

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100719\  
 Data File : VD063899.D  
 Acq On : 07 Oct 2019 15:12  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.00mL/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 08 17:27:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 05 03:51:17 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.98  | 168  | 213527   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 335114   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 331988   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 180770   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.33  | 65   | 101846   | 48.99 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.98%  |          |
| 35) Dibromofluoromethane    | 7.91  | 113  | 104287   | 50.92 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.84% |          |
| 50) Toluene-d8              | 10.34 | 98   | 428633   | 51.57 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.14% |          |
| 62) 4-Bromofluorobenzene    | 12.63 | 95   | 141853   | 49.11 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.22%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.99 | 85   | 71559    | 47.256  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50   | 227093   | 56.049  | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.35 | 62   | 256425   | 52.394  | ug/l   | 98     |
| 5) Bromomethane               | 2.77 | 94   | 148037   | 47.049  | ug/l   | 91     |
| 6) Chloroethane               | 2.92 | 64   | 163043   | 50.373  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 3.27 | 101  | 338339   | 52.287  | ug/l   | 100    |
| 8) Diethyl Ether              | 3.70 | 74   | 53556    | 51.565  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.09 | 101  | 93642    | 52.279  | ug/l   | 99     |
| 10) Methyl Iodide             | 4.29 | 142  | 129742   | 52.567  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 5.23 | 59   | 39139    | 271.701 | ug/l   | 95     |
| 12) 1,1-Dichloroethene        | 4.06 | 96   | 94169    | 52.622  | ug/l   | 92     |
| 13) Acrolein                  | 3.91 | 56   | 52466    | 282.577 | ug/l   | 97     |
| 14) Allyl chloride            | 4.70 | 41   | 151558   | 50.940  | ug/l   | 98     |
| 15) Acrylonitrile             | 5.42 | 53   | 122770   | 268.109 | ug/l   | 99     |
| 16) Acetone                   | 4.16 | 43   | 145511   | 268.849 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.40 | 76   | 324642   | 49.906  | ug/l # | 93     |
| 18) Methyl Acetate            | 4.72 | 43   | 54778    | 51.746  | ug/l   | 96     |
| 19) Methyl tert-butyl Ether   | 5.47 | 73   | 247441   | 53.397  | ug/l   | 98     |
| 20) Methylene Chloride        | 4.96 | 84   | 137293   | 57.628  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 5.46 | 96   | 117634   | 52.804  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.37 | 45   | 323064   | 53.168  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.31 | 43   | 981039   | 271.400 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.26 | 63   | 199819   | 53.388  | ug/l   | 95     |
| 25) 2-Butanone                | 7.22 | 43   | 175321   | 273.331 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 7.20 | 77   | 181916   | 53.731  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.21 | 96   | 134765   | 53.446  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.54 | 49   | 69840    | 49.115  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 7.57 | 42   | 95266    | 254.458 | ug/l   | 99     |
| 30) Chloroform                | 7.71 | 83   | 209148   | 51.450  | ug/l   | 95     |
| 31) Cyclohexane               | 7.98 | 56   | 176144   | 57.523  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.90 | 97   | 191449   | 54.902  | ug/l   | 98     |
| 36) 1,1-Dichloropropene       | 8.11 | 75   | 165144   | 53.898  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.30 | 43   | 67338    | 55.224  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.09 | 117  | 171208   | 55.294  | ug/l   | 96     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100719\  
 Data File : VD063899.D  
 Acq On : 07 Oct 2019 15:12  
 Operator : VA/SY  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.00mL/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Oct 08 17:27:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Oct 05 03:51:17 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.35  | 83   | 207136   | 54.981   | ug/l   | 93       |
| 40) Benzene                    | 8.35  | 78   | 476840   | 54.306   | ug/l   | 97       |
| 41) Methacrylonitrile          | 7.53  | 41   | 33738    | 47.493   | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 8.43  | 62   | 137468   | 54.123   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.46  | 43   | 133173   | 51.826   | ug/l   | 100      |
| 44) Trichloroethene            | 9.11  | 130  | 137373   | 54.255   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 116318   | 54.122   | ug/l   | 96       |
| 46) Dibromomethane             | 9.48  | 93   | 66295    | 54.163   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.66  | 83   | 171836   | 54.528   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.46  | 41   | 58136    | 47.220   | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 17505    | 1047.742 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.23 | 43   | 352483   | 264.497  | ug/l   | 99       |
| 52) Toluene                    | 10.40 | 92   | 330017   | 54.750   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.62 | 75   | 169618   | 55.158   | ug/l   | 95       |
| 54) cis-1,3-Dichloropropene    | 10.09 | 75   | 193153   | 54.567   | ug/l   | 93       |
| 55) 1,1,2-Trichloroethane      | 10.80 | 97   | 96431    | 55.798   | ug/l   | 90       |
| 56) Ethyl methacrylate         | 10.66 | 69   | 120048   | 54.853   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 159665   | 53.997   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.94  | 63   | 205571   | 218.526  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 262641   | 272.448  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.14 | 129  | 123149   | 54.734   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 92146    | 54.998   | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.87 | 164  | 121447   | 53.586   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.67 | 112  | 370049   | 55.503   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 132680   | 54.007   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 662072   | 55.071   | ug/l   | 94       |
| 68) m/p-Xylenes                | 11.86 | 106  | 521383   | 112.359  | ug/l   | 98       |
| 69) o-Xylene                   | 12.18 | 106  | 244792   | 55.092   | ug/l   | 96       |
| 70) Styrene                    | 12.19 | 104  | 418665   | 55.659   | ug/l   | 99       |
| 71) Bromoform                  | 12.36 | 173  | 76398    | 57.945   | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.48 | 105  | 657128   | 54.075   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.29 | 43   | 135042   | 51.614   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.73 | 83   | 110192   | 52.109   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.78 | 75   | 144173   | 119.078  | ug/l # | 100      |
| 77) Bromobenzene               | 12.76 | 156  | 164124   | 54.208   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.82 | 91   | 782171   | 54.835   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.91 | 91   | 419387   | 53.322   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.96 | 105  | 559059   | 55.143   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.53 | 75   | 36265    | 53.004   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 443572   | 53.164   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.22 | 119  | 502256   | 55.665   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.27 | 105  | 573240   | 54.846   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.40 | 105  | 677419   | 55.594   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 656059   | 56.898   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 330880   | 55.310   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 322791   | 54.694   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.84 | 91   | 608307   | 56.677   | ug/l   | 97       |
| 90) Hexachloroethane           | 14.11 | 117  | 117350   | 56.587   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 286052   | 55.485   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.50 | 75   | 18902    | 57.920   | ug/l   | 86       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100719\  
Data File : VD063899.D  
Acq On : 07 Oct 2019 15:12  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00g/5.00mL/MSVOA D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Oct 08 17:27:25 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 05 03:51:17 2019  
Response via : Initial Calibration

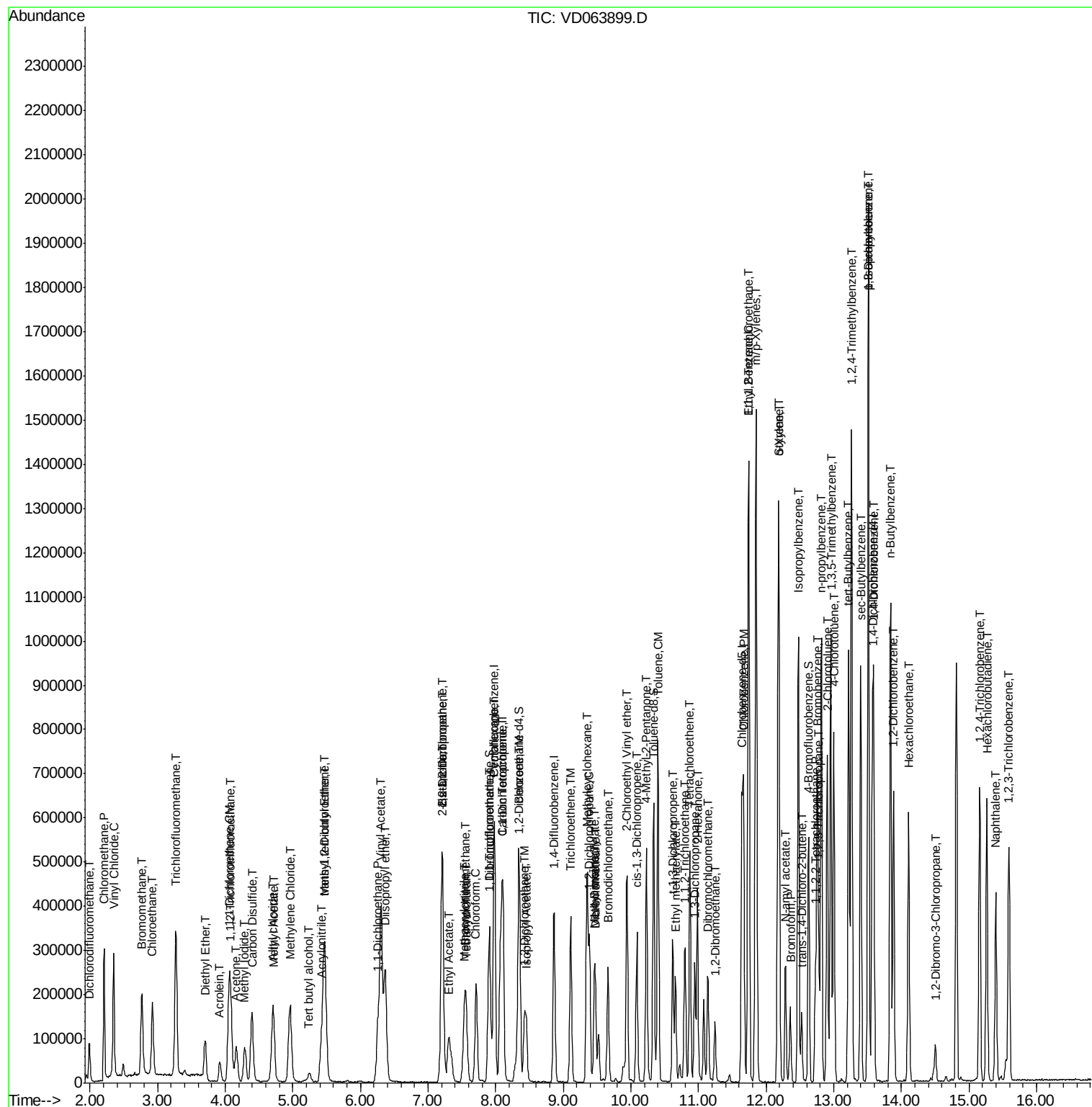
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.16 | 180  | 216887   | 54.522 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.27 | 225  | 123062   | 56.060 | ug/l  | 98       |
| 95) Naphthalene            | 15.40 | 128  | 379341   | 56.736 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.59 | 180  | 196173   | 57.157 | ug/l  | 97       |

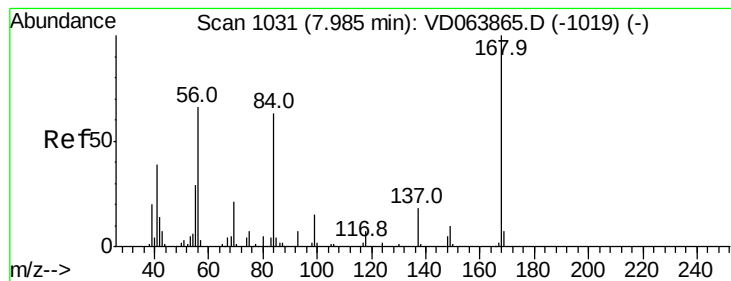
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD100719\  
Data File : VD063899.D  
Acq On : 07 Oct 2019 15:12  
Operator : VA/SY  
Sample : VSTDCCC050  
Misc : 5.00µ/5.00mL/MSVOA D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampled :

Quant Time: Oct 08 17:27:25 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D100219S.M  
Quant Title : SW846 8260  
QLast Update : Sat Oct 05 03:51:17 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

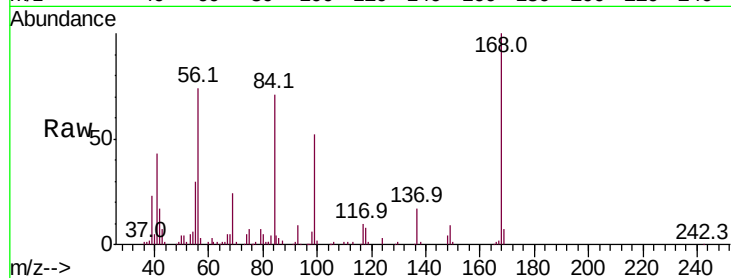
ClientSampleId :

Tot Ion:168 Resp: 213527

Ion Ratio Lower Upper

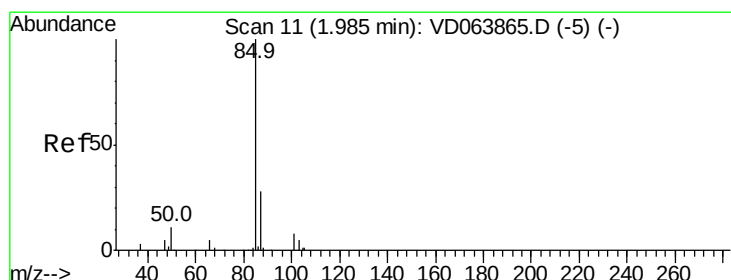
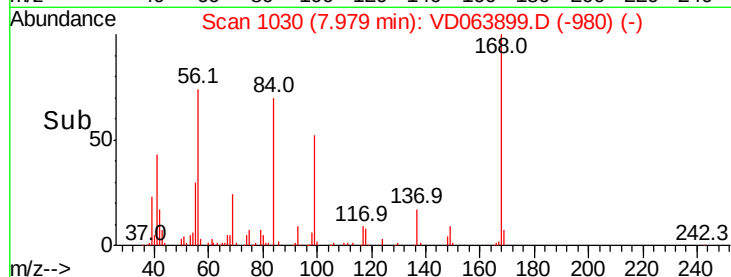
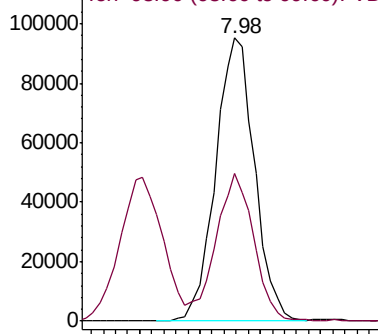
168 100

99 51.9 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 47.256 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD063899.D

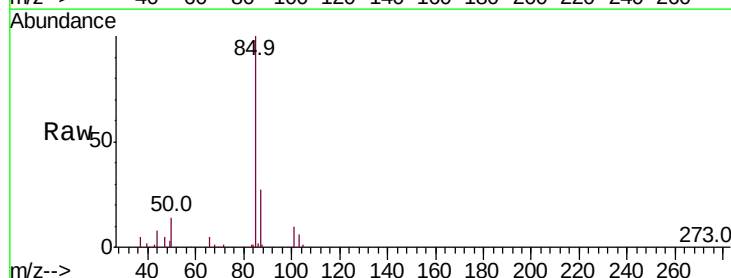
Acq: 07 Oct 2019 15:12

Tgt Ion: 85 Resp: 71559

Ion Ratio Lower Upper

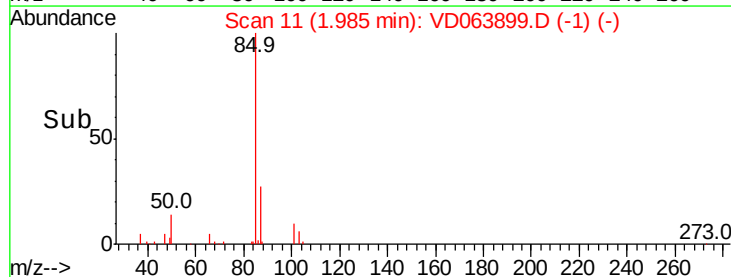
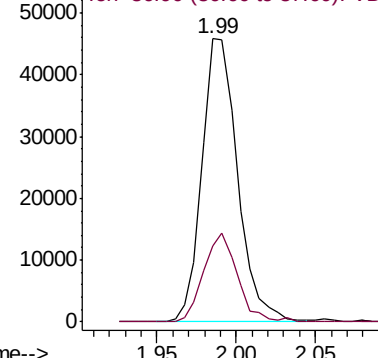
85 100

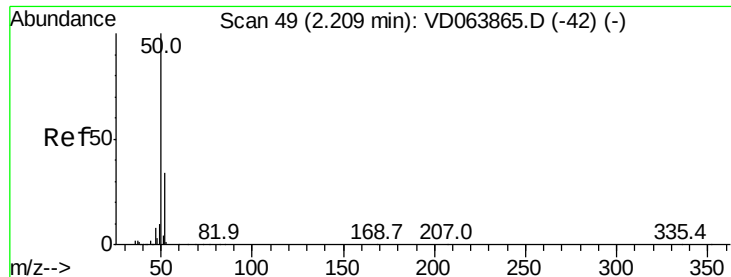
87 27.0 14.0 42.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 56.049 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

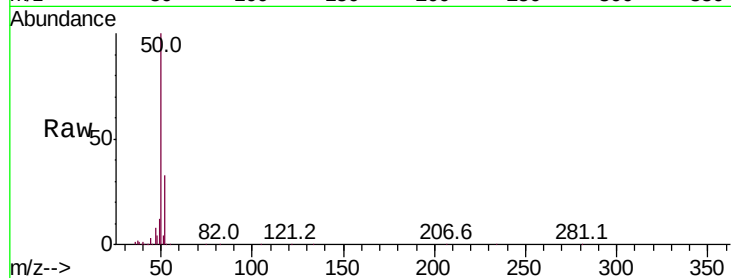
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 50 Resp: 227093

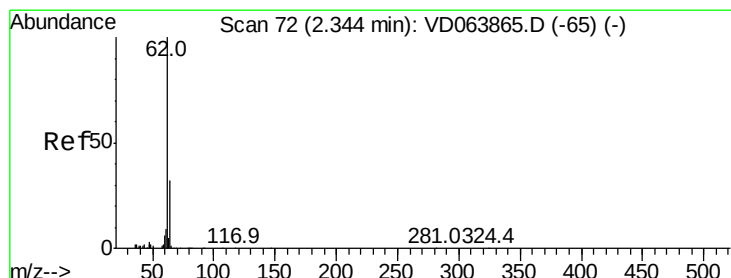
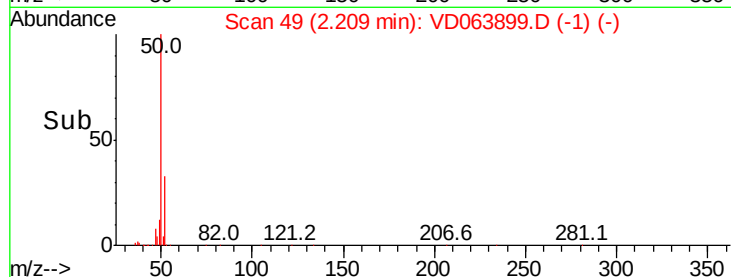
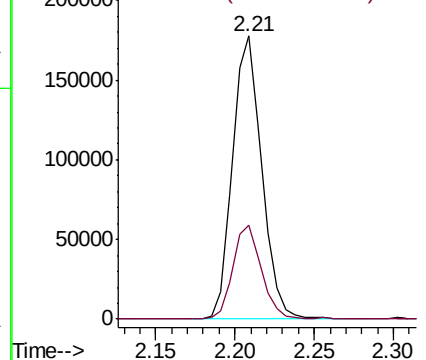
Ion Ratio Lower Upper

50 100

52 33.2 27.5 41.3



Abundance Ion 49.90 (49.60 to 50.60): VDC  
Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 52.394 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.01 min

Lab File: VD063899.D

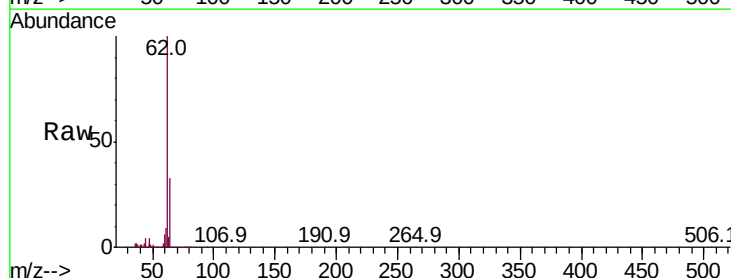
Acq: 07 Oct 2019 15:12

Tgt Ion: 62 Resp: 256425

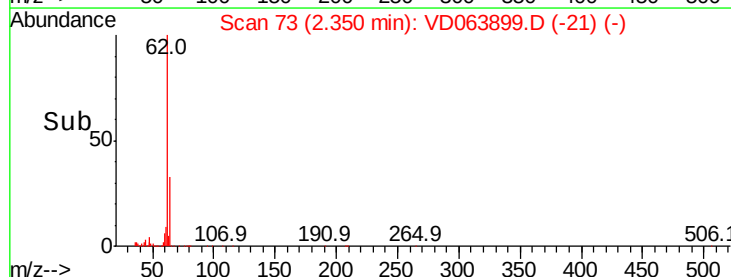
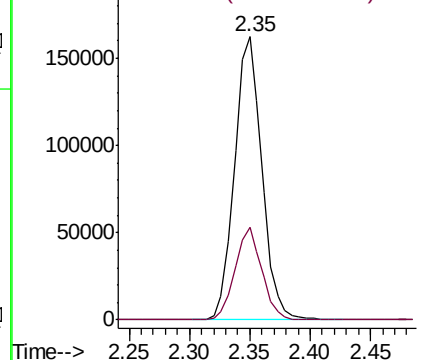
Ion Ratio Lower Upper

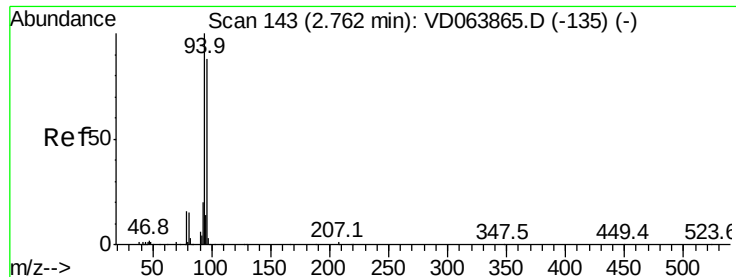
62 100

64 32.6 25.4 38.0



Abundance Ion 61.90 (61.60 to 62.60): VDC  
Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 47.049 ug/l

RT: 2.77 min Scan# 144

Delta R.T. 0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

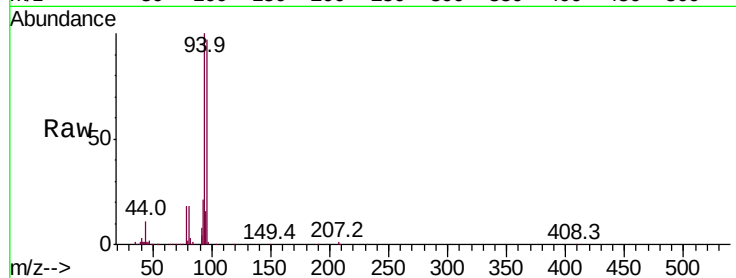
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 94 Resp: 148037

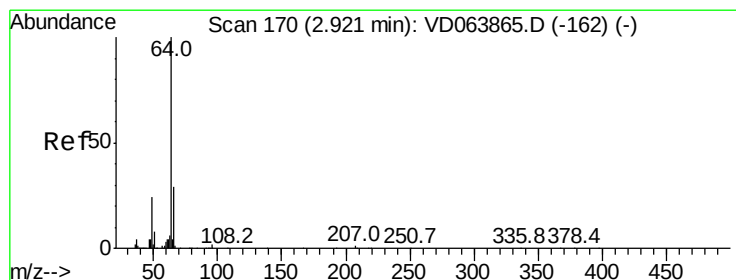
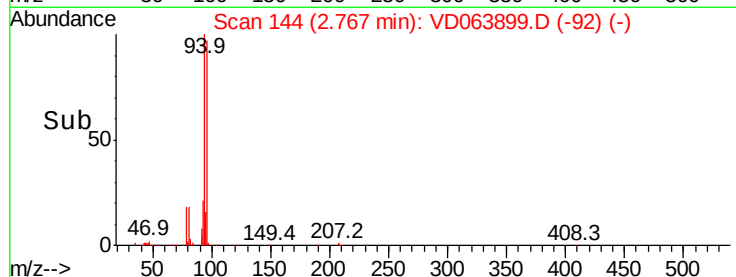
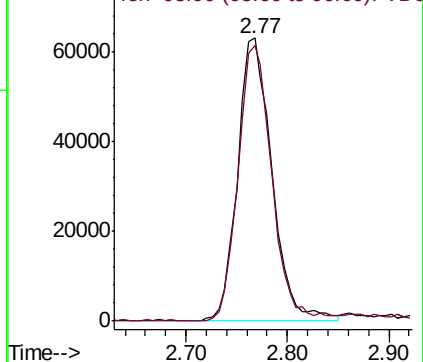
Ion Ratio Lower Upper

94 100

96 97.4 70.8 106.2



Abundance Ion 93.90 (93.60 to 94.60): VDC  
Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 50.373 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD063899.D

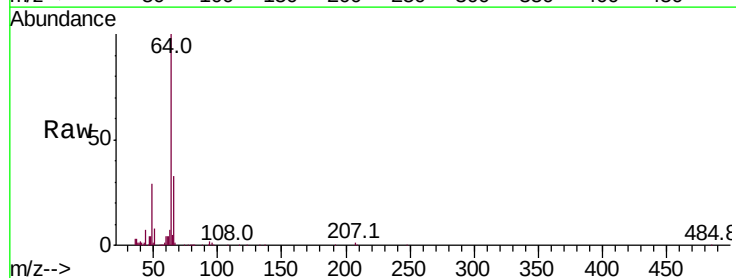
Acq: 07 Oct 2019 15:12

Tgt Ion: 64 Resp: 163043

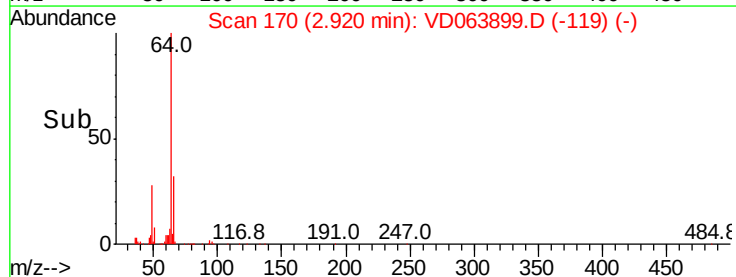
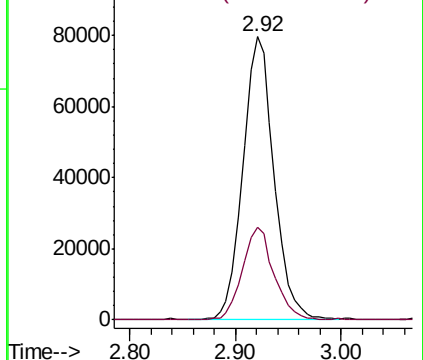
Ion Ratio Lower Upper

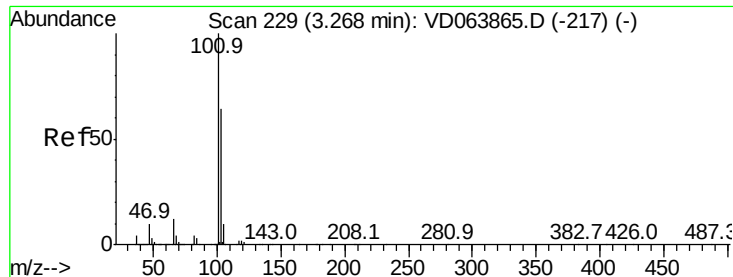
64 100

66 32.5 23.0 34.4



Abundance Ion 63.90 (63.60 to 64.60): VDC  
Ion 65.90 (65.60 to 66.60): VDC



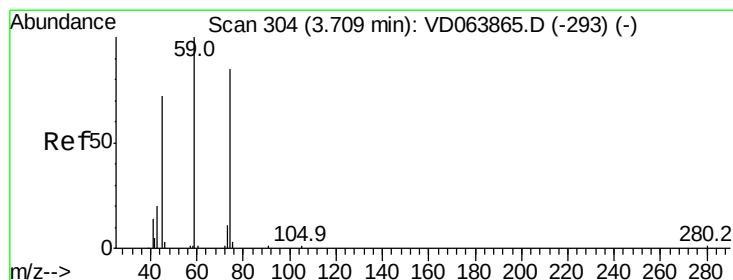
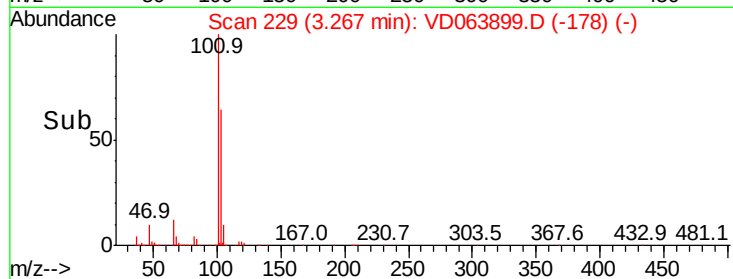
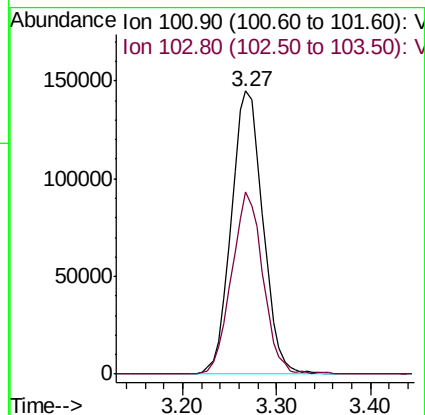
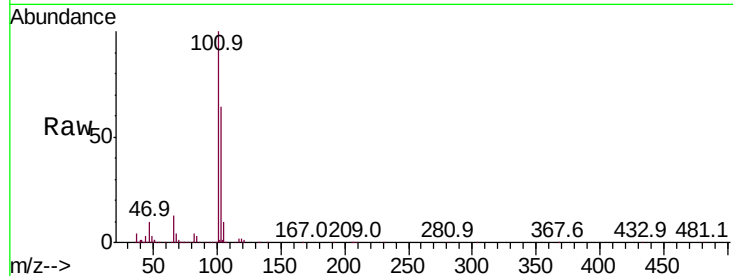


#7

Trichlorofluoromethane  
Concen: 52.287 ug/l  
RT: 3.27 min Scan# 229  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :

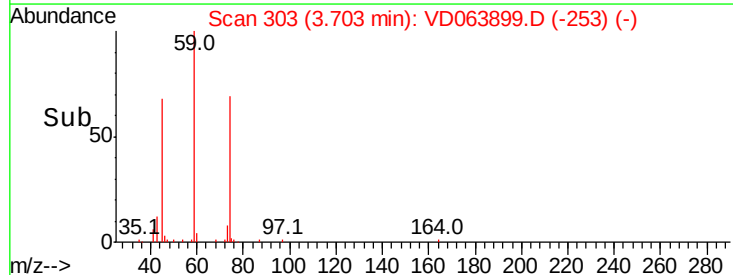
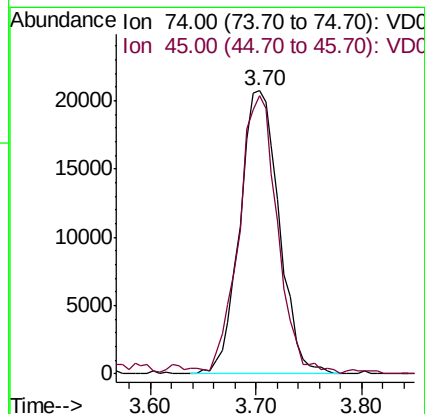
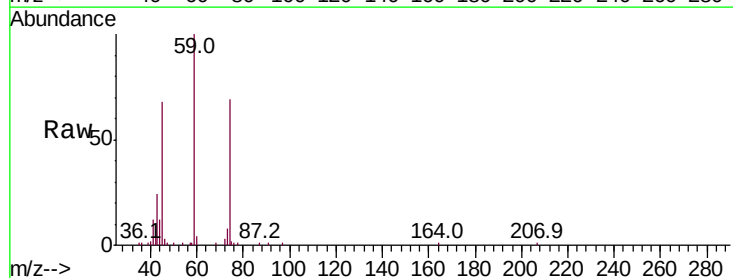
Tot Ion:101 Resp: 338339  
Ion Ratio Lower Upper  
101 100  
103 64.1 51.1 76.7



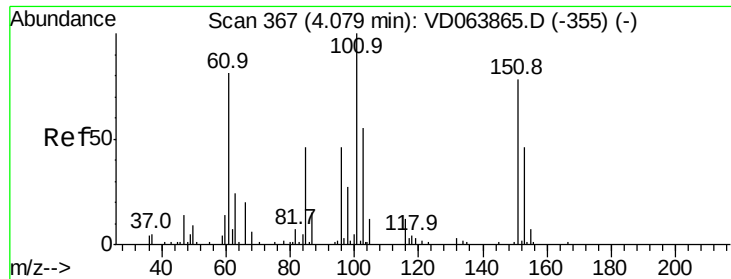
#8

Diethyl Ether  
Concen: 51.565 ug/l  
RT: 3.70 min Scan# 303  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 74 Resp: 53556  
Ion Ratio Lower Upper  
74 100  
45 96.4 48.1 144.4







#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.279 ug/l

RT: 4.09 min Scan# 368

Delta R.T. 0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

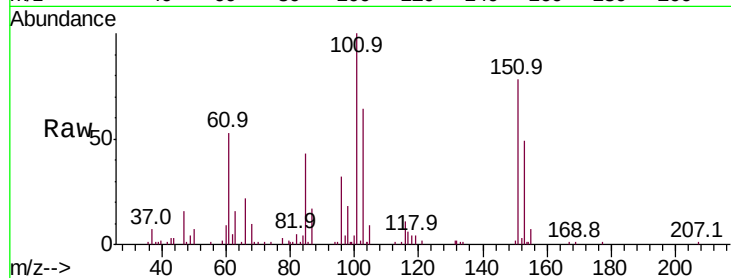
Tot Ion:101 Resp: 93642

Ion Ratio Lower Upper

101 100

85 46.9 37.5 56.3

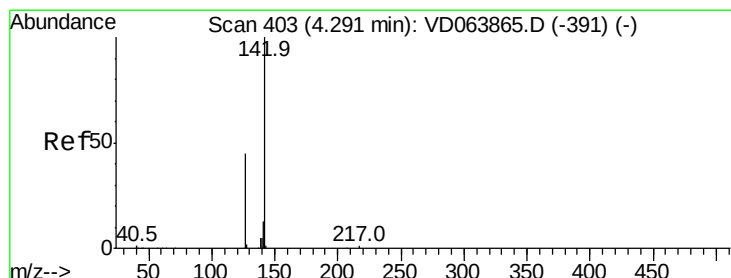
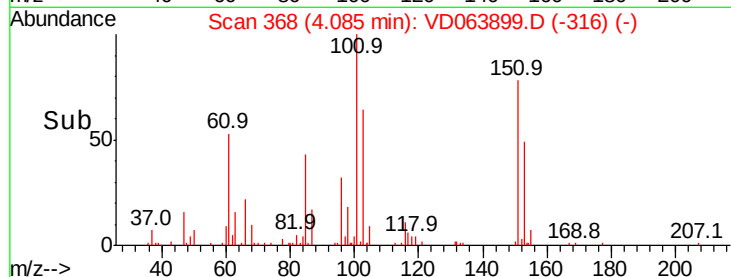
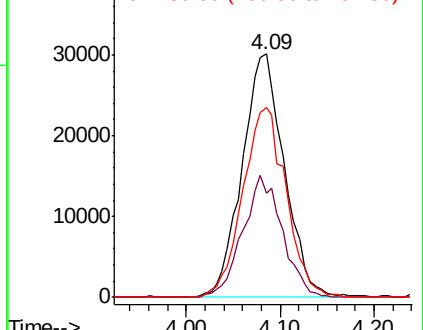
151 79.8 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.567 ug/l

RT: 4.29 min Scan# 403

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

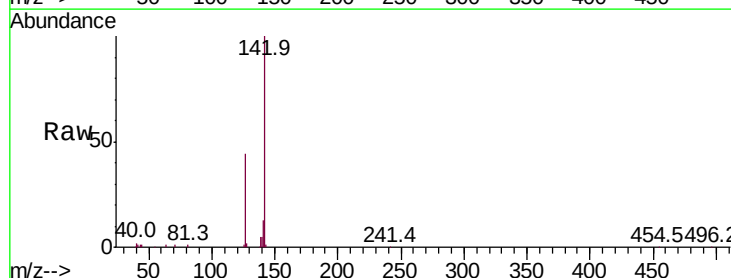
Tgt Ion:142 Resp: 129742

Ion Ratio Lower Upper

142 100

127 44.8 35.3 52.9

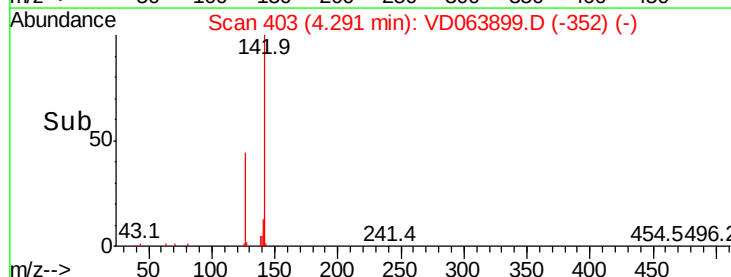
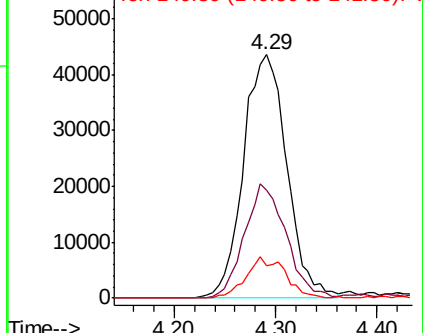
141 15.2 12.2 18.2

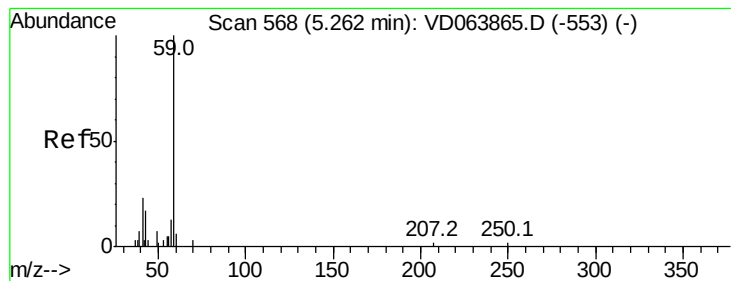


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



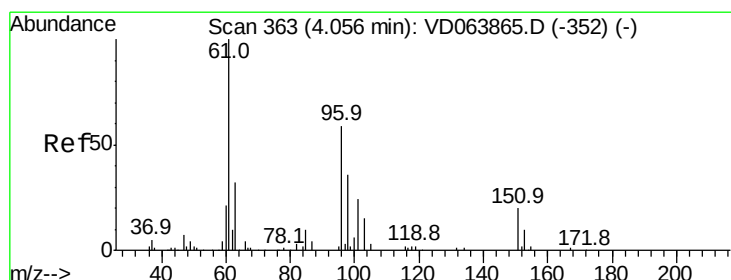
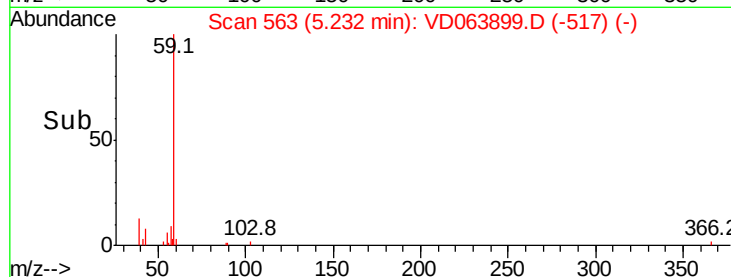
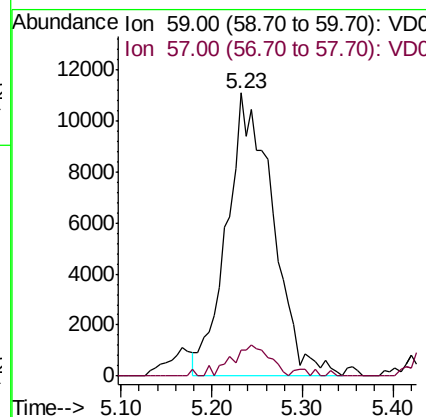
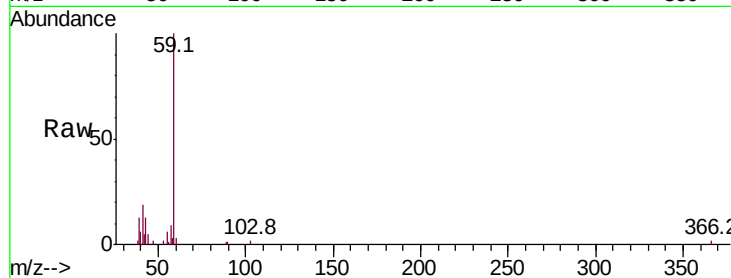


#11

Tert butyl alcohol  
Concen: 271.701 ug/l  
RT: 5.23 min Scan# 563  
Delta R.T. -0.03 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :

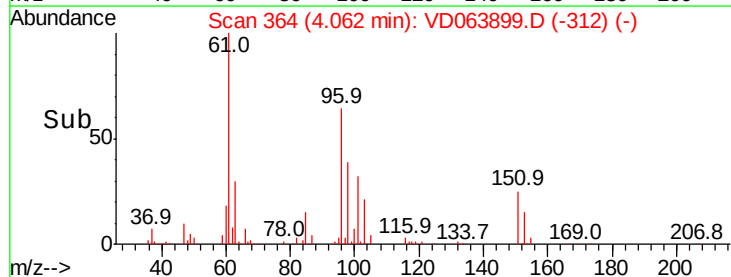
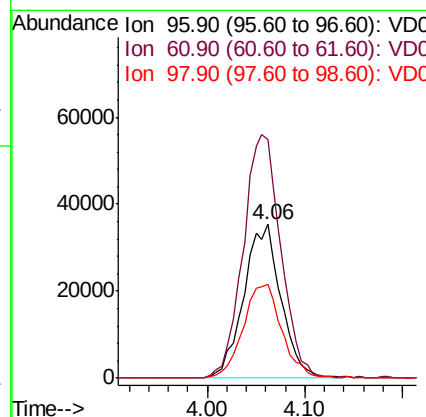
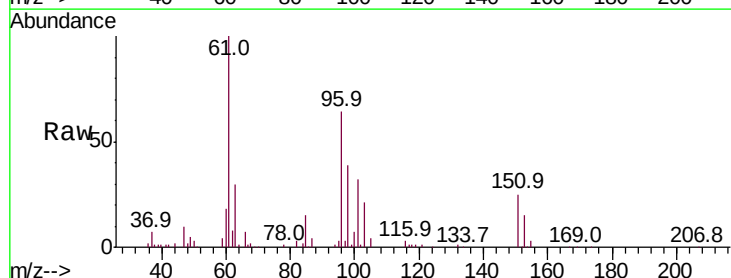
Tot Ion: 59 Resp: 39139  
Ion Ratio Lower Upper  
59 100  
57 9.0 8.8 13.2

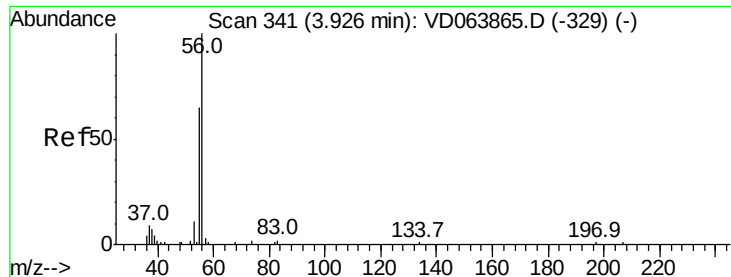


#12

1,1-Dichloroethene  
Concen: 52.622 ug/l  
RT: 4.06 min Scan# 364  
Delta R.T. 0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 96 Resp: 94169  
Ion Ratio Lower Upper  
96 100  
61 155.6 135.6 203.4  
98 61.0 49.2 73.8





#13

Acrolein

Concen: 282.577 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

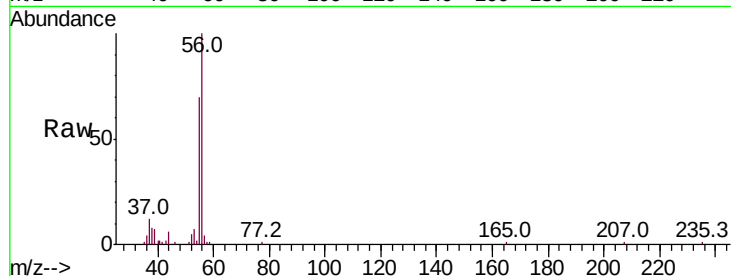
ClientSampleId :

Tot Ion: 56 Resp: 52466

Ion Ratio Lower Upper

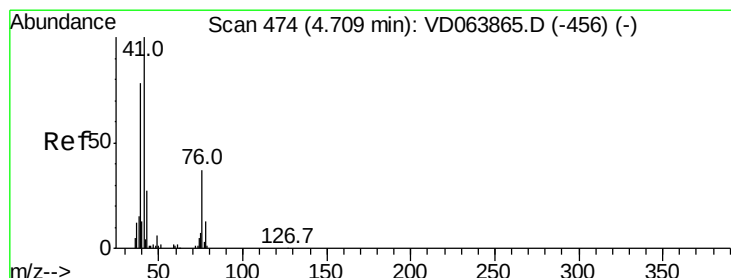
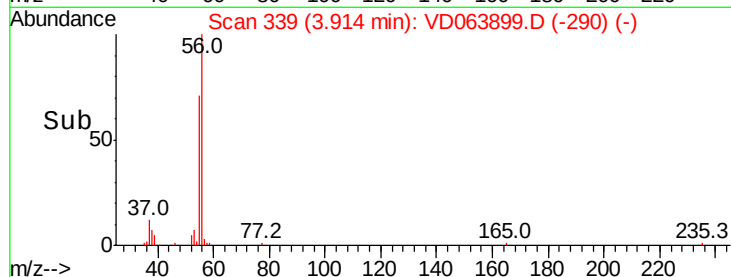
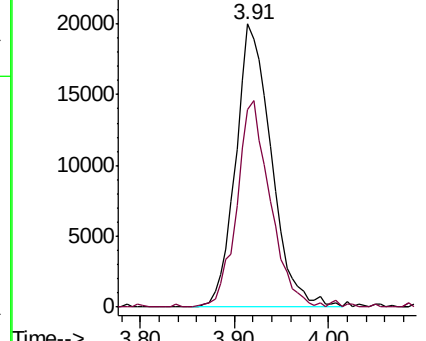
56 100

55 68.4 53.0 79.6



Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 50.940 ug/l

RT: 4.70 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

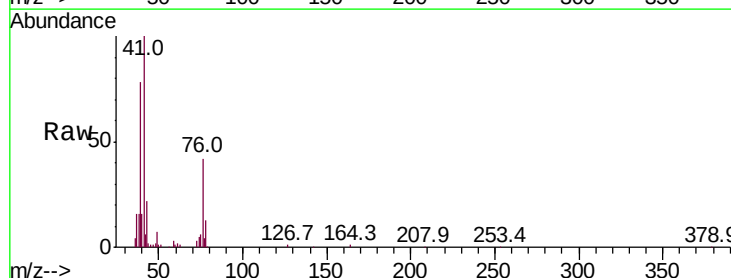
Tgt Ion: 41 Resp: 151558

Ion Ratio Lower Upper

41 100

39 80.0 61.8 92.6

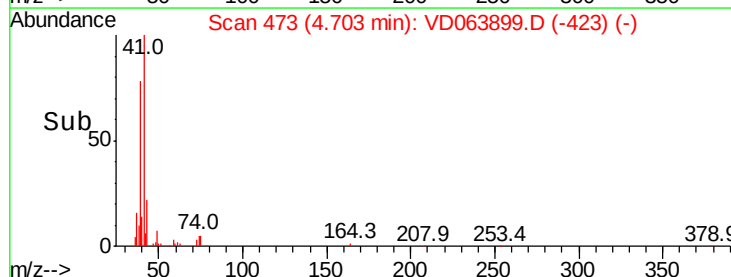
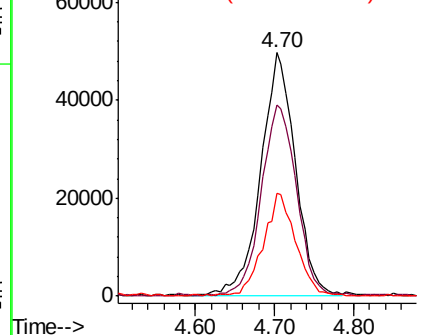
76 39.5 31.3 46.9

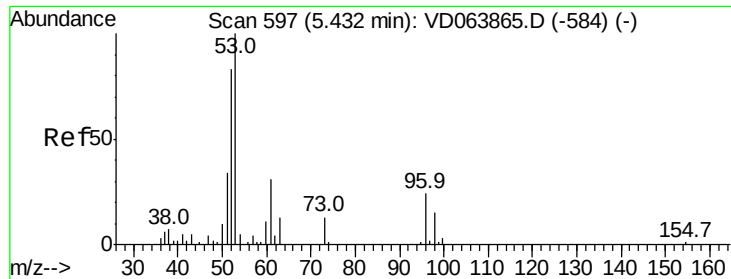


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 268.109 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampled :

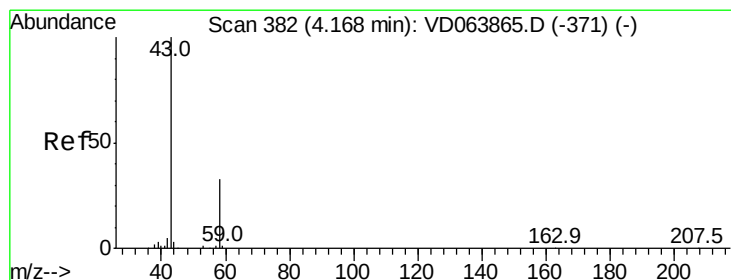
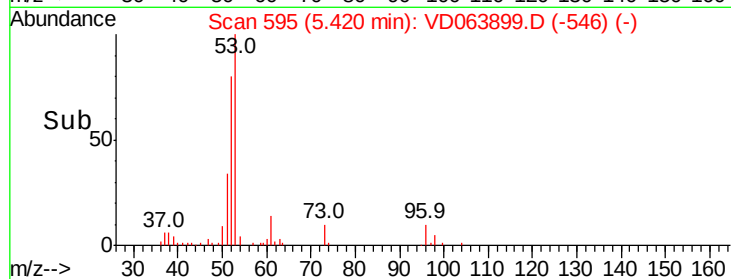
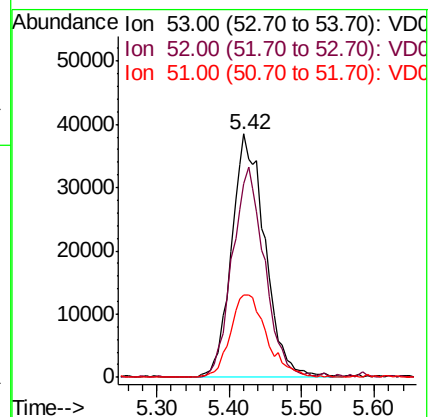
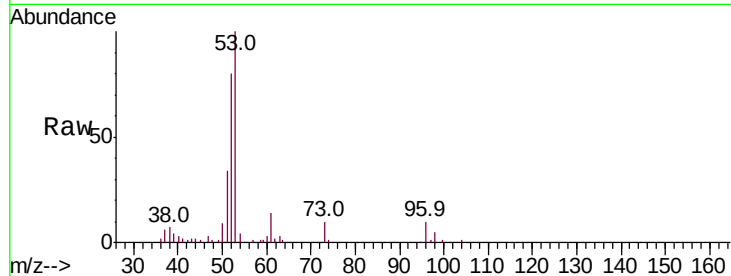
Tot Ion: 53 Resp: 122770

Ion Ratio Lower Upper

53 100

52 83.7 67.3 100.9

51 36.9 30.5 45.7



#16

Acetone

Concen: 268.849 ug/l

RT: 4.16 min Scan# 381

Delta R.T. -0.01 min

Lab File: VD063899.D

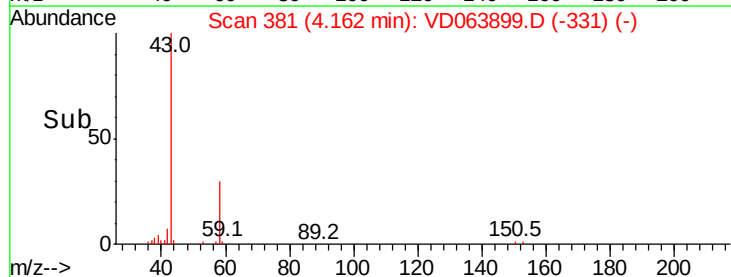
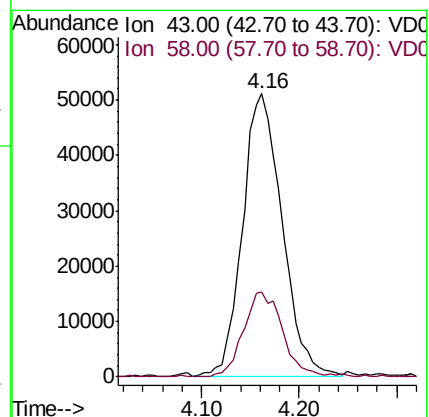
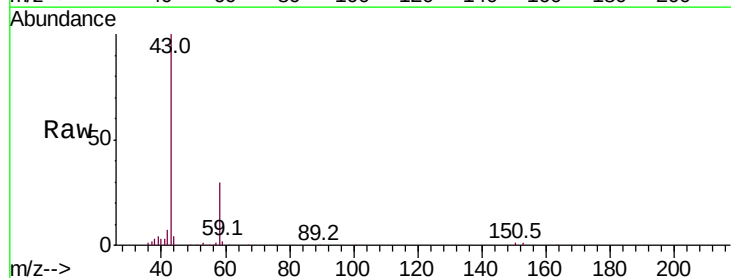
Acq: 07 Oct 2019 15:12

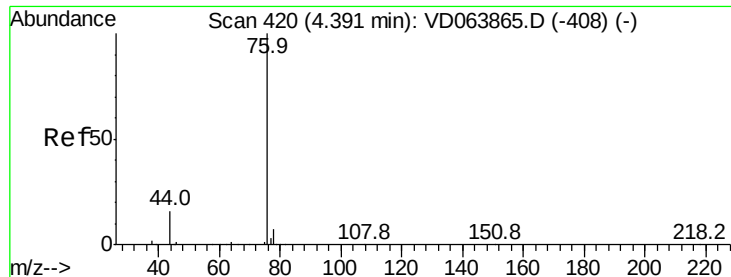
Tgt Ion: 43 Resp: 145511

Ion Ratio Lower Upper

43 100

58 29.8 26.2 39.4

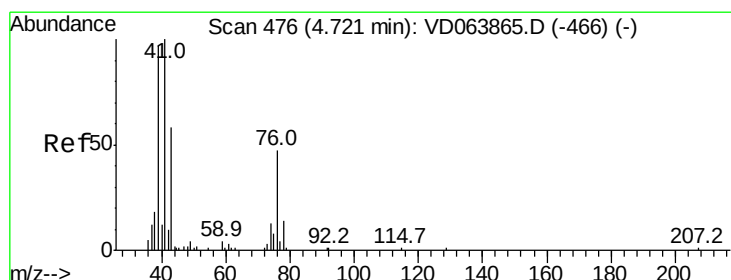
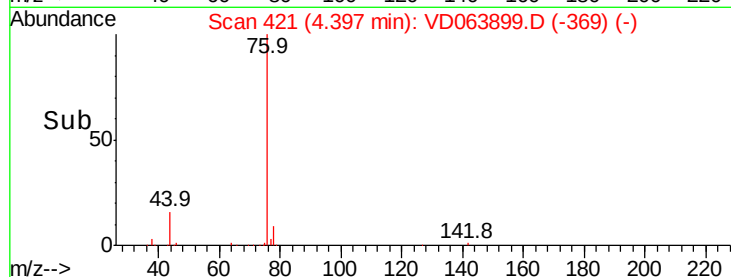
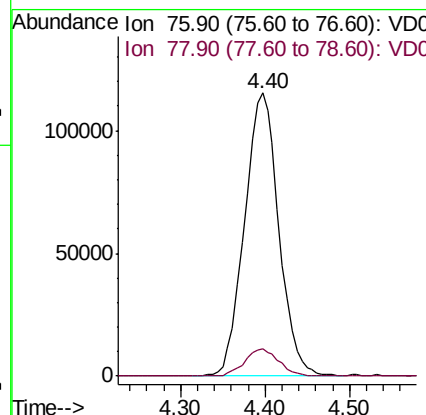
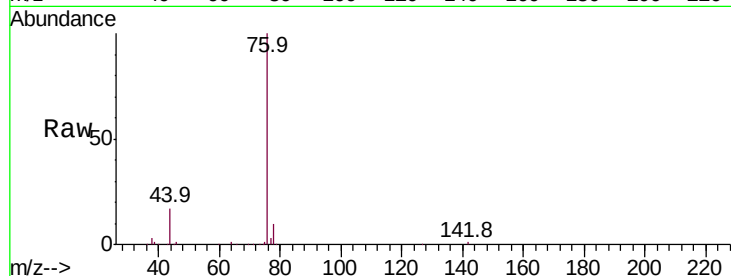




#17  
Carbon Disulfide  
Concen: 49.906 ug/l  
RT: 4.40 min Scan# 421  
Delta R.T. 0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

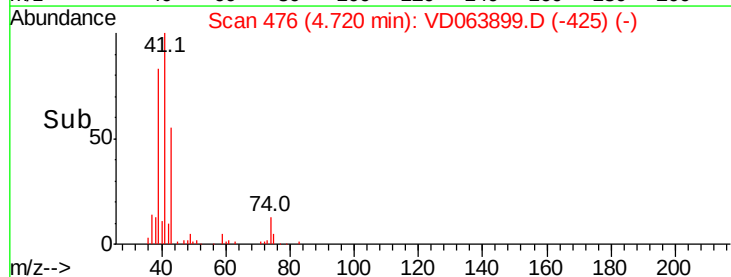
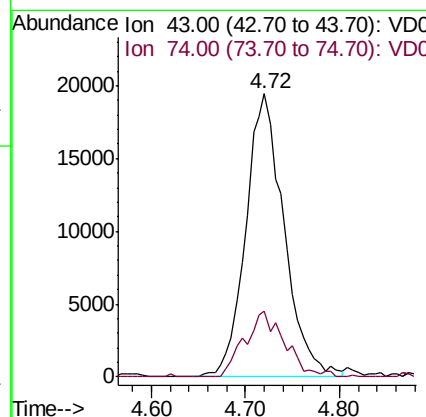
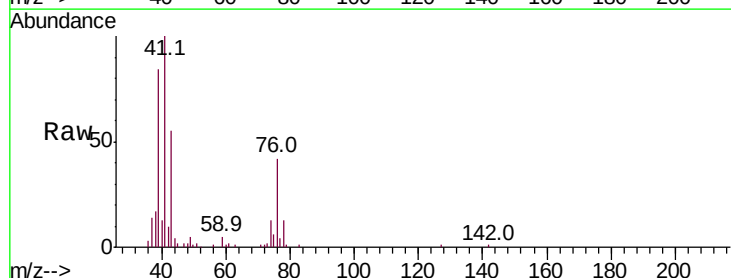
Instrument :  
MSVOA\_D  
ClientSampleId :

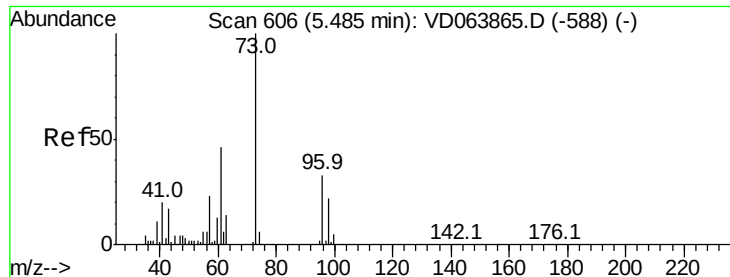
Tot Ion: 76 Resp: 324642  
Ion Ratio Lower Upper  
76 100  
78 9.6 5.8 8.8#



#18  
Methyl Acetate  
Concen: 51.746 ug/l  
RT: 4.72 min Scan# 476  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 43 Resp: 54778  
Ion Ratio Lower Upper  
43 100  
74 24.0 20.8 31.2

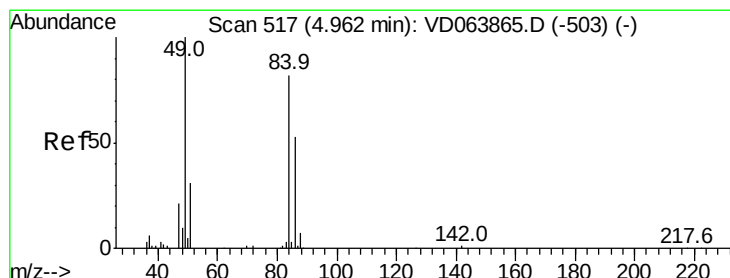
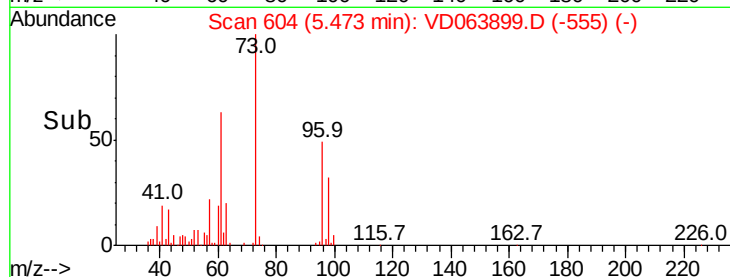
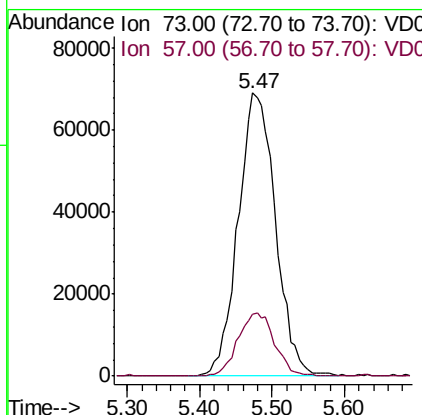
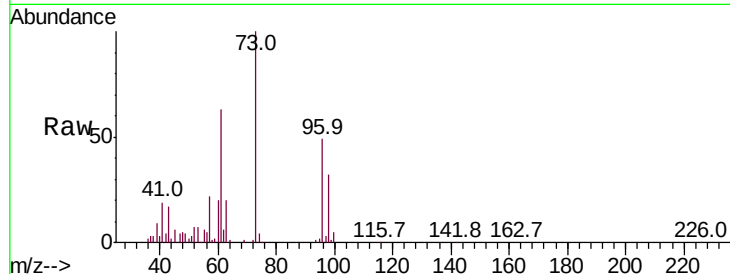




#19  
Methyl tert-butyl Ether  
Concen: 53.397 ug/l  
RT: 5.47 min Scan# 604  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

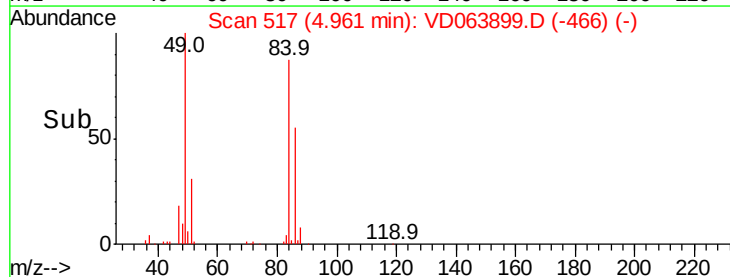
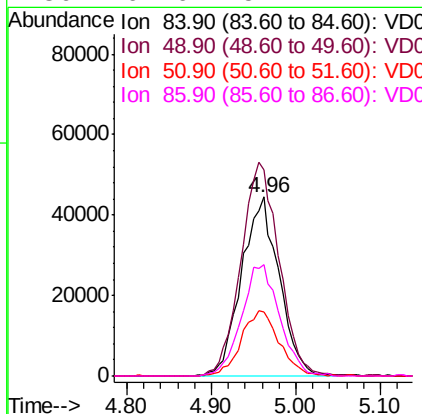
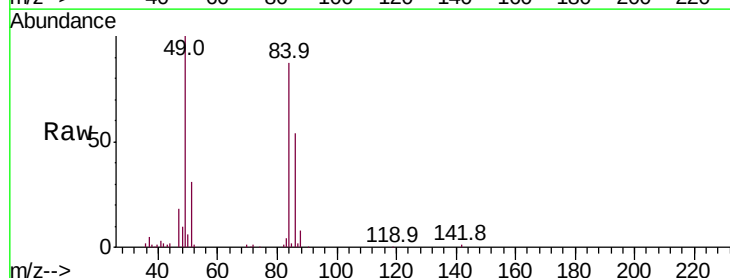
Instrument :  
MSVOA\_D  
ClientSampleId :

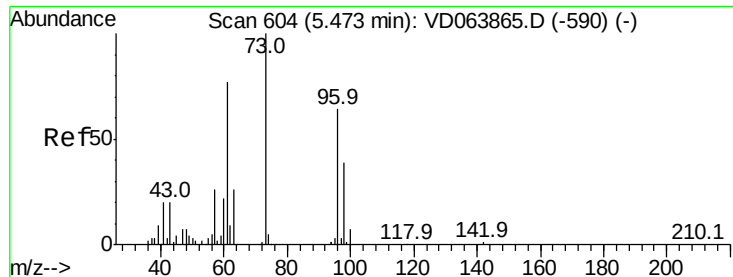
Tot Ion: 73 Resp: 247441  
Ion Ratio Lower Upper  
73 100  
57 21.7 18.1 27.1



#20  
Methylene Chloride  
Concen: 57.628 ug/l  
RT: 4.96 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 84 Resp: 137293  
Ion Ratio Lower Upper  
84 100  
49 115.6 97.3 145.9  
51 35.9 30.1 45.1  
86 62.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 52.804 ug/l

RT: 5.46 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

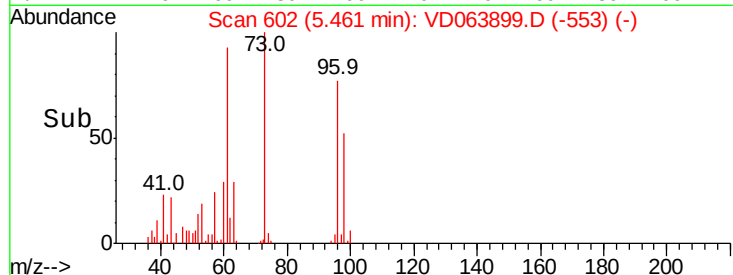
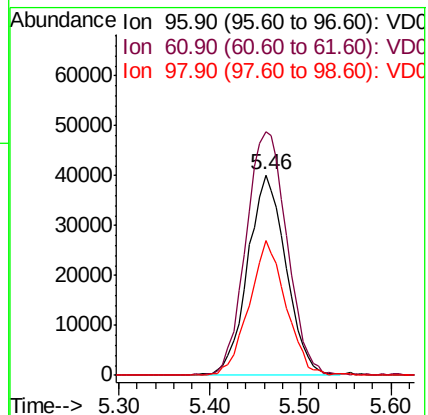
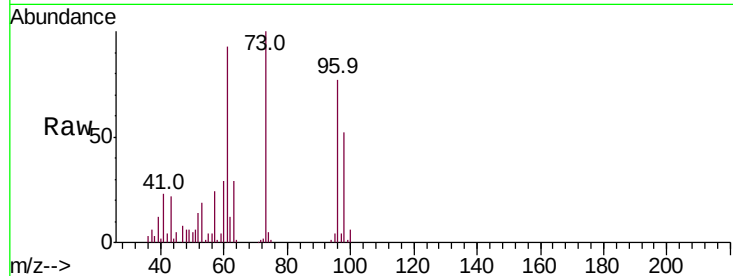
Tot Ion: 96 Resp: 117634

Ion Ratio Lower Upper

96 100

61 121.3 96.6 145.0

98 67.3 48.7 73.1



#22

Diisopropyl ether

Concen: 53.168 ug/l

RT: 6.37 min Scan# 756

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Tgt Ion: 45 Resp: 323064

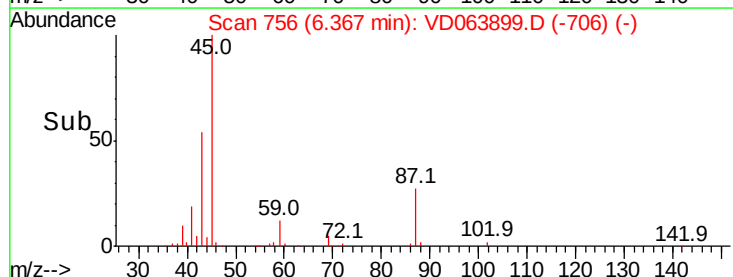
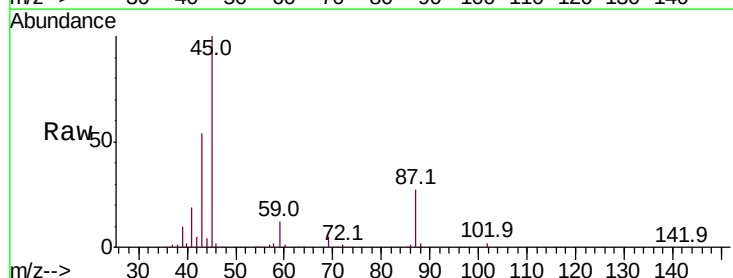
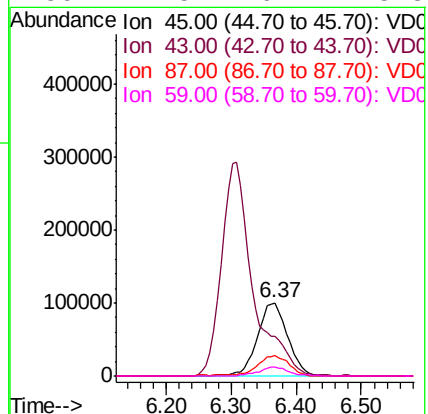
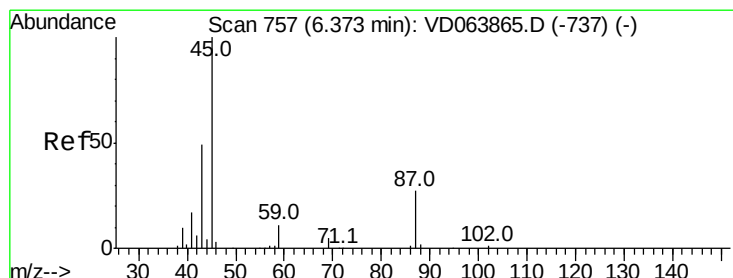
Ion Ratio Lower Upper

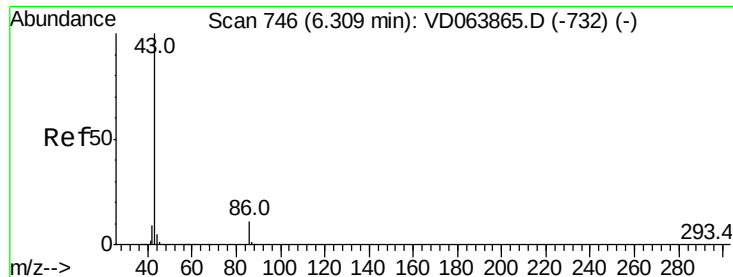
45 100

43 53.4 41.2 61.8

87 27.3 22.2 33.4

59 12.5 9.2 13.8





#23

Vinyl Acetate

Concen: 271.400 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

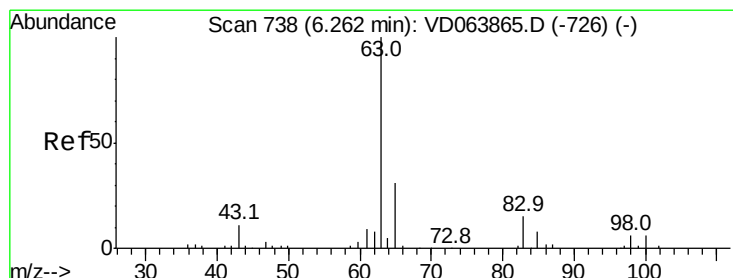
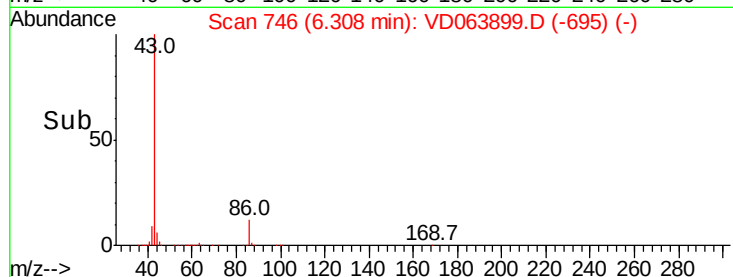
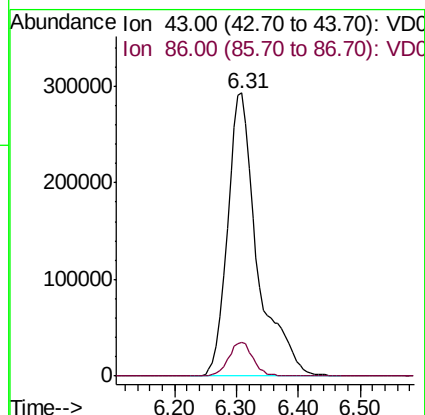
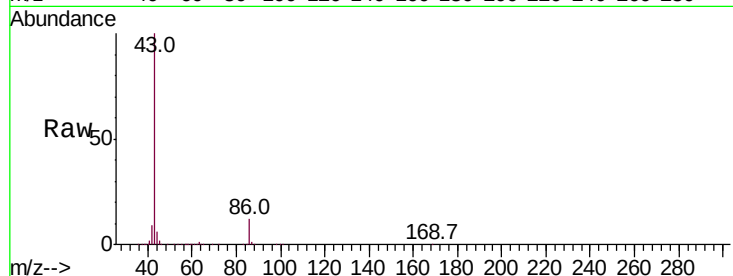
Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 43 Resp: 981039

Ion Ratio Lower Upper

43 100

86 11.7 8.8 13.2



#24

1,1-Dichloroethane

Concen: 53.388 ug/l

RT: 6.26 min Scan# 737

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

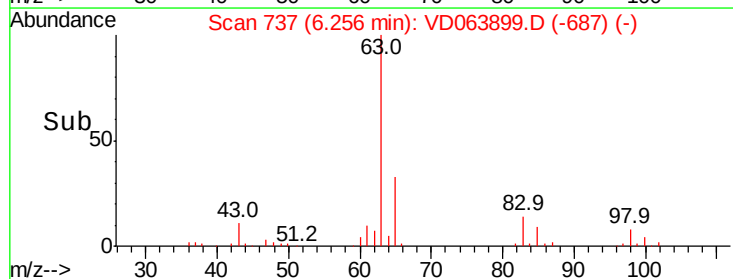
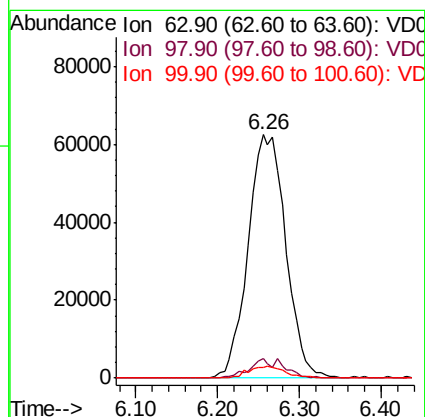
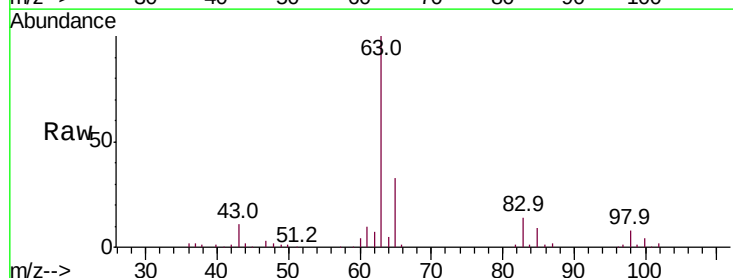
Tgt Ion: 63 Resp: 199819

Ion Ratio Lower Upper

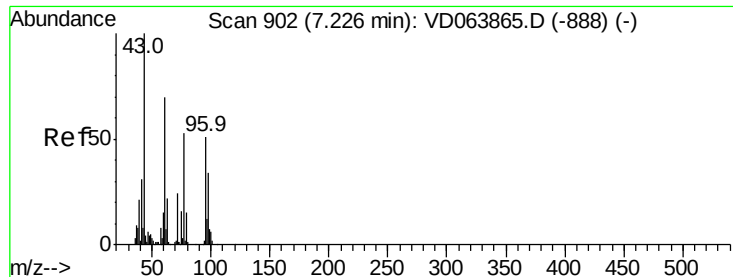
63 100

98 7.9 3.1 9.4

100 4.3 3.0 9.2







#25

2-Butanone

Concen: 273.331 ug/l

RT: 7.22 min Scan# 901

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

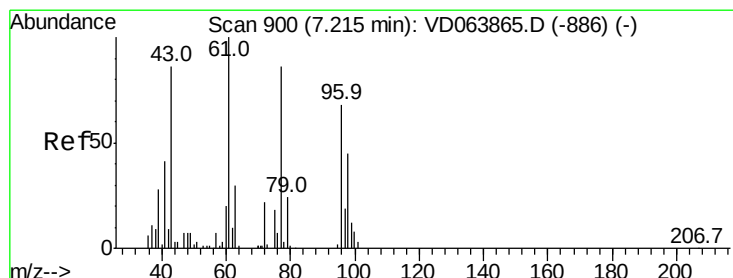
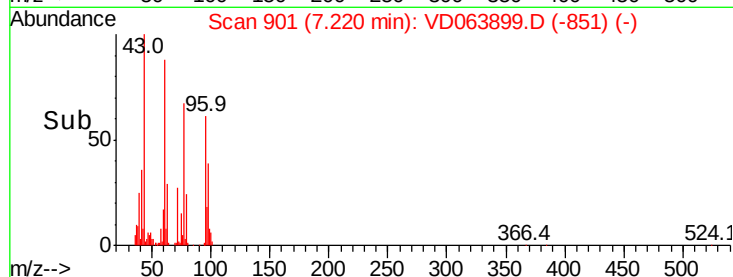
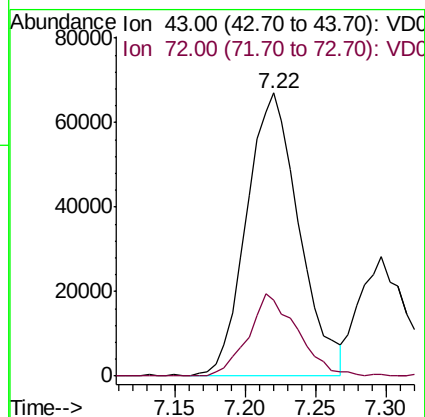
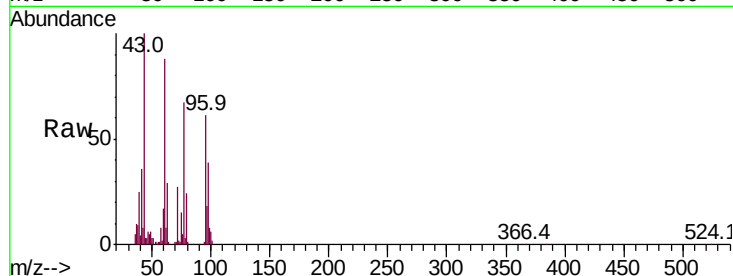
ClientSampled :

Tot Ion: 43 Resp: 175321

Ion Ratio Lower Upper

43 100

72 26.9 19.2 28.8



#26

2,2-Dichloropropane

Concen: 53.731 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD063899.D

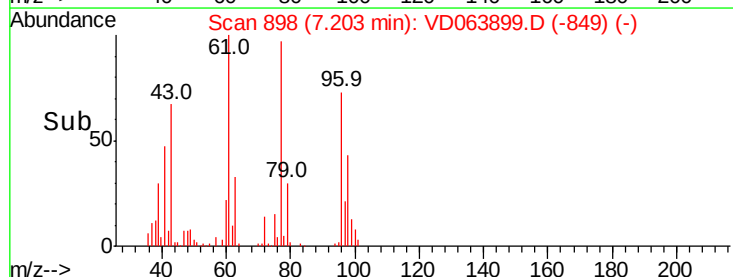
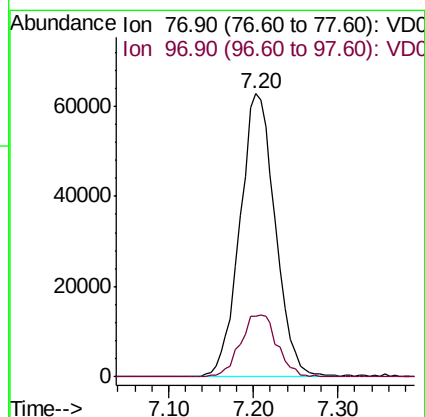
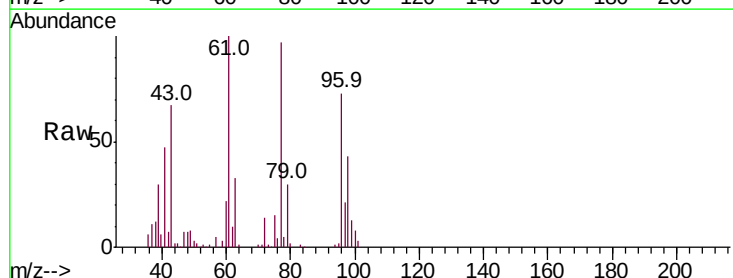
Acq: 07 Oct 2019 15:12

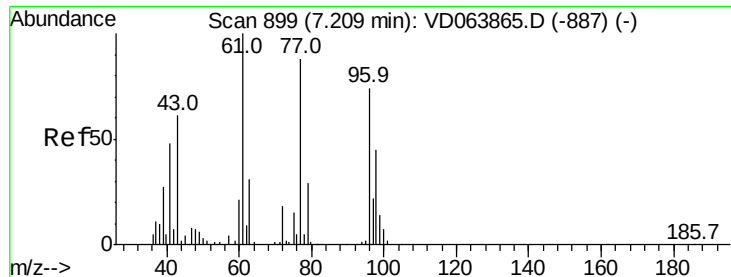
Tgt Ion: 77 Resp: 181916

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1



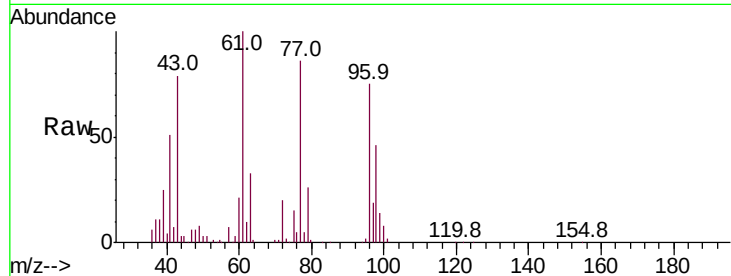


#27

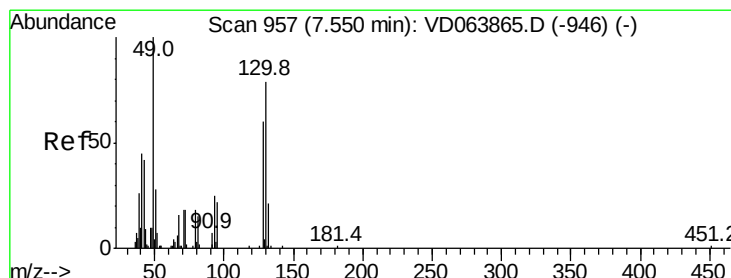
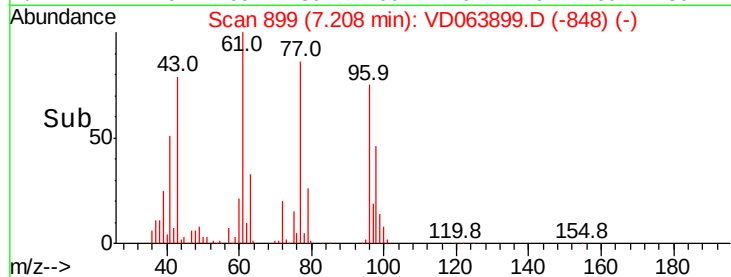
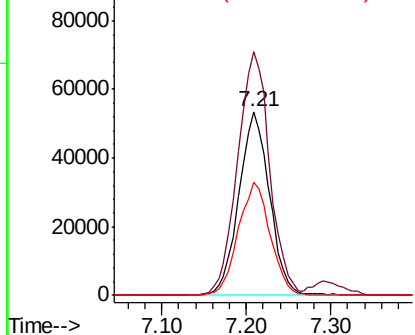
cis-1,2-Dichloroethene  
Concen: 53.446 ug/l  
RT: 7.21 min Scan# 899  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.8 | 0.0   | 280.0 |
| 98      | 64.1  | 0.0   | 130.4 |



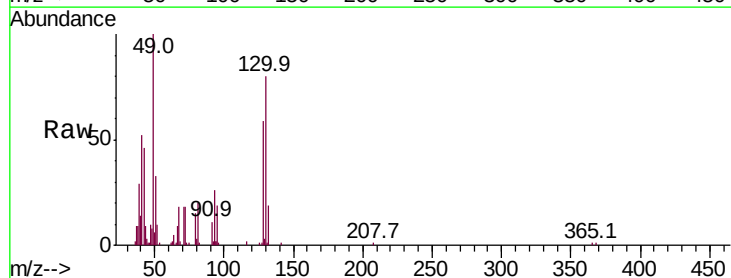
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC  
Ion 97.90 (97.60 to 98.60): VDC



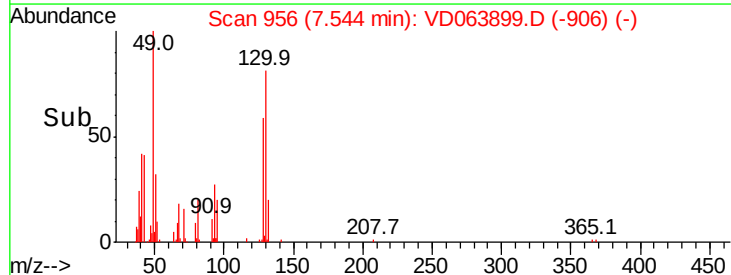
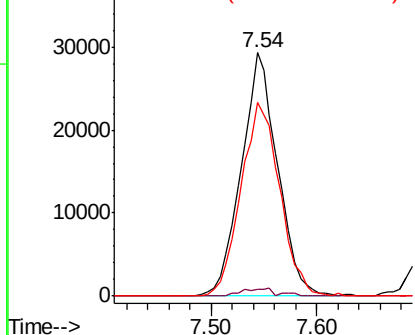
#28

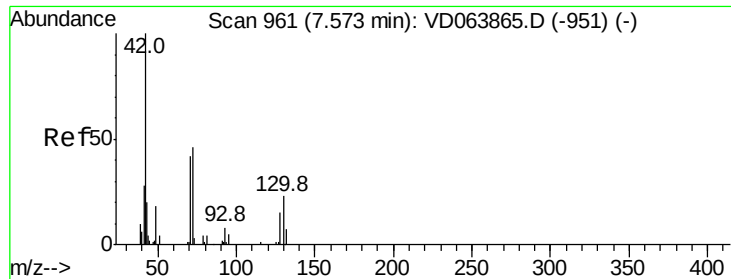
Bromochloromethane  
Concen: 49.115 ug/l  
RT: 7.54 min Scan# 956  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.6   |
| 130     | 84.9  | 66.8  | 100.2 |



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

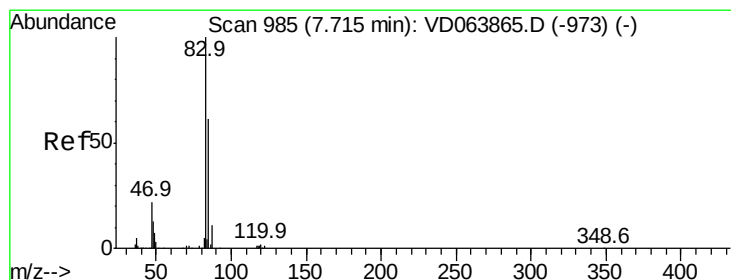
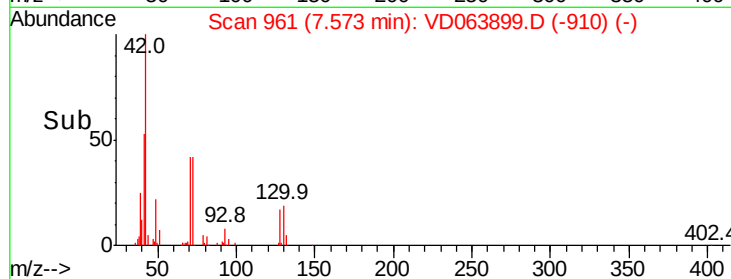
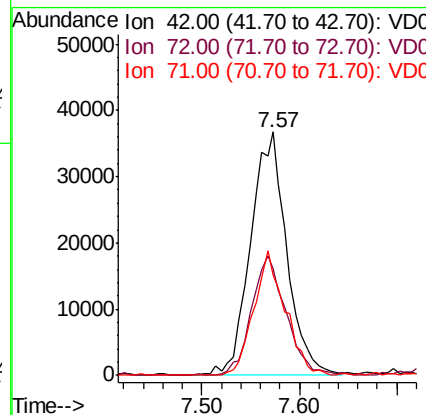
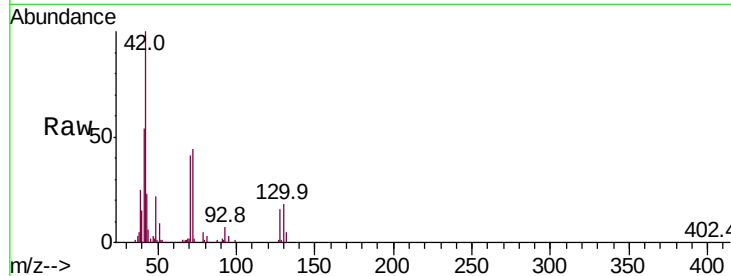




#29  
Tetrahydrofuran  
Concen: 254.458 ug/l  
RT: 7.57 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

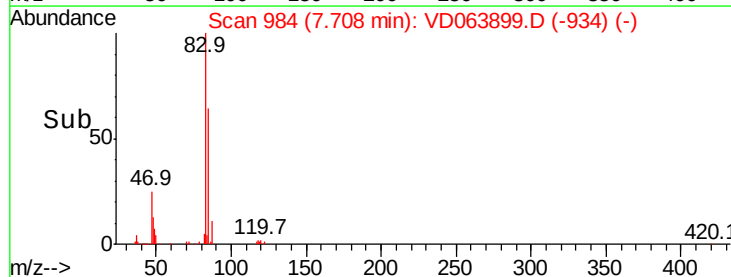
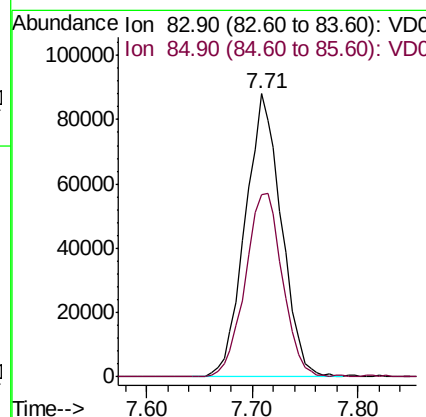
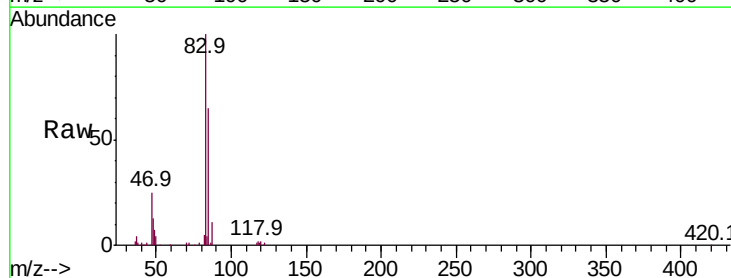
Instrument :  
MSVOA\_D  
ClientSampleId :

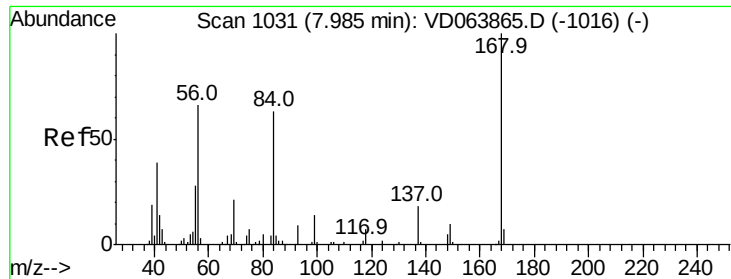
Tot Ion: 42 Resp: 95266  
Ion Ratio Lower Upper  
42 100  
72 47.2 37.6 56.4  
71 44.5 35.0 52.6



#30  
Chloroform  
Concen: 51.450 ug/l  
RT: 7.71 min Scan# 984  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 83 Resp: 209148  
Ion Ratio Lower Upper  
83 100  
85 64.6 48.9 73.3

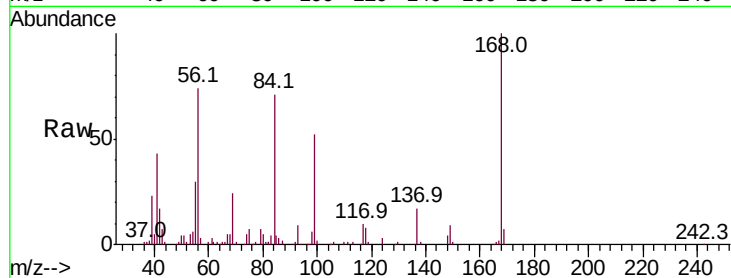




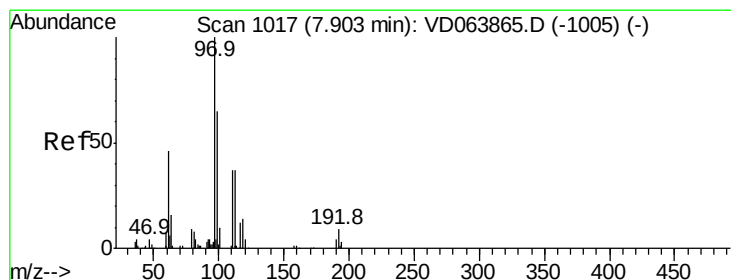
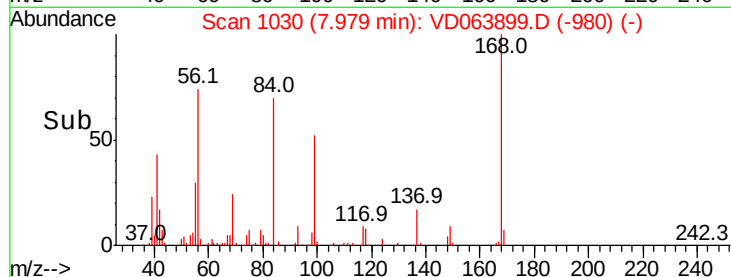
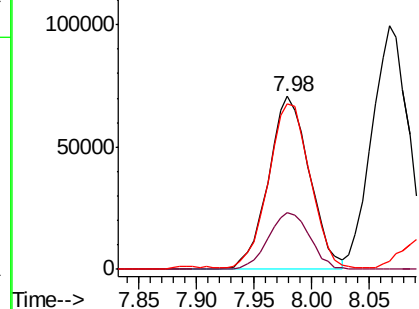
#31  
Cyclohexane  
Concen: 57.523 ug/l  
RT: 7.98 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleID :

Tot Ion: 56 Resp: 176144  
Ion Ratio Lower Upper  
56 100  
69 32.6 25.0 37.4  
84 94.0 76.3 114.5

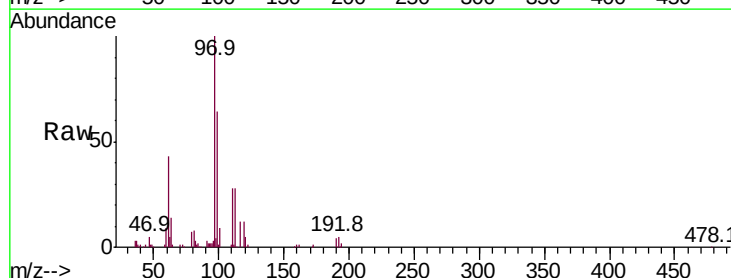


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

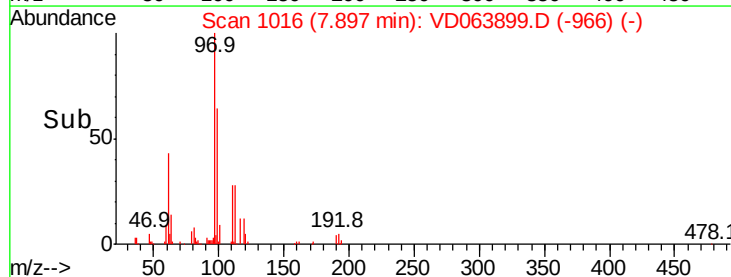
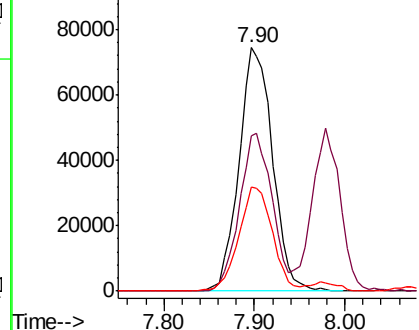


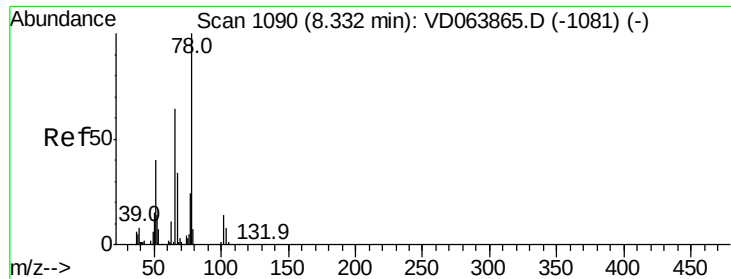
#32  
1,1,1-Trichloroethane  
Concen: 54.902 ug/l  
RT: 7.90 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 97 Resp: 191449  
Ion Ratio Lower Upper  
97 100  
99 62.8 52.4 78.6  
61 42.8 33.8 50.8



Abundance Ion 96.90 (96.60 to 97.60): VDC  
Ion 98.90 (98.60 to 99.60): VDC  
Ion 60.90 (60.60 to 61.60): VDC

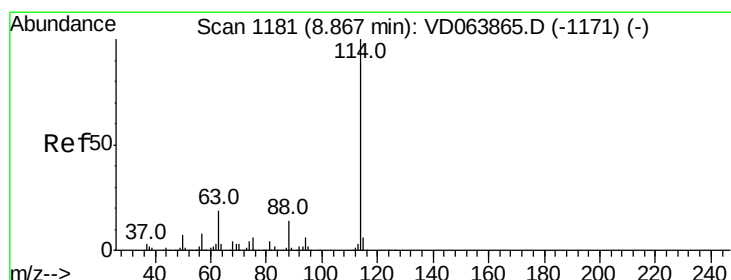
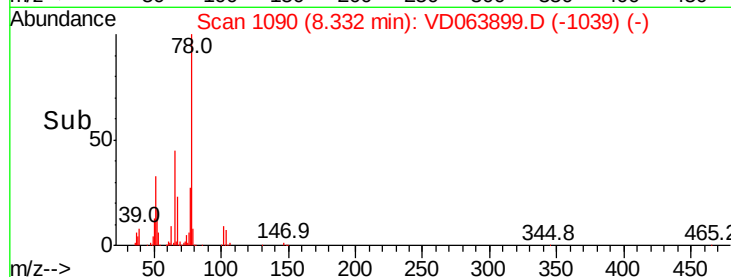
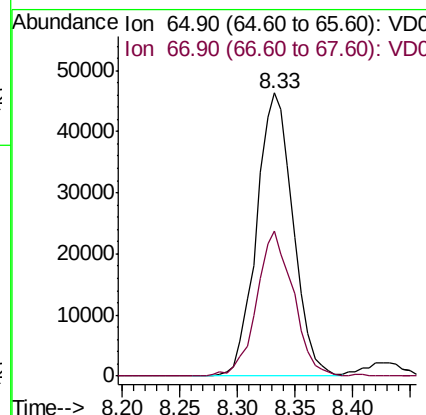
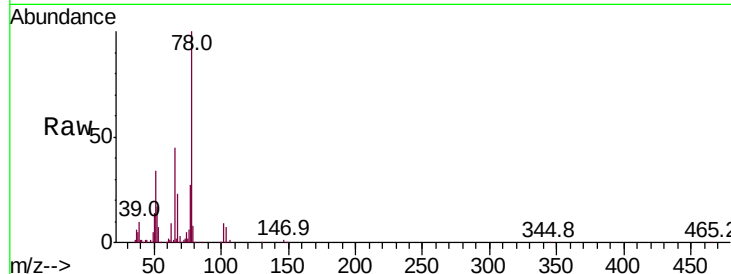




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.992 ug/l  
 RT: 8.33 min Scan# 1090  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

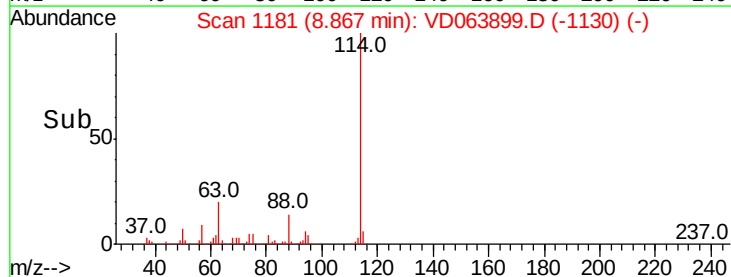
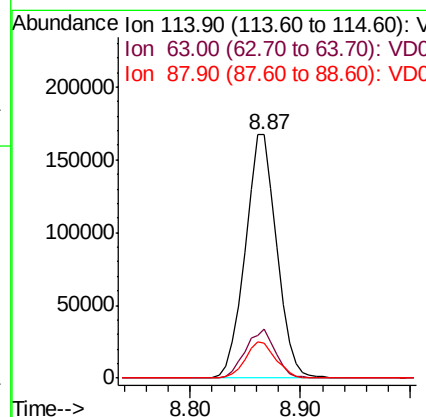
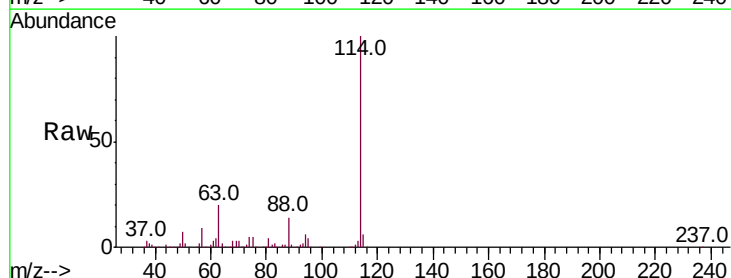
Instrument :  
 MSVOA\_D  
 ClientSampleId :

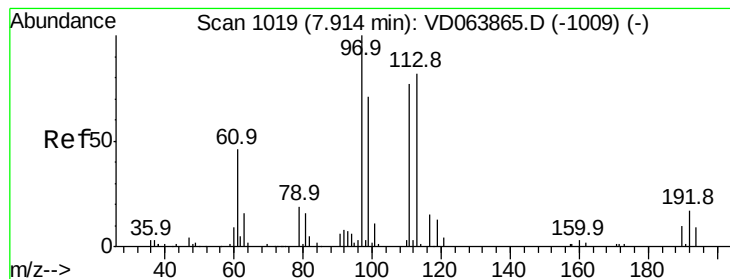
Tot Ion: 65 Resp: 101846  
 Ion Ratio Lower Upper  
 65 100  
 67 51.4 0.0 106.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.87 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

Tgt Ion: 114 Resp: 335114  
 Ion Ratio Lower Upper  
 114 100  
 63 20.2 0.0 38.4  
 88 14.4 0.0 27.4





#35

Dibromofluoromethane

Concen: 50.922 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampled :

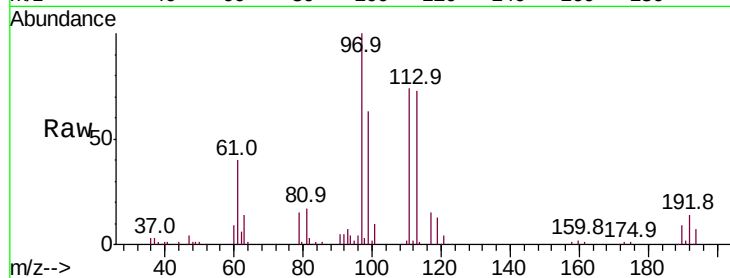
Tot Ion:113 Resp: 104287

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

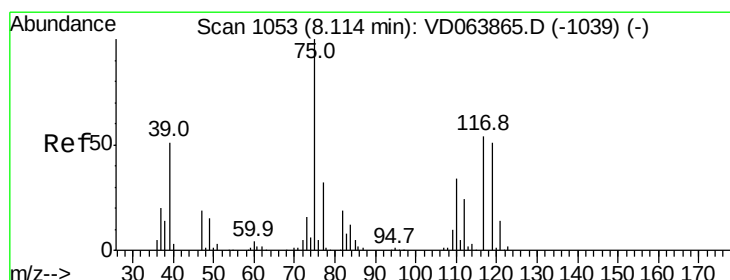
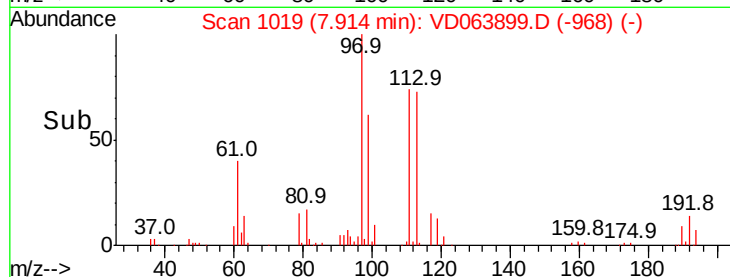
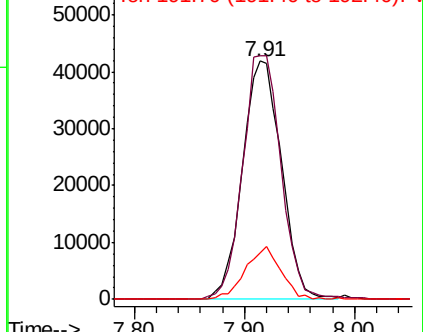
192 20.1 17.1 25.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.898 ug/l

RT: 8.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

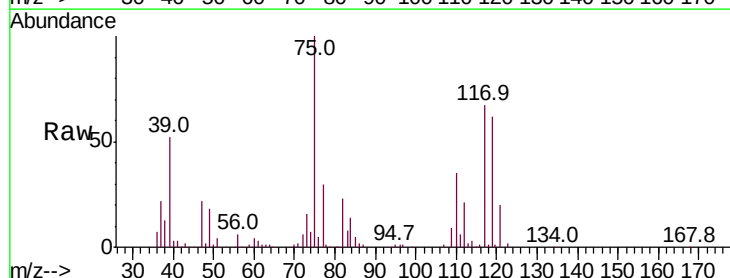
Tgt Ion: 75 Resp: 165144

Ion Ratio Lower Upper

75 100

110 35.7 17.4 52.3

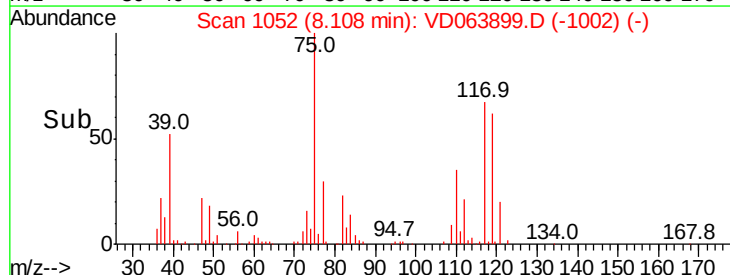
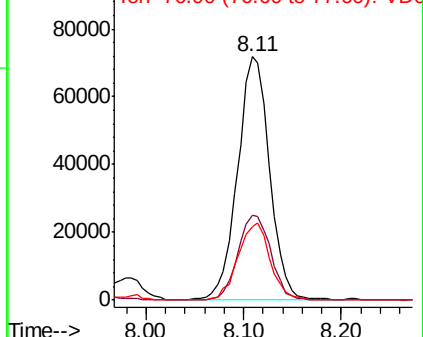
77 31.8 25.4 38.0

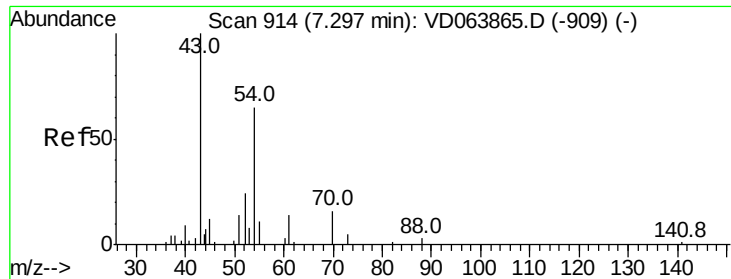


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

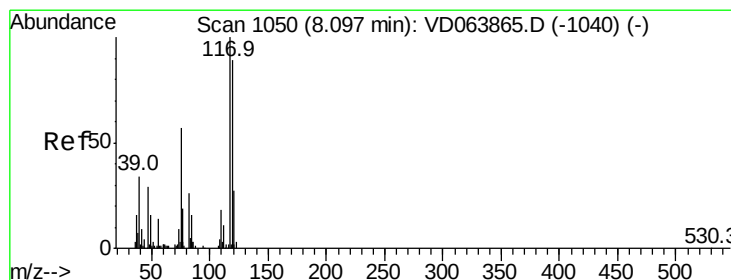
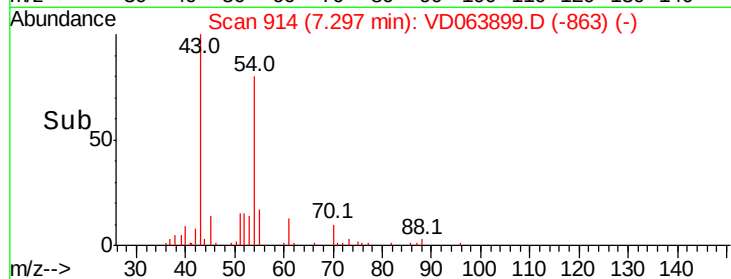
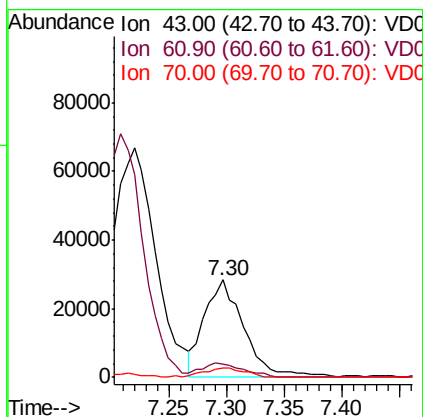
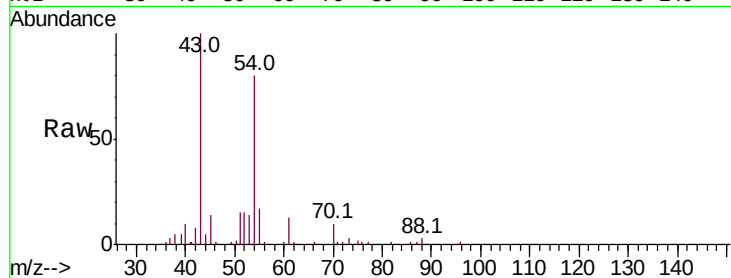




#37  
Ethyl Acetate  
Concen: 55.224 ug/l  
RT: 7.30 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

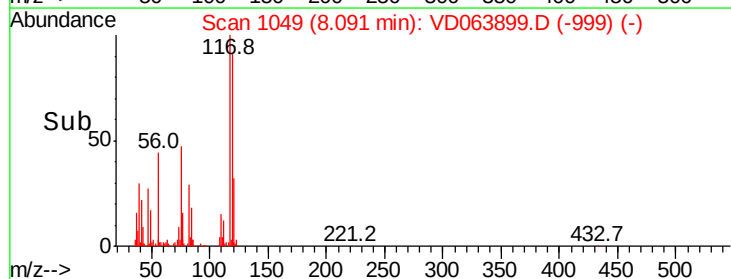
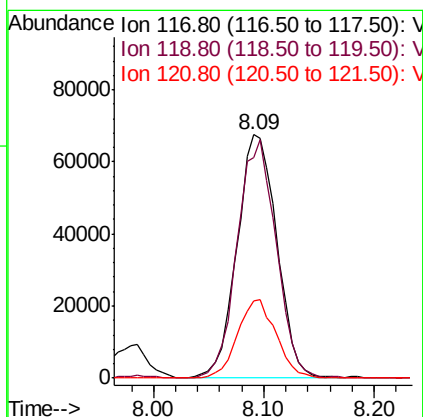
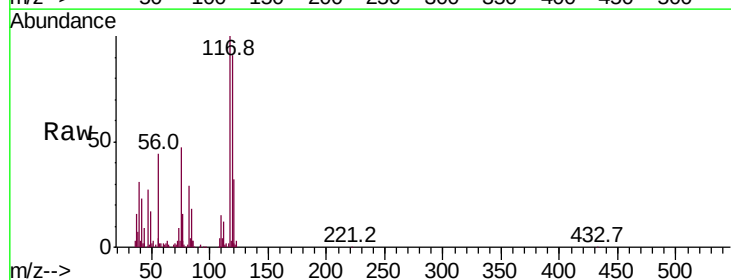
Instrument :  
MSVOA\_D  
ClientSampleId :

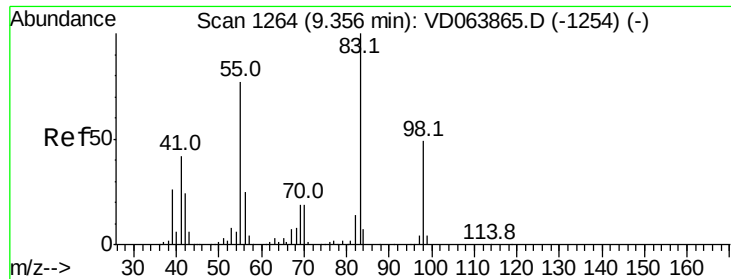
Tot Ion: 43 Resp: 67338  
Ion Ratio Lower Upper  
43 100  
61 14.4 11.5 17.3  
70 10.5 8.2 12.4



#38  
Carbon Tetrachloride  
Concen: 55.294 ug/l  
RT: 8.09 min Scan# 1049  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 117 Resp: 171208  
Ion Ratio Lower Upper  
117 100  
119 90.6 70.8 106.2  
121 31.9 21.4 32.0

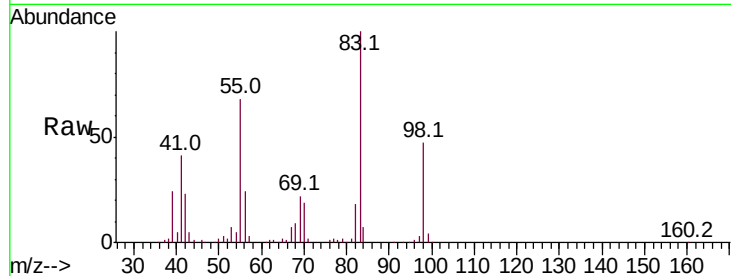




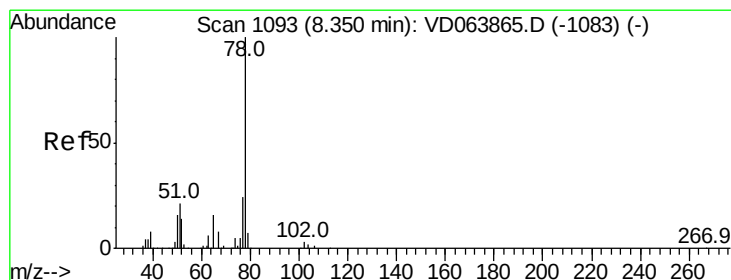
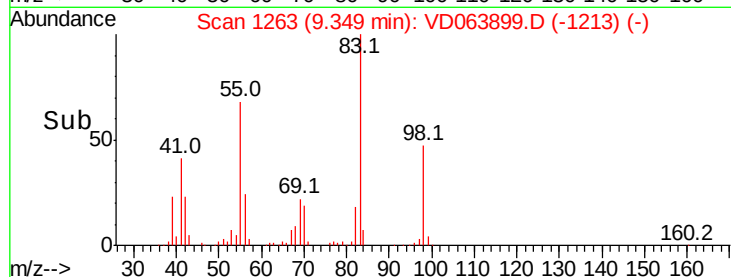
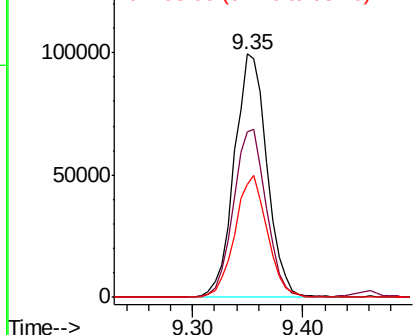
#39  
Methylvlcyclohexane  
Concen: 54.981 ug/l  
RT: 9.35 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 83 Resp: 207136  
Ion Ratio Lower Upper  
83 100  
55 68.0 61.3 91.9  
98 46.7 39.3 58.9

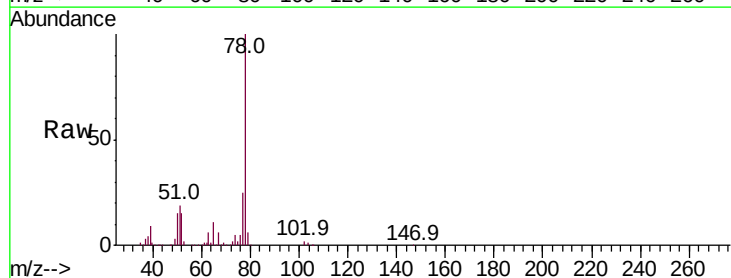


Abundance Ion 83.00 (82.70 to 83.70): VDC  
Ion 55.00 (54.70 to 55.70): VDC  
Ion 98.00 (97.70 to 98.70): VDC

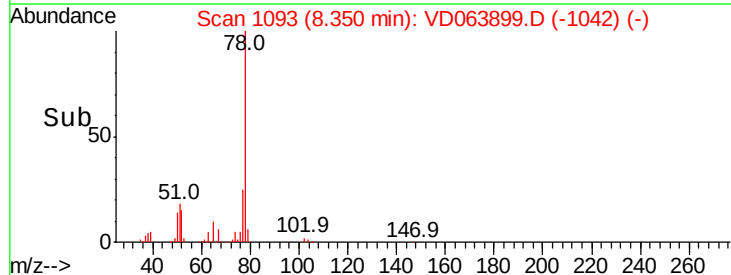
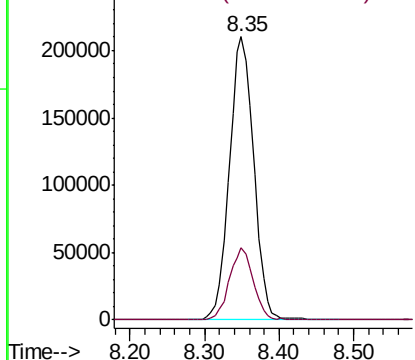


#40  
Benzene  
Concen: 54.306 ug/l  
RT: 8.35 min Scan# 1093  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

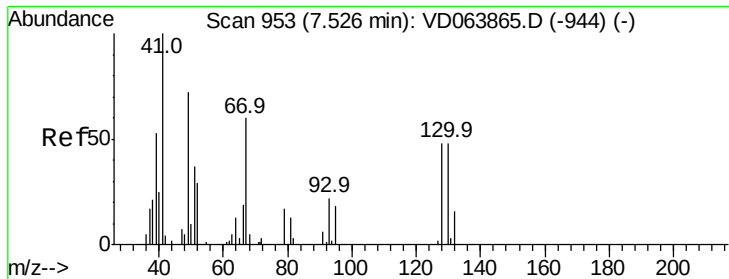
Tgt Ion: 78 Resp: 476840  
Ion Ratio Lower Upper  
78 100  
77 25.3 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VDC  
Ion 77.00 (76.70 to 77.70): VDC







#41

Methacrylonitrile

Concen: 47.493 ug/l

RT: 7.53 min Scan# 954

Delta R.T. 0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 41 Resp: 33738

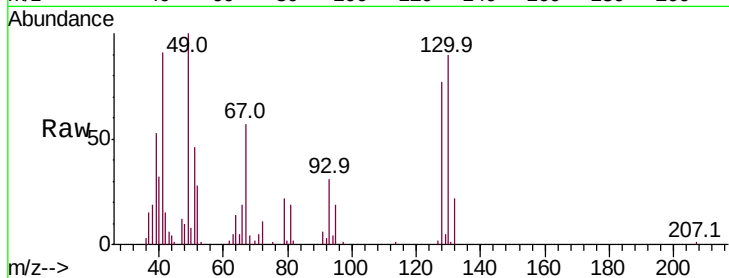
Ion Ratio Lower Upper

41 100

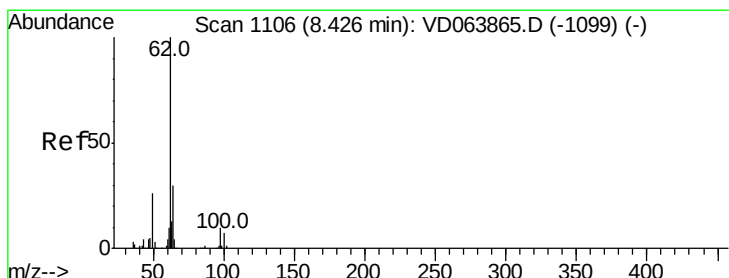
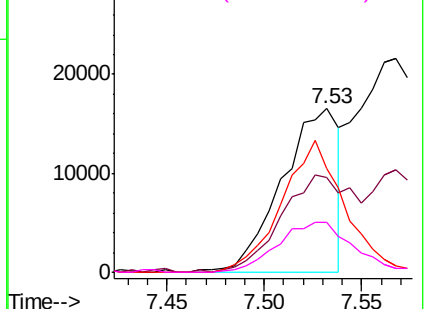
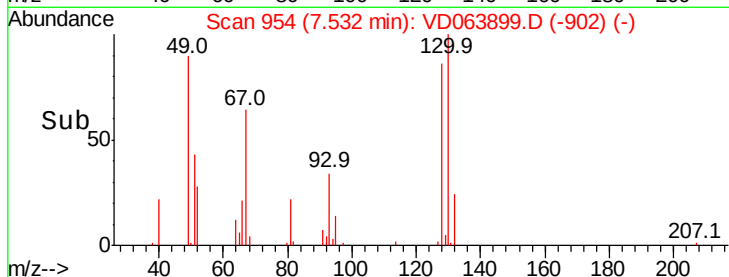
39 75.1 52.6 78.8

67 88.0 74.2 111.2

52 40.8 34.0 51.0



Abundance Ion 41.00 (40.70 to 41.70): VDC  
 Ion 39.00 (38.70 to 39.70): VDC  
 Ion 67.00 (66.70 to 67.70): VDC  
 Ion 52.00 (51.70 to 52.70): VDC



#42

1,2-Dichloroethane

Concen: 54.123 ug/l

RT: 8.43 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VD063899.D

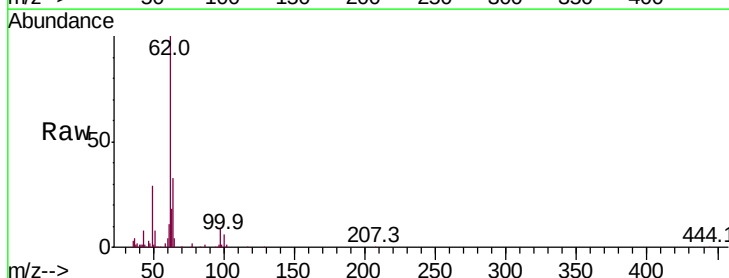
Acq: 07 Oct 2019 15:12

Tgt Ion: 62 Resp: 137468

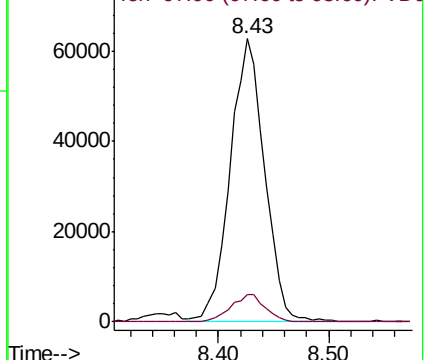
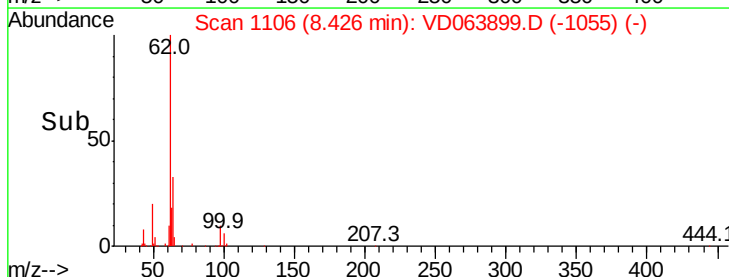
Ion Ratio Lower Upper

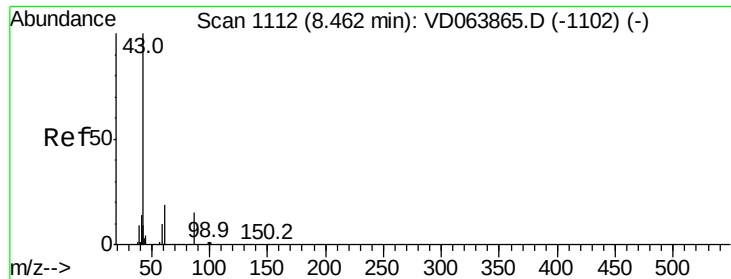
62 100

98 9.6 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VDC  
 Ion 97.90 (97.60 to 98.60): VDC

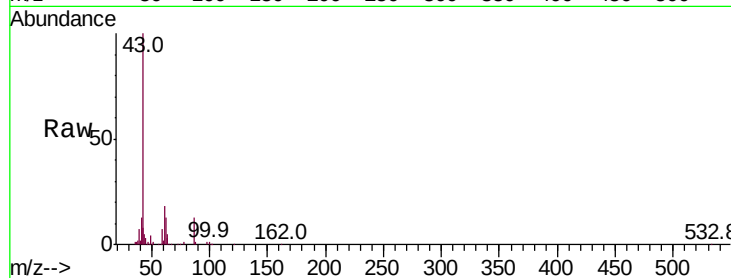




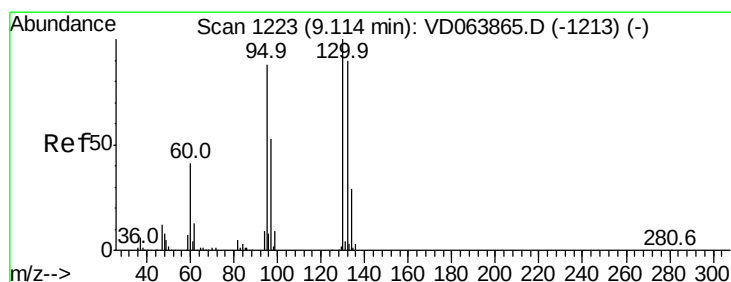
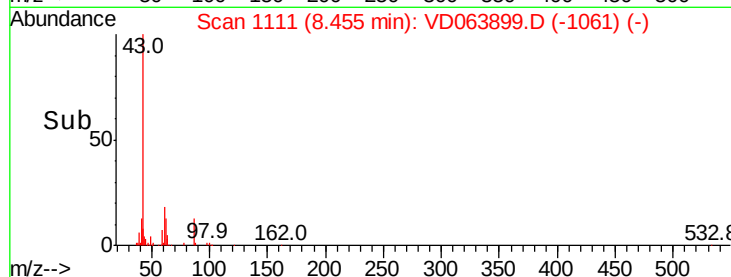
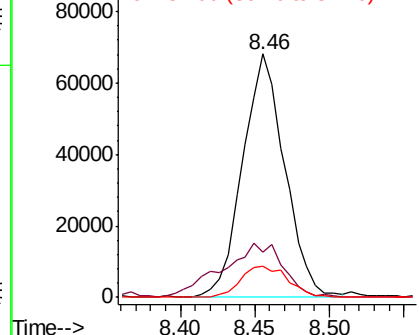
#43  
Isopropyl Acetate  
Concen: 51.826 ug/l  
RT: 8.46 min Scan# 1111  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 43 Resp: 133173  
Ion Ratio Lower Upper  
43 100  
61 32.3 25.7 38.5  
87 14.5 11.6 17.4

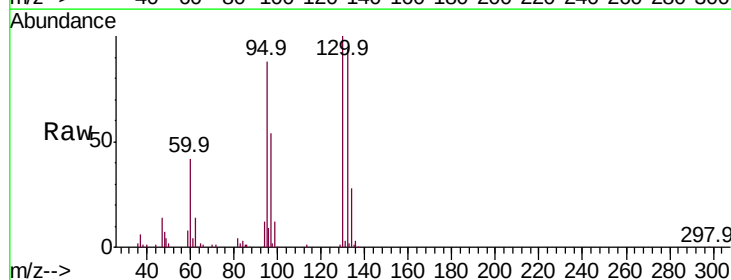


Abundance Ion 43.00 (42.70 to 43.70): VDC  
Ion 61.00 (60.70 to 61.70): VDC  
Ion 87.00 (86.70 to 87.70): VDC

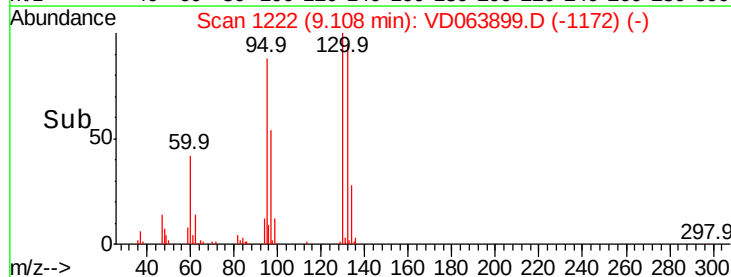
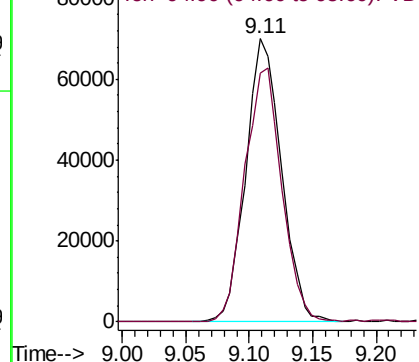


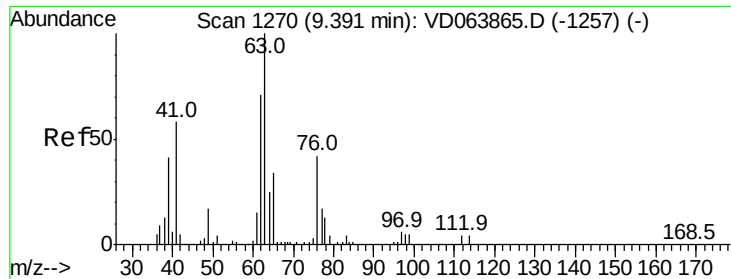
#44  
Trichloroethene  
Concen: 54.255 ug/l  
RT: 9.11 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion:130 Resp: 137373  
Ion Ratio Lower Upper  
130 100  
95 87.7 0.0 175.6



Abundance Ion 129.80 (129.50 to 130.50): VDC  
Ion 94.90 (94.60 to 95.60): VDC

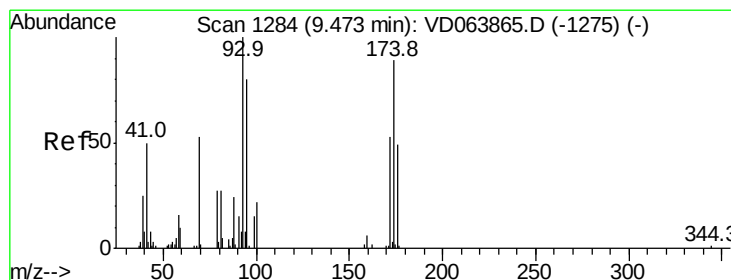
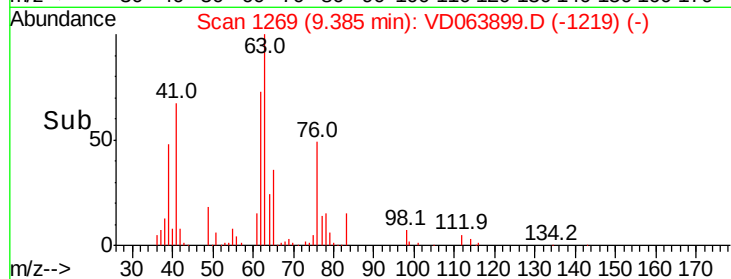
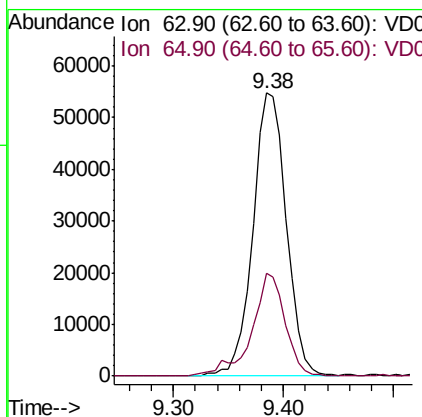
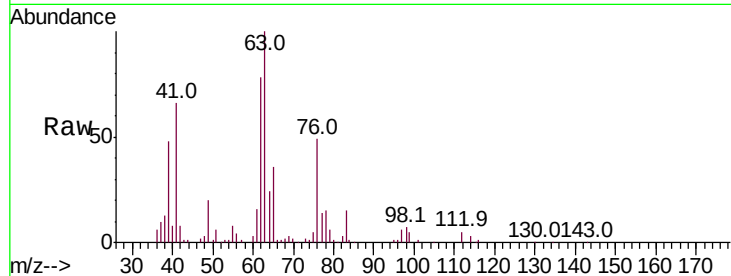




#45  
 1,2-Dichloropropane  
 Concen: 54.122 ug/l  
 RT: 9.38 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

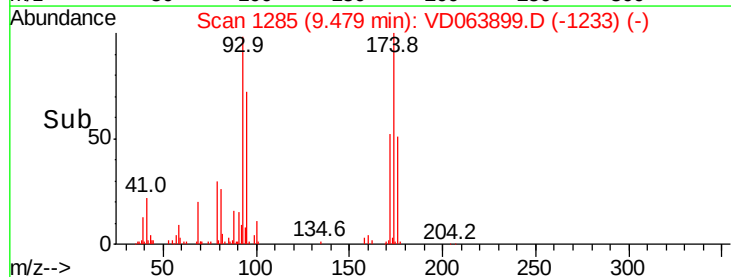
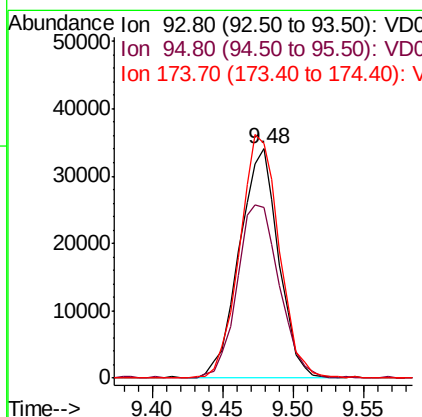
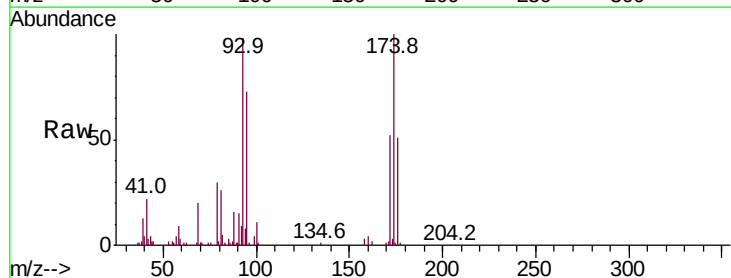
Instrument :  
 MSVOA\_D  
 ClientSampleId :

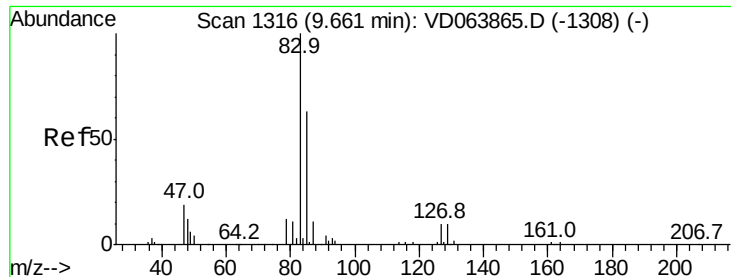
Tot Ion: 63 Resp: 116318  
 Ion Ratio Lower Upper  
 63 100  
 65 36.5 27.3 40.9



#46  
 Dibromomethane  
 Concen: 54.163 ug/l  
 RT: 9.48 min Scan# 1285  
 Delta R.T. 0.01 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

Tgt Ion: 93 Resp: 66295  
 Ion Ratio Lower Upper  
 93 100  
 95 81.0 66.0 99.0  
 174 107.2 83.4 125.0





#47

Bromodichloromethane

Concen: 54.528 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampled :

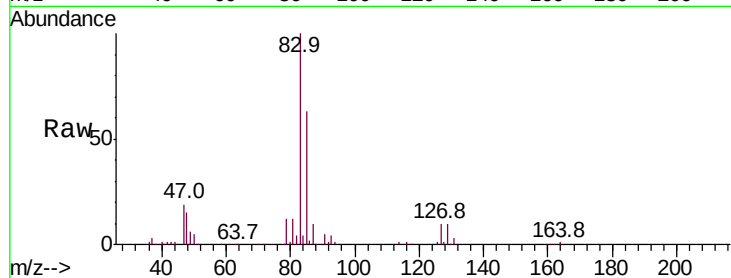
Tot Ion: 83 Resp: 171836

Ion Ratio Lower Upper

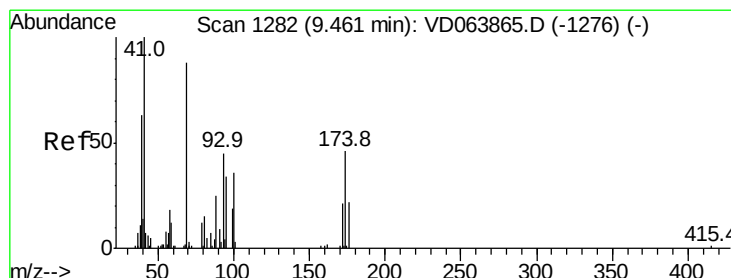
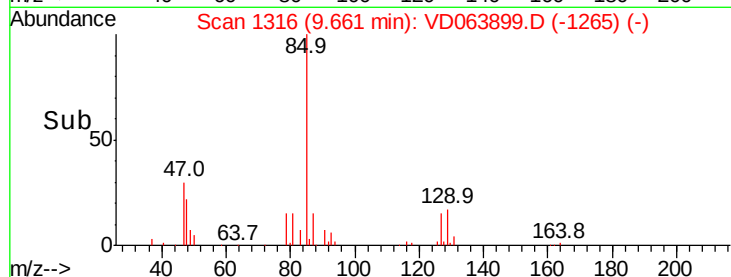
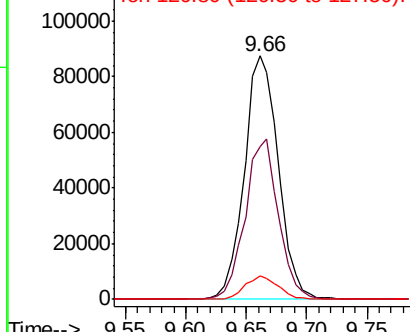
83 100

85 62.8 50.2 75.2

127 9.7 7.6 11.4



Abundance Ion 82.90 (82.60 to 83.60): VDC  
Ion 84.90 (84.60 to 85.60): VDC  
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 47.220 ug/l

RT: 9.46 min Scan# 1281

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

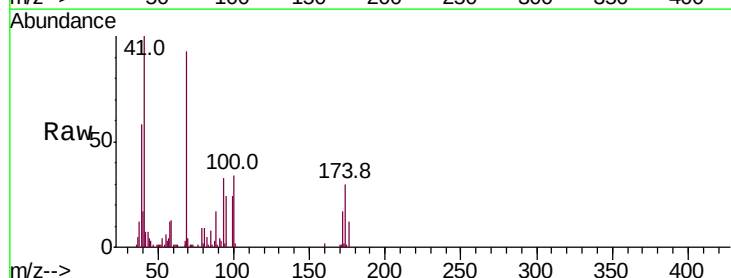
Tgt Ion: 41 Resp: 58136

Ion Ratio Lower Upper

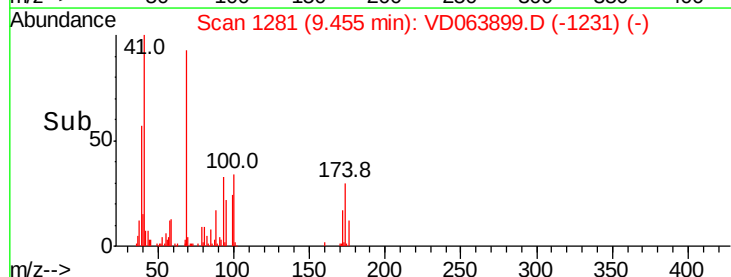
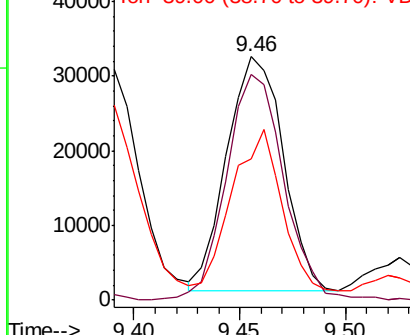
41 100

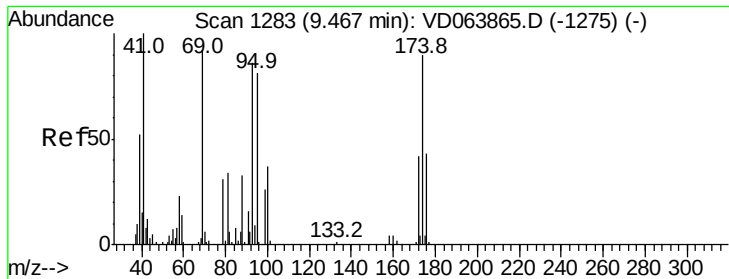
69 98.4 75.1 112.7

39 61.4 50.2 75.2



Abundance Ion 41.00 (40.70 to 41.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 39.00 (38.70 to 39.70): VDC

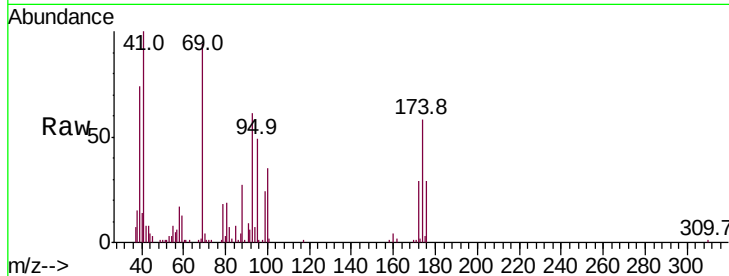




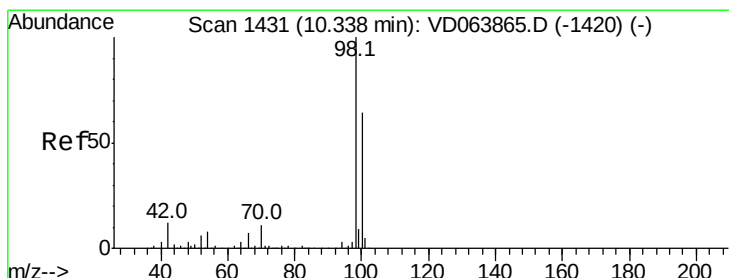
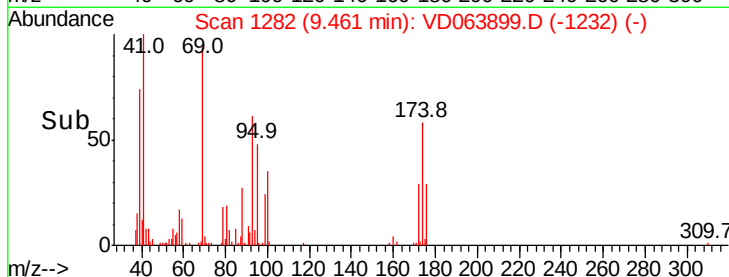
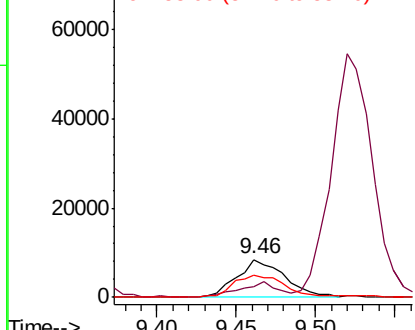
#49  
1,4-Dioxane  
Concen: 1047.742 ug/l  
RT: 9.46 min Scan# 1282  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion: 88 Resp: 17505  
Ion Ratio Lower Upper  
88 100  
43 33.3 27.6 41.4  
58 64.1 54.1 81.1

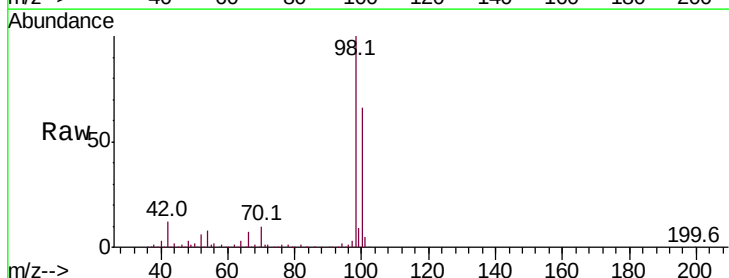


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.00 (42.70 to 43.70): VDC  
Ion 58.00 (57.70 to 58.70): VDC

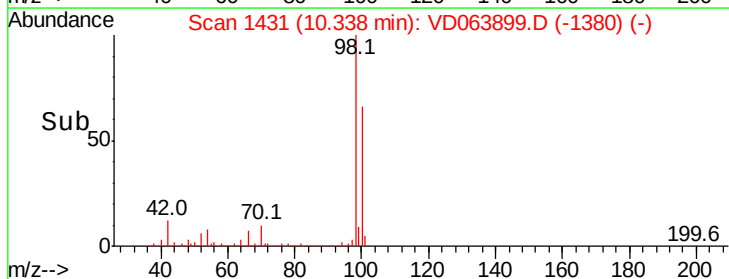
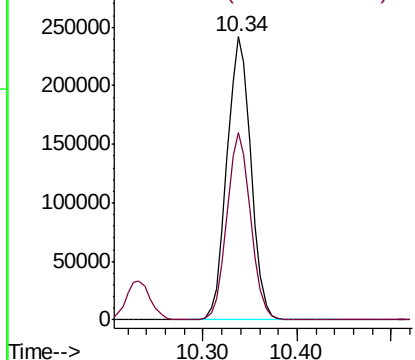


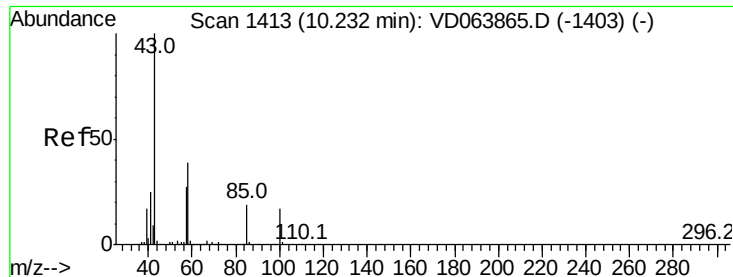
#50  
Toluene-d8  
Concen: 51.565 ug/l  
RT: 10.34 min Scan# 1431  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 98 Resp: 428633  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VDC  
Ion 100.00 (99.70 to 100.70): VDC





#51

4-Methyl-2-Pentanone

Concen: 264.497 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

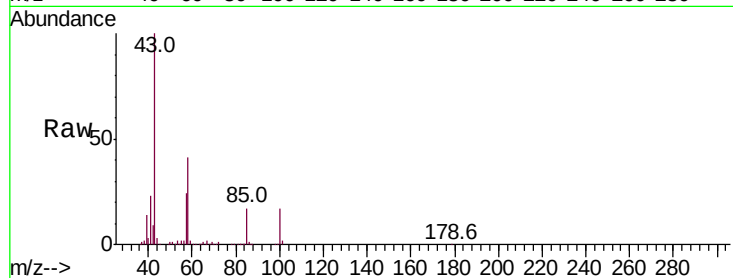
ClientSampled :

Tot Ion: 43 Resp: 352483

Ion Ratio Lower Upper

43 100

58 40.7 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

200000

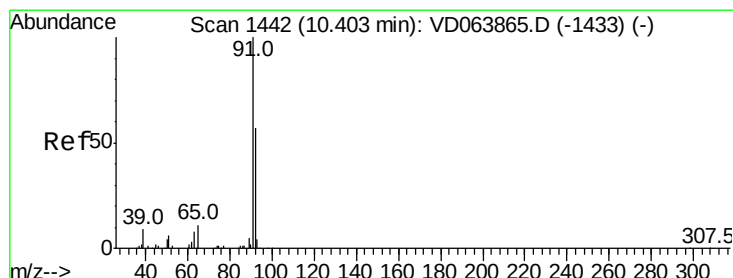
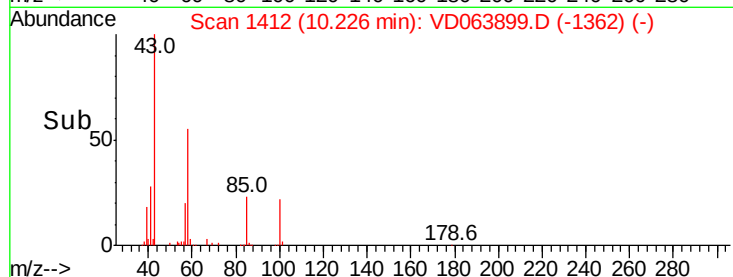
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 54.750 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD063899.D

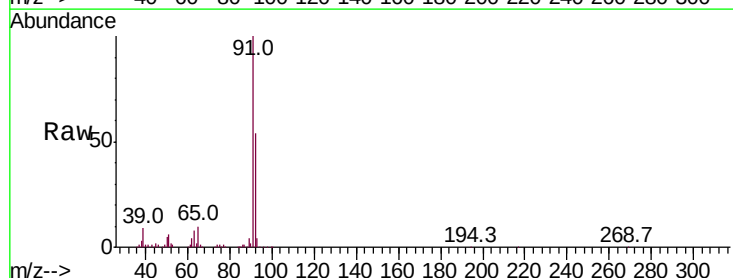
Acq: 07 Oct 2019 15:12

Tgt Ion: 92 Resp: 330017

Ion Ratio Lower Upper

92 100

91 174.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.40

400000

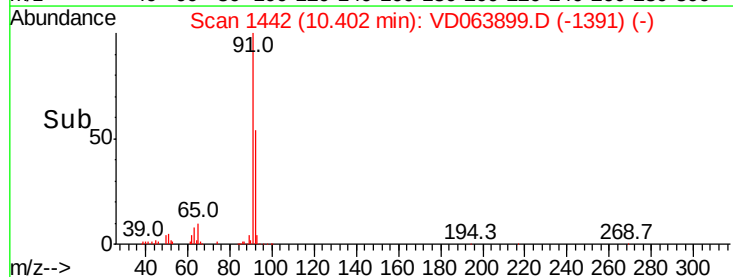
300000

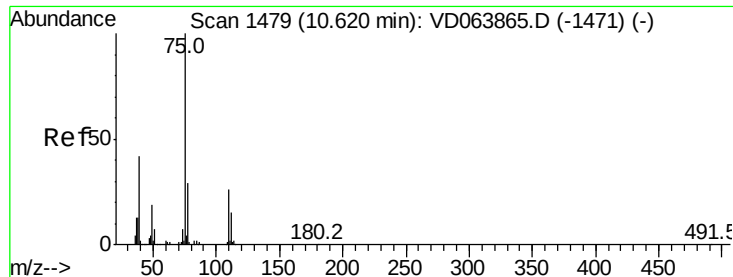
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 55.158 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

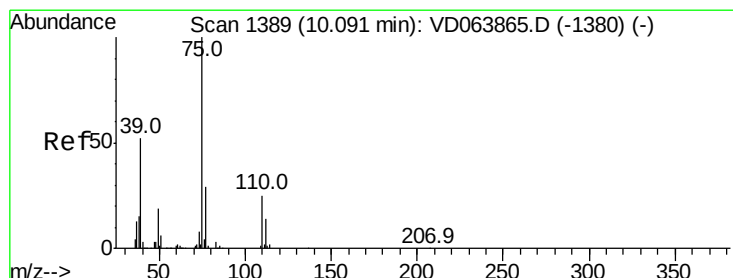
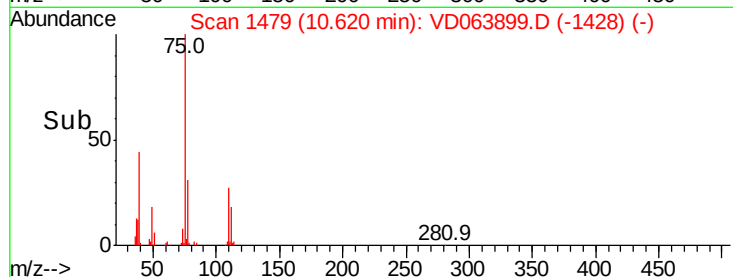
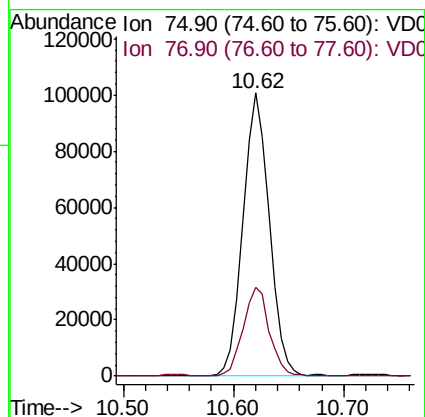
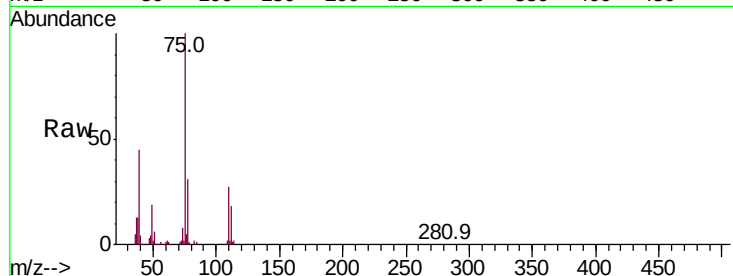
ClientSampleId :

Tot Ion: 75 Resp: 169618

Ion Ratio Lower Upper

75 100

77 31.4 22.8 34.2



#54

cis-1,3-Dichloropropene

Concen: 54.567 ug/l

RT: 10.09 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

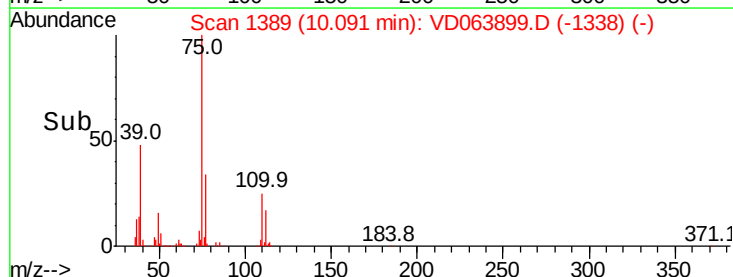
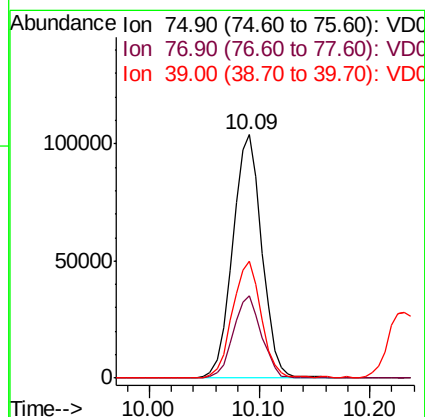
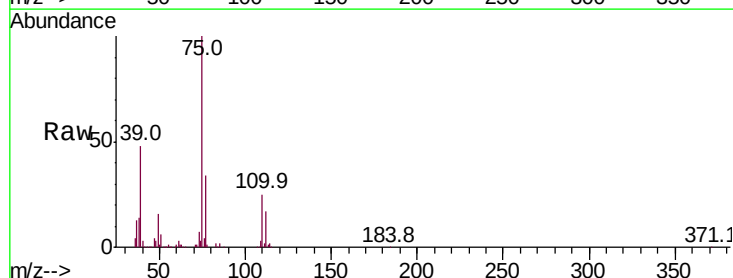
Tgt Ion: 75 Resp: 193153

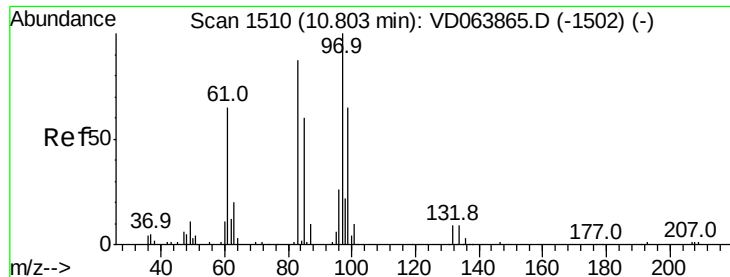
Ion Ratio Lower Upper

75 100

77 33.7 23.2 34.8

39 48.2 41.5 62.3





#55

1,1,2-Trichloroethane

Concen: 55.798 ug/l

RT: 10.80 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

Tot Ion: 97 Resp: 96431

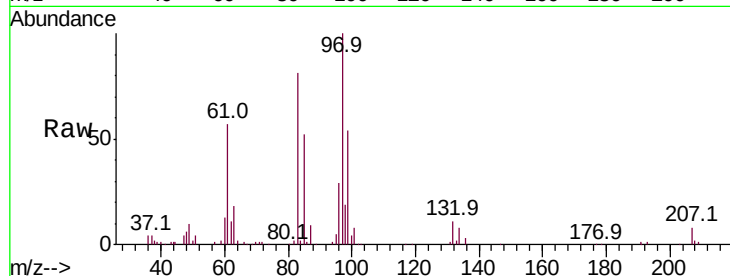
Ion Ratio Lower Upper

97 100

83 81.1 69.7 104.5

85 51.7 48.1 72.1

99 54.1 51.9 77.9

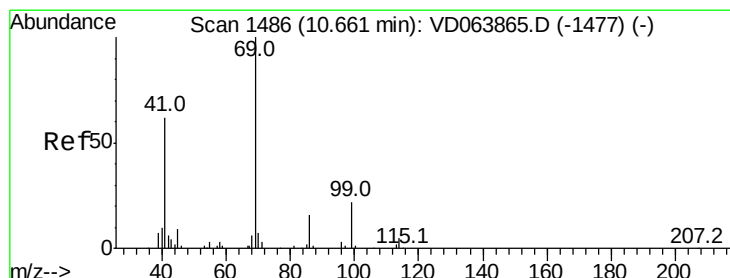
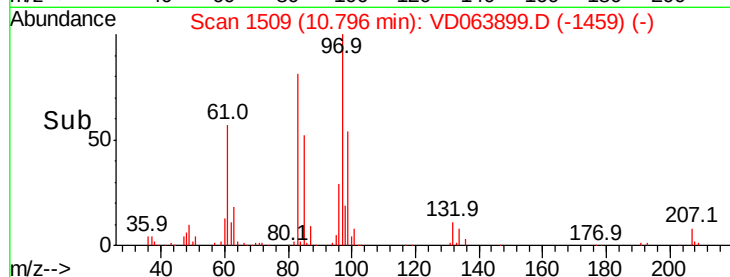
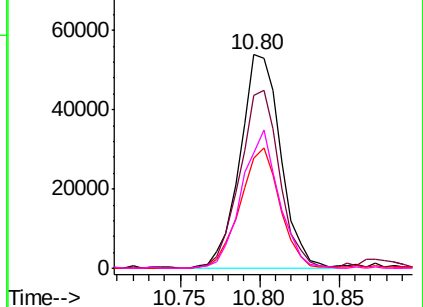


Abundance Ion 96.90 (96.60 to 97.60): VDC

Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 98.90 (98.60 to 99.60): VDC



#56

Ethyl methacrylate

Concen: 54.853 ug/l

RT: 10.66 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

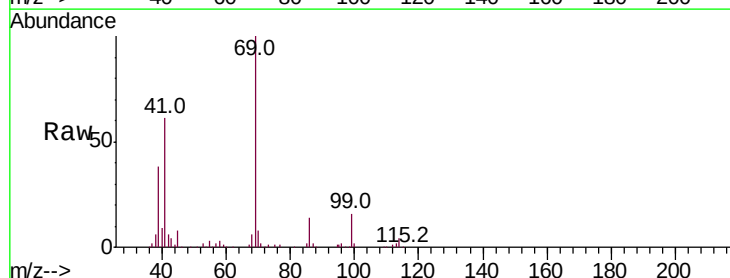
Tgt Ion: 69 Resp: 120048

Ion Ratio Lower Upper

69 100

41 63.1 51.3 76.9

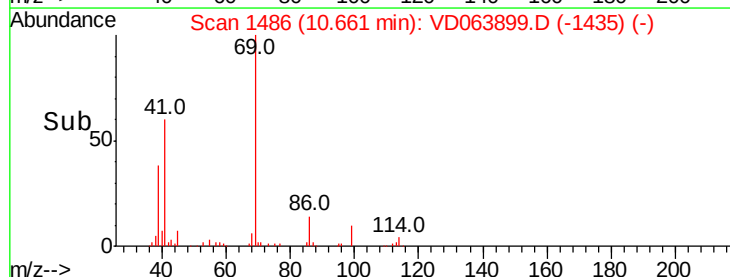
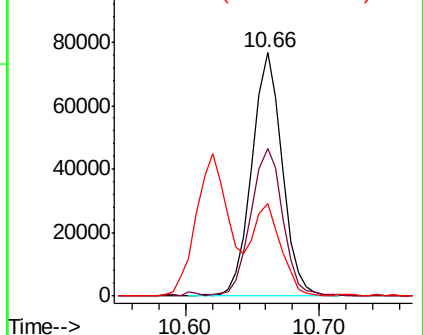
39 34.3 28.0 42.0



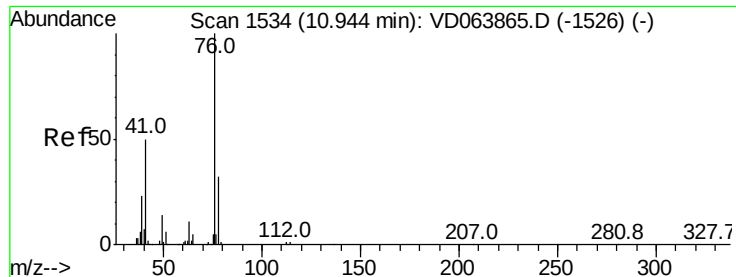
Abundance Ion 69.00 (68.70 to 69.70): VDC

Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC







#57

1,3-Dichloropropane

Concen: 53.997 ug/l

RT: 10.94 min Scan# 1534

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

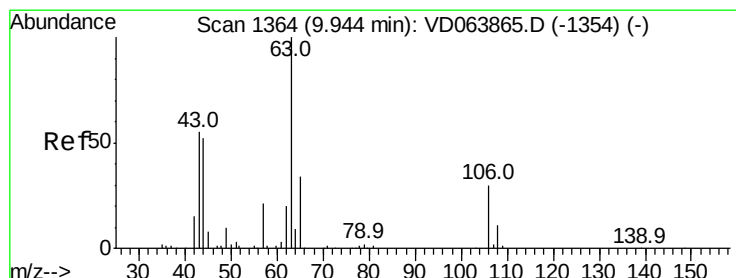
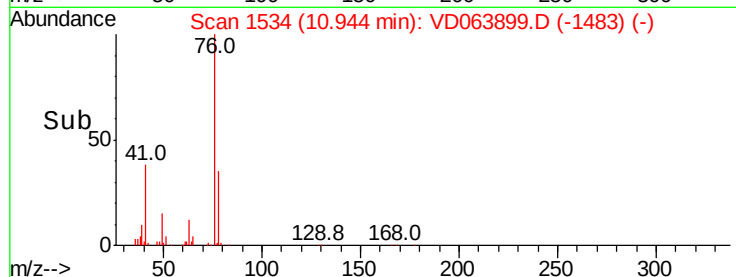
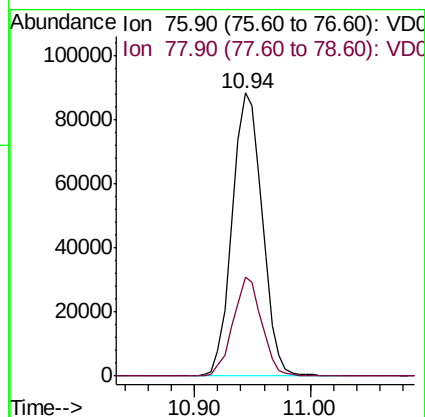
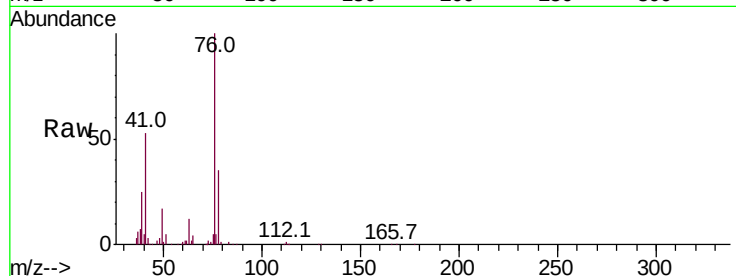
ClientSampleId :

Tot Ion: 76 Resp: 159665

Ion Ratio Lower Upper

76 100

78 33.2 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 218.526 ug/l

RT: 9.94 min Scan# 1364

Delta R.T. -0.00 min

Lab File: VD063899.D

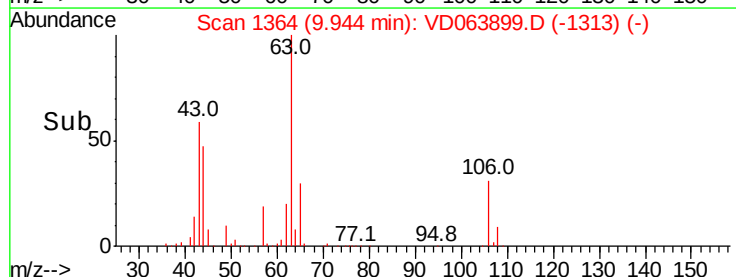
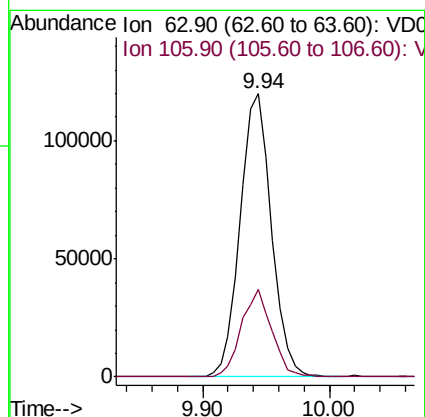
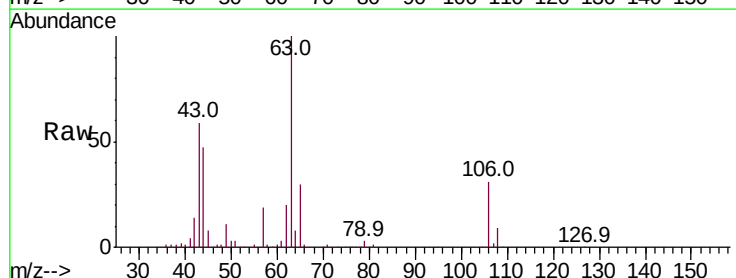
Acq: 07 Oct 2019 15:12

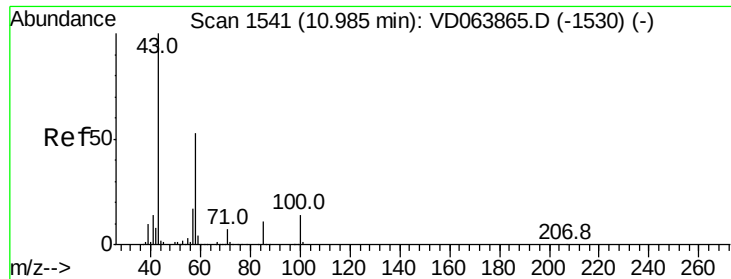
Tgt Ion: 63 Resp: 205571

Ion Ratio Lower Upper

63 100

106 29.9 24.3 36.5

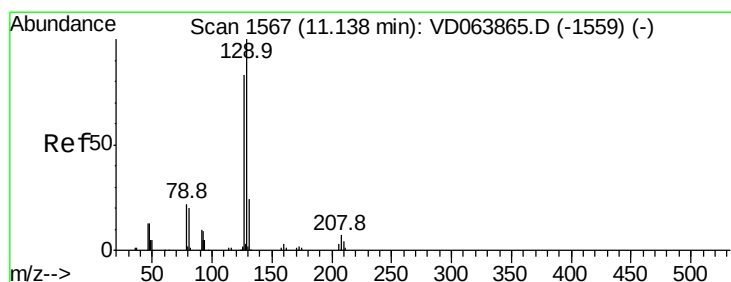
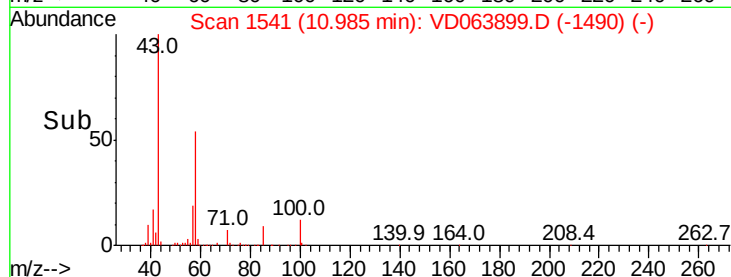
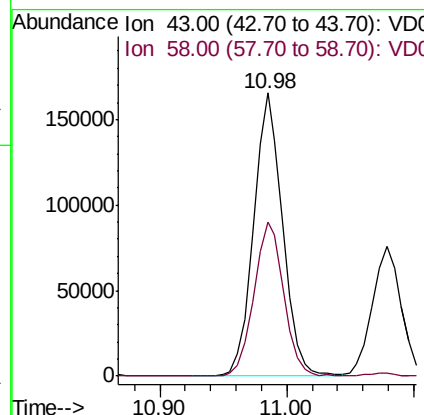
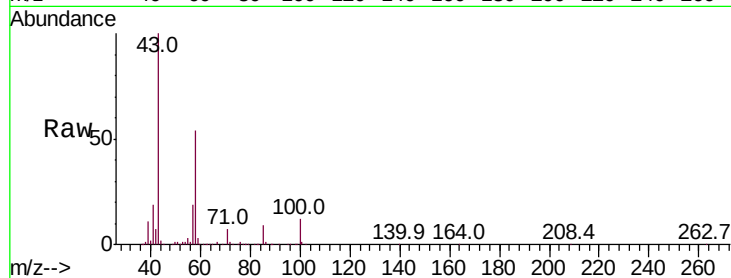




#59  
2-Hexanone  
Concen: 272.448 ug/l  
RT: 10.98 min Scan# 1541  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

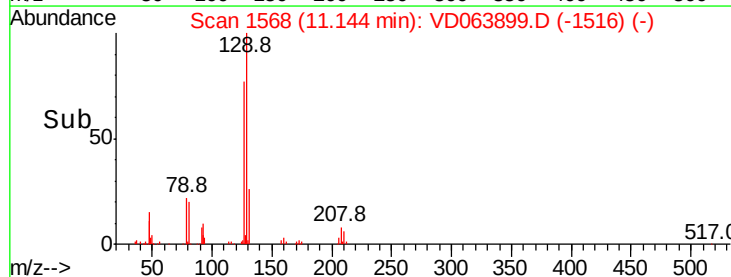
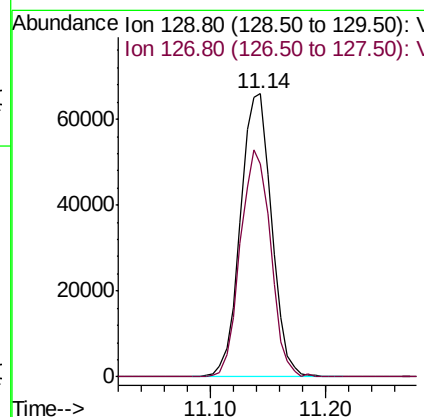
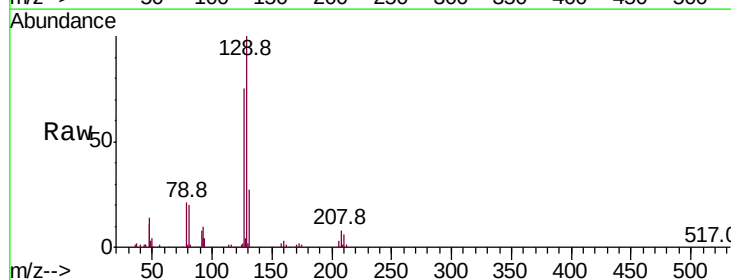
Instrument :  
MSVOA\_D  
ClientSampled :

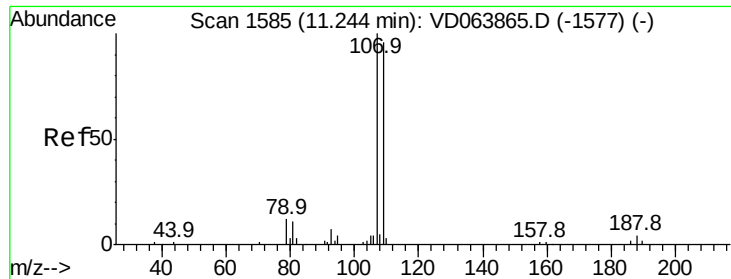
Tot Ion: 43 Resp: 262641  
Ion Ratio Lower Upper  
43 100  
58 55.9 27.7 83.0



#60  
Dibromochloromethane  
Concen: 54.734 ug/l  
RT: 11.14 min Scan# 1568  
Delta R.T. 0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion:129 Resp: 123149  
Ion Ratio Lower Upper  
129 100  
127 77.9 39.9 119.6





#61

1,2-Dibromoethane

Concen: 54.998 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

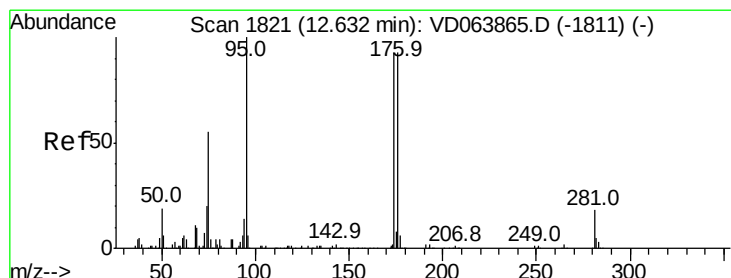
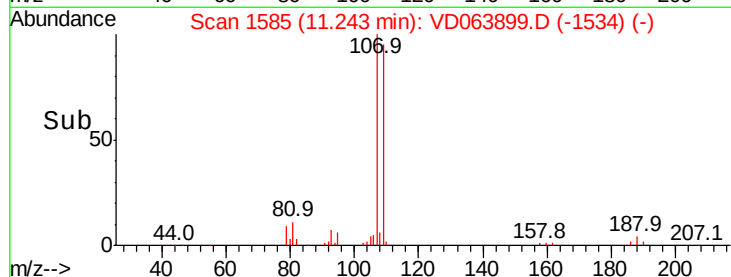
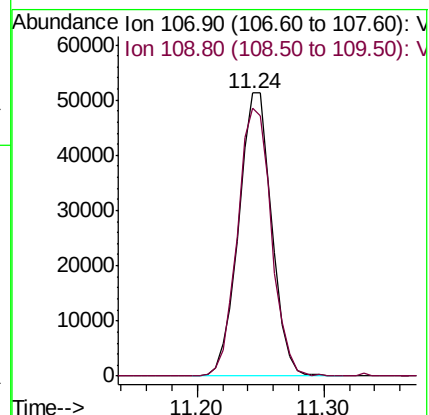
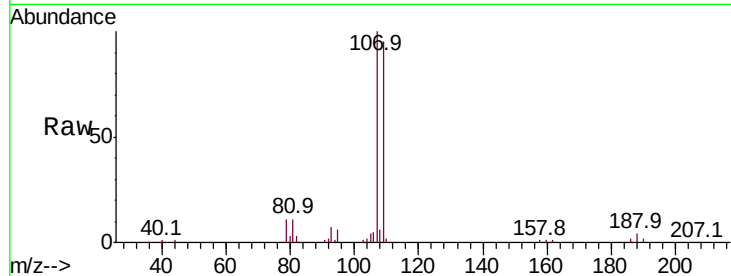
ClientSampled :

Tot Ion:107 Resp: 92146

Ion Ratio Lower Upper

107 100

109 97.2 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 49.108 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

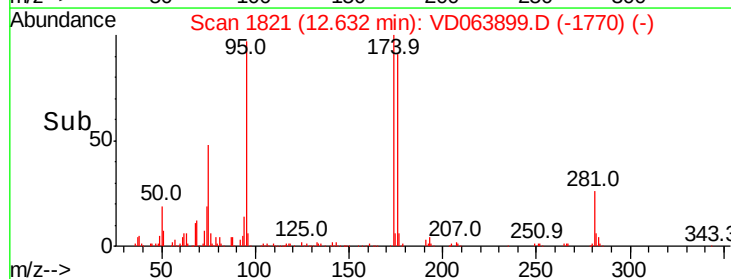
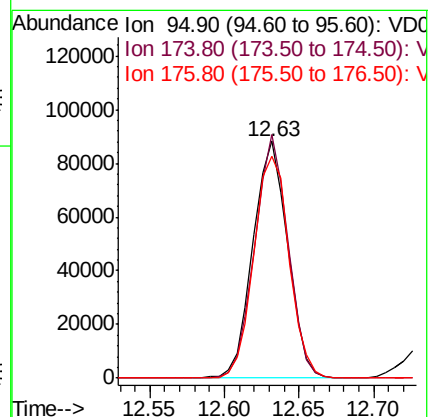
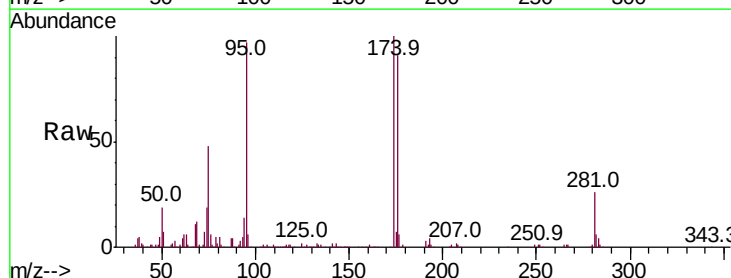
Tgt Ion: 95 Resp: 141853

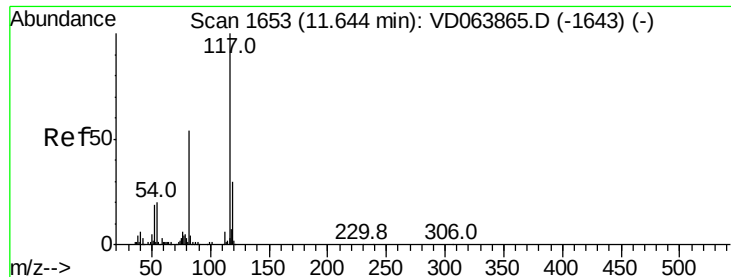
Ion Ratio Lower Upper

95 100

174 98.3 0.0 186.4

176 94.9 0.0 184.2

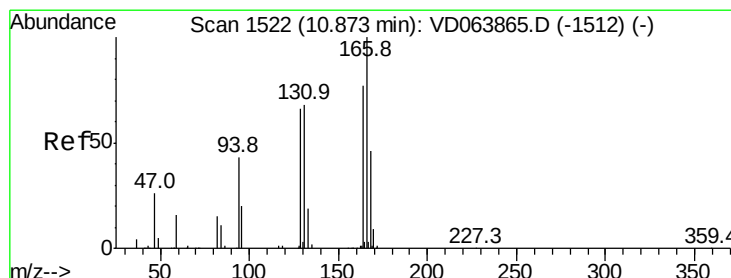
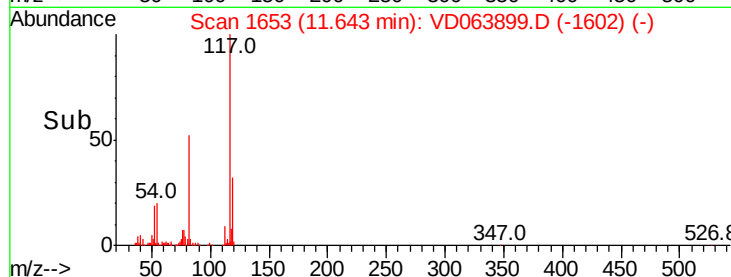
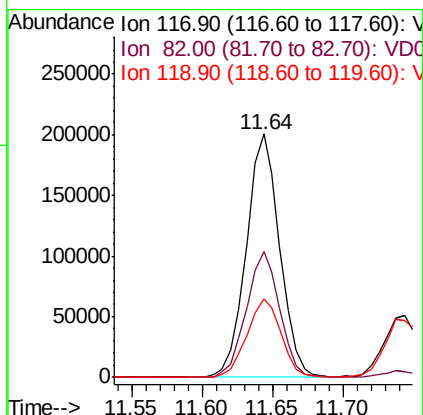
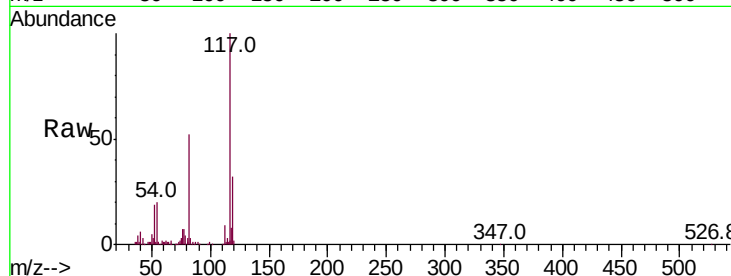




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.64 min Scan# 1653  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

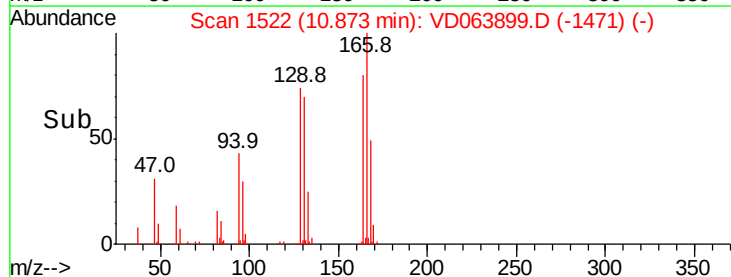
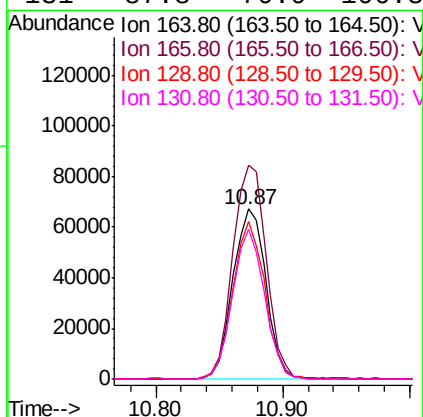
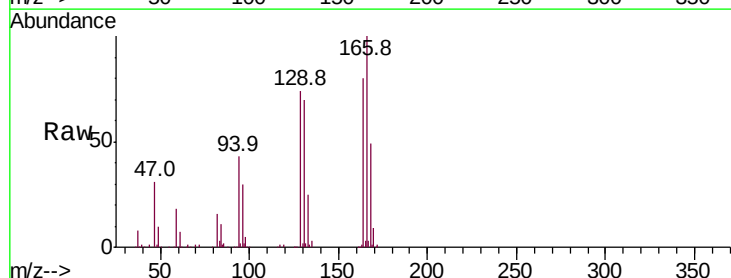
Instrument :  
MSVOA\_D  
ClientSampled :

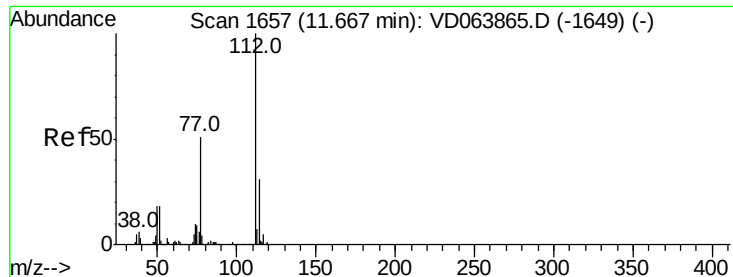
Tot Ion:117 Resp: 331988  
Ion Ratio Lower Upper  
117 100  
82 51.5 42.8 64.2  
119 32.3 24.4 36.6



#64  
Tetrachloroethene  
Concen: 53.586 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion:164 Resp: 121447  
Ion Ratio Lower Upper  
164 100  
166 125.6 103.8 155.6  
129 92.4 68.9 103.3  
131 87.8 70.9 106.3





#65

Chlorobenzene

Concen: 55.503 ug/l

RT: 11.67 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

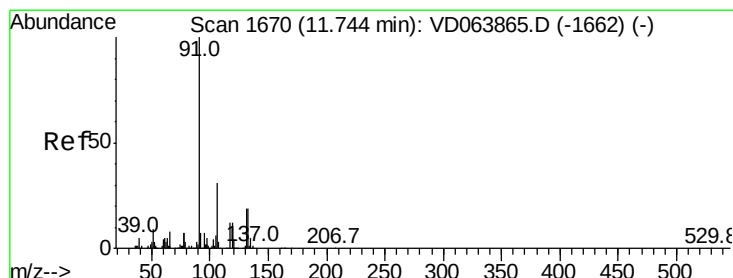
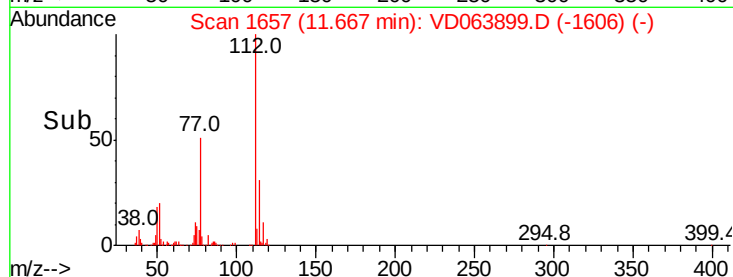
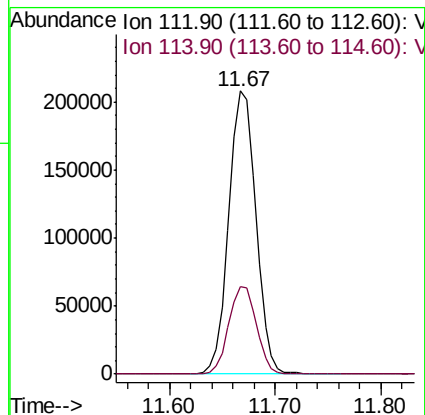
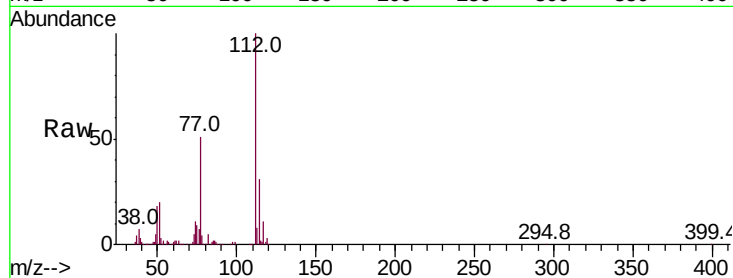
ClientSampleId :

Tot Ion:112 Resp: 370049

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.007 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

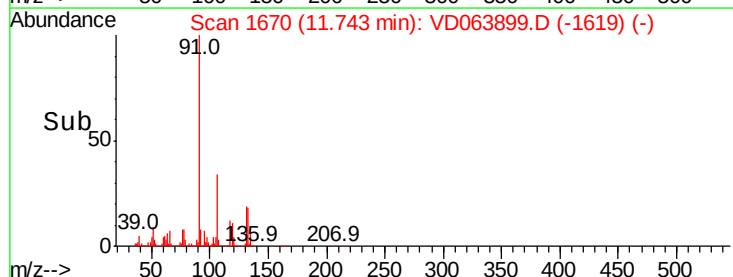
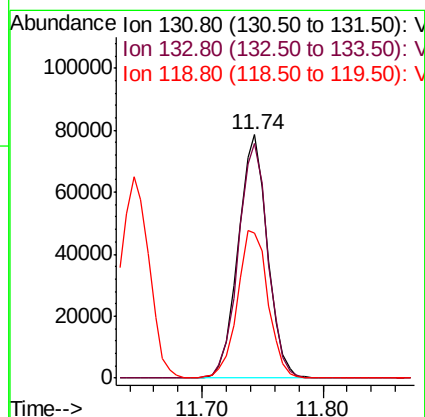
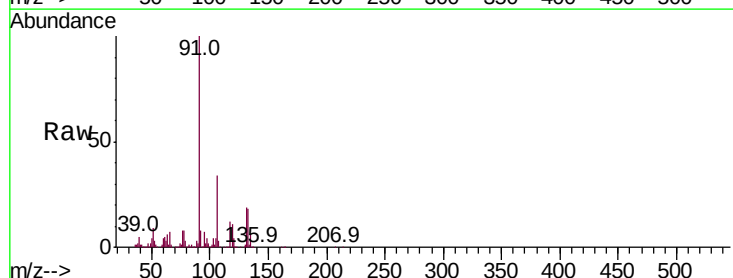
Tgt Ion:131 Resp: 132680

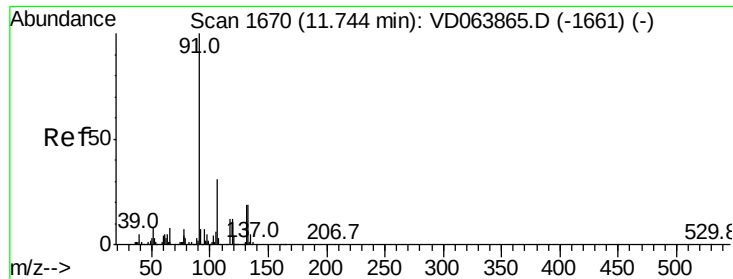
Ion Ratio Lower Upper

131 100

133 97.5 48.9 146.7

119 63.7 32.6 97.8





#67

Ethyl Benzene

Concen: 55.071 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

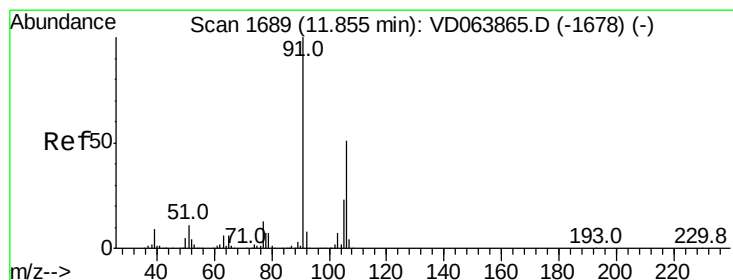
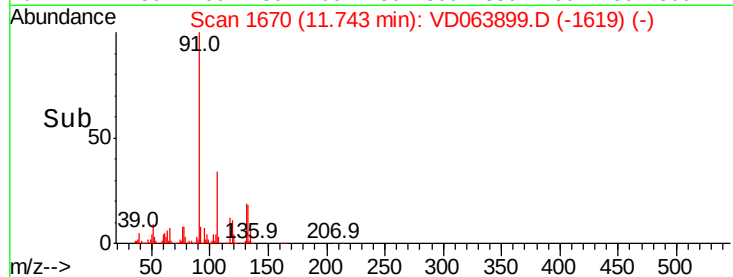
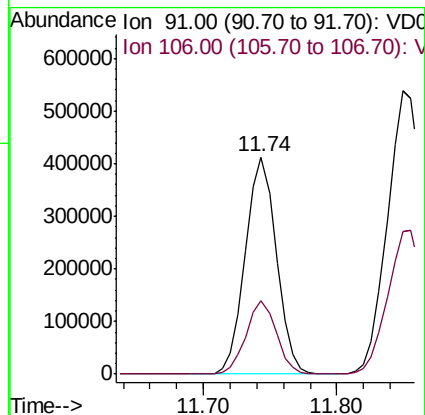
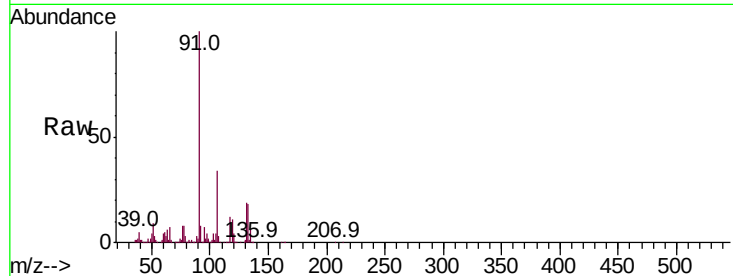
ClientSampleId :

Tot Ion: 91 Resp: 662072

Ion Ratio Lower Upper

91 100

106 33.9 24.6 37.0



#68

m/p-Xylenes

Concen: 112.359 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD063899.D

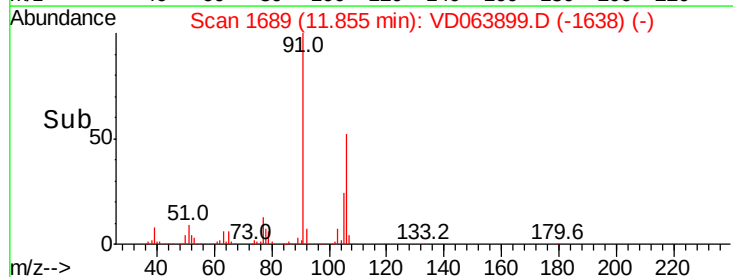
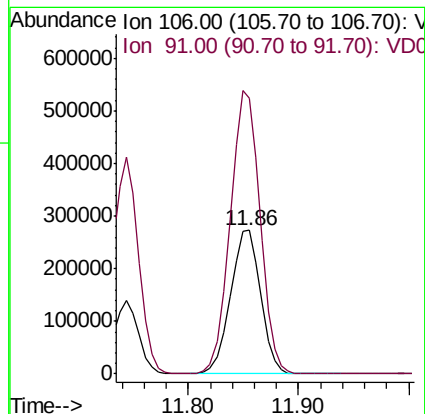
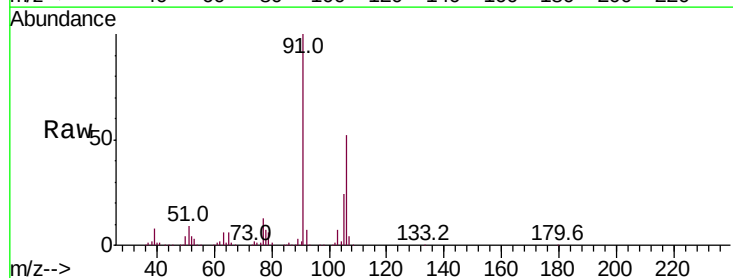
Acq: 07 Oct 2019 15:12

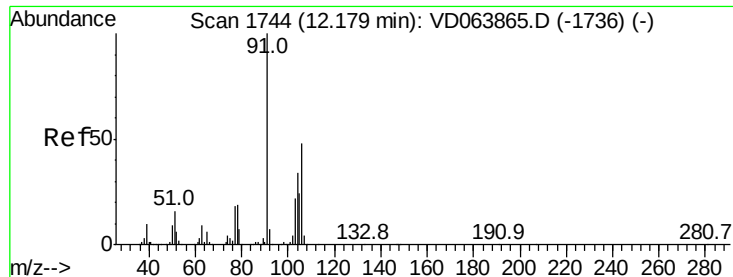
Tgt Ion: 106 Resp: 521383

Ion Ratio Lower Upper

106 100

91 195.8 154.8 232.2

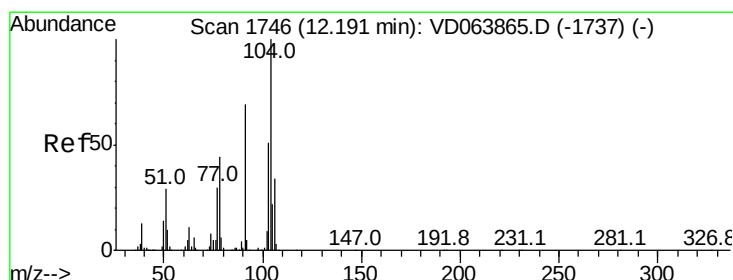
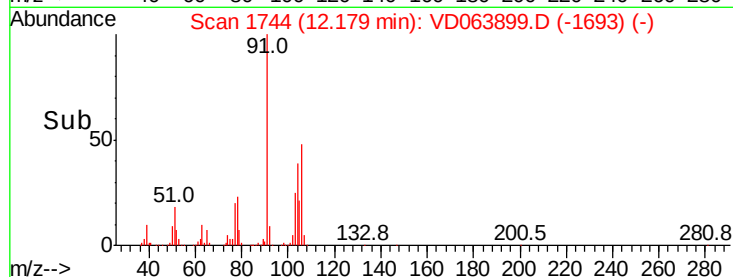
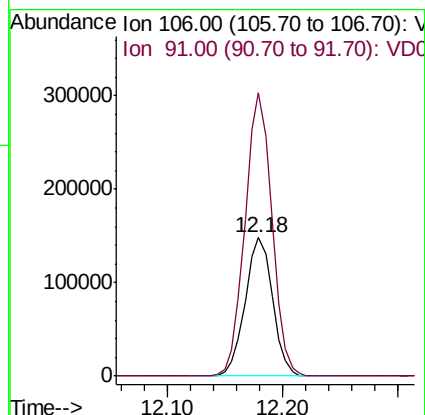
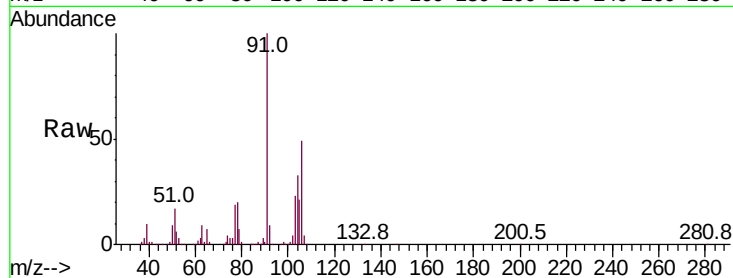




#69  
o-Xylene  
Concen: 55.092 ug/l  
RT: 12.18 min Scan# 1744  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

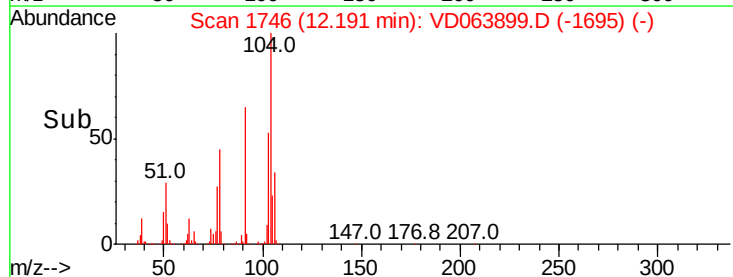
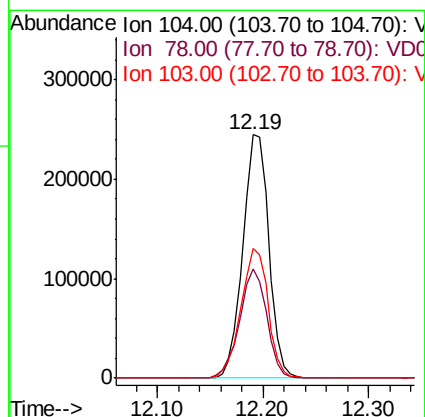
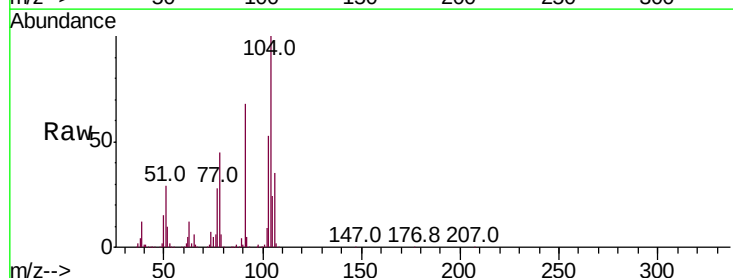
Instrument :  
MSVOA\_D  
ClientSampled :

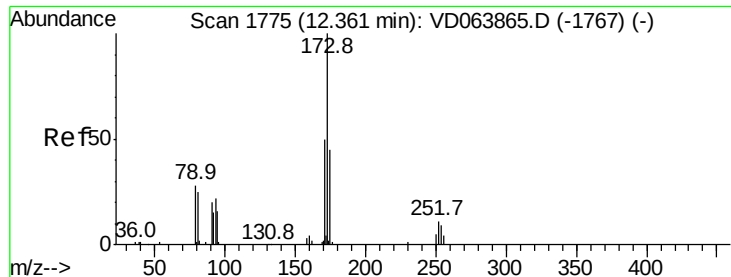
Tot Ion:106 Resp: 244792  
Ion Ratio Lower Upper  
106 100  
91 201.6 103.9 311.7



#70  
Styrene  
Concen: 55.659 ug/l  
RT: 12.19 min Scan# 1746  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion:104 Resp: 418665  
Ion Ratio Lower Upper  
104 100  
78 46.7 37.0 55.4  
103 55.6 44.2 66.4





#71

Bromoform

Concen: 57.945 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampled :

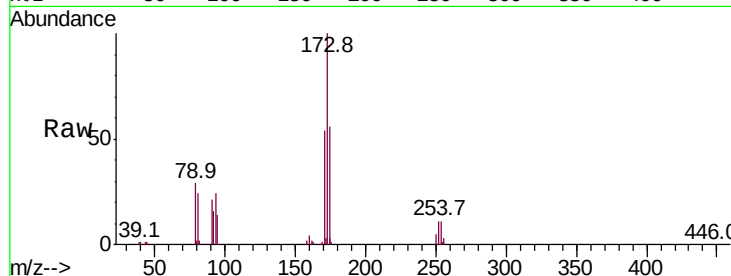
Tot Ion:173 Resp: 76398

Ion Ratio Lower Upper

173 100

175 52.1 24.6 74.0

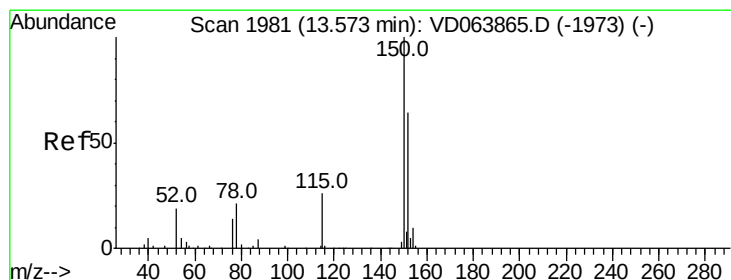
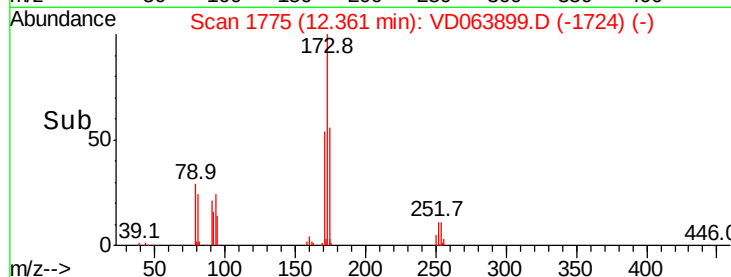
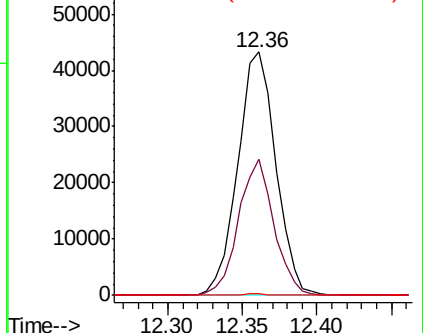
254 0.4 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

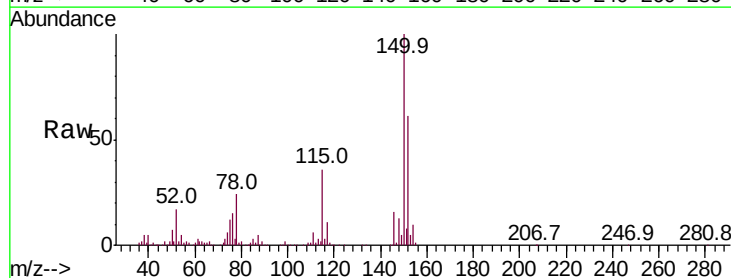
Tgt Ion:152 Resp: 180770

Ion Ratio Lower Upper

152 100

115 54.9 25.9 77.7

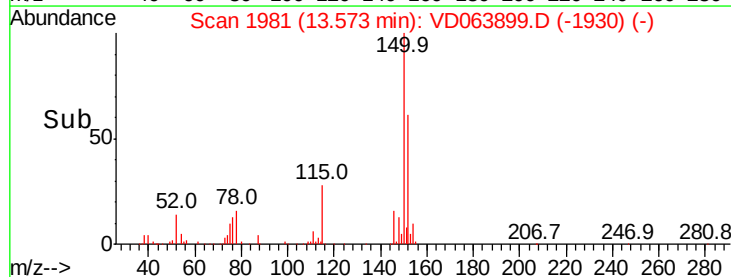
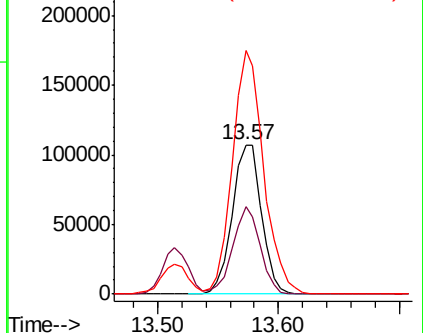
150 173.8 0.0 344.2



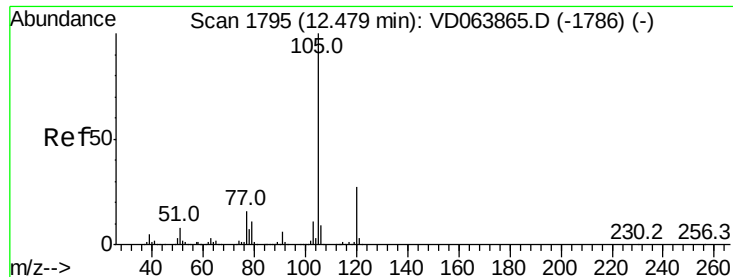
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 54.075 ug/l

RT: 12.48 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

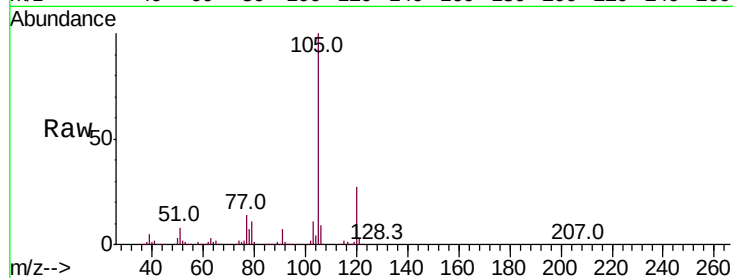
ClientSampleId :

Tot Ion:105 Resp: 657128

Ion Ratio Lower Upper

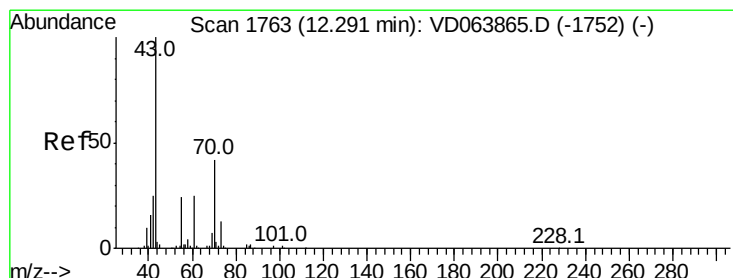
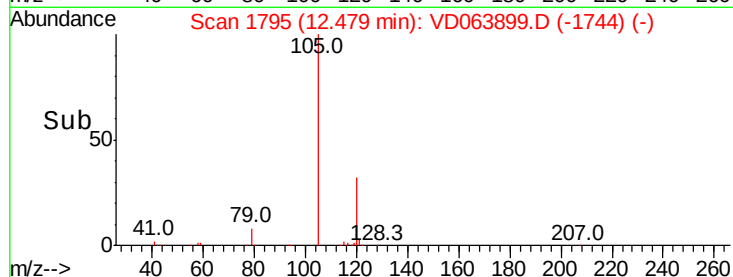
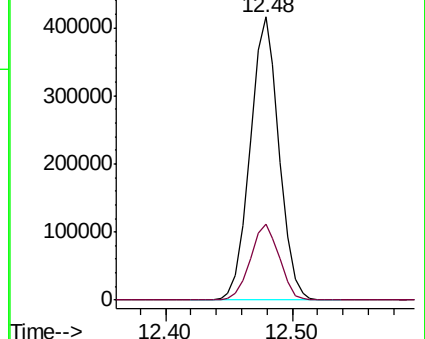
105 100

120 27.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.614 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Tgt Ion: 43 Resp: 135042

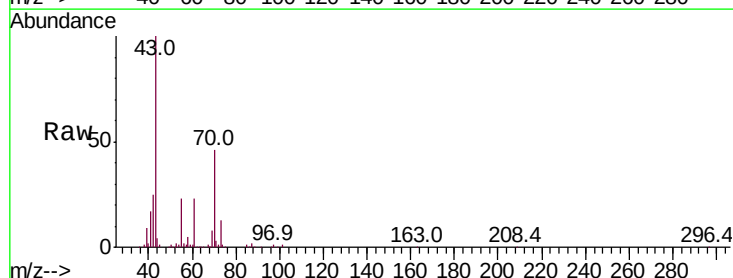
Ion Ratio Lower Upper

43 100

70 46.6 35.8 53.6

55 24.8 19.4 29.0

61 24.7 20.4 30.6

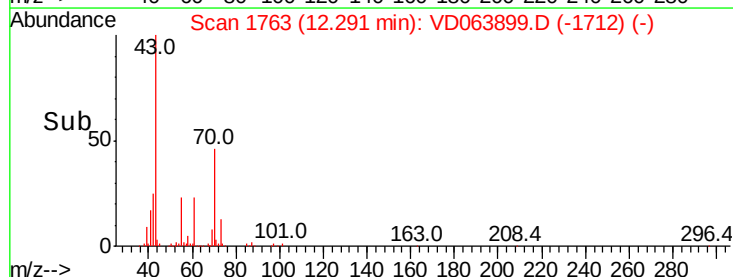
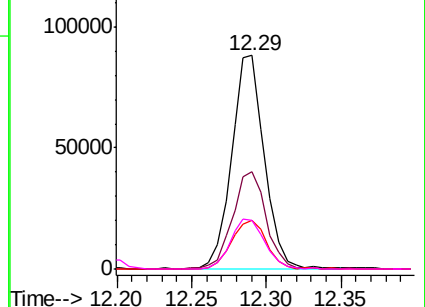


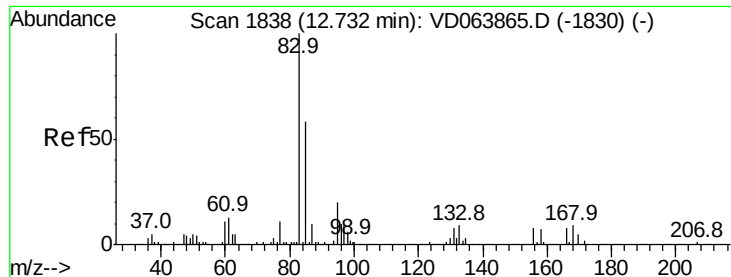
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.109 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

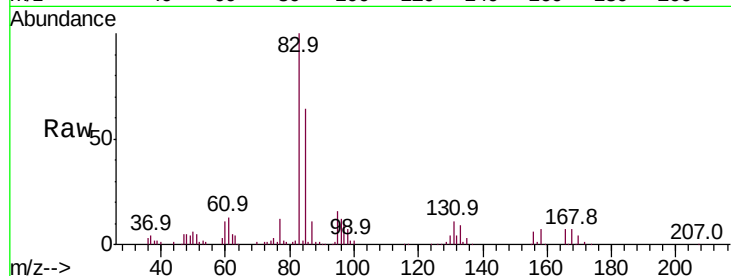
Tot Ion: 83 Resp: 110192

Ion Ratio Lower Upper

83 100

131 11.5 5.6 16.8

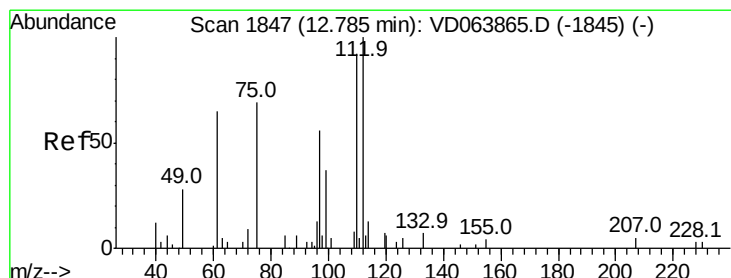
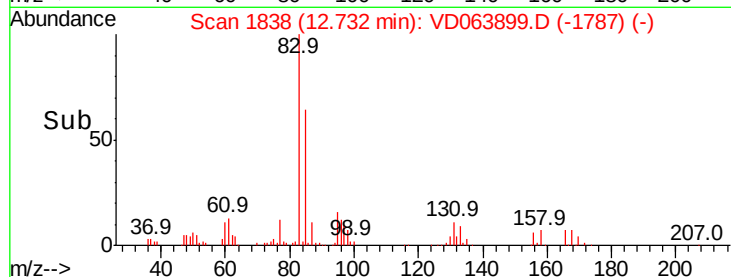
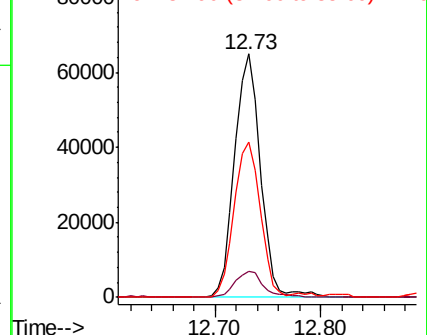
85 64.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 119.078 ug/l

RT: 12.78 min Scan# 1846

Delta R.T. -0.01 min

Lab File: VD063899.D

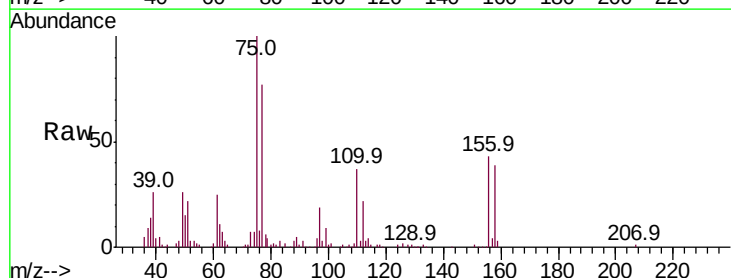
Acq: 07 Oct 2019 15:12

Tgt Ion: 75 Resp: 144173

Ion Ratio Lower Upper

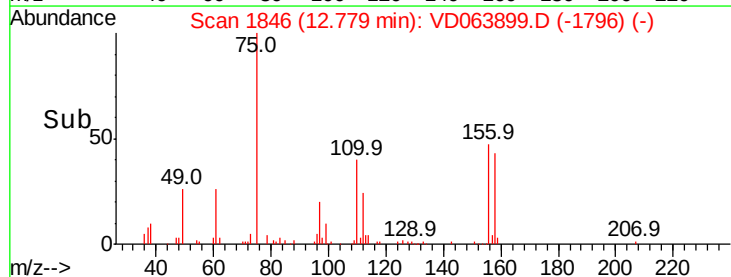
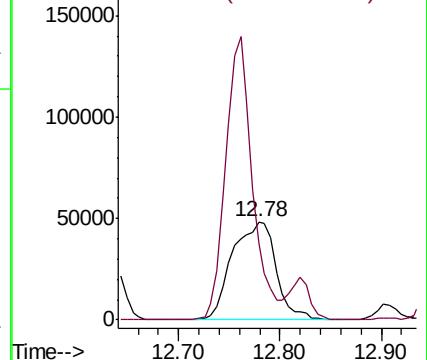
75 100

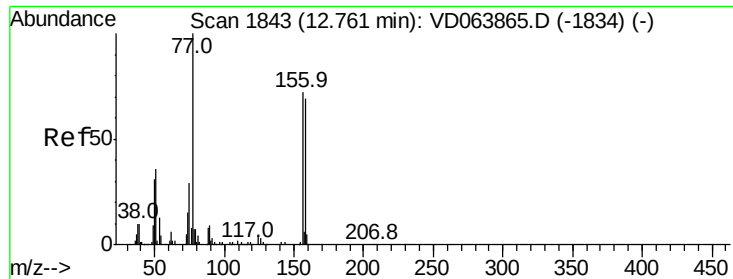
77 176.6 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 54.208 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

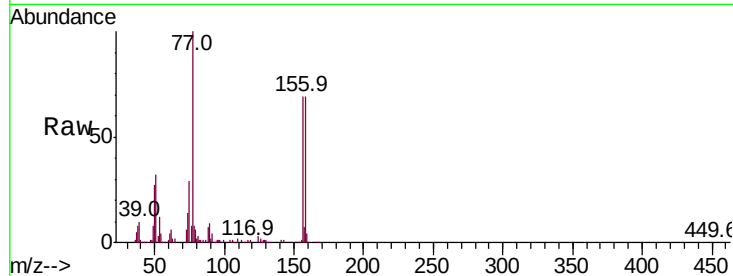
Tot Ion:156 Resp: 164124

Ion Ratio Lower Upper

156 100

77 155.1 80.3 241.0

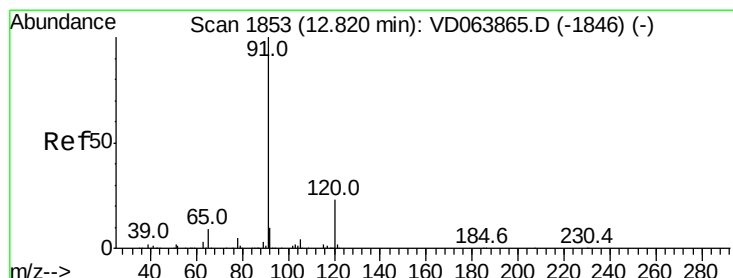
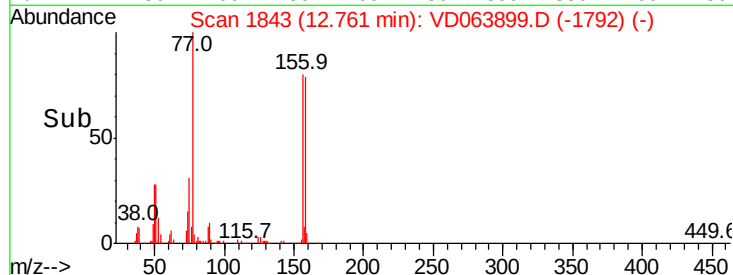
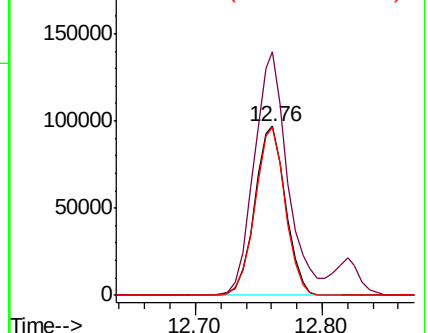
158 97.2 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.835 ug/l

RT: 12.82 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VD063899.D

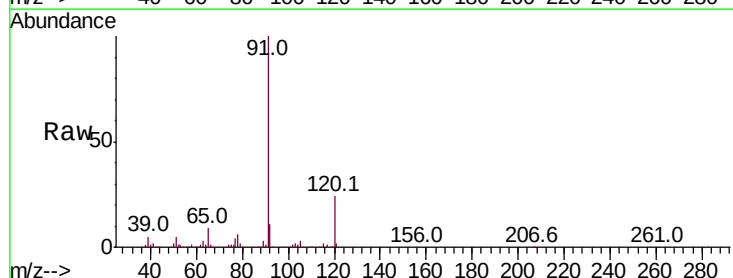
Acq: 07 Oct 2019 15:12

Tgt Ion: 91 Resp: 782171

Ion Ratio Lower Upper

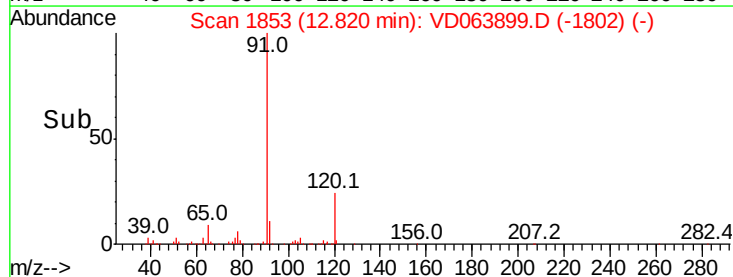
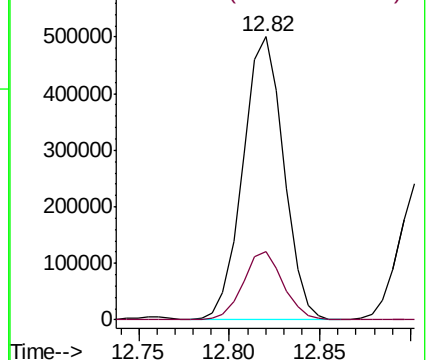
91 100

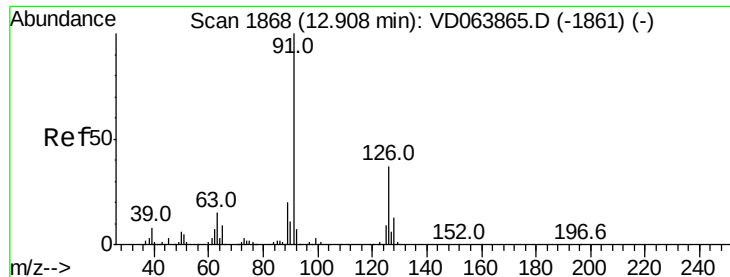
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

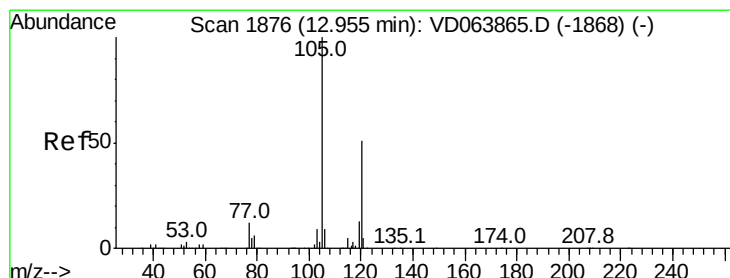
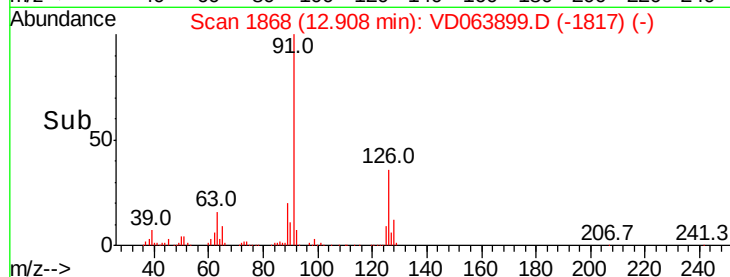
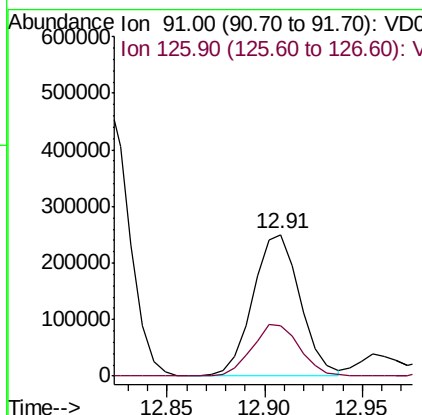
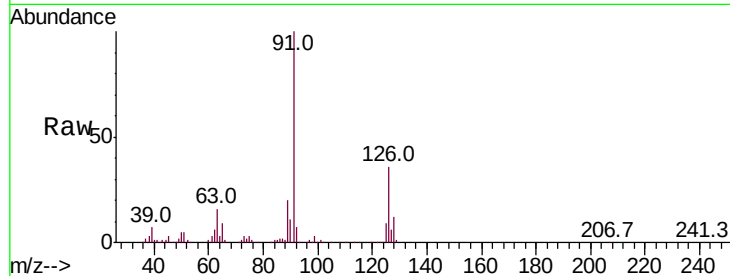




#79  
 2-Chlorotoluene  
 Concen: 53.322 ug/l  
 RT: 12.91 min Scan# 1868  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

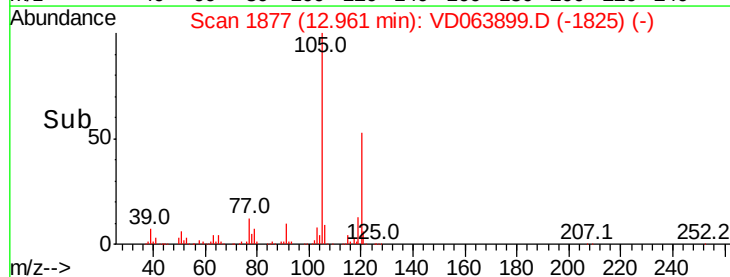
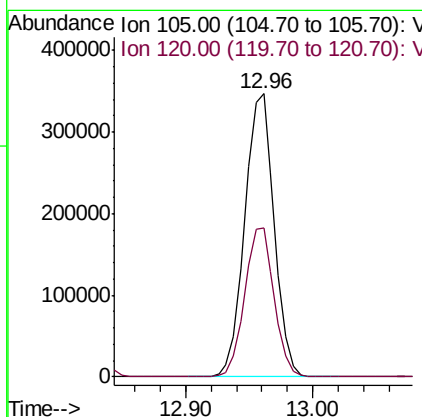
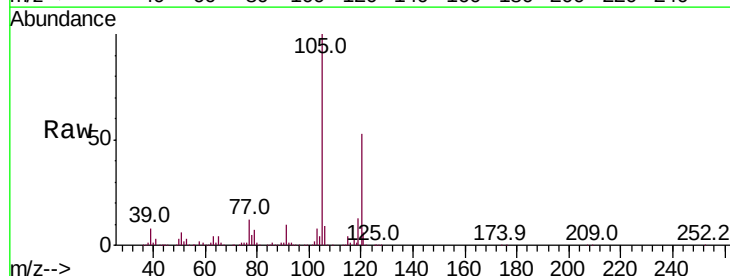
Instrument :  
 MSVOA\_D  
 ClientSampleId :

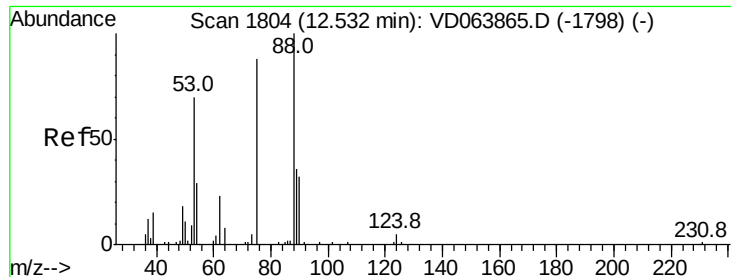
Tot Ion: 91 Resp: 419387  
 Ion Ratio Lower Upper  
 91 100  
 126 37.1 18.4 55.2



#80  
 1,3,5-Trimethylbenzene  
 Concen: 55.143 ug/l  
 RT: 12.96 min Scan# 1877  
 Delta R.T. 0.01 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

Tgt Ion:105 Resp: 559059  
 Ion Ratio Lower Upper  
 105 100  
 120 52.6 25.9 77.8





#81

trans-1,4-Dichloro-2-butene

Concen: 53.004 ug/l

RT: 12.53 min Scan# 1803

Delta R.T. -0.01 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

ClientSampleId :

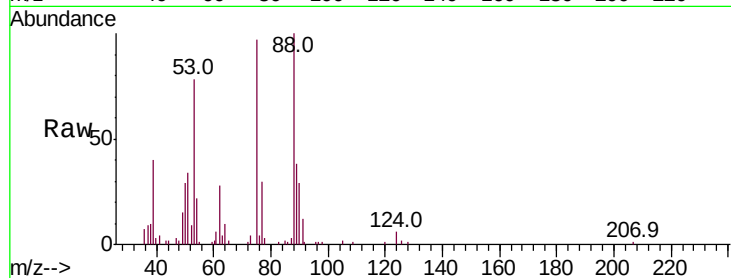
Tot Ion: 75 Resp: 36265

Ion Ratio Lower Upper

75 100

53 97.7 75.0 112.6

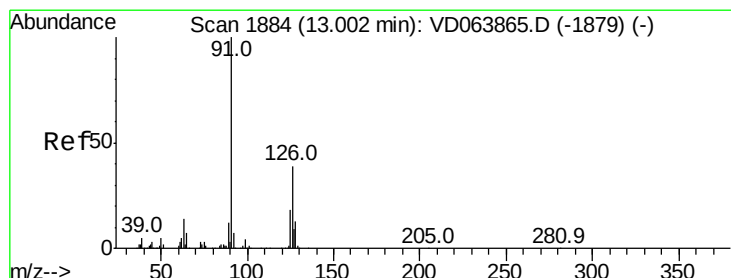
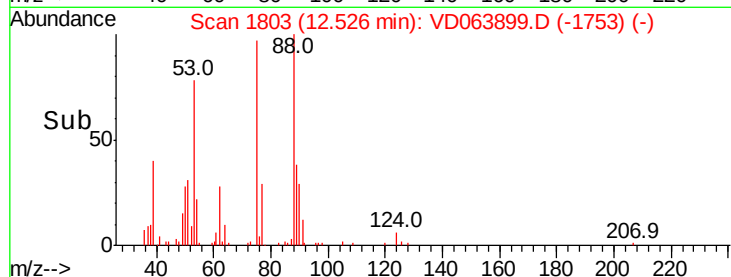
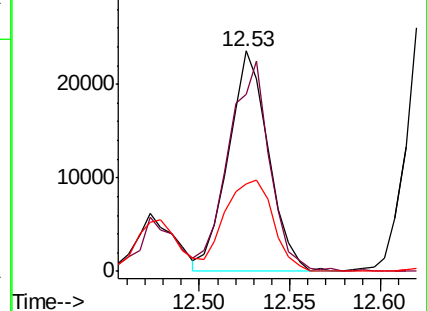
89 49.2 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 53.164 ug/l

RT: 13.00 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VD063899.D

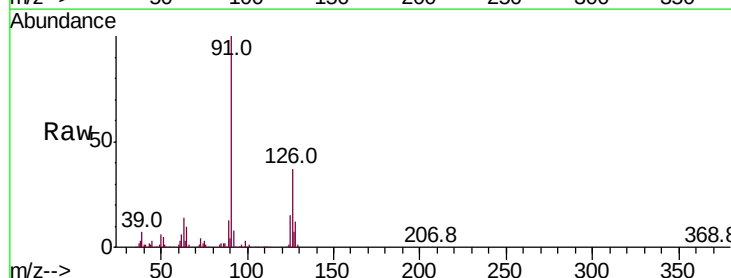
Acq: 07 Oct 2019 15:12

Tgt Ion: 91 Resp: 443572

Ion Ratio Lower Upper

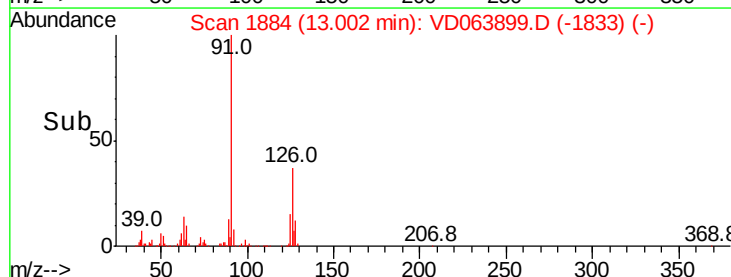
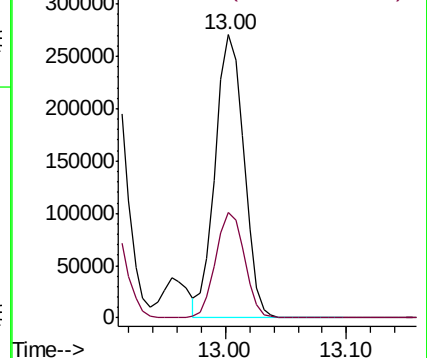
91 100

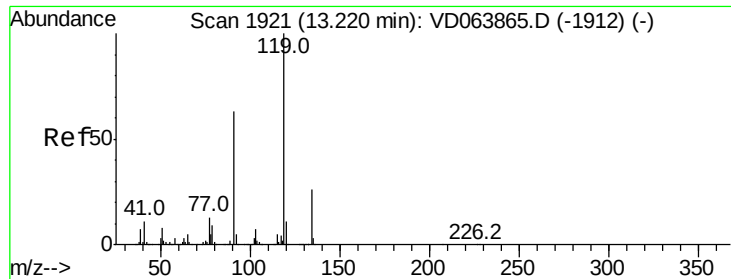
126 37.5 18.6 55.8



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V

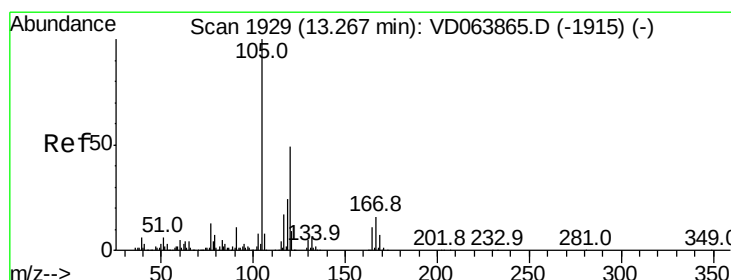
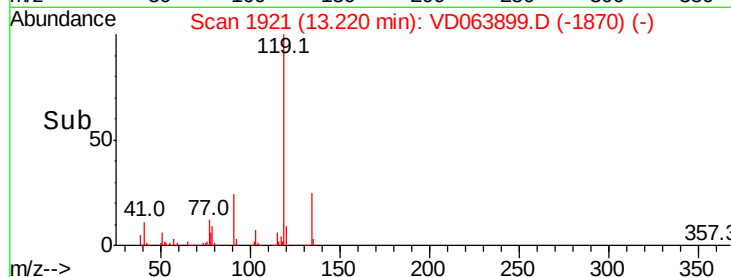
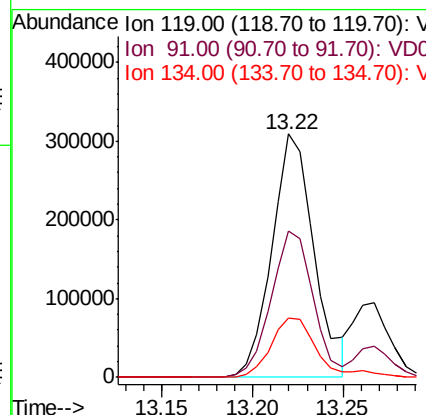
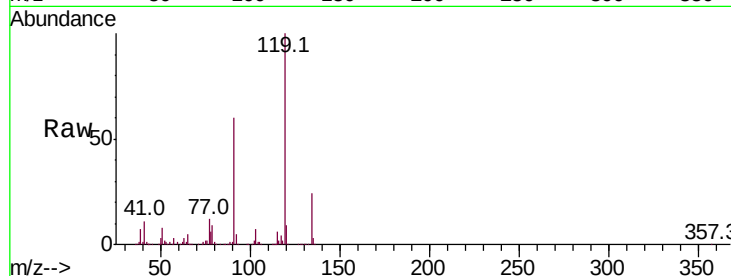




#83  
 tert-Butylbenzene  
 Concen: 55.665 ug/l  
 RT: 13.22 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

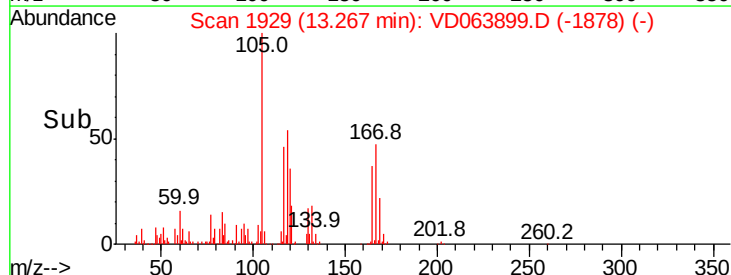
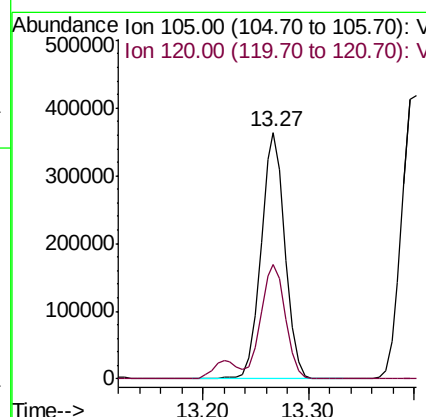
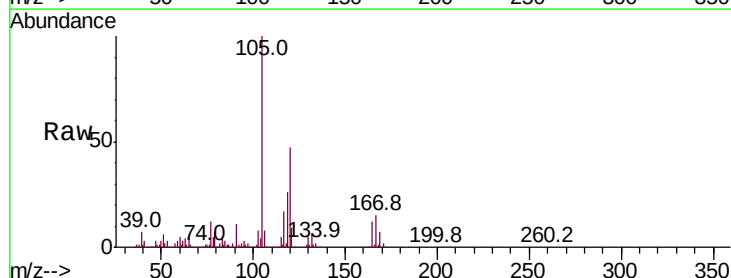
Instrument :  
 MSVOA\_D  
 ClientSampleId :

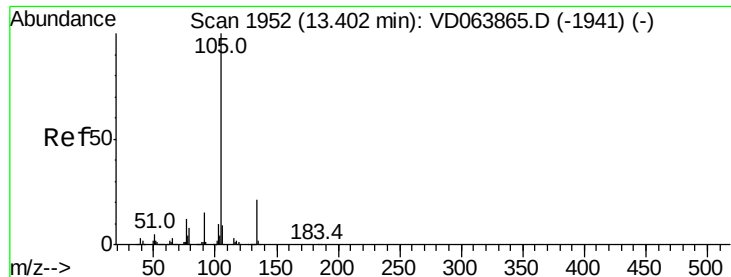
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 59.6  | 30.0  | 90.0  |
| 134     | 27.1  | 13.0  | 38.9  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 54.846 ug/l  
 RT: 13.27 min Scan# 1929  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 47.8  | 23.8  | 71.5  |





#85

sec-Butylbenzene

Concen: 55.594 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

Instrument :

MSVOA\_D

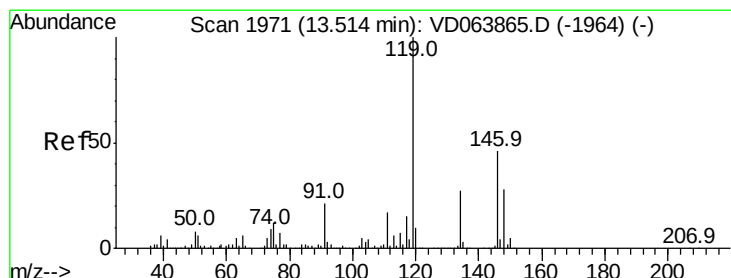
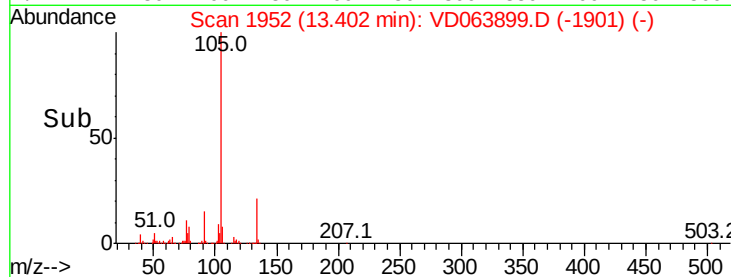
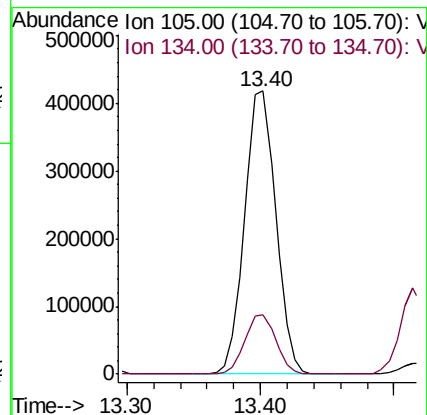
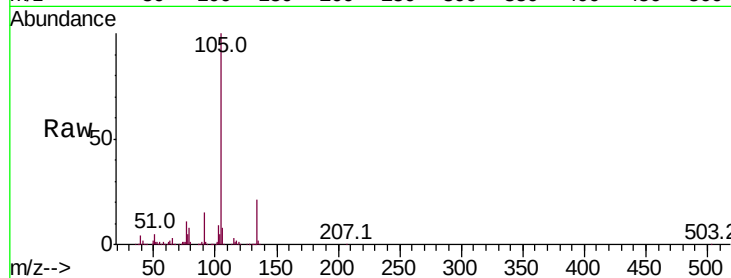
ClientSampleId :

Tot Ion:105 Resp: 677419

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8



#86

p-Isopropyltoluene

Concen: 56.898 ug/l

RT: 13.51 min Scan# 1971

Delta R.T. -0.00 min

Lab File: VD063899.D

Acq: 07 Oct 2019 15:12

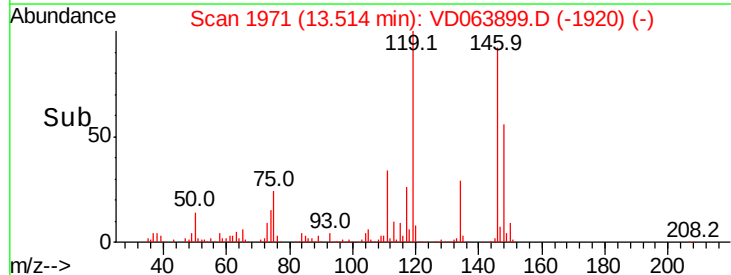
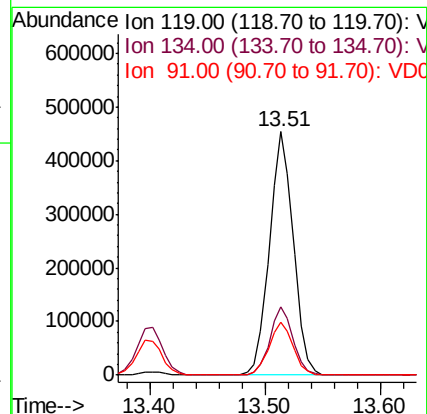
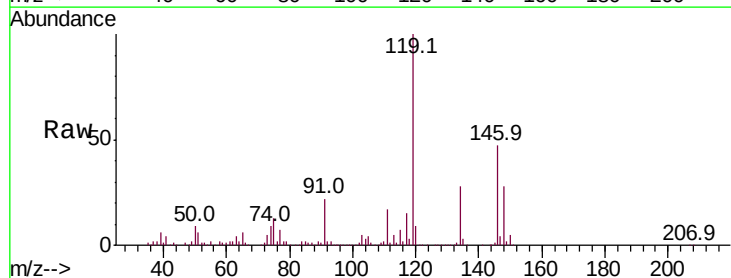
Tgt Ion:119 Resp: 656059

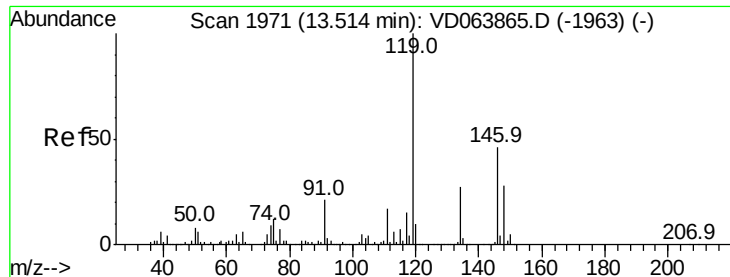
Ion Ratio Lower Upper

119 100

134 27.2 13.9 41.6

91 21.9 11.2 33.5

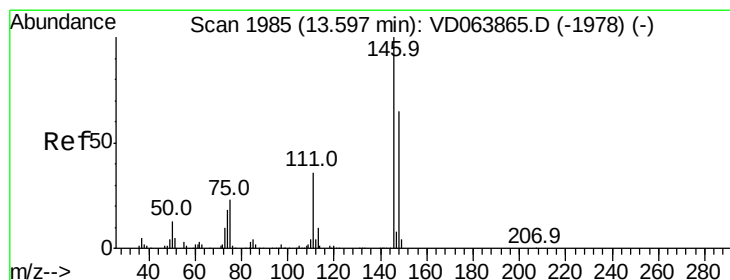
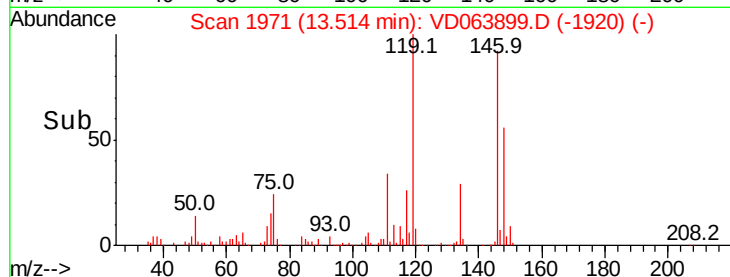
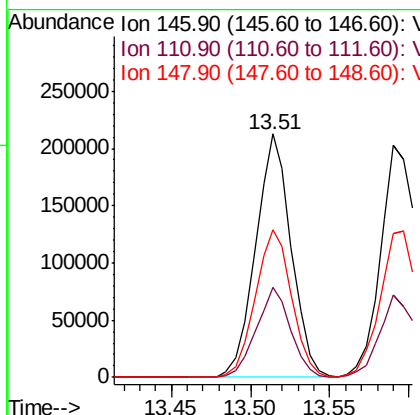
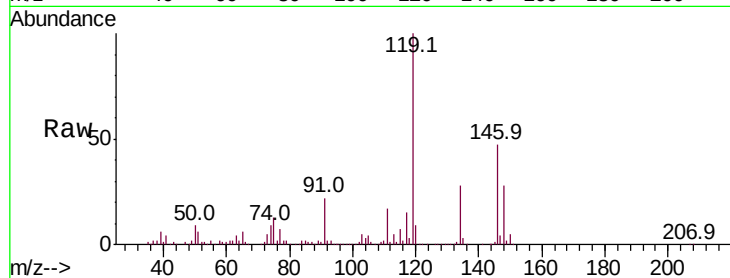




#87  
 1,3-Dichlorobenzene  
 Concen: 55.310 ug/l  
 RT: 13.51 min Scan# 1971  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

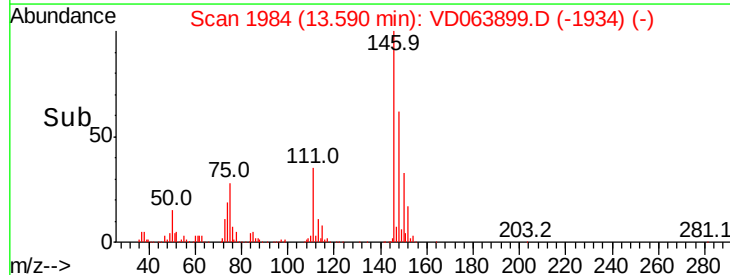
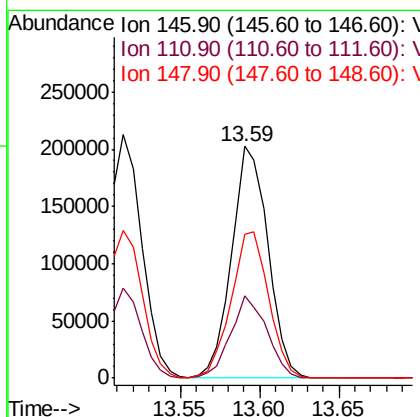
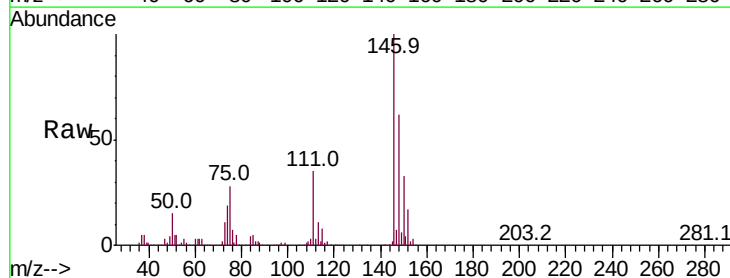
Instrument :  
 MSVOA\_D  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.1  | 18.3  | 54.9  |
| 148     | 61.9  | 31.8  | 95.4  |

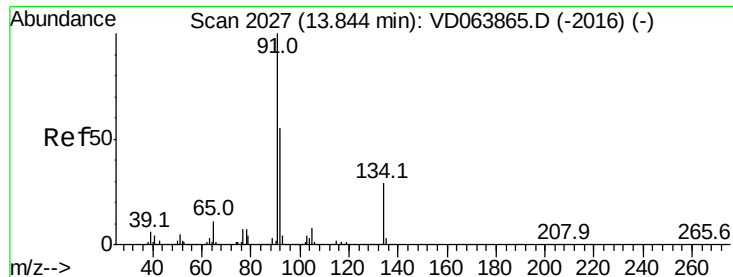


#88  
 1,4-Dichlorobenzene  
 Concen: 54.694 ug/l  
 RT: 13.59 min Scan# 1984  
 Delta R.T. -0.01 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.5  | 18.6  | 56.0  |
| 148     | 65.1  | 32.6  | 98.0  |



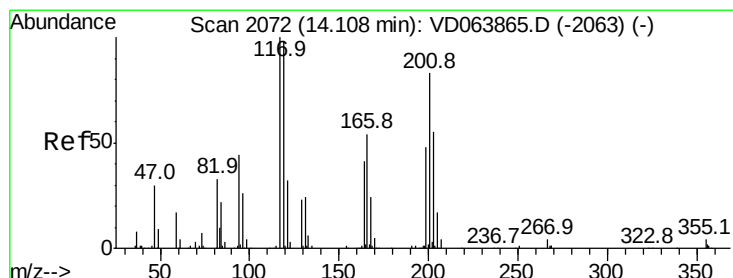
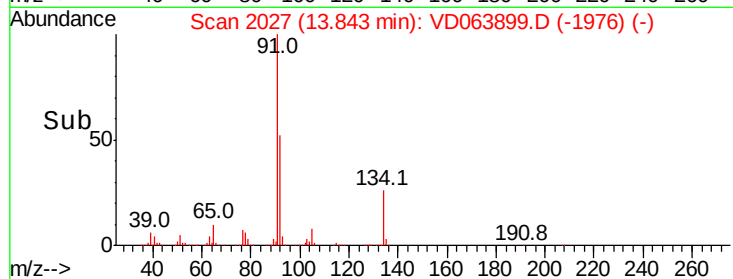
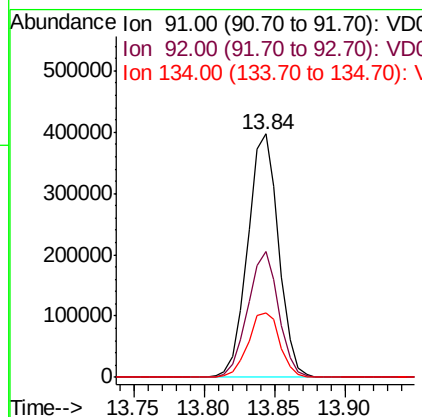
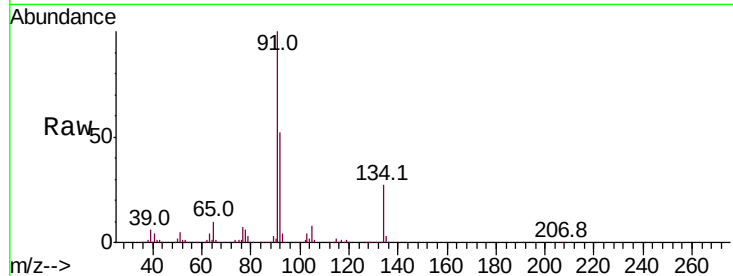




#89  
n-Butylbenzene  
Concen: 56.677 ug/l  
RT: 13.84 min Scan# 2027  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

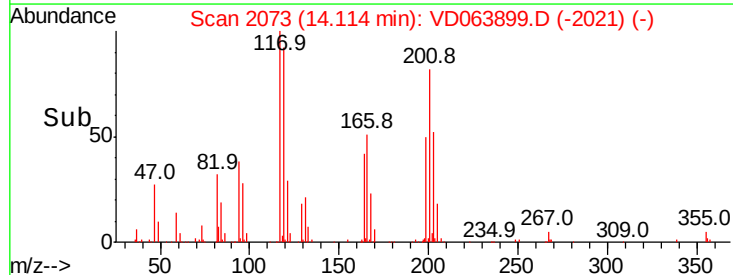
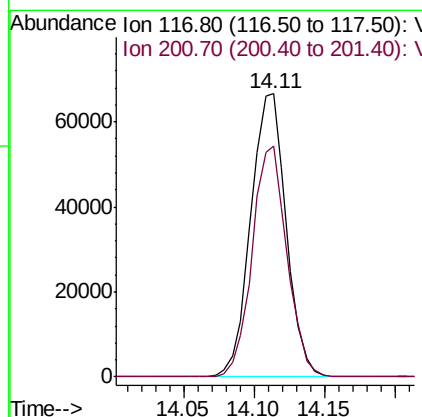
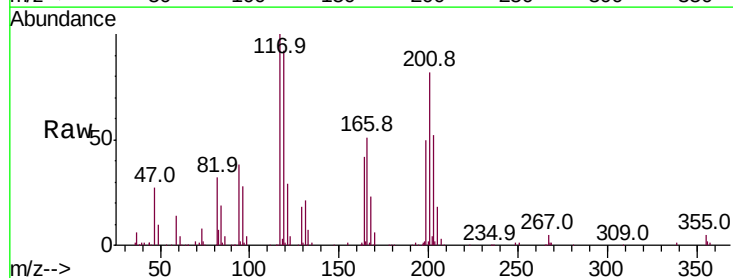
Instrument :  
MSVOA\_D  
ClientSampleId :

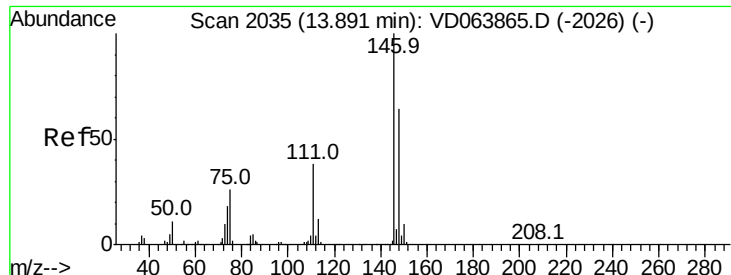
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.5  | 26.8  | 80.3  |
| 134     | 27.4  | 14.4  | 43.0  |



#90  
Hexachloroethane  
Concen: 56.587 ug/l  
RT: 14.11 min Scan# 2073  
Delta R.T. 0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 79.8  | 40.6  | 121.7 |

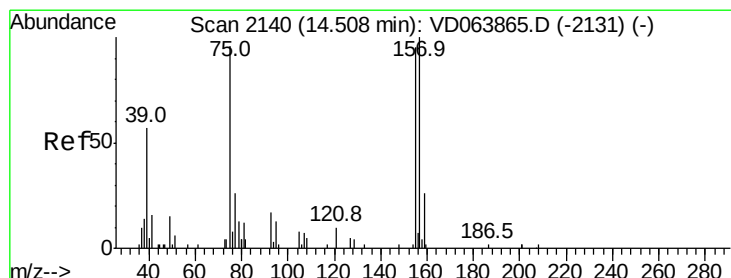
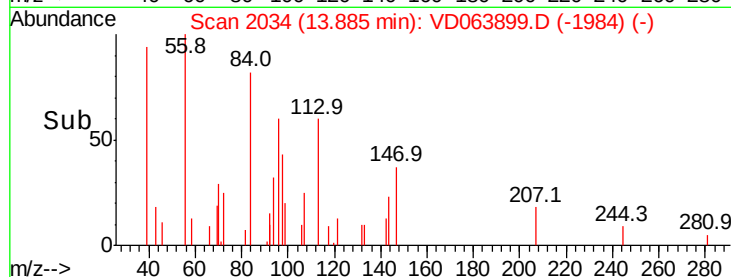
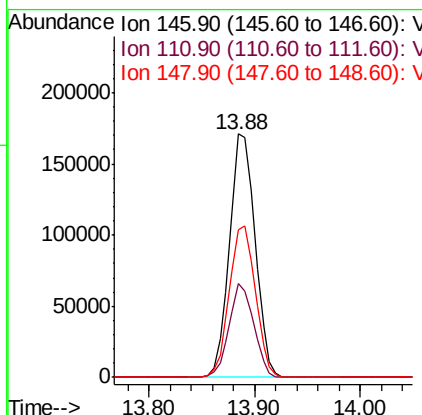
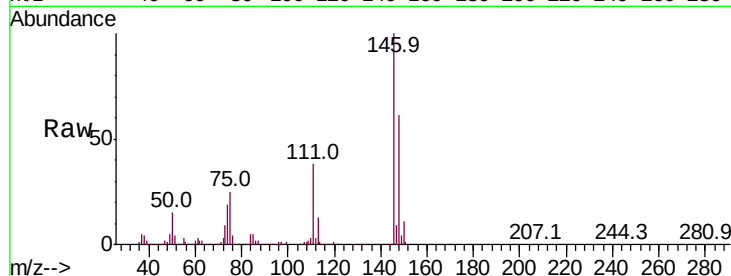




#91  
1,2-Dichlorobenzene  
Concen: 55.485 ug/l  
RT: 13.88 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

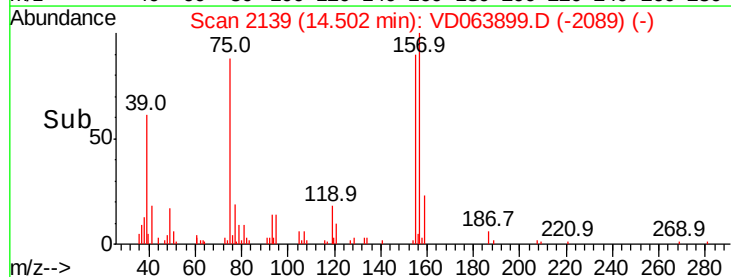
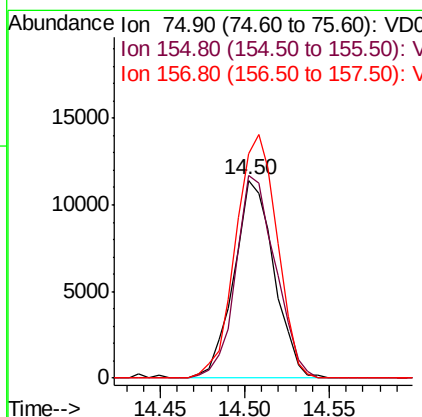
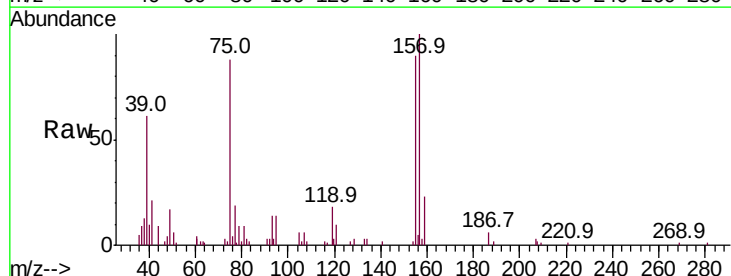
Instrument :  
MSVOA\_D  
ClientSampled :

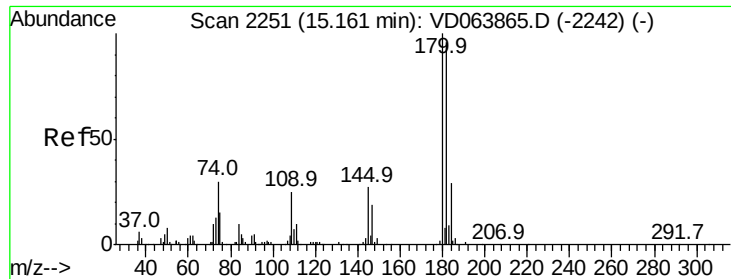
Tot Ion:146 Resp: 286052  
Ion Ratio Lower Upper  
146 100  
111 37.1 18.6 55.6  
148 63.4 31.6 95.0



#92  
1,2-Dibromo-3-Chloropropane  
Concen: 57.920 ug/l  
RT: 14.50 min Scan# 2139  
Delta R.T. -0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion: 75 Resp: 18902  
Ion Ratio Lower Upper  
75 100  
155 101.1 43.9 131.6  
157 127.1 56.0 167.9

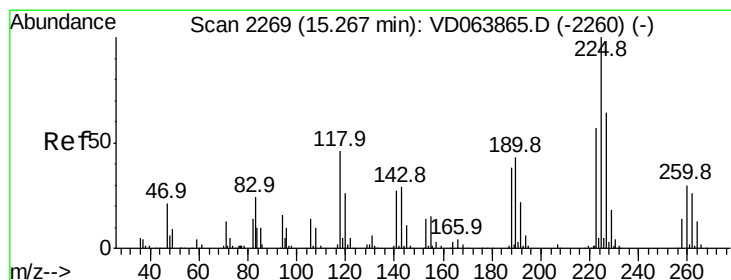
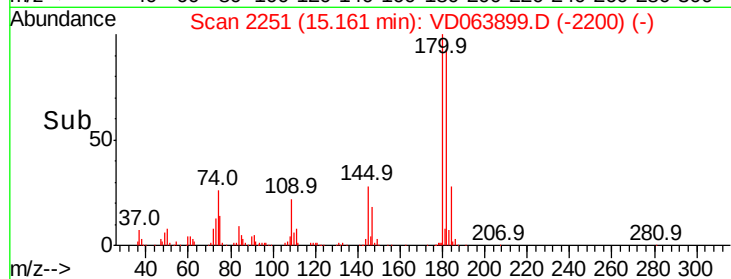
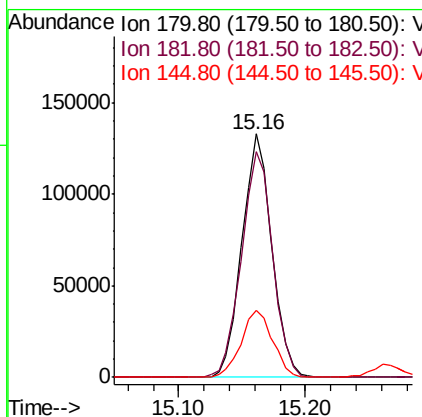
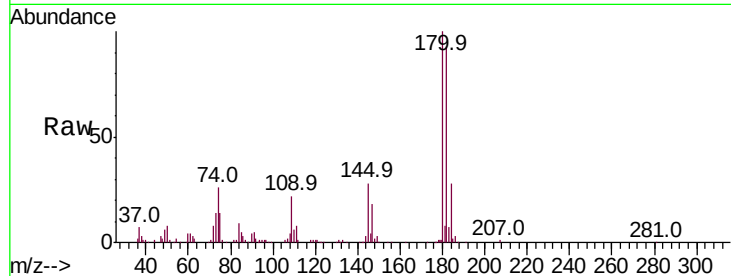




#93  
 1,2,4-Trichlorobenzene  
 Concen: 54.522 ug/l  
 RT: 15.16 min Scan# 2251  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

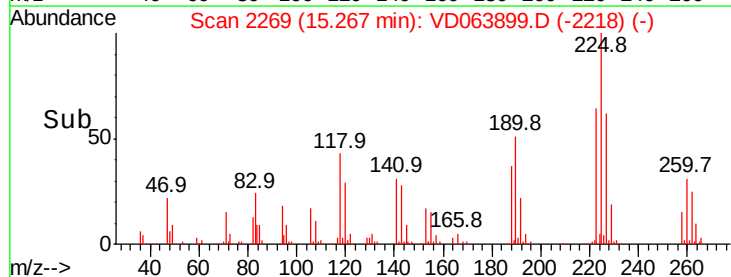
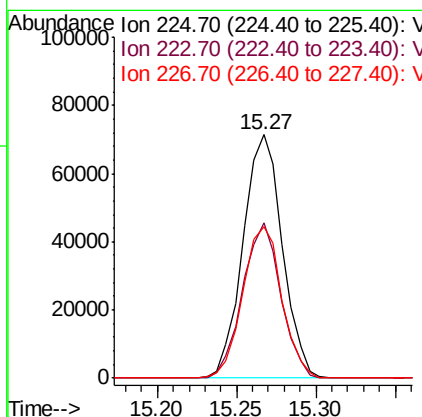
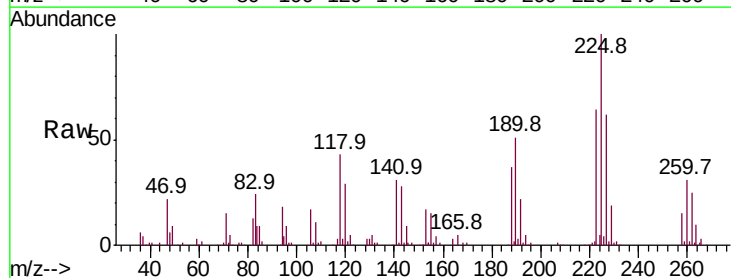
Instrument :  
 MSVOA\_D  
 ClientSampleId :

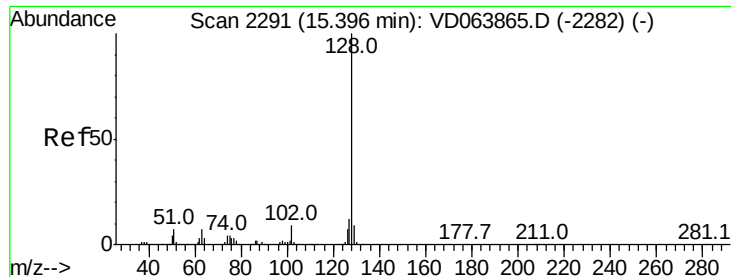
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 47.4  | 142.3 |
| 145     | 29.2  | 13.9  | 41.7  |



#94  
 Hexachlorobutadiene  
 Concen: 56.060 ug/l  
 RT: 15.27 min Scan# 2269  
 Delta R.T. -0.00 min  
 Lab File: VD063899.D  
 Acq: 07 Oct 2019 15:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.9  | 29.5  | 88.6  |
| 227     | 61.9  | 30.8  | 92.4  |

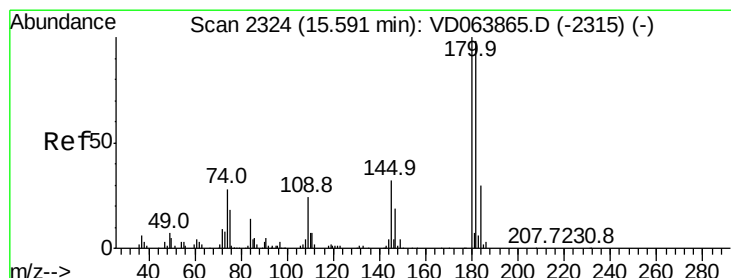
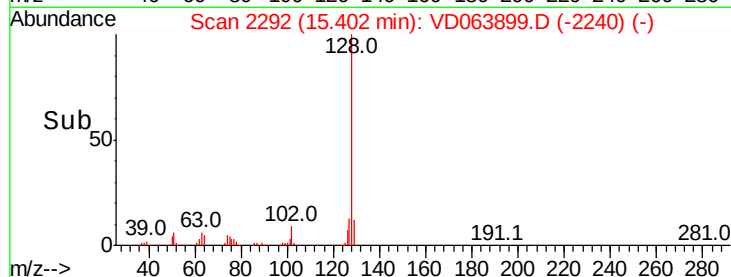
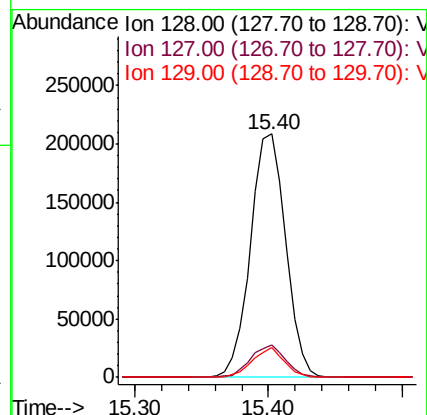
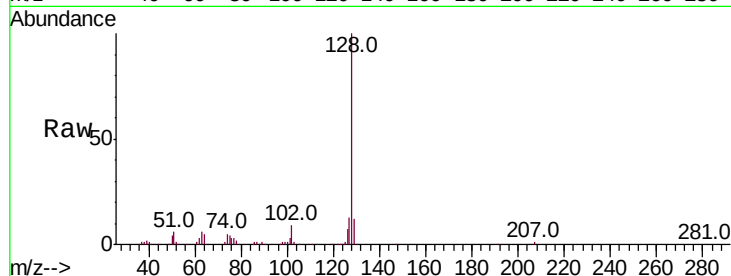




#95  
Naphthalene  
Concen: 56.736 ug/l  
RT: 15.40 min Scan# 2292  
Delta R.T. 0.01 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion:128 Resp: 379341  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 16.0  
129 10.9 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 57.157 ug/l  
RT: 15.59 min Scan# 2324  
Delta R.T. -0.00 min  
Lab File: VD063899.D  
Acq: 07 Oct 2019 15:12

Tgt Ion:180 Resp: 196173  
Ion Ratio Lower Upper  
180 100  
182 90.9 47.0 141.0  
145 29.3 15.3 45.9

