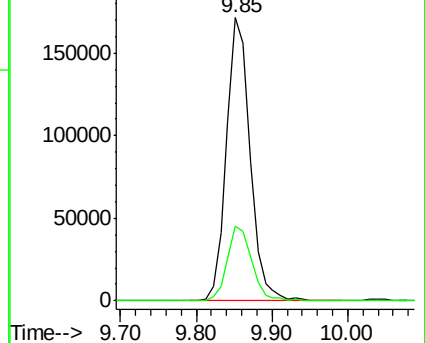
63 100

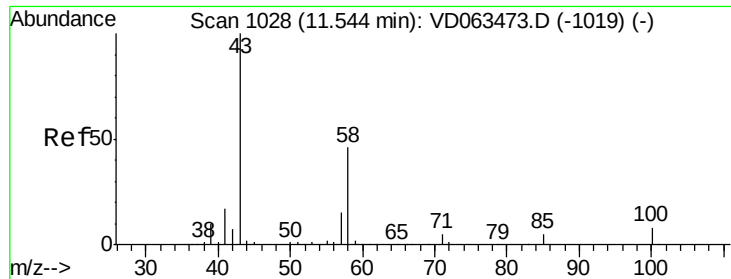
106 26.6 20.8 31.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): V

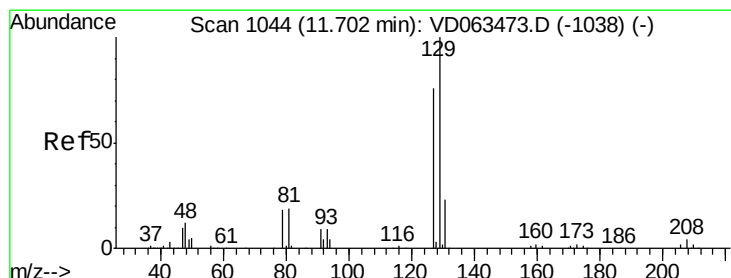
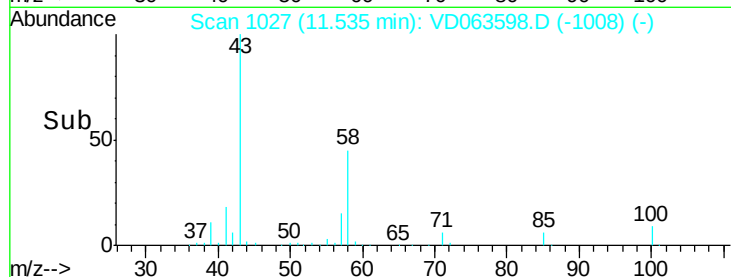
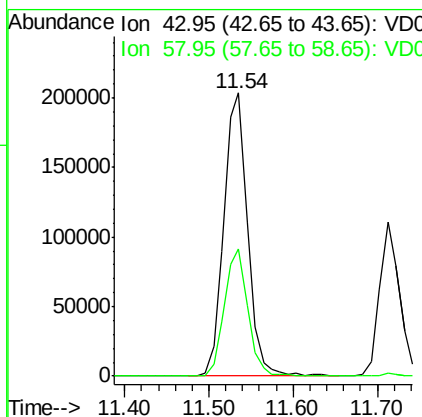
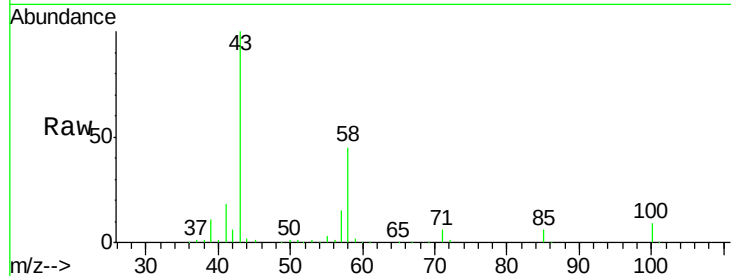




#59  
2-Hexanone  
Concen: 114.902 ug/l  
RT: 11.54 min Scan# 1027  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

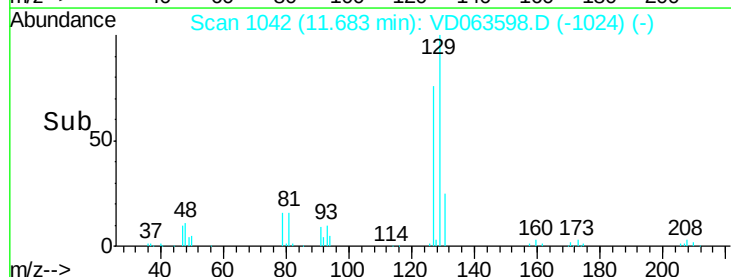
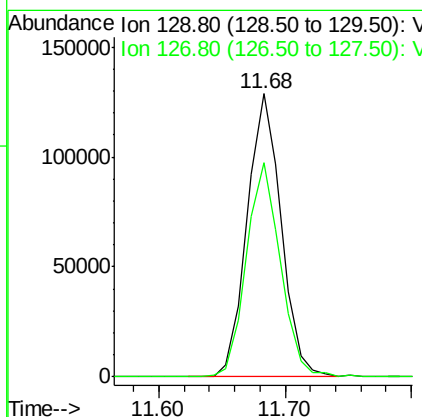
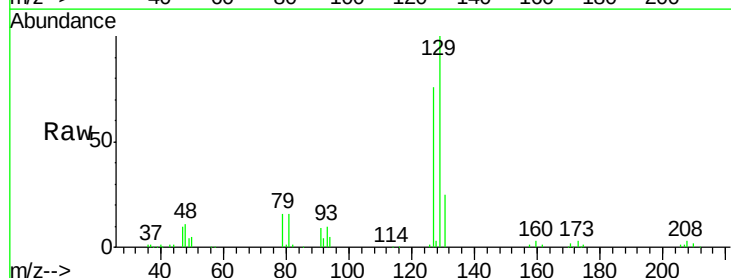
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

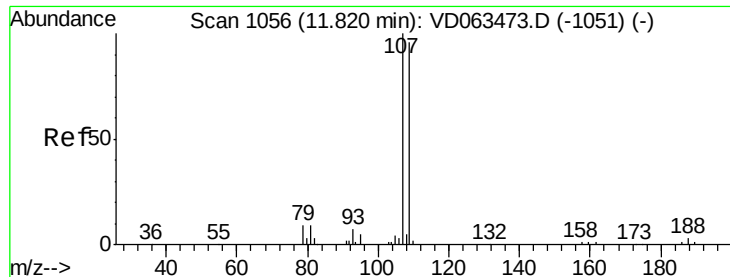
Tot Ion: 43 Resp: 398816  
Ion Ratio Lower Upper  
43 100  
58 45.2 23.1 69.2



#60  
Dibromochloromethane  
Concen: 22.299 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 129 Resp: 241328  
Ion Ratio Lower Upper  
129 100  
127 75.6 37.8 113.4

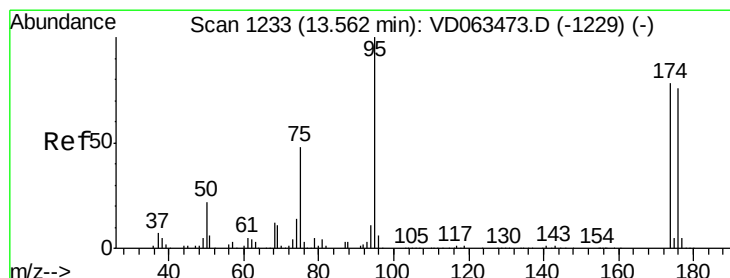
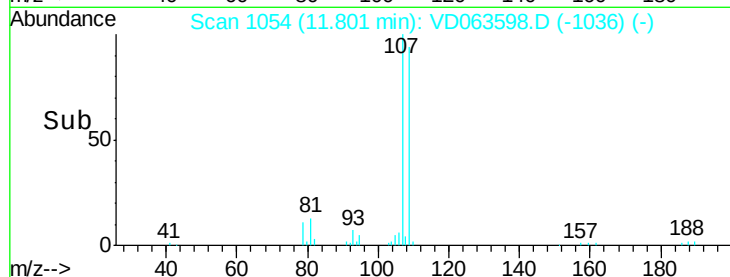
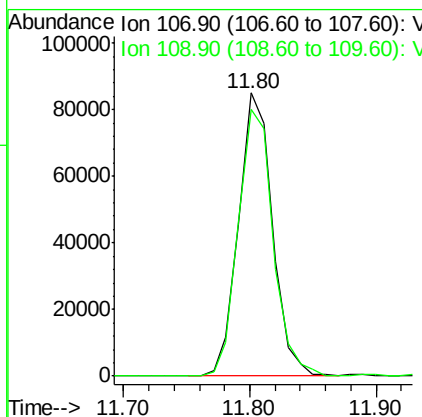
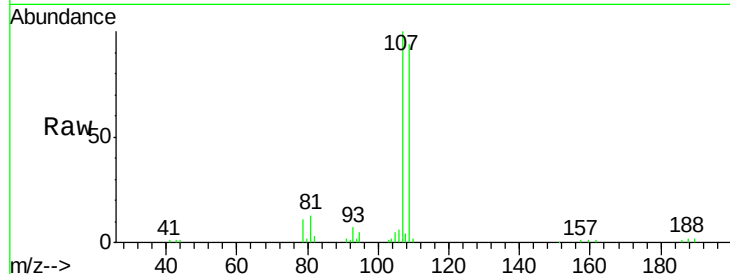




#61  
 1,2-Dibromoethane  
 Concen: 21.892 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

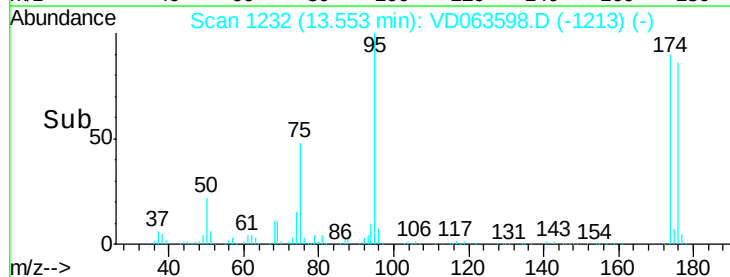
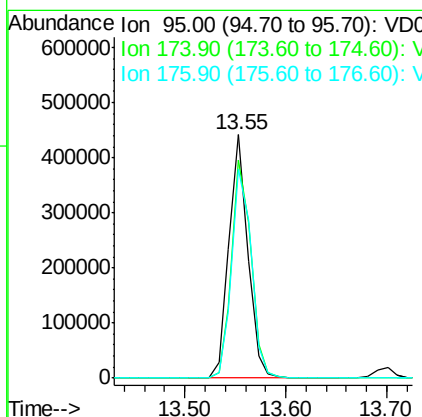
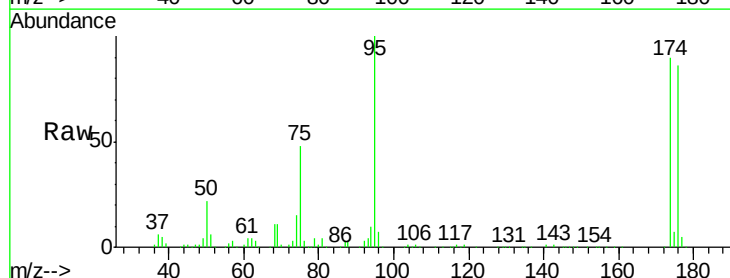
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

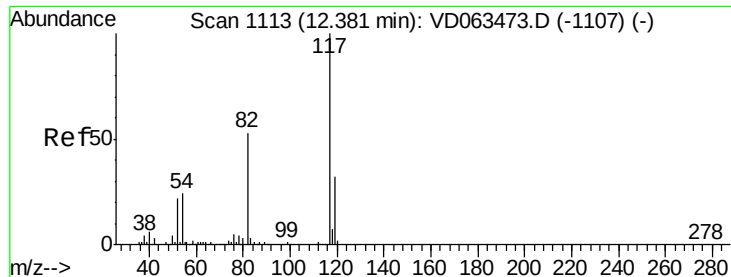
Tot Ion: 107 Resp: 157624  
 Ion Ratio Lower Upper  
 107 100  
 109 94.1 76.8 115.2



#62  
 4-Bromofluorobenzene  
 Concen: 48.496 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 95 Resp: 571884  
 Ion Ratio Lower Upper  
 95 100  
 174 89.8 0.0 155.4  
 176 86.1 0.0 152.4

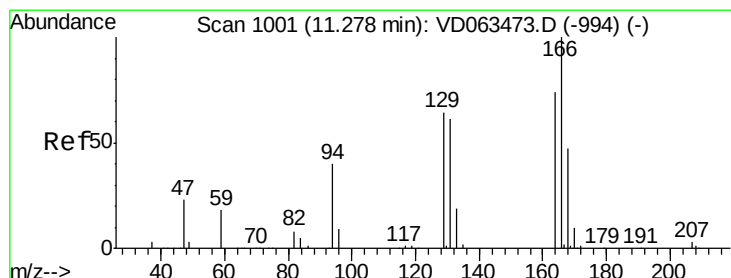
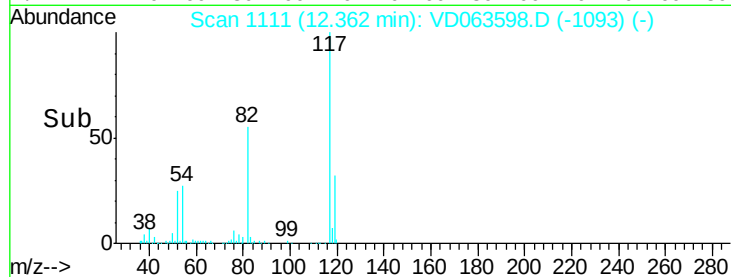
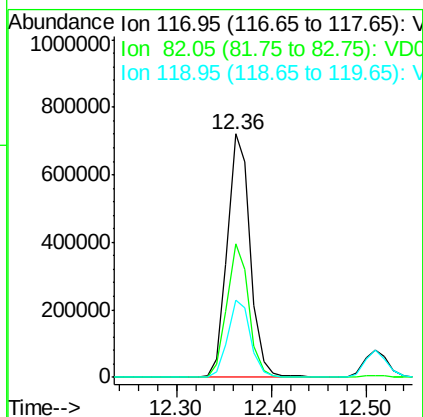
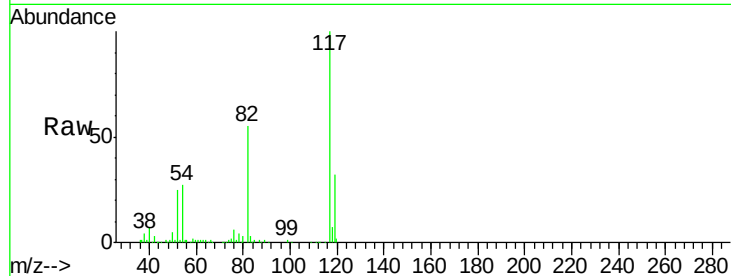




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

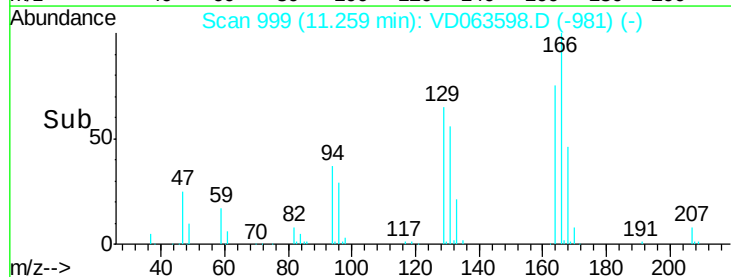
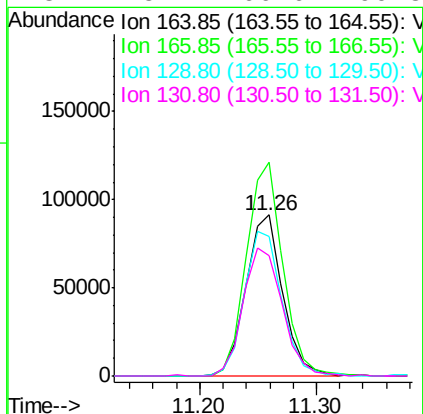
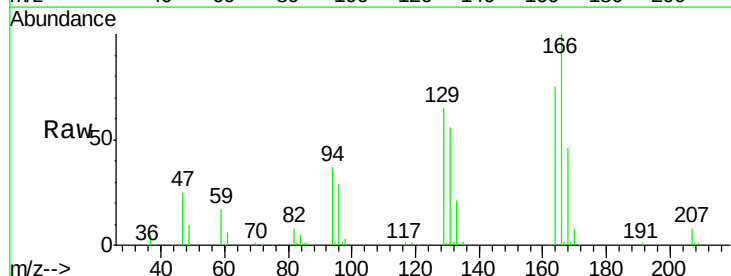
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

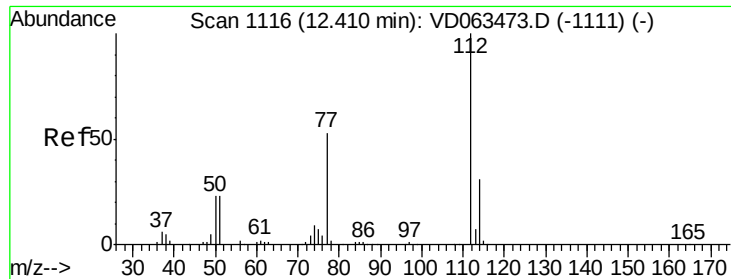
Tot Ion:117 Resp: 1207259  
Ion Ratio Lower Upper  
117 100  
82 55.1 42.0 63.0  
119 31.6 25.4 38.0



#64  
Tetrachloroethene  
Concen: 21.379 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion:164 Resp: 199251  
Ion Ratio Lower Upper  
164 100  
166 132.9 108.6 163.0  
129 86.8 69.0 103.6  
131 75.1 66.6 99.8

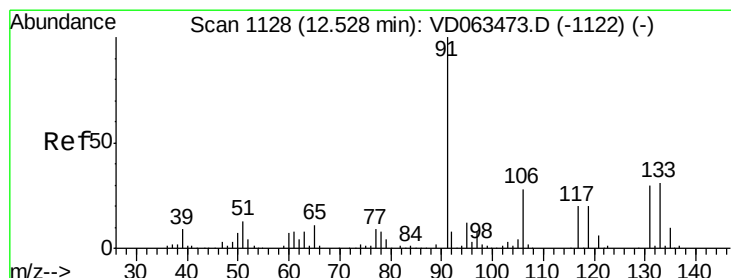
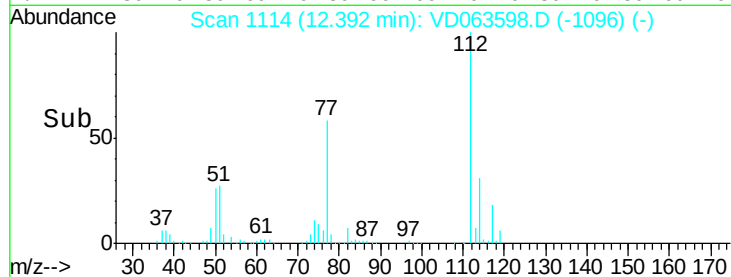
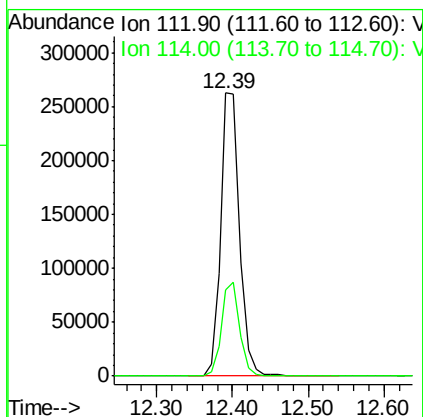
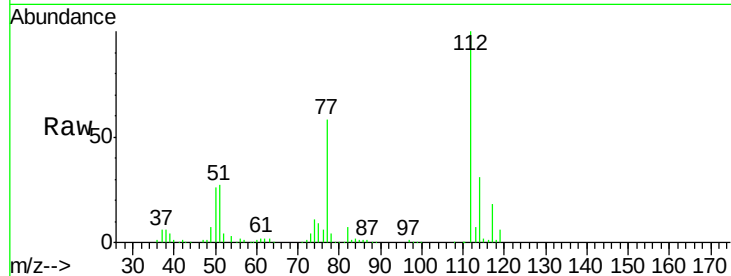




#65  
Chlorobenzene  
Concen: 20.238 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

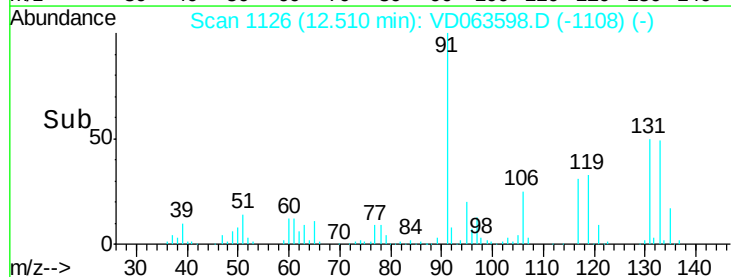
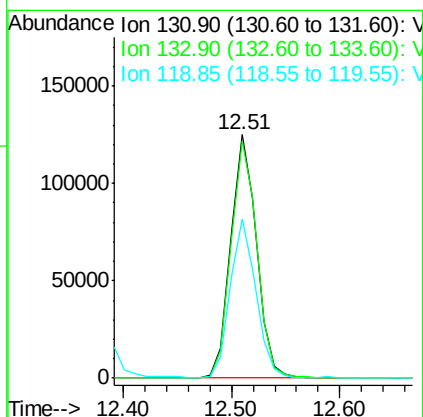
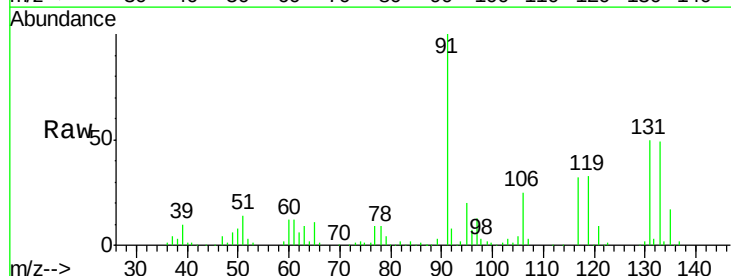
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

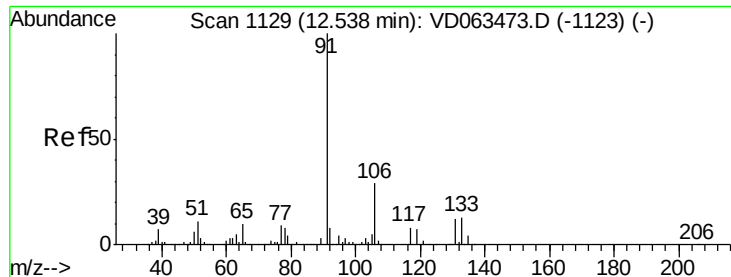
Tot Ion:112 Resp: 457931  
Ion Ratio Lower Upper  
112 100  
114 30.7 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.793 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion:131 Resp: 207059  
Ion Ratio Lower Upper  
131 100  
133 97.4 51.1 153.3  
119 65.5 33.1 99.3

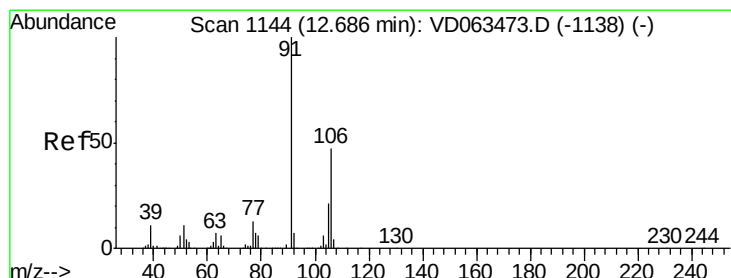
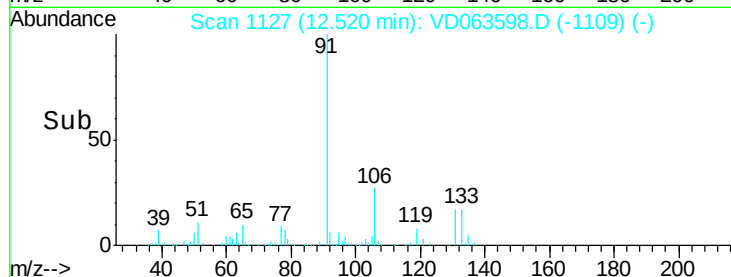
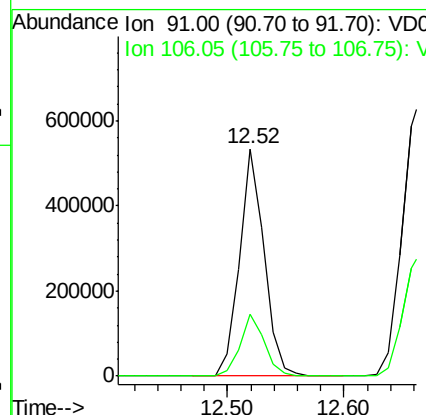
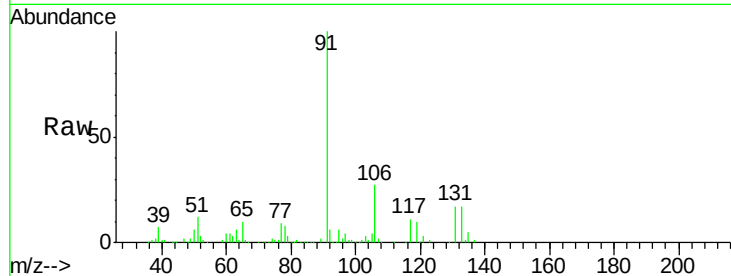




#67  
Ethyl Benzene  
Concen: 19.937 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

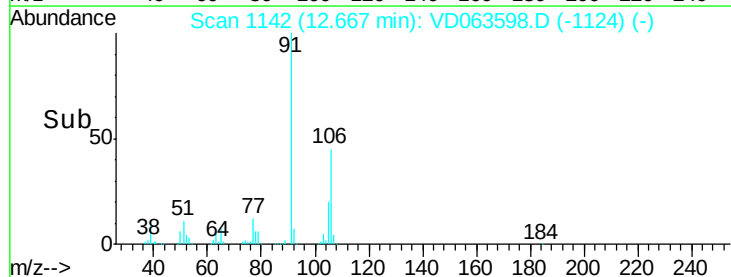
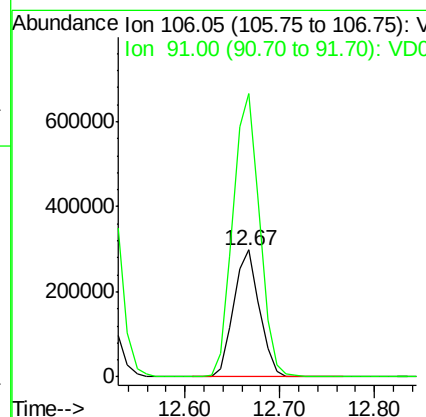
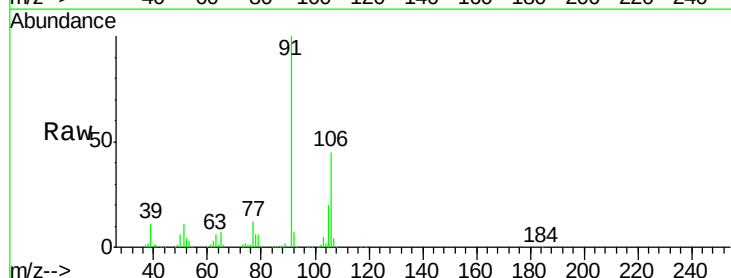
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

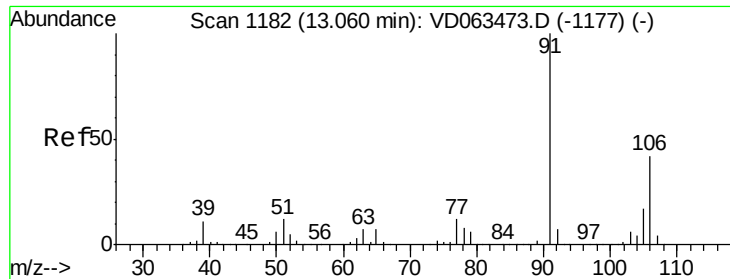
Tot Ion: 91 Resp: 784370  
Ion Ratio Lower Upper  
91 100  
106 27.4 23.1 34.7



#68  
m/p-Xylenes  
Concen: 40.694 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. -0.02 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion: 106 Resp: 562481  
Ion Ratio Lower Upper  
106 100  
91 223.5 171.8 257.8

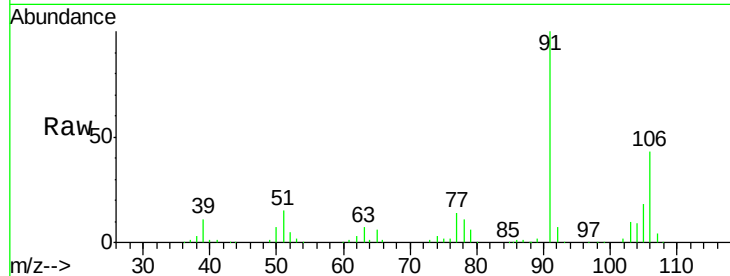




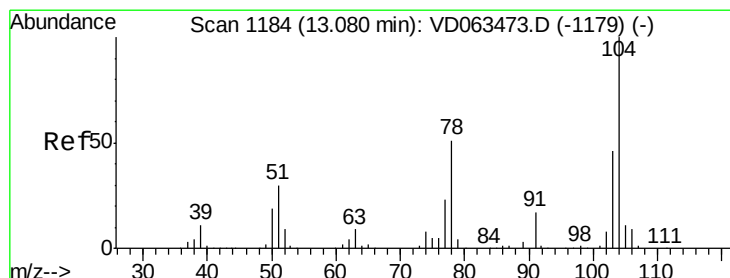
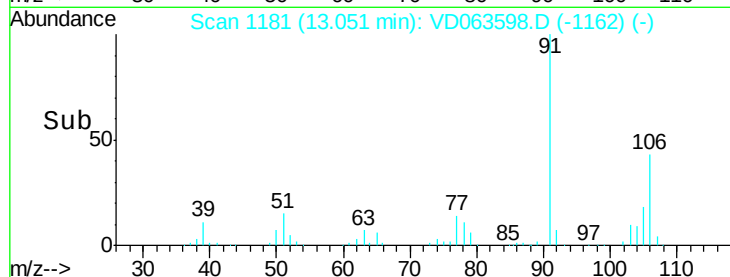
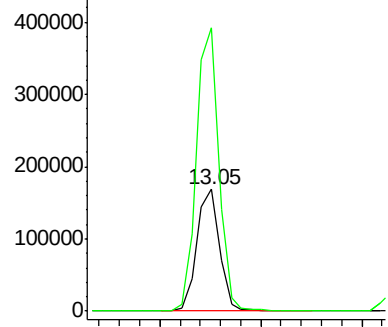
#69  
o-Xylene  
Concen: 19.975 ug/l  
RT: 13.05 min Scan# 1181  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion:106 Resp: 265742  
Ion Ratio Lower Upper  
106 100  
91 232.4 118.1 354.2

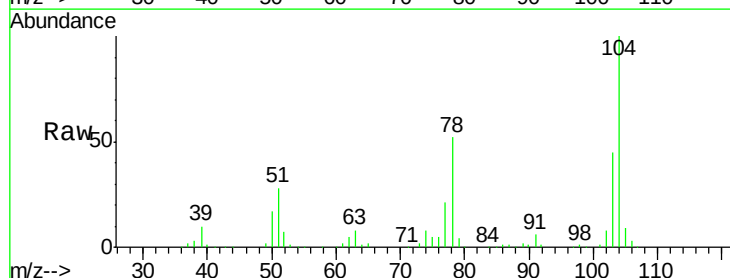


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

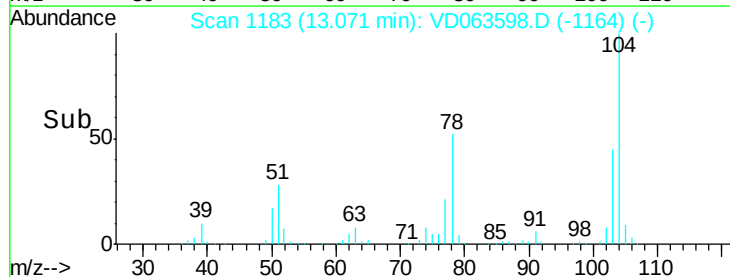
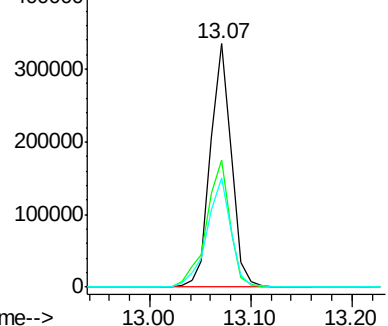


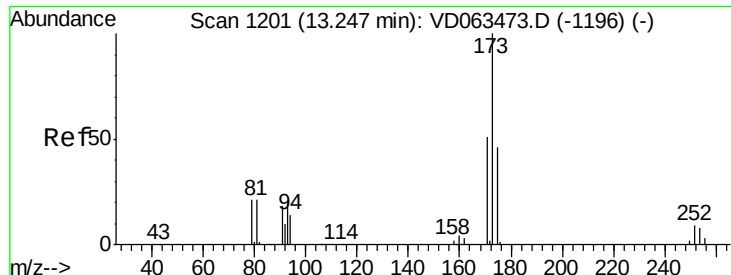
#70  
Styrene  
Concen: 20.292 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion:104 Resp: 480185  
Ion Ratio Lower Upper  
104 100  
78 52.1 40.8 61.2  
103 44.9 36.4 54.6



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





#71

Bromoform

Concen: 21.422 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

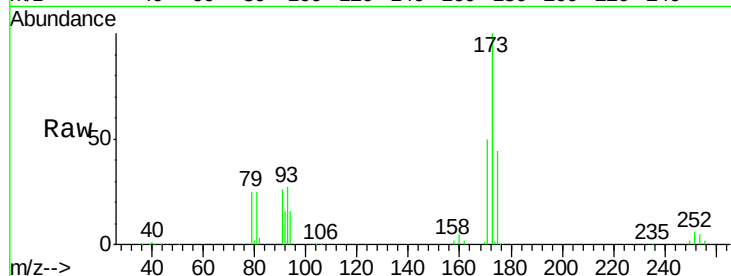
Tot Ion:173 Resp: 146273

Ion Ratio Lower Upper

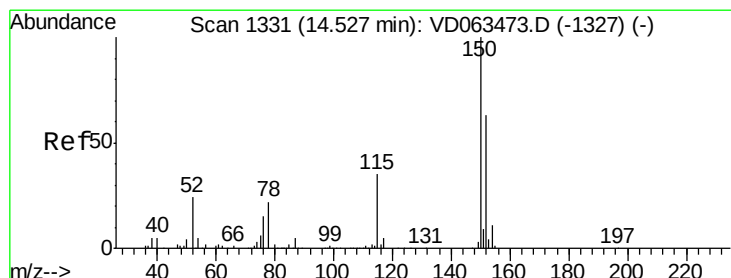
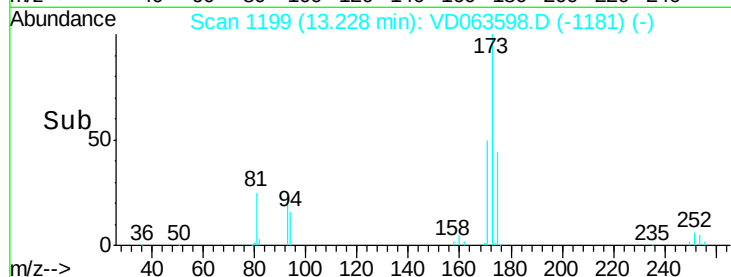
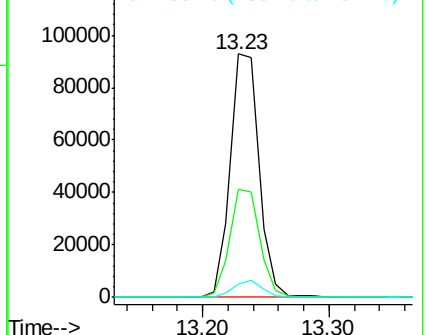
173 100

175 44.1 22.8 68.3

254 5.4 6.6 9.8#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

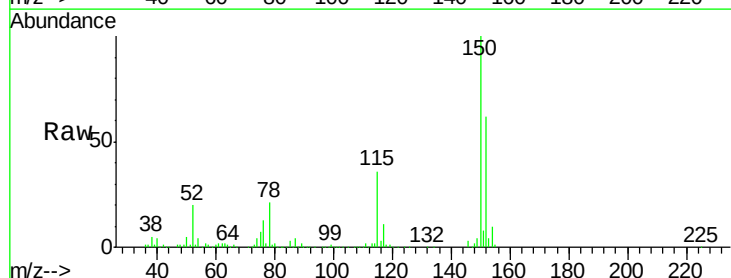
Tgt Ion:152 Resp: 638387

Ion Ratio Lower Upper

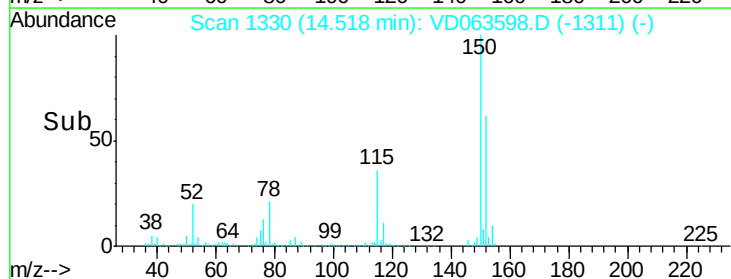
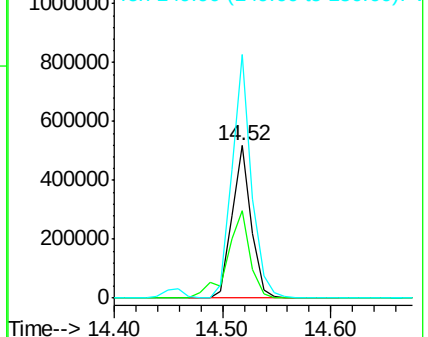
152 100

115 57.1 30.9 92.7

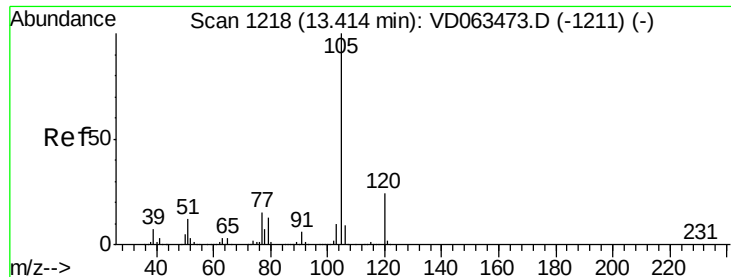
150 160.0 0.0 318.6



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: 18.831 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

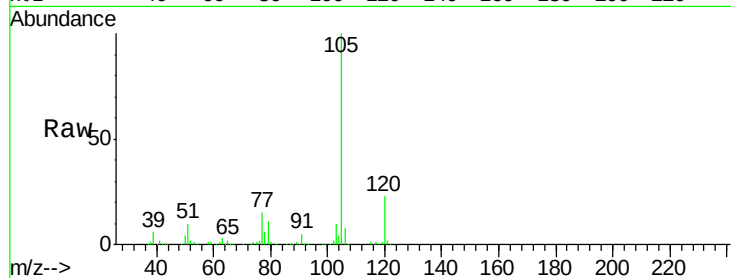
VD0814SBSD02

Tot Ion:105 Resp: 764639

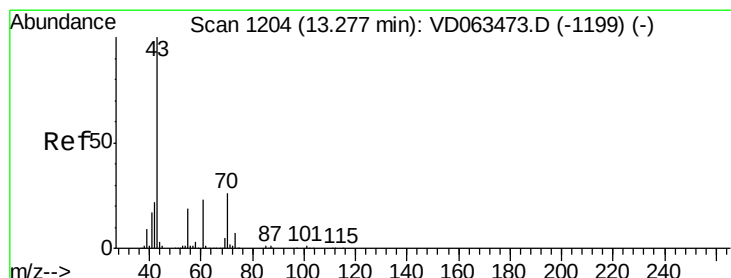
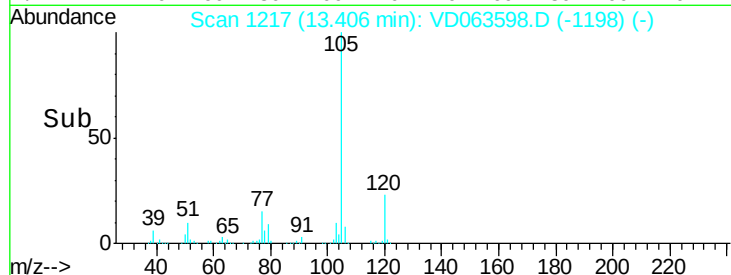
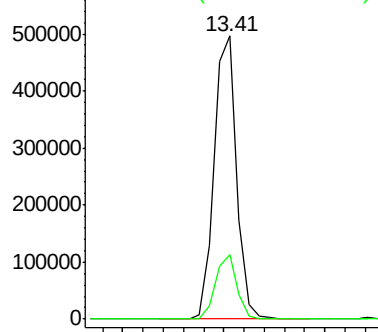
Ion Ratio Lower Upper

105 100

120 22.9 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V



#74

N-ethyl acetate

Concen: 21.403 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Tgt Ion: 43 Resp: 218160

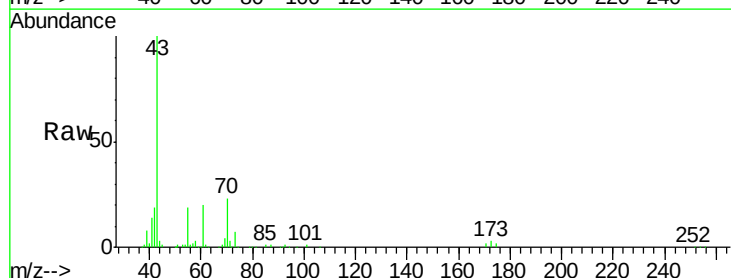
Ion Ratio Lower Upper

43 100

70 22.9 21.1 31.7

55 18.9 15.4 23.0

61 20.1 18.2 27.2

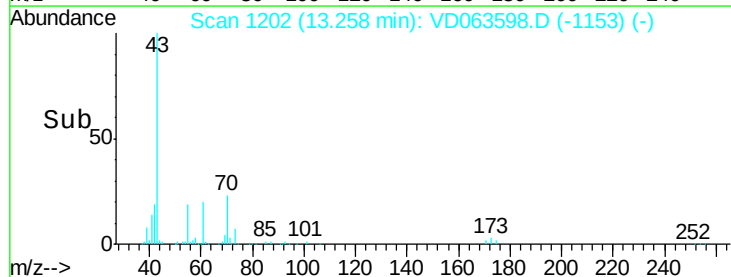
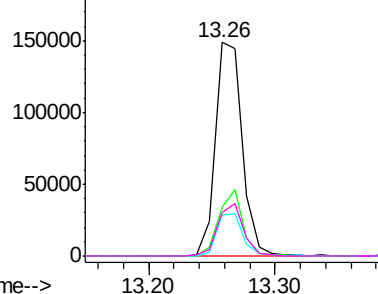


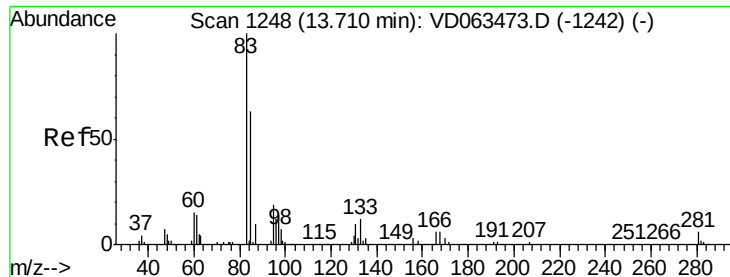
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#75

1,1,2,2-Tetrachloroethane

Concen: 22.954 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

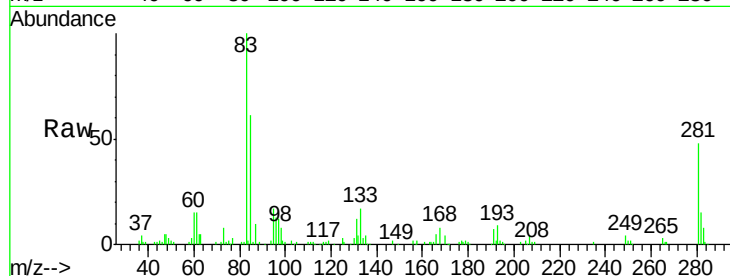
Tot Ion: 83 Resp: 154705

Ion Ratio Lower Upper

83 100

131 12.4 5.3 15.8

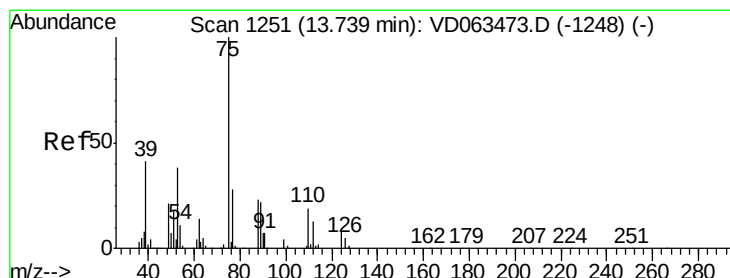
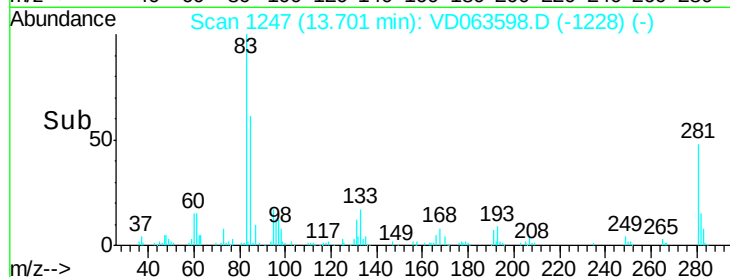
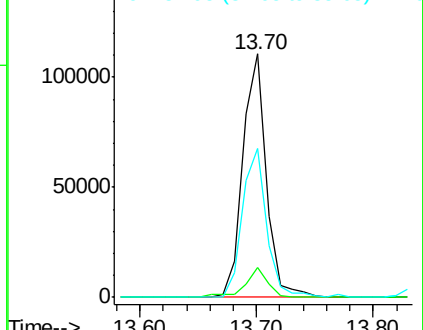
85 61.4 31.4 94.3



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.273 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD063598.D

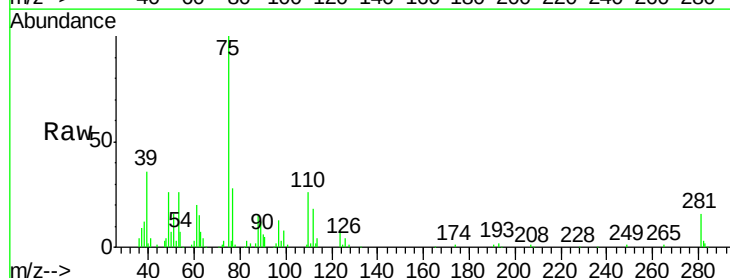
Acq: 15 Aug 2019 4:00

Tgt Ion: 75 Resp: 155857

Ion Ratio Lower Upper

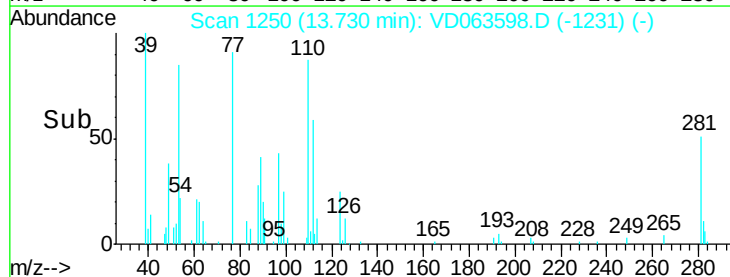
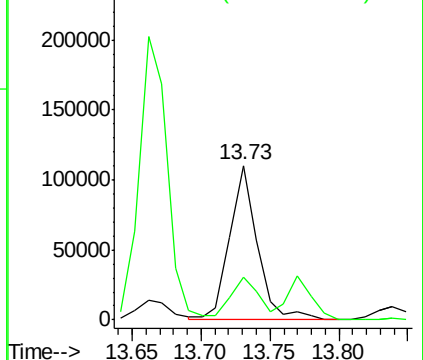
75 100

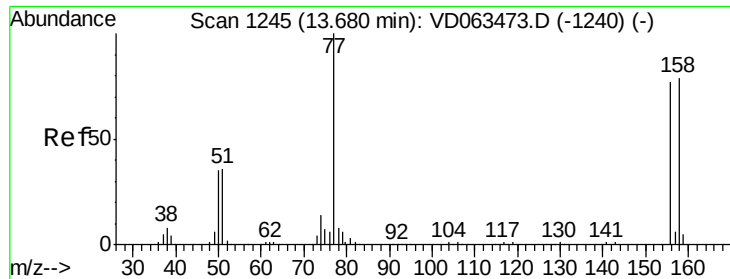
77 27.7 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 21.524 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

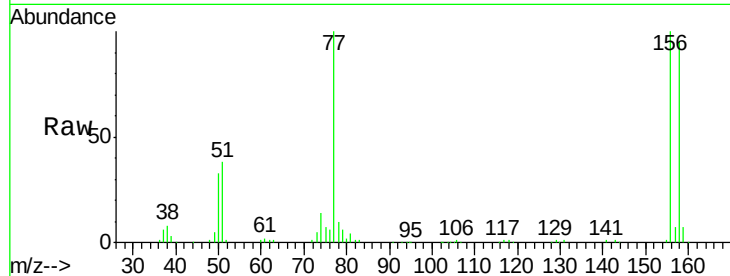
Tot Ion:156 Resp: 238859

Ion Ratio Lower Upper

156 100

77 100.4 64.6 193.8

158 95.3 50.9 152.7



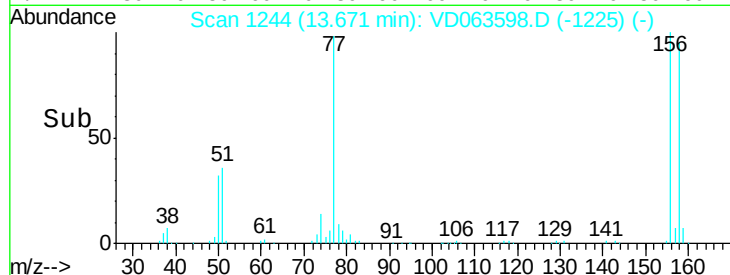
Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

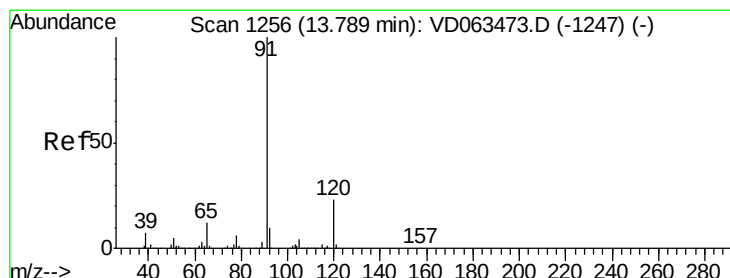
Ion 157.85 (157.55 to 158.55): V

13.67

Time-->



Time-->



#78

n-propylbenzene

Concen: 19.538 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063598.D

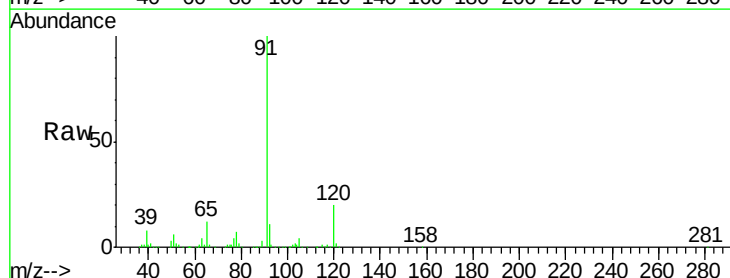
Acq: 15 Aug 2019 4:00

Tgt Ion: 91 Resp: 928236

Ion Ratio Lower Upper

91 100

120 20.3 11.3 33.9

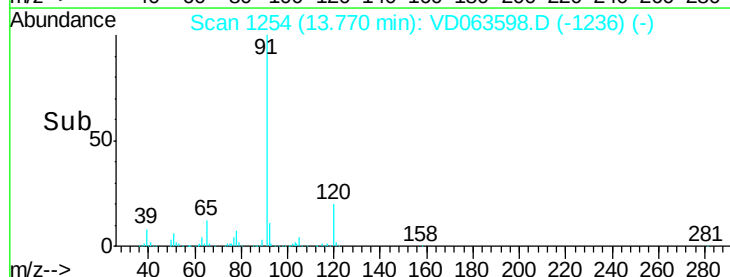


Abundance Ion 91.00 (90.70 to 91.70): V

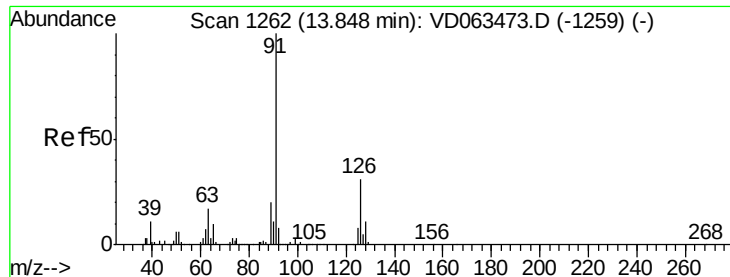
Ion 120.05 (119.75 to 120.75): V

13.77

Time-->



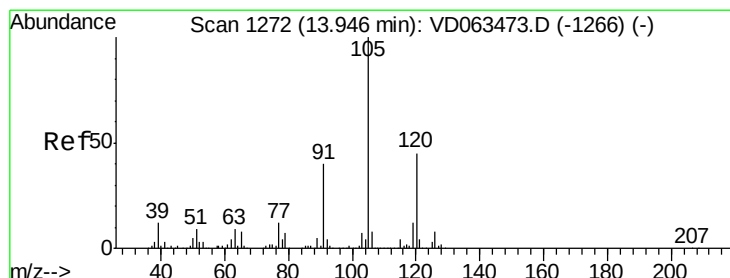
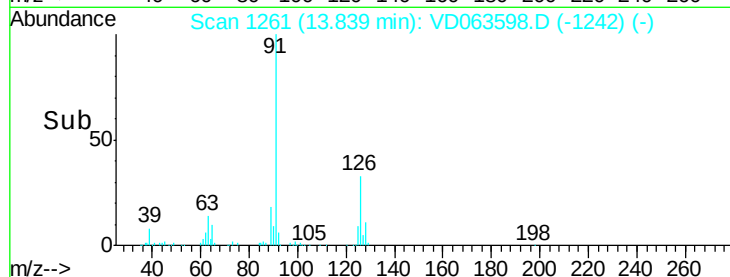
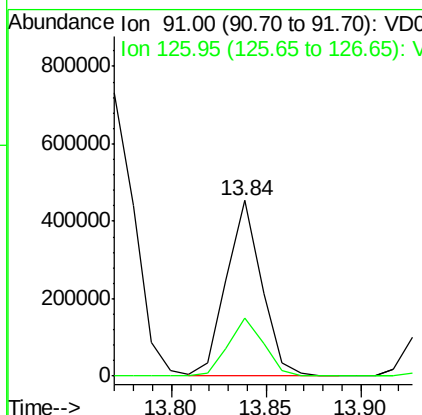
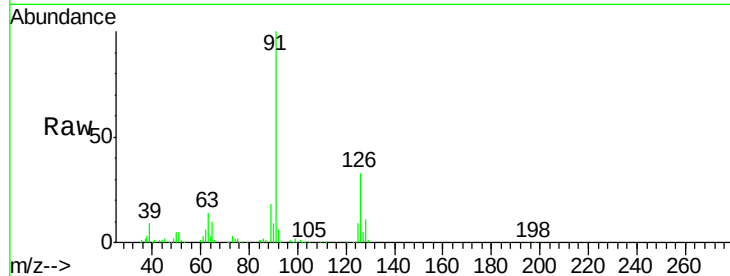
Time-->



#79  
 2-Chlorotoluene  
 Concen: 21.296 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

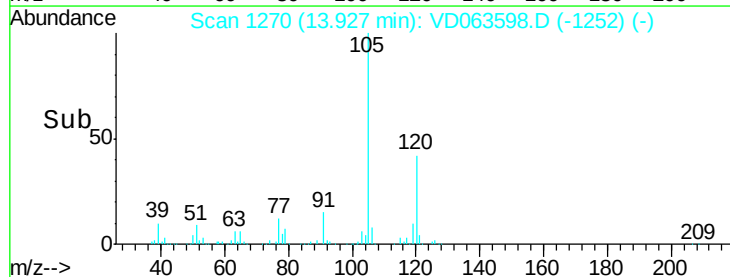
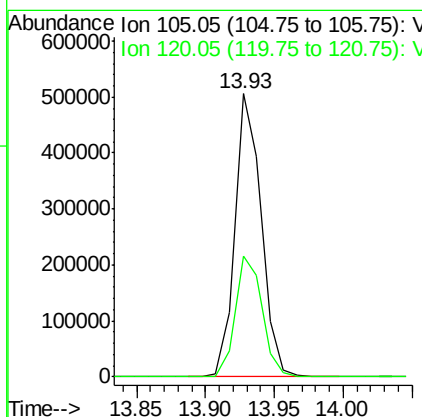
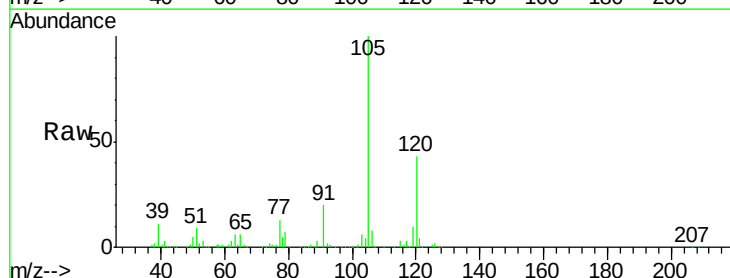
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

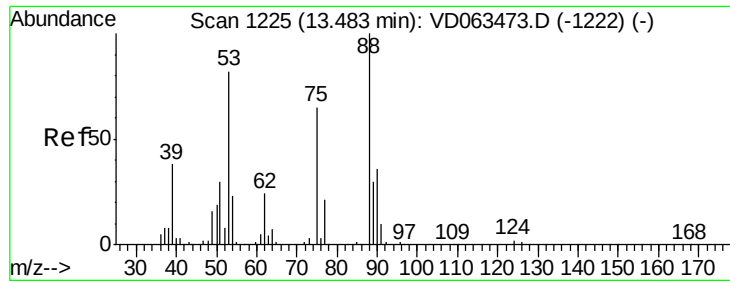
Tot Ion: 91 Resp: 583367  
 Ion Ratio Lower Upper  
 91 100  
 126 32.8 15.6 46.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 18.974 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 105 Resp: 673144  
 Ion Ratio Lower Upper  
 105 100  
 120 42.7 22.8 68.3

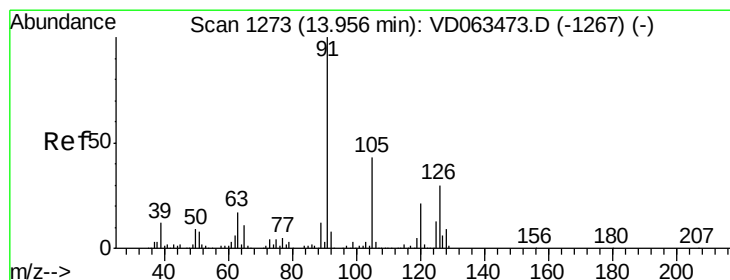
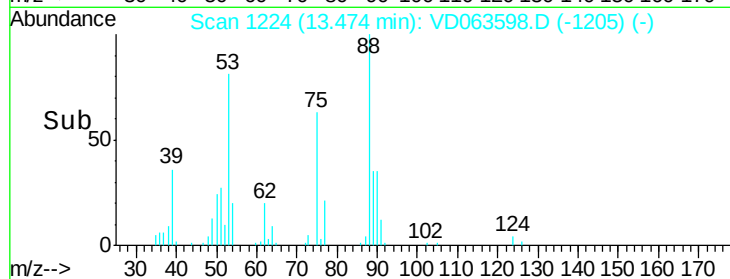
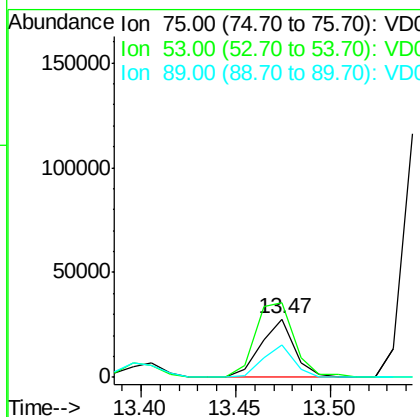
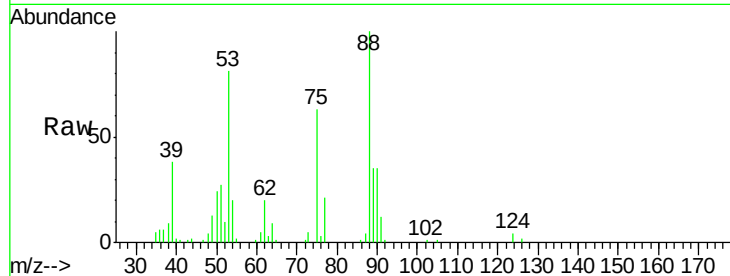




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 17.416 ug/l  
 RT: 13.47 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

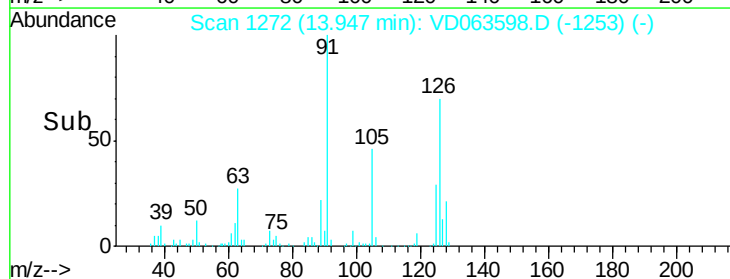
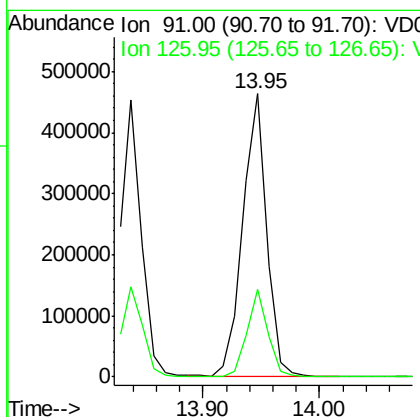
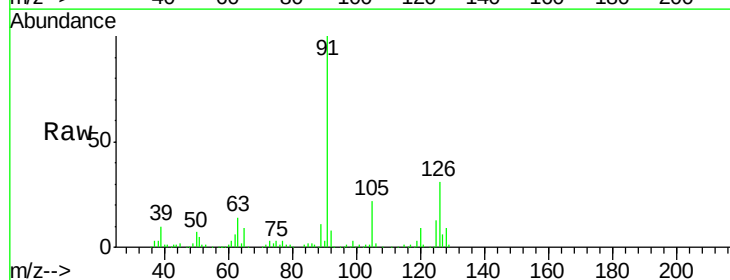
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

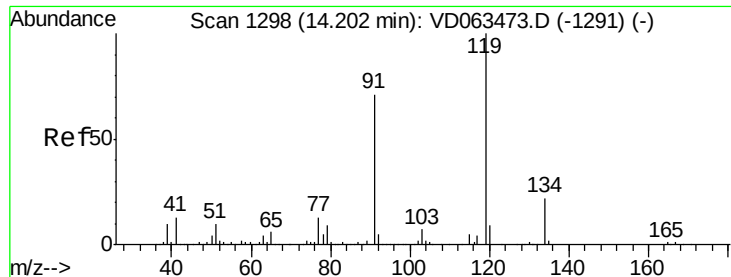
Tot Ion: 75 Resp: 34296  
 Ion Ratio Lower Upper  
 75 100  
 53 129.3 101.0 151.4  
 89 56.1 37.0 55.6#



#82  
 4-Chlorotoluene  
 Concen: 19.997 ug/l  
 RT: 13.95 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion: 91 Resp: 658696  
 Ion Ratio Lower Upper  
 91 100  
 126 31.1 15.2 45.6

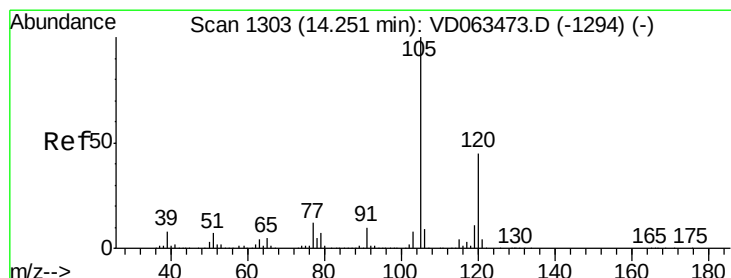
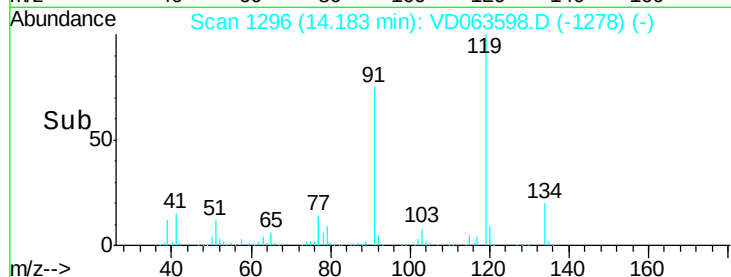
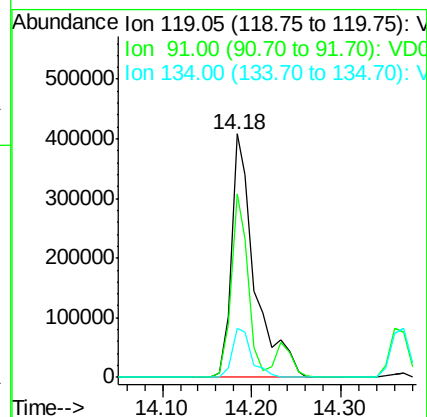
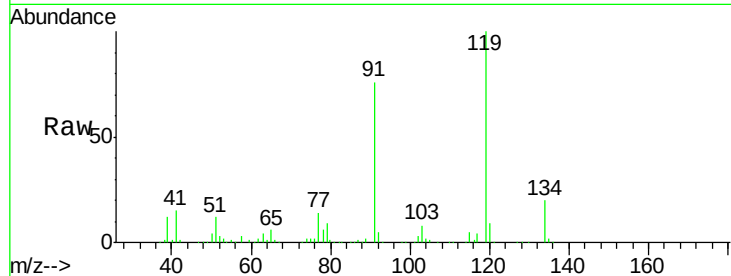




#83  
 tert-Butylbenzene  
 Concen: 20.174 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

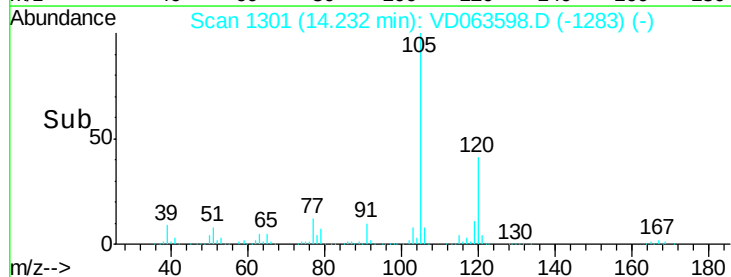
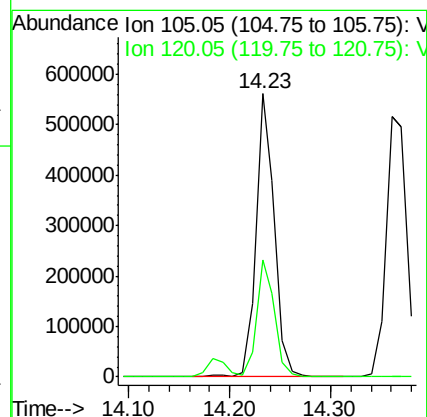
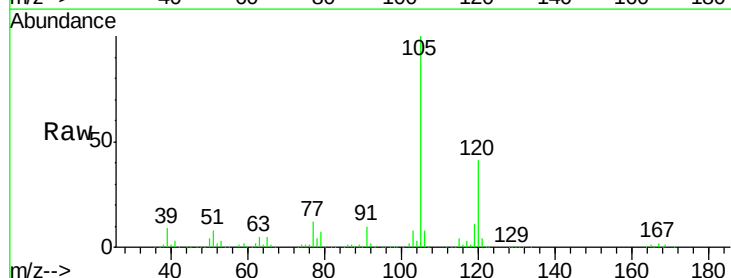
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

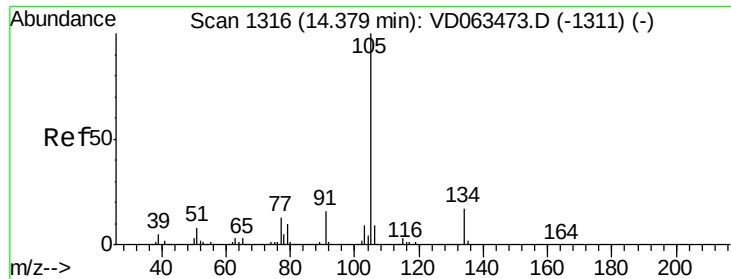
Tot Ion:119 Resp: 753681  
 Ion Ratio Lower Upper  
 119 100  
 91 75.6 35.5 106.7  
 134 20.3 11.1 33.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.656 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion:105 Resp: 710878  
 Ion Ratio Lower Upper  
 105 100  
 120 41.3 22.7 68.1





#85

sec-Butylbenzene

Concen: 18.958 ug/l

RT: 14.36 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

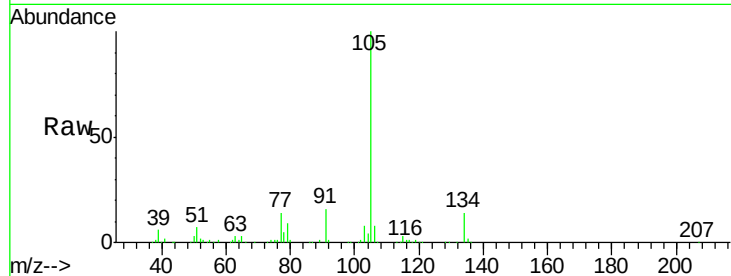
VD0814SBSD02

Tot Ion:105 Resp: 752155

Ion Ratio Lower Upper

105 100

134 14.1 8.3 24.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V

14.36

500000

400000

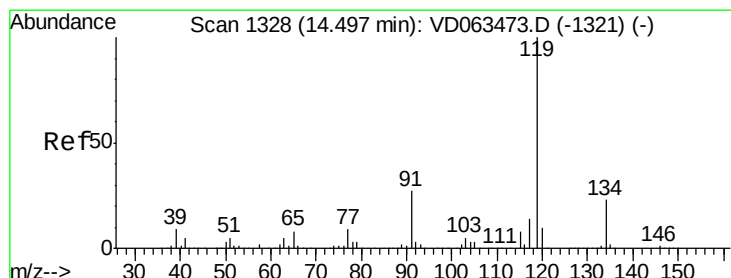
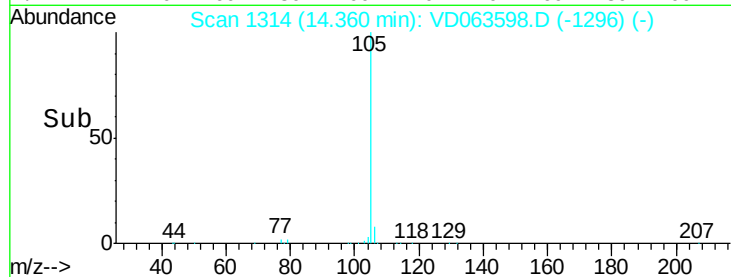
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.275 ug/l

RT: 14.49 min Scan# 1327

Delta R.T. -0.01 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

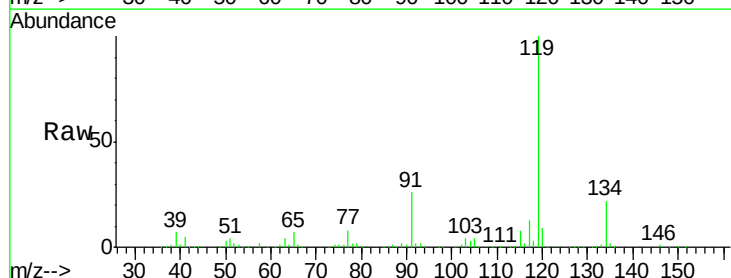
Tgt Ion:119 Resp: 769150

Ion Ratio Lower Upper

119 100

134 21.7 11.3 33.8

91 26.3 13.5 40.4



Abundance Ion 119.05 (118.75 to 119.75): V

Ion 134.10 (133.80 to 134.80): V

Ion 91.00 (90.70 to 91.70): V

14.49

800000

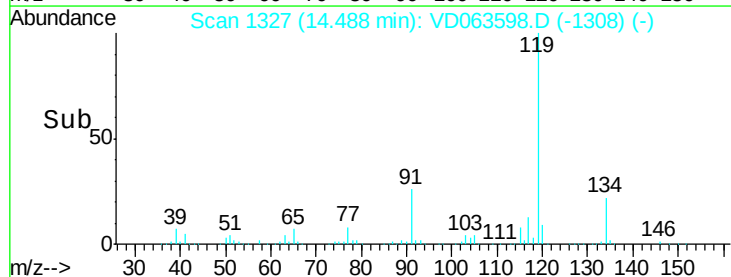
600000

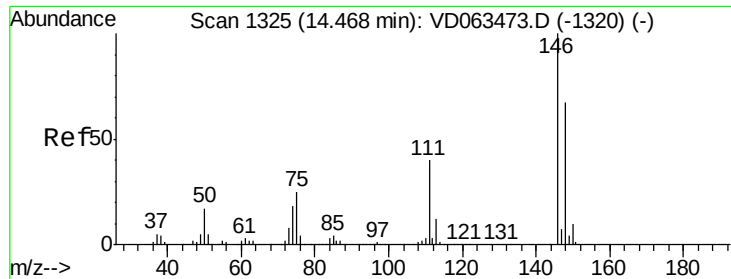
400000

200000

0

Time-->

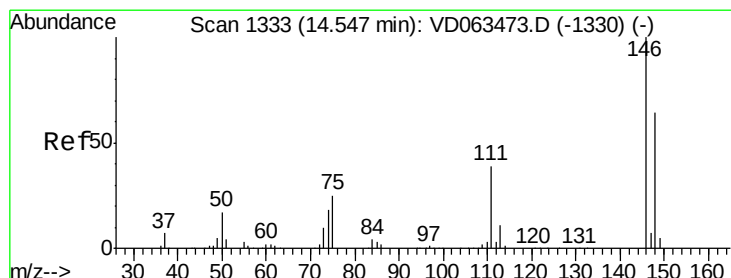
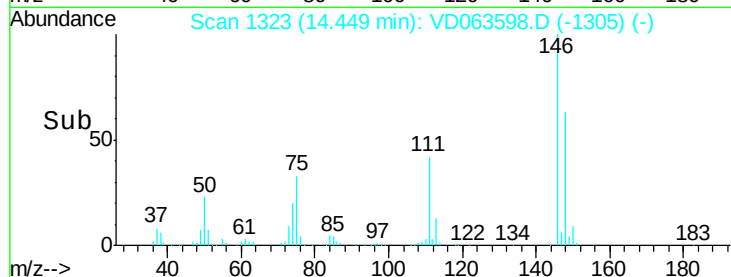
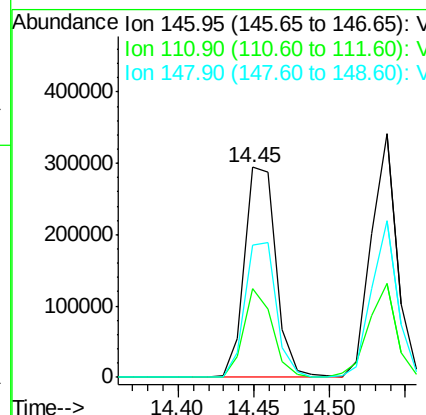
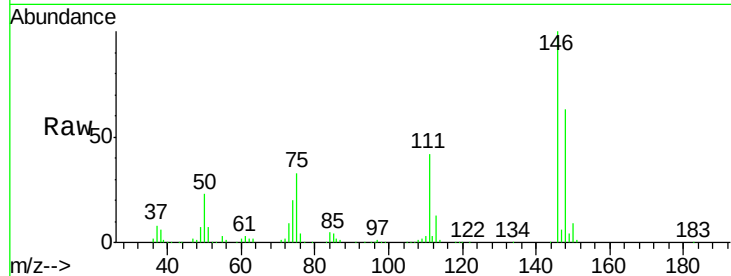




#87  
 1,3-Dichlorobenzene  
 Concen: 21.280 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

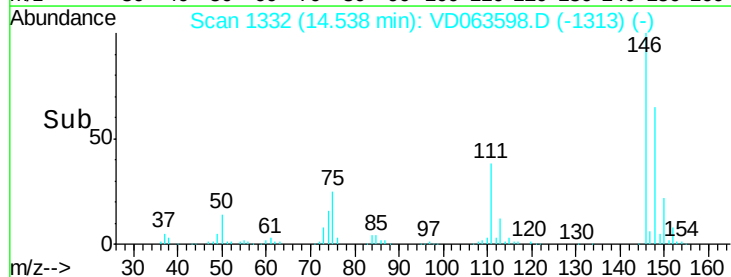
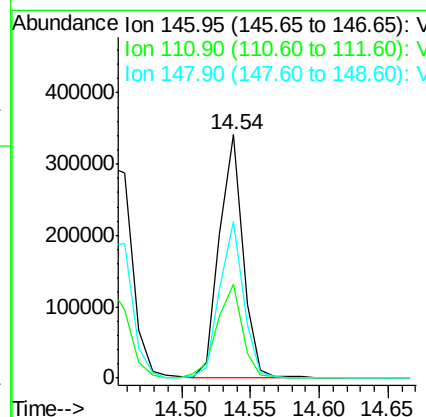
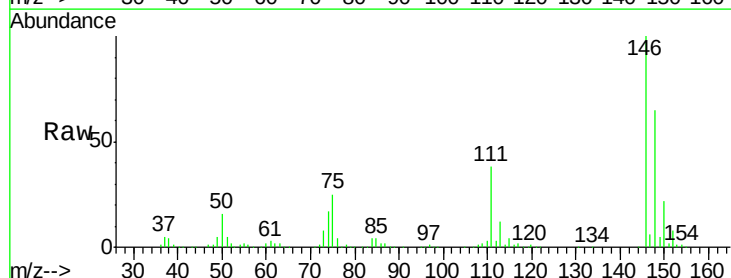
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.3  | 20.0  | 60.0  |
| 148     | 62.8  | 33.6  | 100.6 |

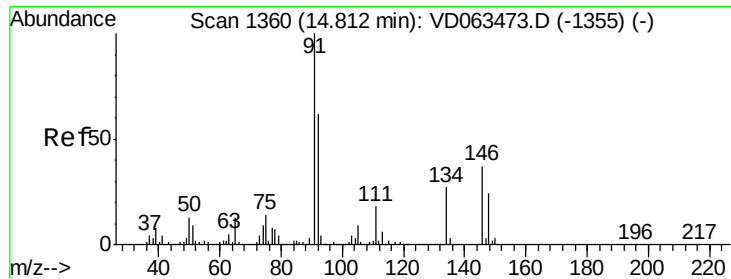


#88  
 1,4-Dichlorobenzene  
 Concen: 21.049 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.7  | 59.0  |
| 148     | 64.5  | 32.1  | 96.3  |







#89

n-Butylbenzene

Concen: 19.755 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

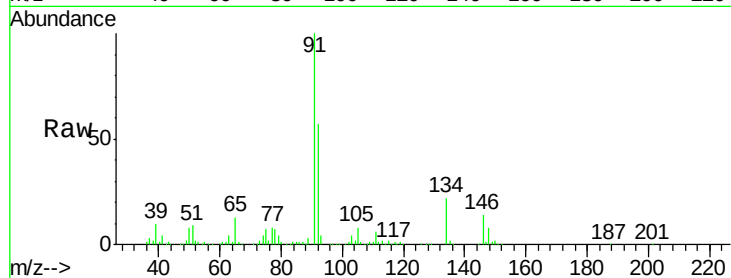
Tot Ion: 91 Resp: 683988

Ion Ratio Lower Upper

91 100

92 57.4 30.8 92.3

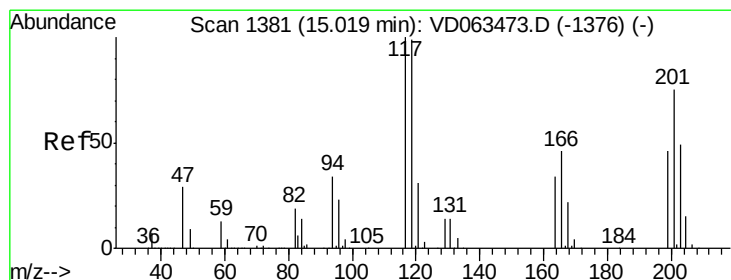
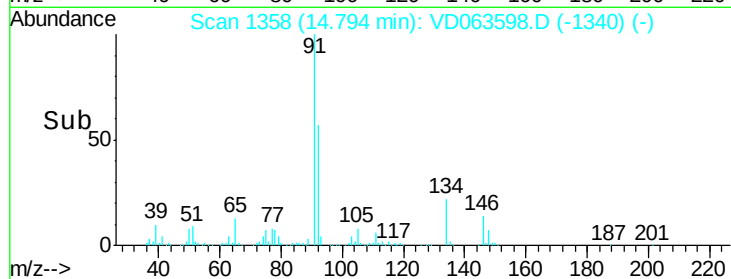
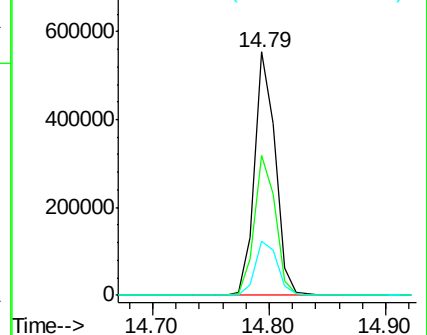
134 22.4 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 92.00 (91.70 to 92.70): VDC

Ion 134.10 (133.80 to 134.80): VDC



#90

Hexachloroethane

Concen: 20.774 ug/l

RT: 15.01 min Scan# 1380

Delta R.T. -0.01 min

Lab File: VD063598.D

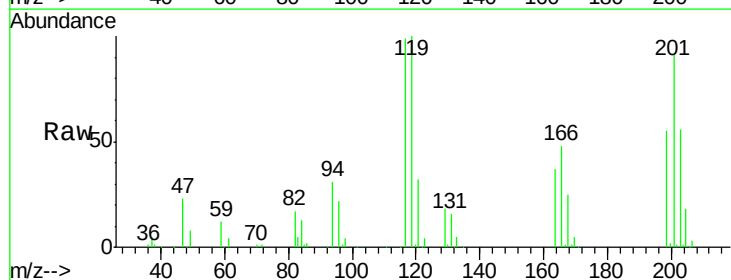
Acq: 15 Aug 2019 4:00

Tgt Ion: 117 Resp: 198081

Ion Ratio Lower Upper

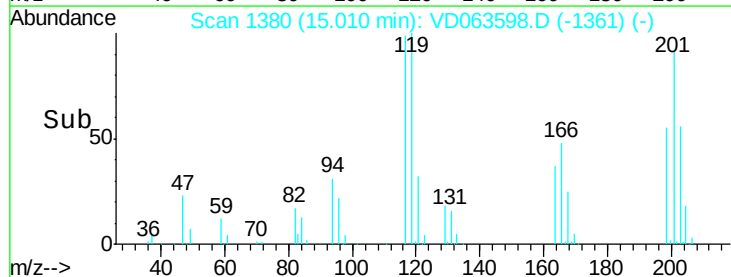
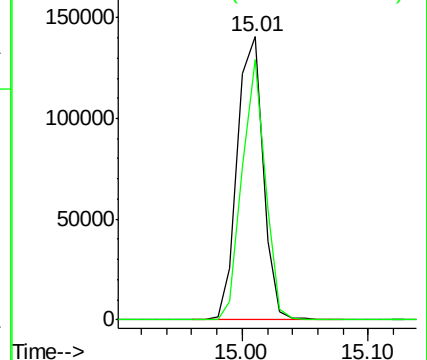
117 100

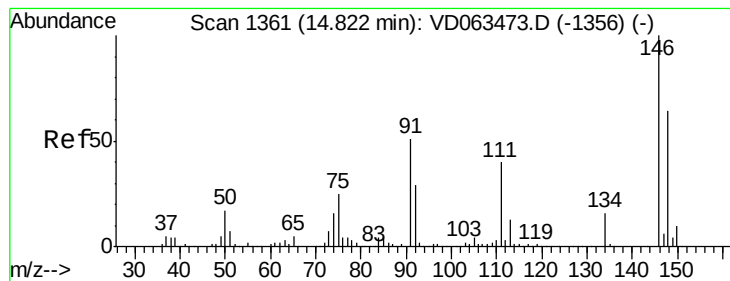
201 92.1 37.5 112.5



Abundance Ion 116.85 (116.55 to 117.55): VDC

Ion 200.75 (200.45 to 201.45): VDC





#91

1,2-Dichlorobenzene

Concen: 23.245 ug/l

RT: 14.80 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

Instrument :

MSVOA\_D

ClientSampleId :

VD0814SBSD02

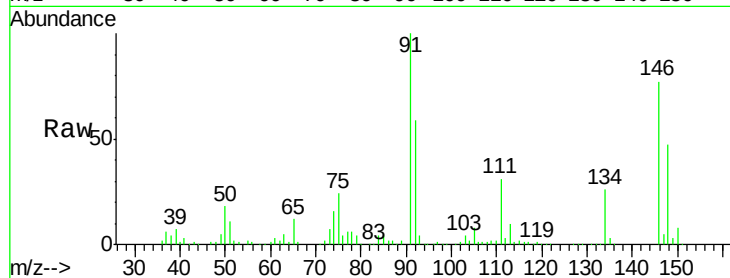
Tot Ion:146 Resp: 395881

Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.6

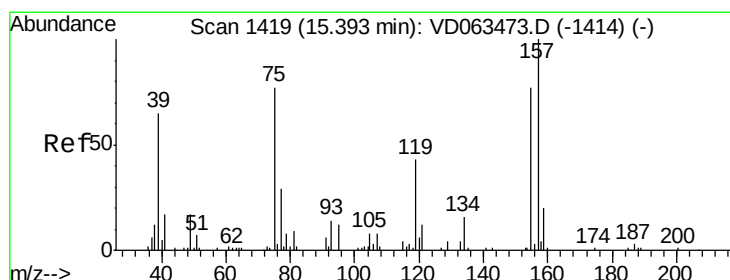
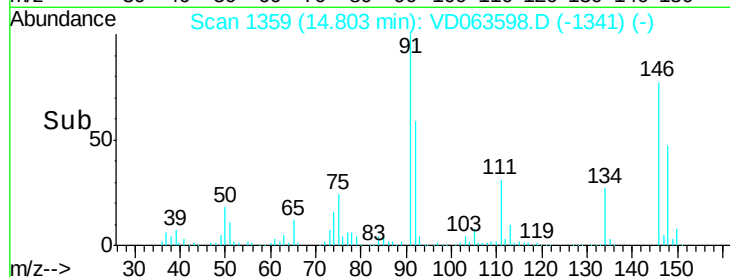
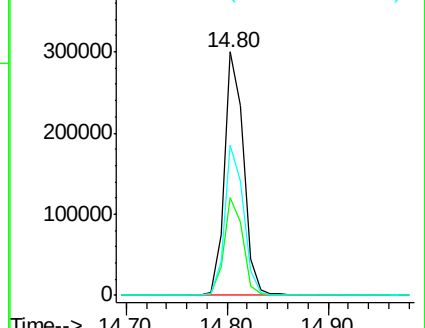
148 61.6 32.1 96.5



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.981 ug/l

RT: 15.37 min Scan# 1417

Delta R.T. -0.02 min

Lab File: VD063598.D

Acq: 15 Aug 2019 4:00

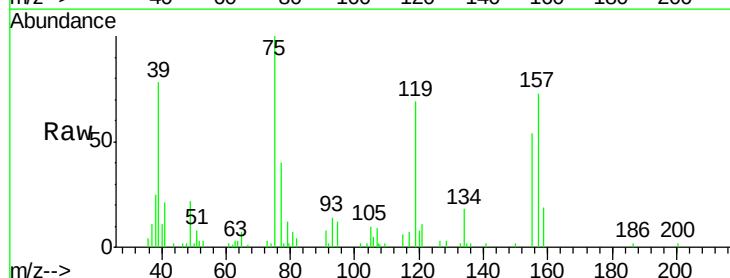
Tgt Ion: 75 Resp: 29164

Ion Ratio Lower Upper

75 100

155 53.7 50.1 150.3

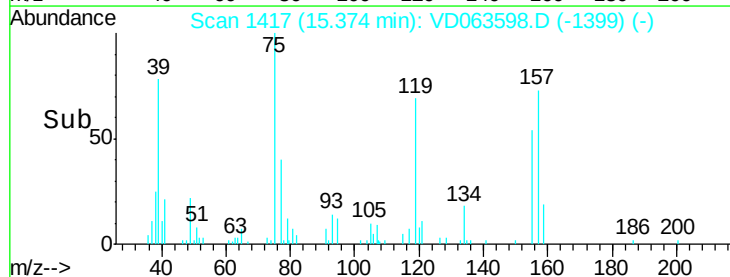
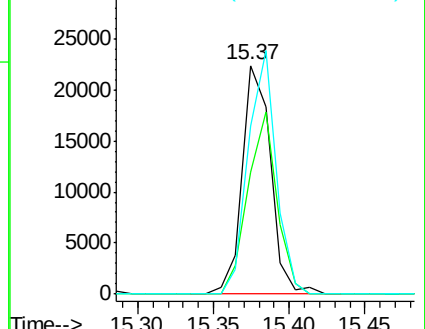
157 73.3 65.0 195.1

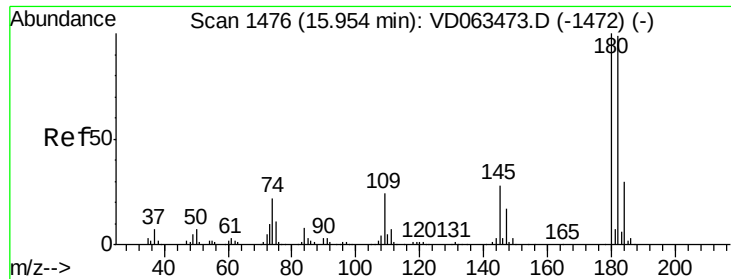


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

Ion 156.85 (156.55 to 157.55): V

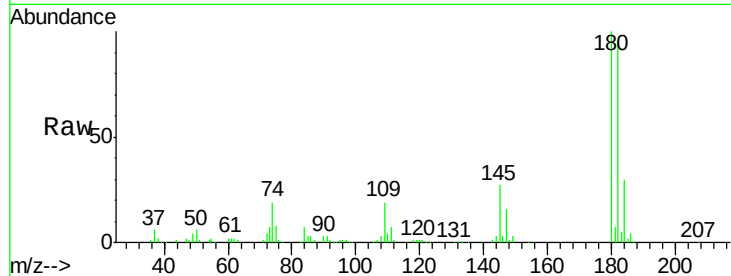




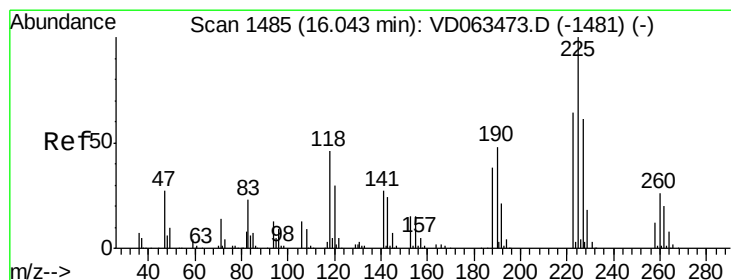
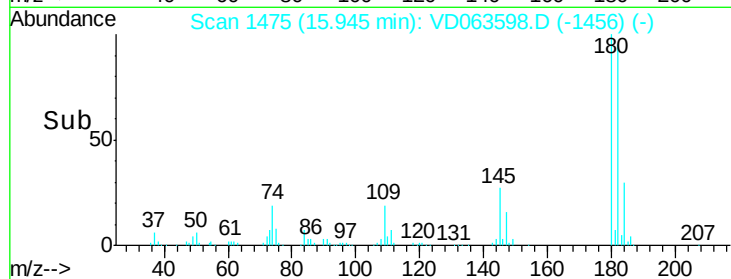
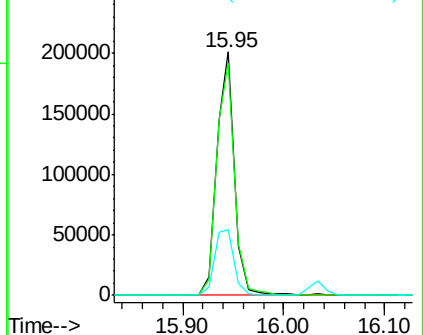
#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.592 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0814SBSD02

Tot Ion:180 Resp: 245514  
 Ion Ratio Lower Upper  
 180 100  
 182 95.5 49.7 149.1  
 145 26.7 14.1 42.2

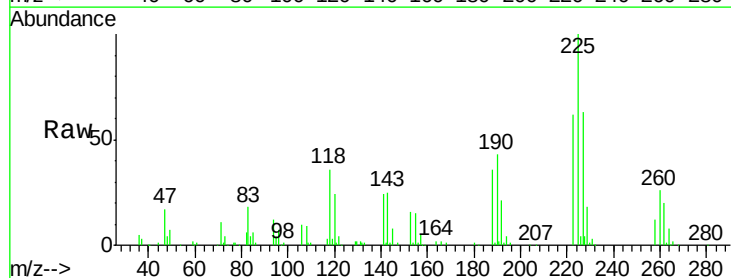


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

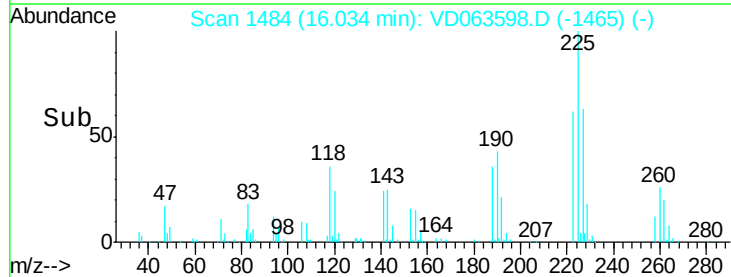
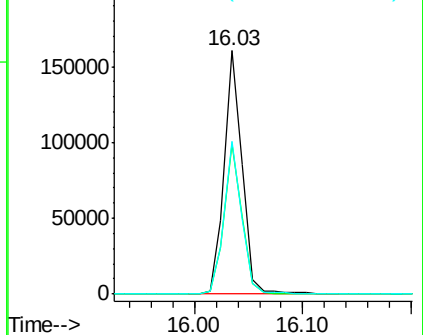


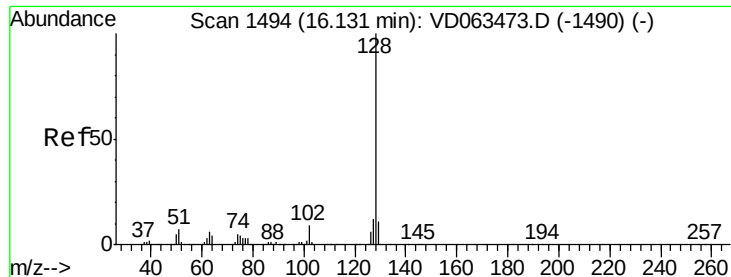
#94  
 Hexachlorobutadiene  
 Concen: 19.443 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: VD063598.D  
 Acq: 15 Aug 2019 4:00

Tgt Ion:225 Resp: 185698  
 Ion Ratio Lower Upper  
 225 100  
 223 61.5 31.9 95.5  
 227 62.7 30.7 92.1



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

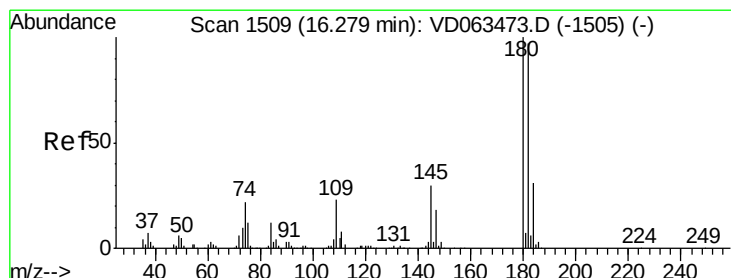
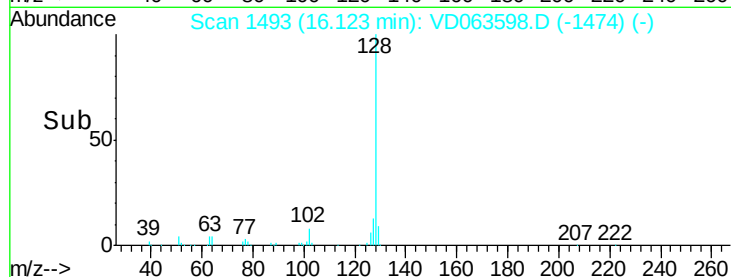
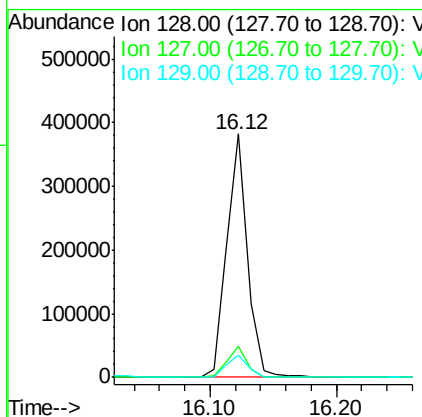
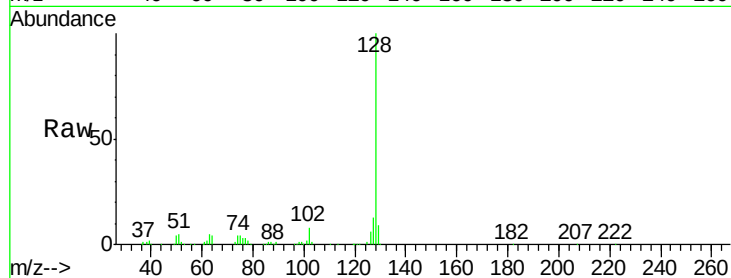




#95  
Naphthalene  
Concen: 22.641 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0814SBSD02

Tot Ion:128 Resp: 429994  
Ion Ratio Lower Upper  
128 100  
127 12.9 9.4 14.0  
129 9.2 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 21.270 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: VD063598.D  
Acq: 15 Aug 2019 4:00

Tgt Ion:180 Resp: 215283  
Ion Ratio Lower Upper  
180 100  
182 99.8 48.4 145.2  
145 30.8 14.9 44.9

