

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD082319\  
 Data File : VD063757.D  
 Acq On : 23 Aug 2019 11:04  
 Operator : JC/SY  
 Sample : VD082319SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

Quant Time: Aug 26 01:04:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.03  | 168  | 977871   | 50.00 | ug/l  | -0.04    |
| 34) 1,4-Difluorobenzene    | 8.21  | 114  | 1302343  | 50.00 | ug/l  | -0.03    |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1137102  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 602208   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 7.44   | 65  | 521248   | 49.87 | ug/l    | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 99.74%  |       |
| 35) Dibromofluoromethane    | 6.91   | 113 | 570920   | 52.05 | ug/l    | -0.03 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 104.10% |       |
| 50) Toluene-d8              | 10.40  | 98  | 1183049  | 49.06 | ug/l    | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.12%  |       |
| 62) 4-Bromofluorobenzene    | 13.55  | 95  | 527972   | 48.31 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.62%  |       |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.55 | 85  | 235006  | 19.864  | ug/l | 93     |
| 3) Chloromethane              | 1.73 | 50  | 176928  | 19.141  | ug/l | 97     |
| 4) Vinyl Chloride             | 1.83 | 62  | 176703  | 19.257  | ug/l | 92     |
| 5) Bromomethane               | 2.13 | 94  | 75162   | 17.360  | ug/l | 93     |
| 6) Chloroethane               | 2.24 | 64  | 83945   | 20.005  | ug/l | 97     |
| 7) Trichlorofluoromethane     | 2.51 | 101 | 389821  | 21.658  | ug/l | 96     |
| 8) Diethyl Ether              | 2.85 | 74  | 48169   | 18.955  | ug/l | 69     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.13 | 101 | 222589  | 20.944  | ug/l | 90     |
| 10) Methyl Iodide             | 3.28 | 142 | 257281  | 17.109  | ug/l | 97     |
| 11) Tert butyl alcohol        | 4.07 | 59  | 47443   | 104.264 | ug/l | 95     |
| 12) 1,1-Dichloroethene        | 3.10 | 96  | 170569  | 21.587  | ug/l | 91     |
| 13) Acrolein                  | 3.01 | 56  | 31885   | 71.189  | ug/l | 99     |
| 14) Allyl chloride            | 3.59 | 41  | 241453  | 20.327  | ug/l | 96     |
| 15) Acrylonitrile             | 4.17 | 53  | 128092  | 106.278 | ug/l | 97     |
| 16) Acetone                   | 3.21 | 43  | 197323  | 92.865  | ug/l | 94     |
| 17) Carbon Disulfide          | 3.34 | 76  | 457267  | 18.336  | ug/l | 100    |
| 18) Methyl Acetate            | 3.62 | 43  | 76917   | 19.111  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 4.22 | 73  | 340253  | 21.532  | ug/l | 97     |
| 20) Methylene Chloride        | 3.79 | 84  | 172367  | 18.760  | ug/l | # 92   |
| 21) trans-1,2-Dichloroethene  | 4.19 | 96  | 182125  | 21.903  | ug/l | 91     |
| 22) Diisopropyl ether         | 5.11 | 45  | 510768  | 20.838  | ug/l | 98     |
| 23) Vinyl Acetate             | 5.04 | 43  | 1503803 | 105.531 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 4.96 | 63  | 310567  | 20.428  | ug/l | 98     |
| 25) 2-Butanone                | 6.05 | 43  | 210475  | 100.295 | ug/l | 92     |
| 26) 2,2-Dichloropropane       | 6.00 | 77  | 325770  | 21.514  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 6.02 | 96  | 197039  | 21.659  | ug/l | 90     |
| 28) Bromochloromethane        | 6.43 | 49  | 117137  | 19.011  | ug/l | 98     |
| 29) Tetrahydrofuran           | 6.45 | 42  | 101751  | 104.053 | ug/l | 99     |
| 30) Chloroform                | 6.65 | 83  | 369165  | 19.536  | ug/l | 94     |
| 31) Cyclohexane               | 6.93 | 56  | 188549  | 19.978  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 6.85 | 97  | 370319  | 20.486  | ug/l | 96     |
| 36) 1,1-Dichloropropene       | 7.13 | 75  | 266334  | 23.133  | ug/l | 95     |
| 37) Ethyl Acetate             | 6.17 | 43  | 95220   | 19.738  | ug/l | # 95   |
| 38) Carbon Tetrachloride      | 7.09 | 117 | 350474  | 20.199  | ug/l | 96     |

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 Sample : VD082319SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

Quant Time: Aug 26 01:04:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.85  | 83   | 202538   | 20.688  | ug/l   | 97       |
| 40) Benzene                    | 7.44  | 78   | 561500   | 22.162  | ug/l   | 98       |
| 41) Methacrylonitrile          | 6.43  | 41   | 125879   | 20.723  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 7.56  | 62   | 262765   | 20.626  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 9.23  | 43   | 126662   | 19.603  | ug/l # | 97       |
| 44) Trichloroethene            | 8.53  | 130  | 221157   | 22.837  | ug/l   | 91       |
| 45) 1,2-Dichloropropane        | 8.93  | 63   | 126844   | 21.498  | ug/l # | 88       |
| 46) Dibromomethane             | 9.05  | 93   | 108217   | 21.477  | ug/l   | 93       |
| 47) Bromodichloromethane       | 9.37  | 83   | 283202   | 21.912  | ug/l   | 94       |
| 48) Methyl methacrylate        | 9.11  | 41   | 90523    | 20.658  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.07  | 88   | 14726    | 391.767 | ug/l # | 56       |
| 51) 4-Methyl-2-Pentanone       | 10.29 | 43   | 492635   | 111.424 | ug/l   | 91       |
| 52) Toluene                    | 10.50 | 92   | 341406   | 20.921  | ug/l   | 96       |
| 53) t-1,3-Dichloropropene      | 10.90 | 75   | 218332   | 20.699  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.03 | 75   | 252630   | 21.241  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 11.18 | 97   | 122481   | 22.219  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 11.03 | 69   | 124817   | 20.861  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 188111   | 22.576  | ug/l   | 94       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 348064   | 110.192 | ug/l   | 98       |
| 59) 2-Hexanone                 | 11.52 | 43   | 347300   | 107.956 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.67 | 129  | 216612   | 21.595  | ug/l   | 94       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 137593   | 20.619  | ug/l   | 100      |
| 64) Tetrachloroethene          | 11.25 | 164  | 181991   | 20.732  | ug/l   | 95       |
| 65) Chlorobenzene              | 12.39 | 112  | 415279   | 19.486  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 198644   | 21.179  | ug/l   | 95       |
| 67) Ethyl Benzene              | 12.52 | 91   | 781872   | 21.099  | ug/l   | 98       |
| 68) m/p-Xylenes                | 12.66 | 106  | 532235   | 40.881  | ug/l   | 97       |
| 69) o-Xylene                   | 13.04 | 106  | 238623   | 19.044  | ug/l   | 90       |
| 70) Styrene                    | 13.07 | 104  | 441482   | 19.807  | ug/l   | 96       |
| 71) Bromoform                  | 13.23 | 173  | 133182   | 20.708  | ug/l   | 99       |
| 73) Isopropylbenzene           | 13.40 | 105  | 833721   | 21.766  | ug/l   | 99       |
| 74) N-amyl acetate             | 13.26 | 43   | 191281   | 19.893  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.69 | 83   | 128014   | 20.135  | ug/l   | 91       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 139863   | 20.237  | ug/l   | 96       |
| 77) Bromobenzene               | 13.67 | 156  | 215925   | 20.626  | ug/l   | 72       |
| 78) n-propylbenzene            | 13.77 | 91   | 970131   | 21.647  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 542136   | 20.980  | ug/l   | 94       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 677222   | 20.235  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 13.46 | 75   | 35151    | 18.923  | ug/l   | 82       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 654024   | 21.048  | ug/l   | 96       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 773338   | 21.943  | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 707438   | 22.845  | ug/l   | 92       |
| 85) sec-Butylbenzene           | 14.36 | 105  | 792840   | 21.184  | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 789883   | 22.073  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 14.45 | 146  | 371759   | 19.633  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 389399   | 21.434  | ug/l   | 97       |
| 89) n-Butylbenzene             | 14.79 | 91   | 666024   | 20.392  | ug/l   | 92       |
| 90) Hexachloroethane           | 15.00 | 117  | 191593   | 21.301  | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 324803   | 20.217  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 21441    | 17.911  | ug/l   | 75       |

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Operator : JC/SY  
Sample : VD082319SBS01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Quant Time: Aug 26 01:04:19 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 10 06:42:47 2019  
Response via : Initial Calibration

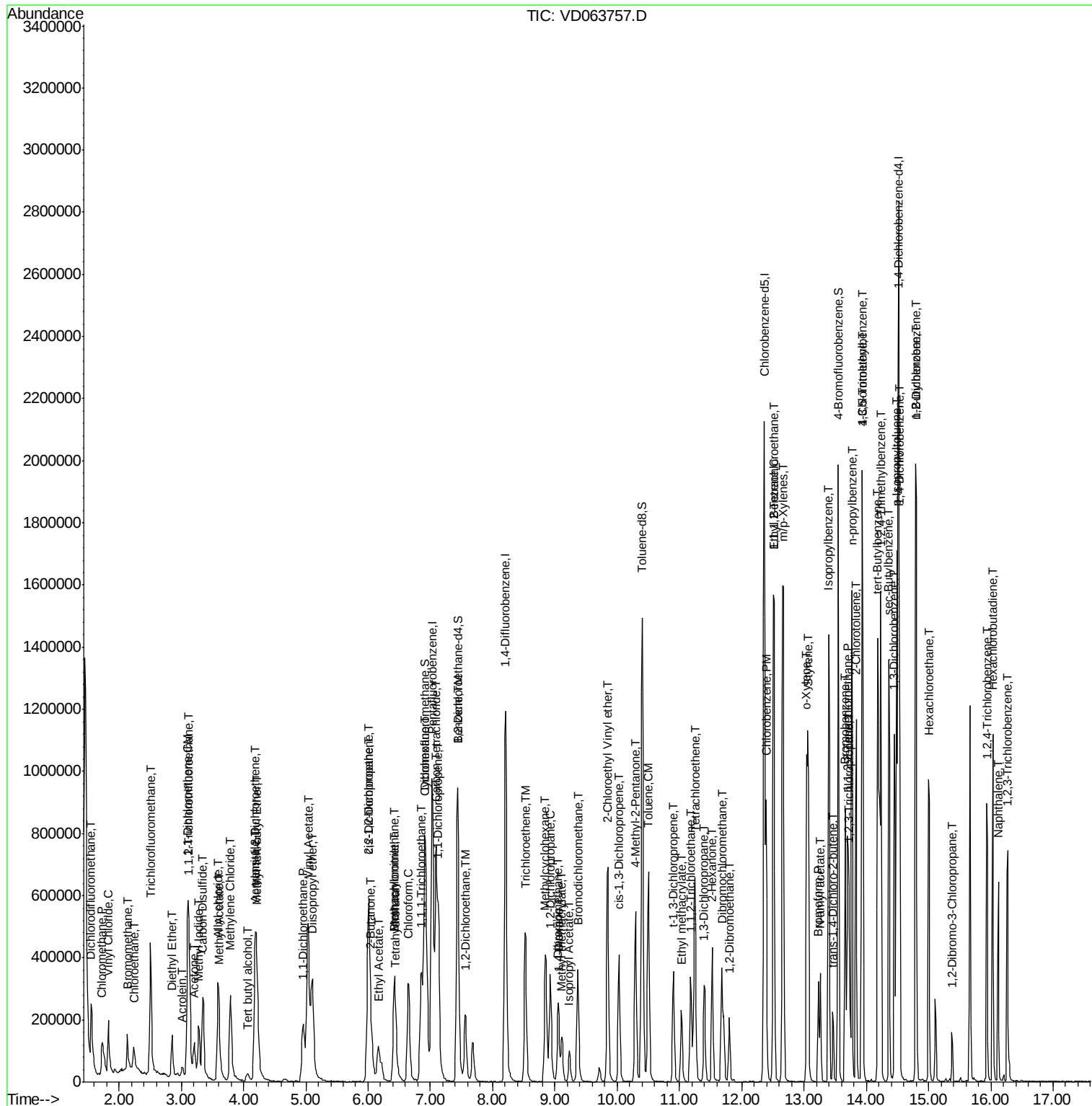
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.94 | 180  | 242934   | 20.550 | ug/l  | 92       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 182768   | 20.286 | ug/l  | 96       |
| 95) Naphthalene            | 16.12 | 128  | 377498   | 21.071 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 207090   | 21.689 | ug/l  | 96       |

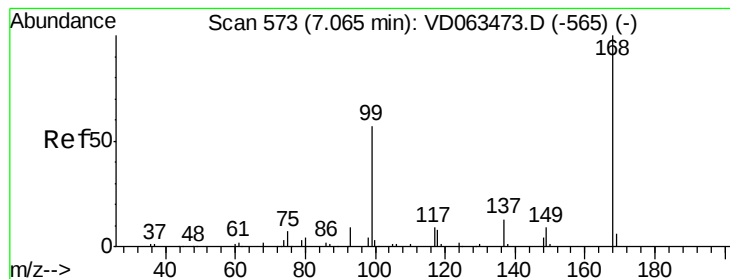
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_D\DATA\VD082319\  
Data File : VD063757.D  
Acq On : 23 Aug 2019 11:04  
Operator : JC/SY  
Sample : VD082319SBS01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
Client Sampled :  
VD0823SBS02

Quant Time: Aug 26 01:04:19 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
Quant Title : SW846 8260  
QLast Update : Sat Aug 10 06:42:47 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

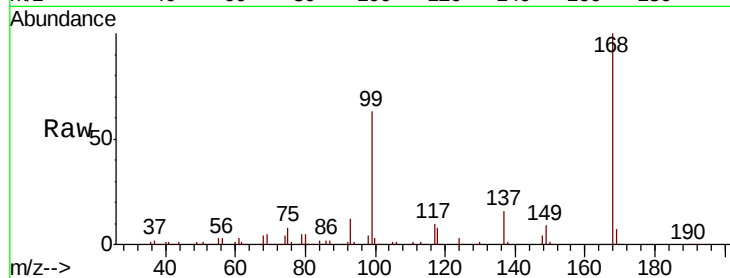
VD0823SBS02

Tgt Ion:168 Resp: 977871

Ion Ratio Lower Upper

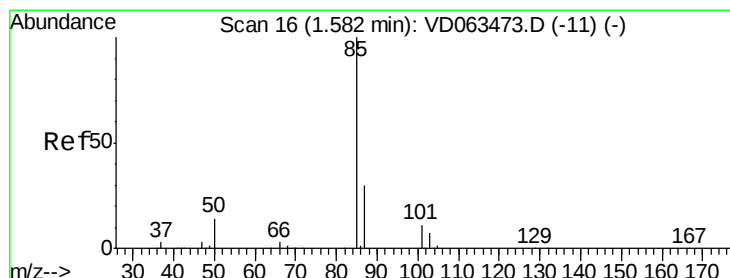
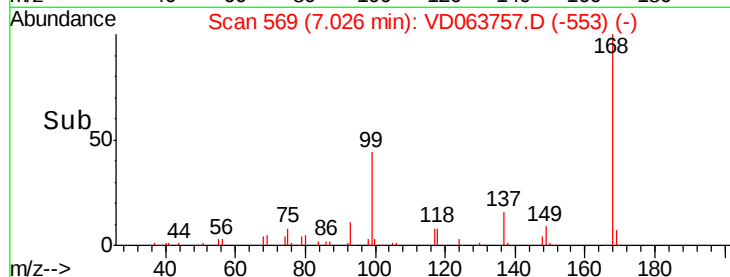
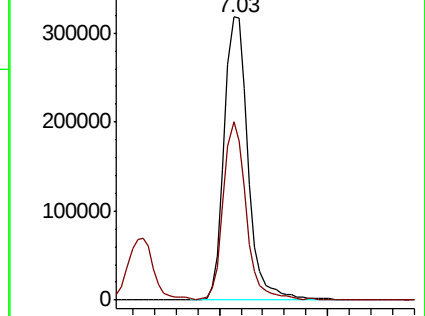
168 100

99 63.1 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V



#2

Dichlorodifluoromethane

Concen: 19.864 ug/l

RT: 1.55 min Scan# 13

Delta R.T. -0.03 min

Lab File: VD063757.D

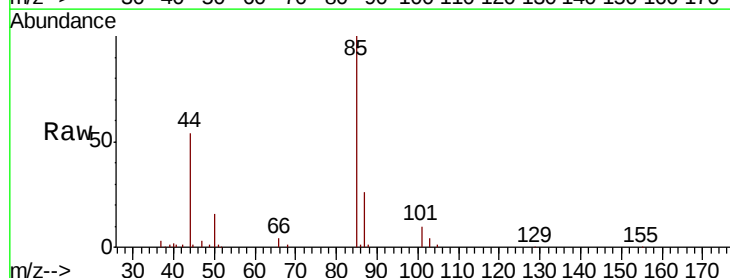
Acq: 23 Aug 2019 11:04

Tgt Ion: 85 Resp: 235006

Ion Ratio Lower Upper

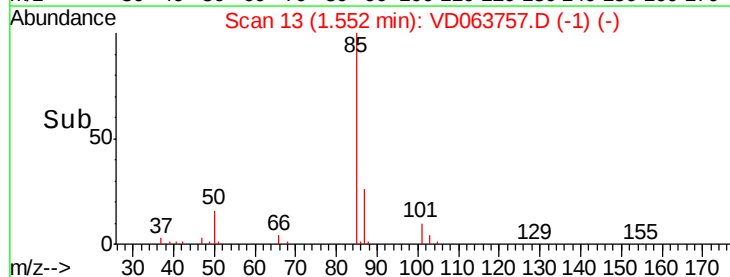
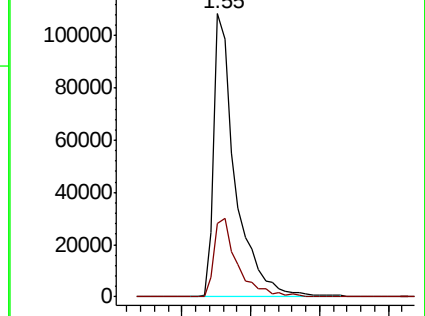
85 100

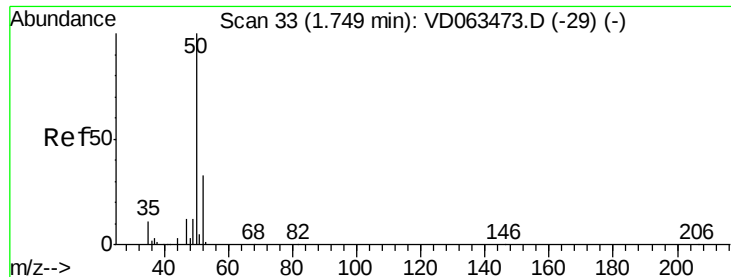
87 26.2 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): V

Ion 86.90 (86.60 to 87.60): V





#3

Chloromethane

Concen: 19.141 ug/l

RT: 1.73 min Scan# 31

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

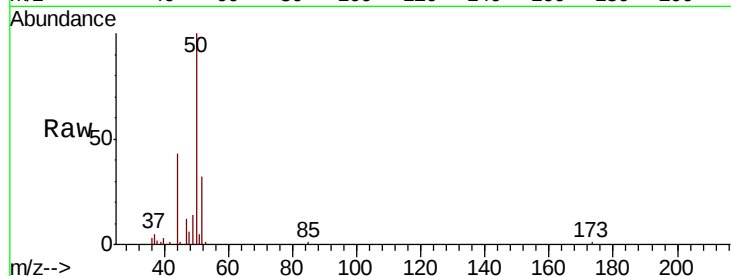
VD0823SBS02

Tgt Ion: 50 Resp: 176928

Ion Ratio Lower Upper

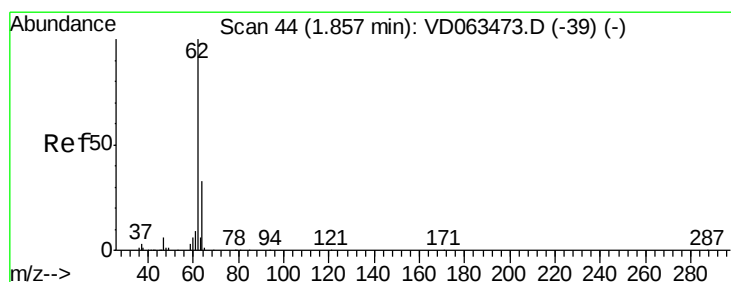
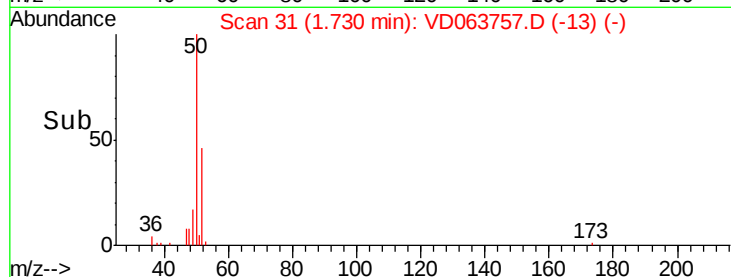
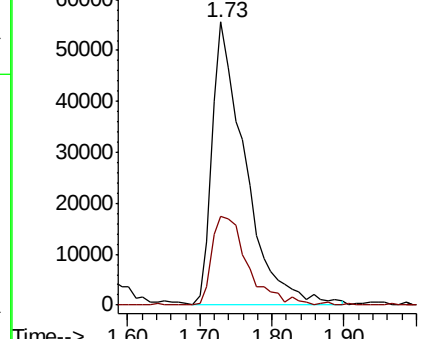
50 100

52 31.6 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 19.257 ug/l

RT: 1.83 min Scan# 41

Delta R.T. -0.03 min

Lab File: VD063757.D

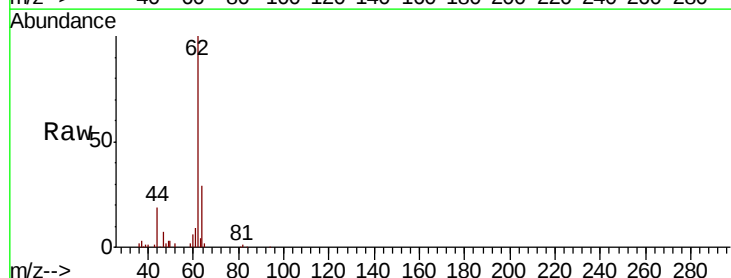
Acq: 23 Aug 2019 11:04

Tgt Ion: 62 Resp: 176703

Ion Ratio Lower Upper

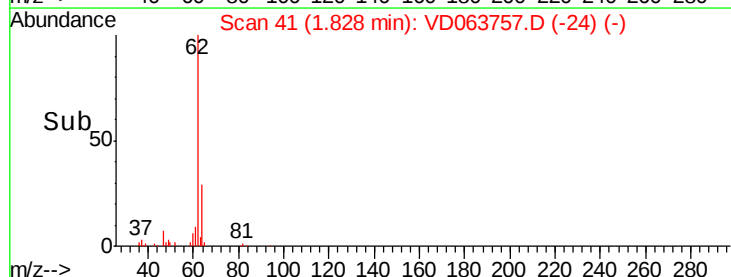
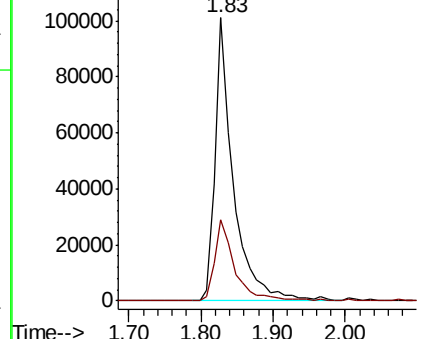
62 100

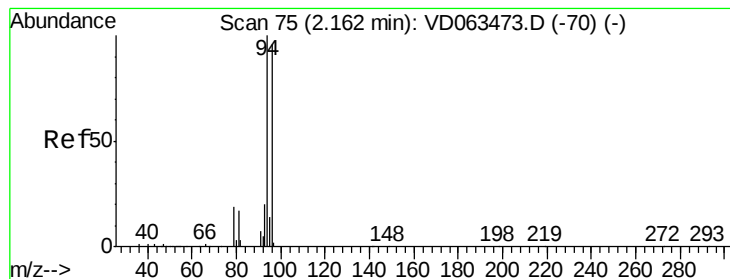
64 28.7 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 17.360 ug/l

RT: 2.13 min Scan# 72

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

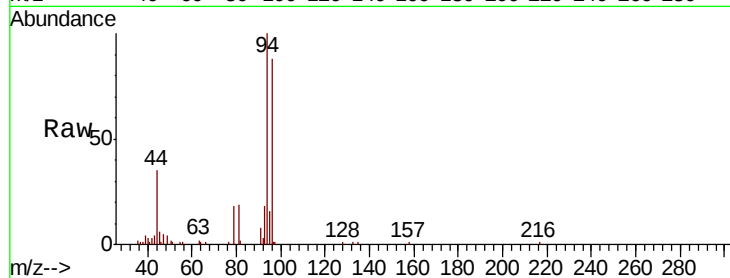
Tgt Ion: 94 Resp: 75162

Ion Ratio Lower Upper

94 100

96 88.3 76.5 114.7

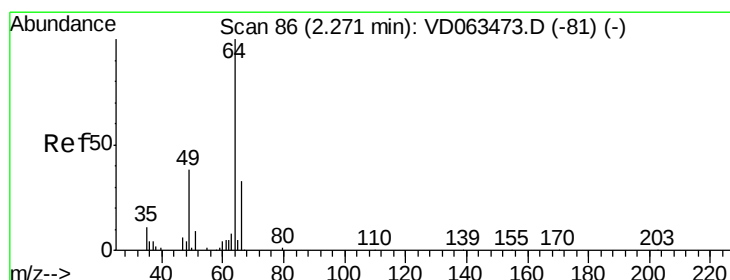
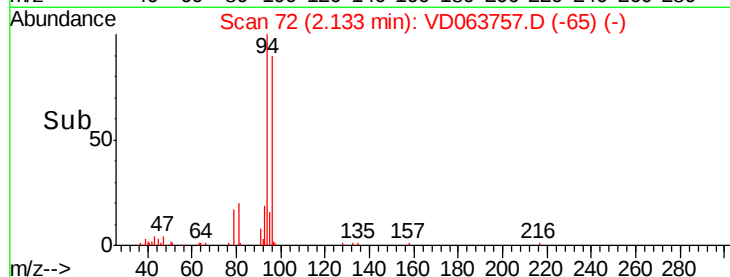
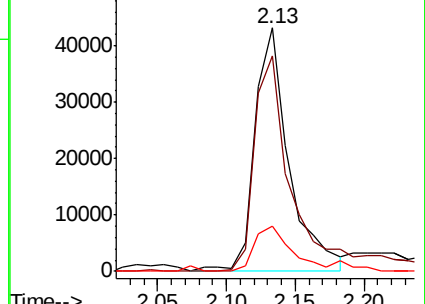
93 18.5 15.8 23.8



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 20.005 ug/l

RT: 2.24 min Scan# 83

Delta R.T. -0.03 min

Lab File: VD063757.D

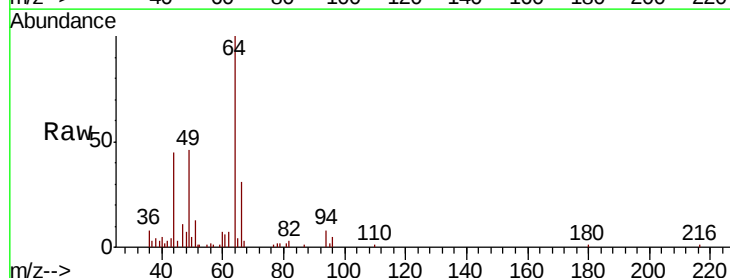
Acq: 23 Aug 2019 11:04

Tgt Ion: 64 Resp: 83945

Ion Ratio Lower Upper

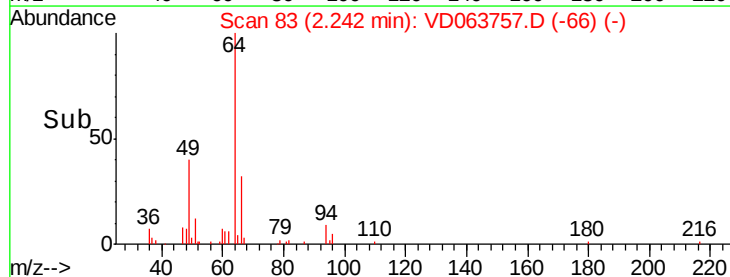
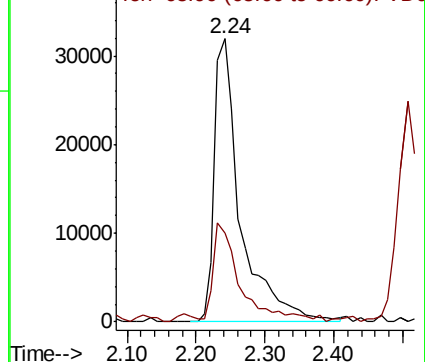
64 100

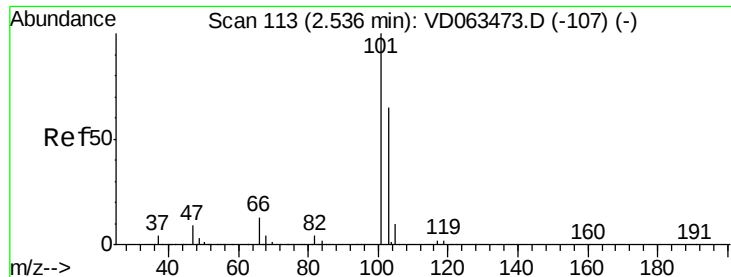
66 31.4 26.3 39.5



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC



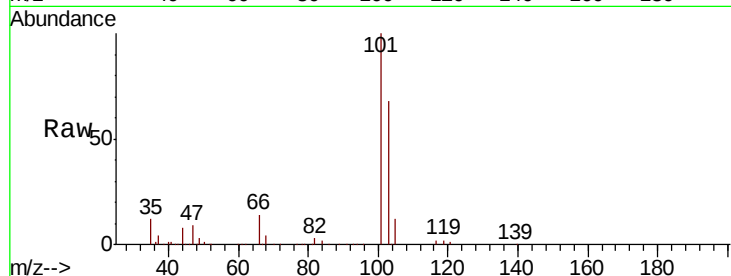


#7

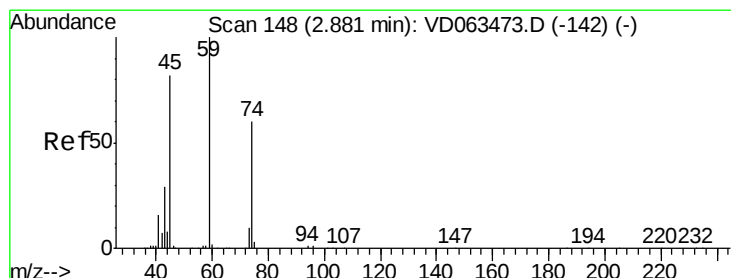
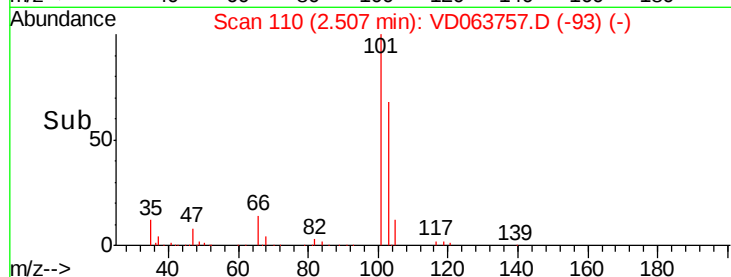
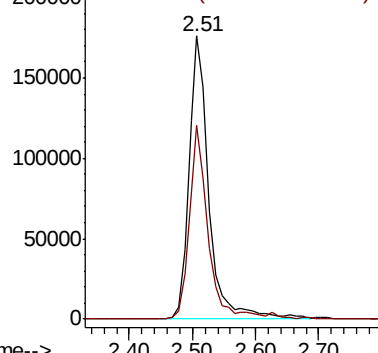
Trichlorofluoromethane  
Concen: 21.658 ug/l  
RT: 2.51 min Scan# 110  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion: 101 Resp: 389821  
Ion Ratio Lower Upper  
101 100  
103 68.4 52.2 78.4



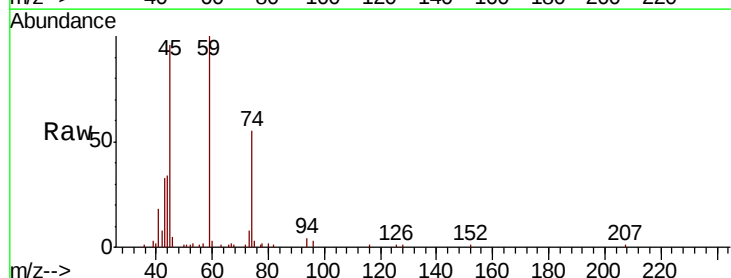
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



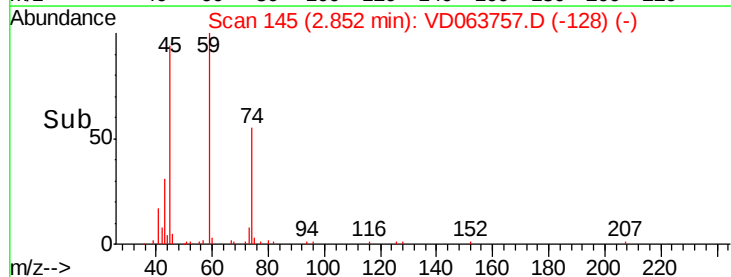
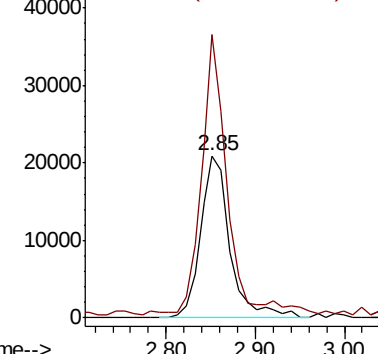
#8

Diethyl Ether  
Concen: 18.955 ug/l  
RT: 2.85 min Scan# 145  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 74 Resp: 48169  
Ion Ratio Lower Upper  
74 100  
45 174.3 68.5 205.5



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.944 ug/l

RT: 3.13 min Scan# 173

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

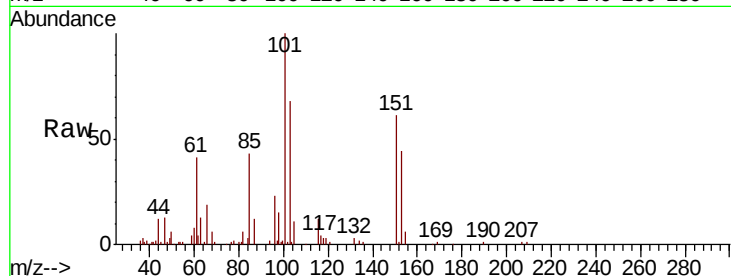
Tgt Ion:101 Resp: 222589

Ion Ratio Lower Upper

101 100

85 43.2 35.8 53.6

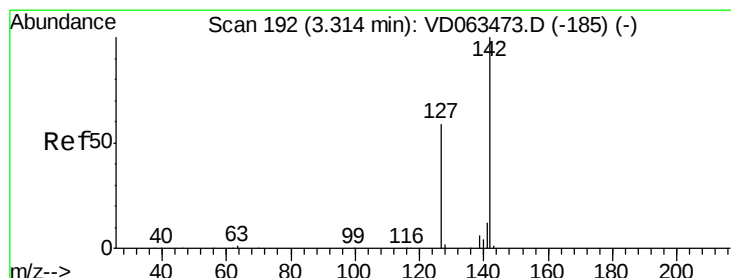
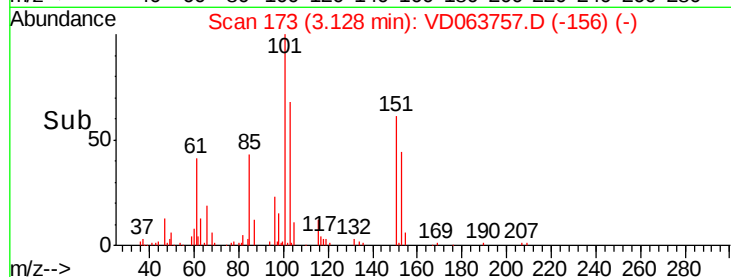
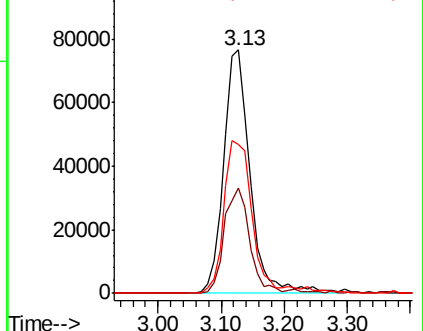
151 61.2 58.6 88.0



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 17.109 ug/l

RT: 3.28 min Scan# 188

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

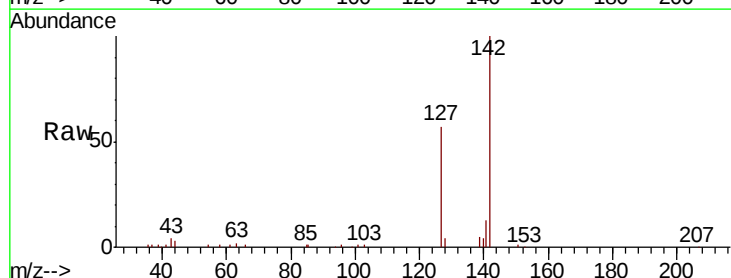
Tgt Ion:142 Resp: 257281

Ion Ratio Lower Upper

142 100

127 56.6 47.2 70.8

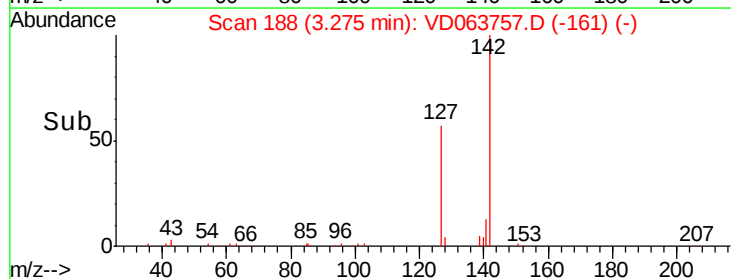
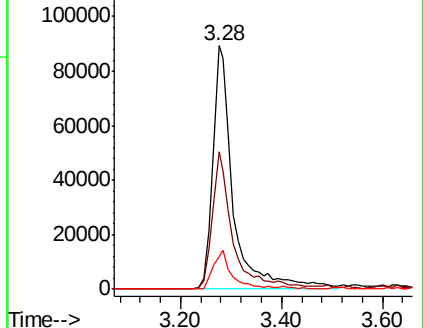
141 13.1 9.8 14.8

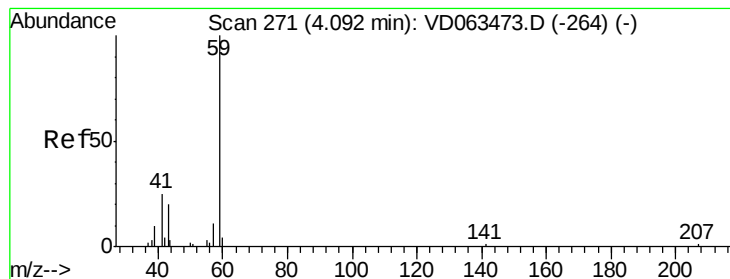


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



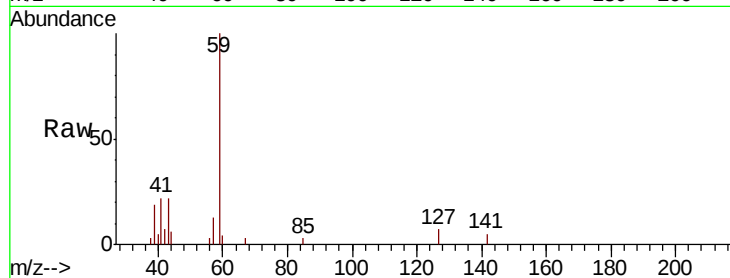


#11

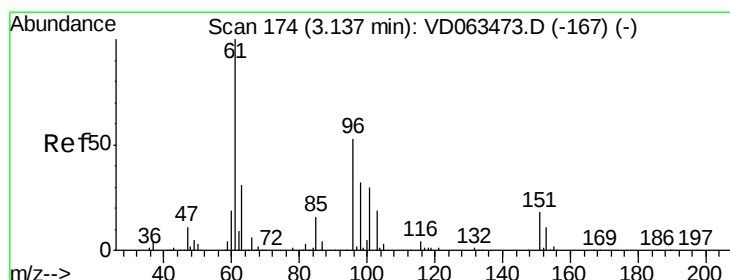
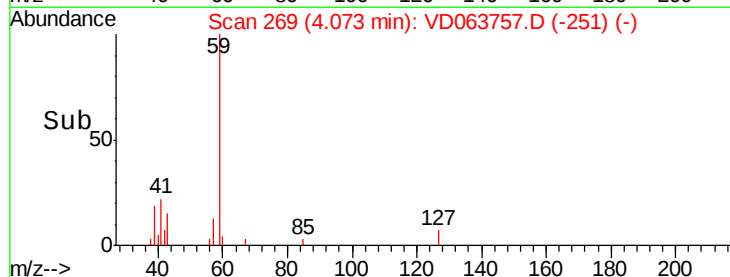
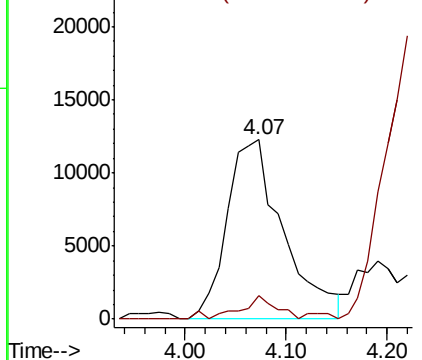
Tert butyl alcohol  
Concen: 104.264 ug/l  
RT: 4.07 min Scan# 269  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion: 59 Resp: 47443  
Ion Ratio Lower Upper  
59 100  
57 12.9 8.7 13.1



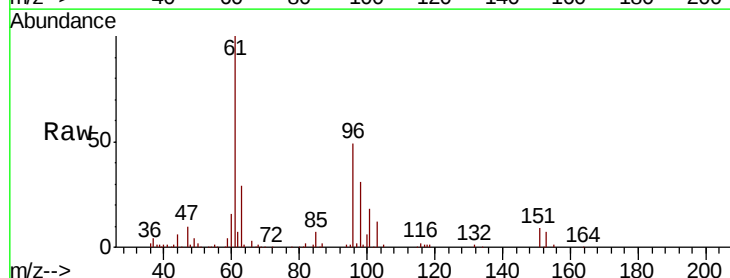
Abundance Ion 58.95 (58.65 to 59.65): VDC  
Ion 56.95 (56.65 to 57.65): VDC



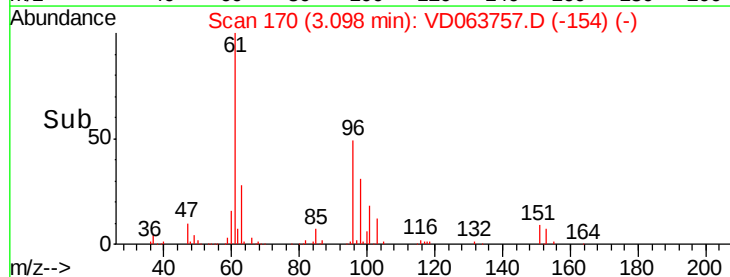
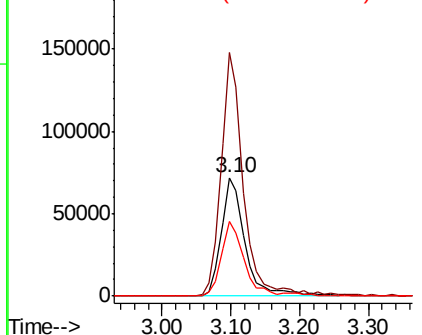
#12

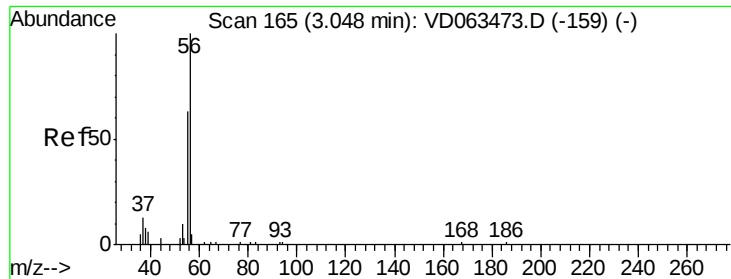
1,1-Dichloroethene  
Concen: 21.587 ug/l  
RT: 3.10 min Scan# 170  
Delta R.T. -0.04 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 96 Resp: 170569  
Ion Ratio Lower Upper  
96 100  
61 205.6 151.7 227.5  
98 63.0 48.4 72.6



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





#13

Acrolein

Concen: 71.189 ug/l

RT: 3.01 min Scan# 161

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

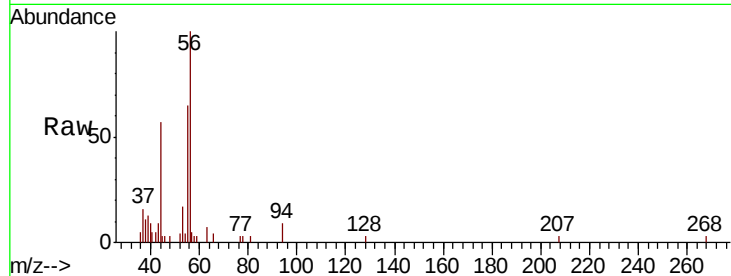
VD0823SBS02

Tgt Ion: 56 Resp: 31885

Ion Ratio Lower Upper

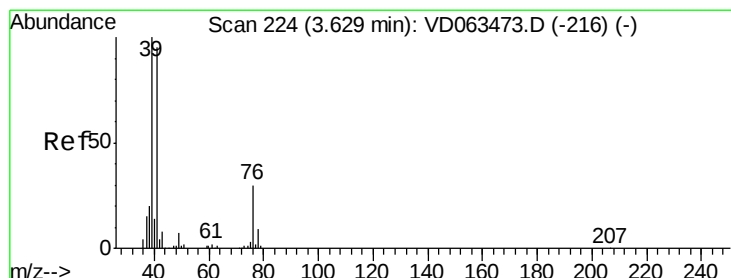
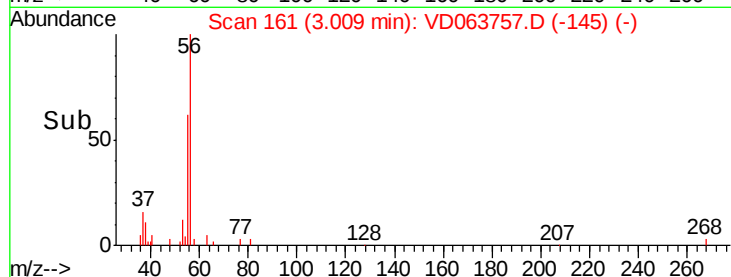
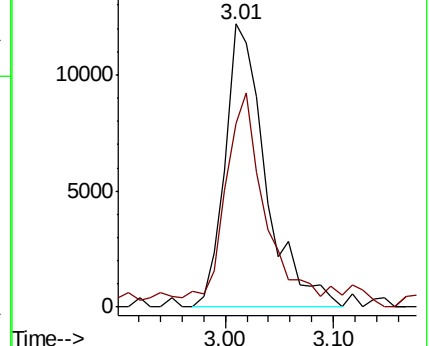
56 100

55 64.8 51.3 76.9



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 20.327 ug/l

RT: 3.59 min Scan# 220

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

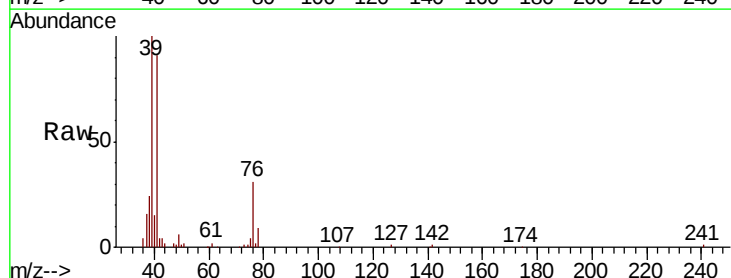
Tgt Ion: 41 Resp: 241453

Ion Ratio Lower Upper

41 100

39 110.2 84.2 126.4

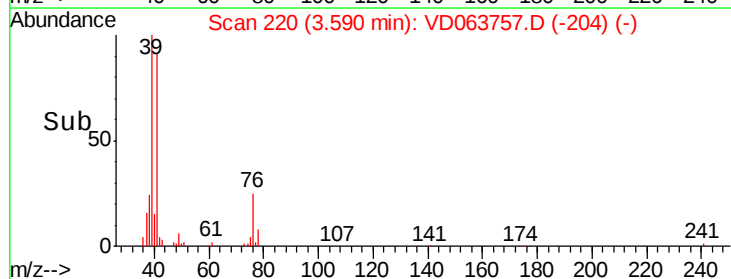
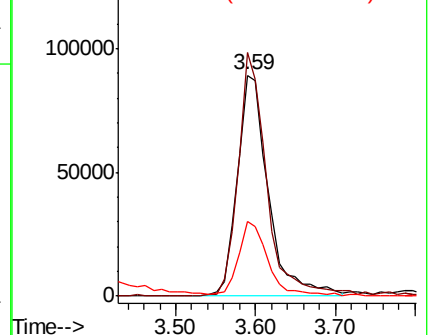
76 33.8 26.0 39.0

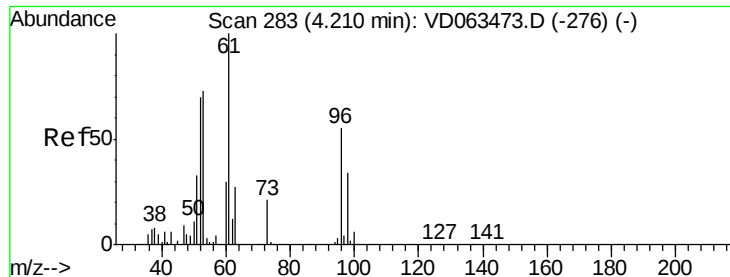


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 106.278 ug/l

RT: 4.17 min Scan# 279

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

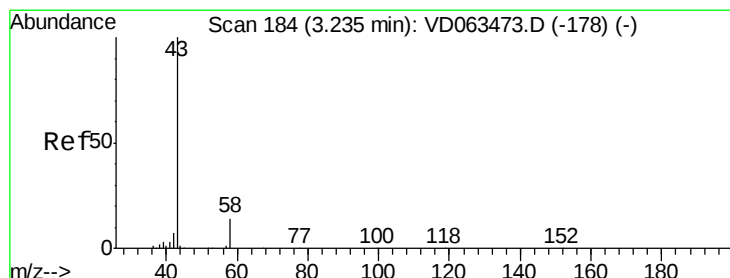
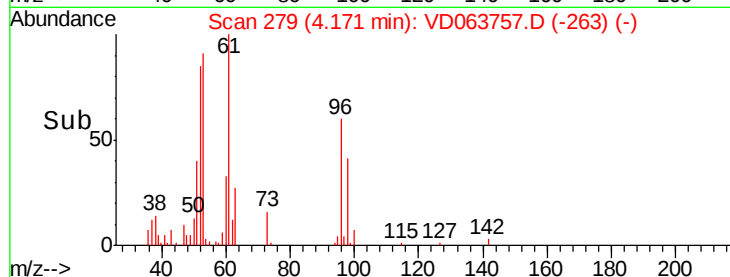
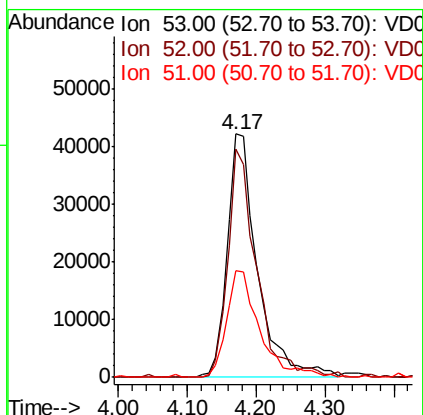
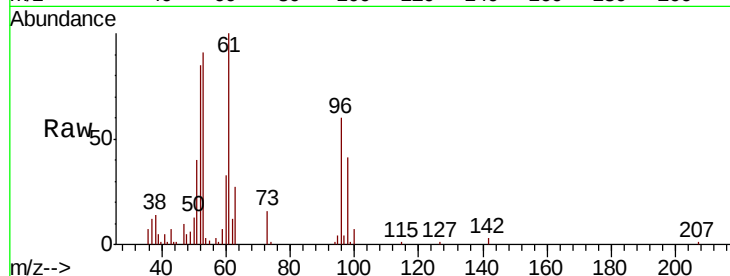
Tgt Ion: 53 Resp: 128092

Ion Ratio Lower Upper

53 100

52 93.5 77.4 116.0

51 43.7 36.7 55.1



#16

Acetone

Concen: 92.865 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063757.D

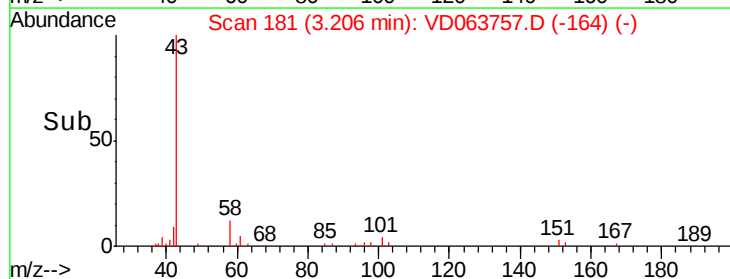
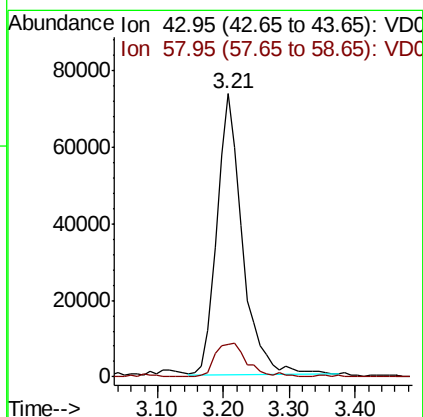
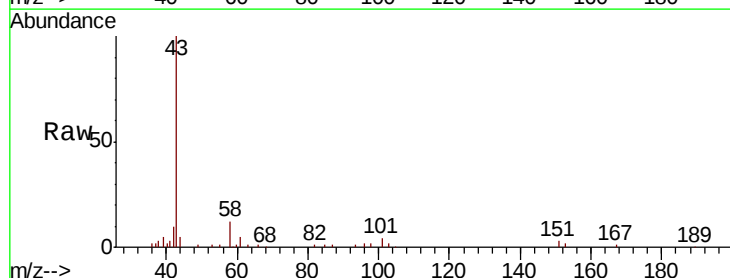
Acq: 23 Aug 2019 11:04

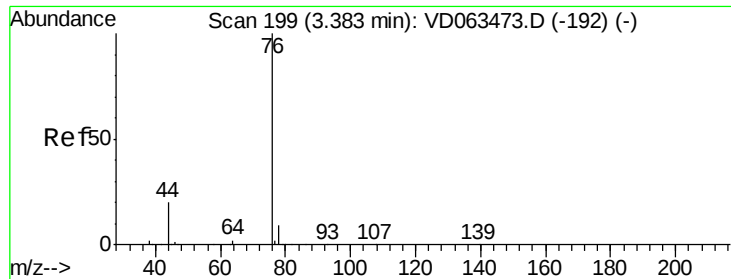
Tgt Ion: 43 Resp: 197323

Ion Ratio Lower Upper

43 100

58 11.7 11.4 17.2

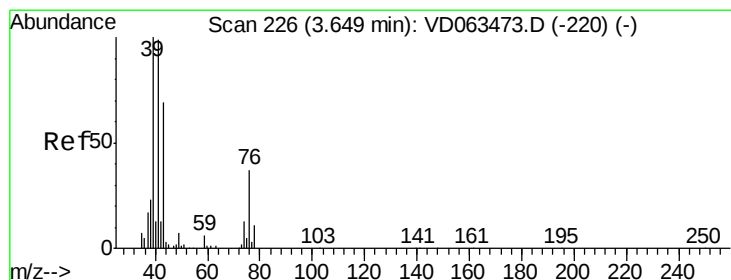
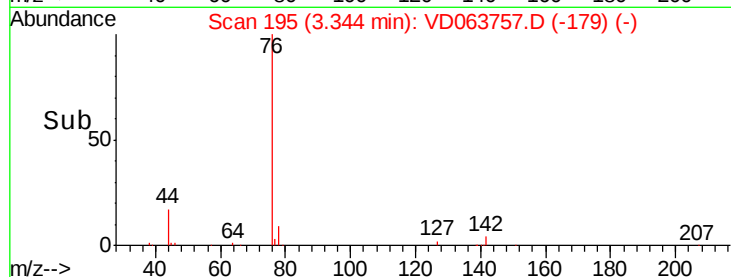
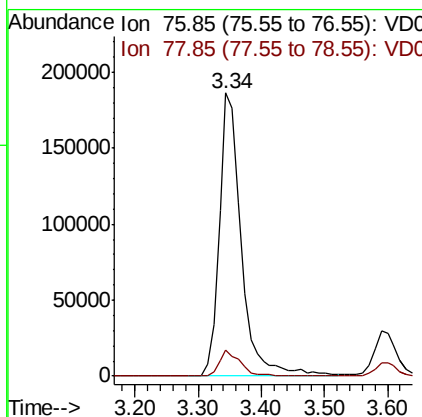
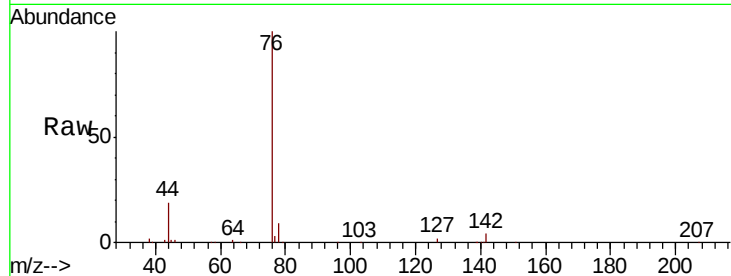




#17  
Carbon Disulfide  
Concen: 18.336 ug/l  
RT: 3.34 min Scan# 195  
Delta R.T. -0.04 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

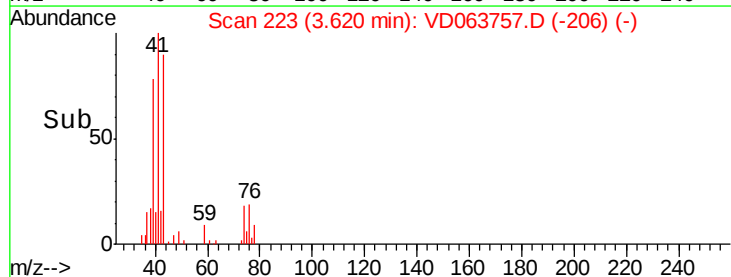
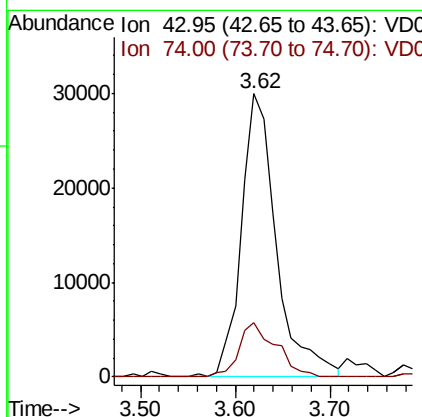
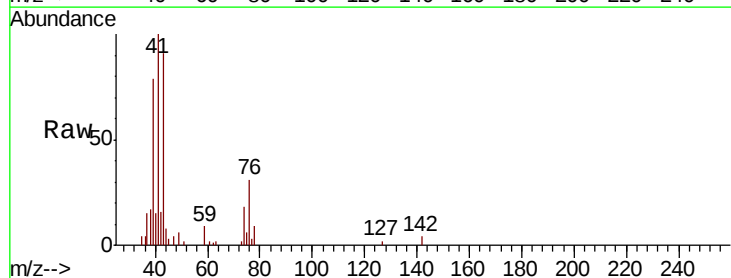
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

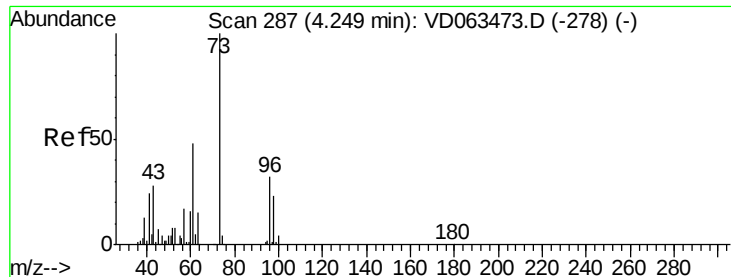
Tgt Ion: 76 Resp: 457267  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.4 11.0



#18  
Methyl Acetate  
Concen: 19.111 ug/l  
RT: 3.62 min Scan# 223  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 43 Resp: 76917  
Ion Ratio Lower Upper  
43 100  
74 19.3 15.4 23.2

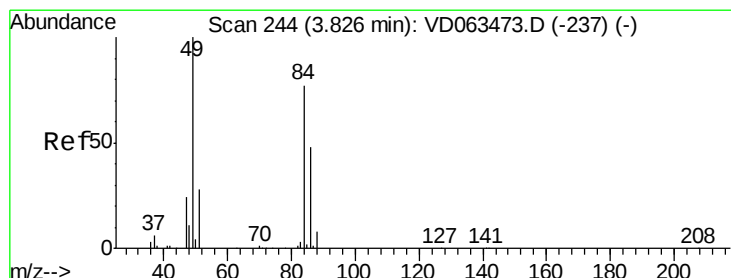
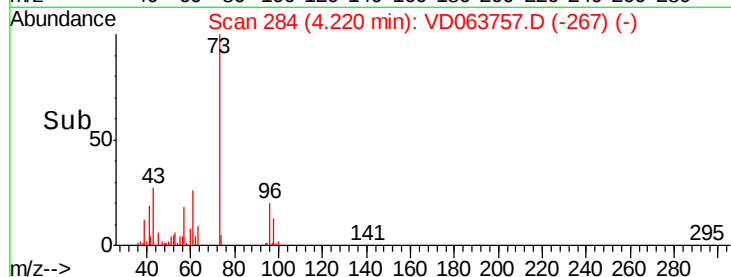
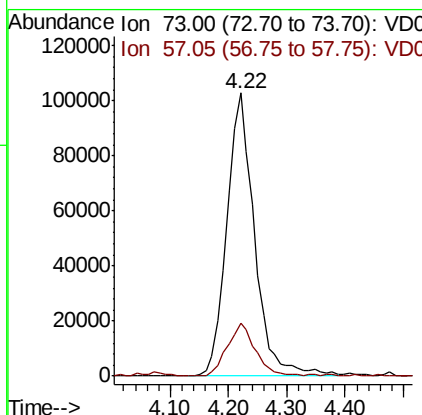
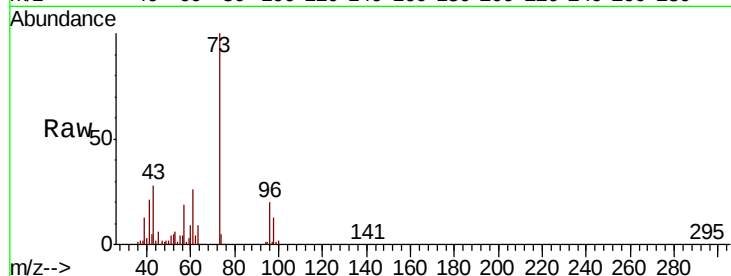




#19  
Methyl tert-butyl Ether  
Concen: 21.532 ug/l  
RT: 4.22 min Scan# 284  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

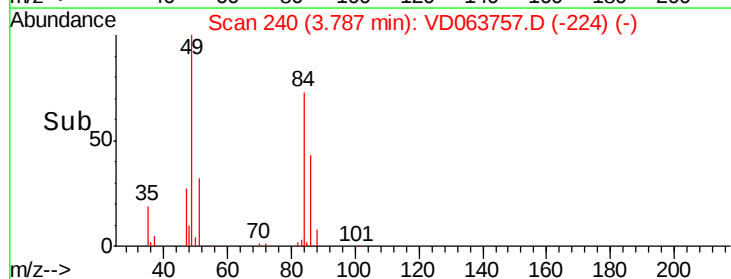
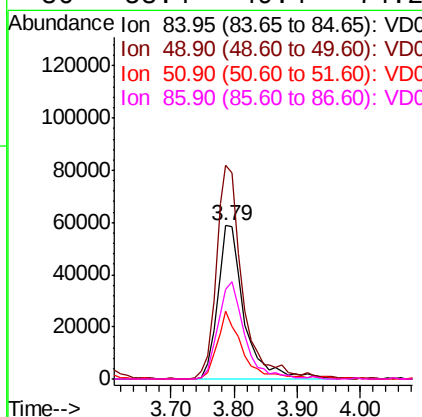
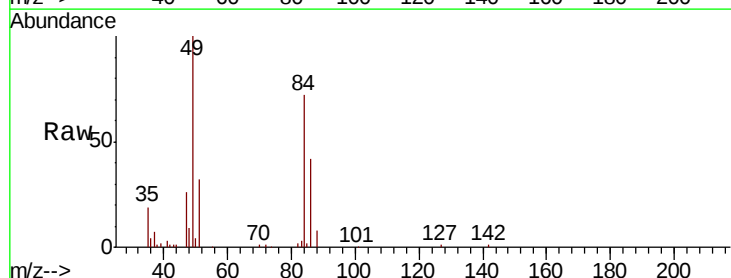
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

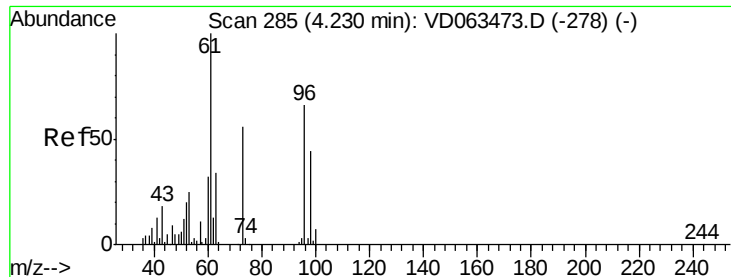
Tgt Ion: 73 Resp: 340253  
Ion Ratio Lower Upper  
73 100  
57 18.8 14.0 21.0



#20  
Methylene Chloride  
Concen: 18.760 ug/l  
RT: 3.79 min Scan# 240  
Delta R.T. -0.04 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 84 Resp: 172367  
Ion Ratio Lower Upper  
84 100  
49 139.2 103.4 155.2  
51 43.9 28.5 42.7#  
86 58.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.903 ug/l

RT: 4.19 min Scan# 281

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

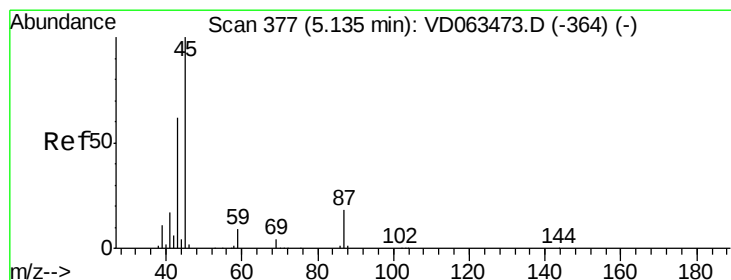
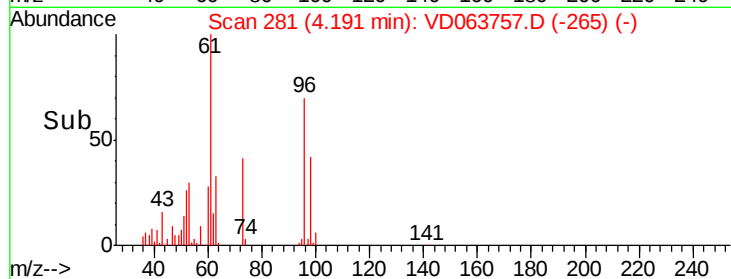
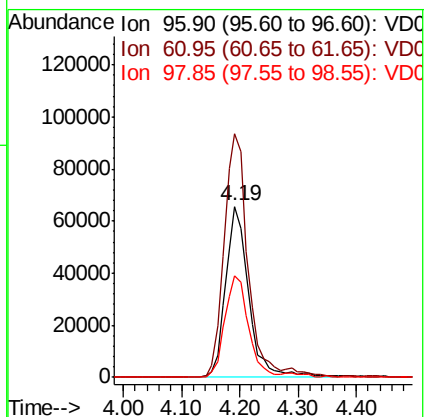
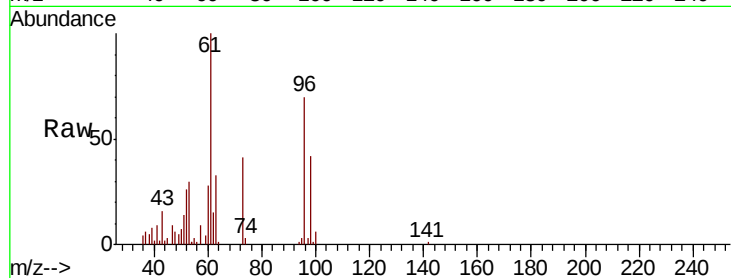
Tgt Ion: 96 Resp: 182125

Ion Ratio Lower Upper

96 100

61 142.3 121.7 182.5

98 59.2 54.2 81.2



#22

Diisopropyl ether

Concen: 20.838 ug/l

RT: 5.11 min Scan# 374

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Tgt Ion: 45 Resp: 510768

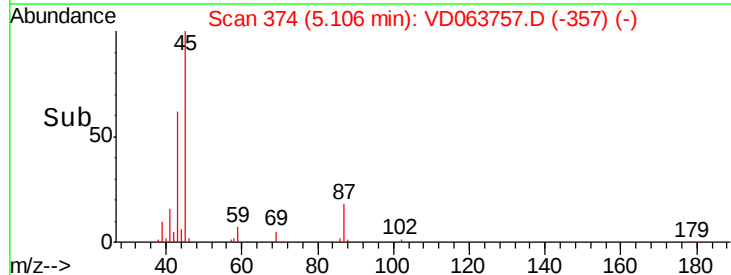
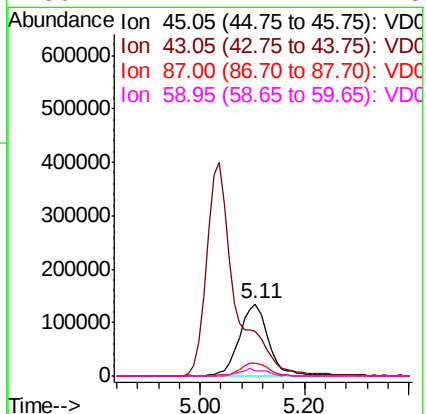
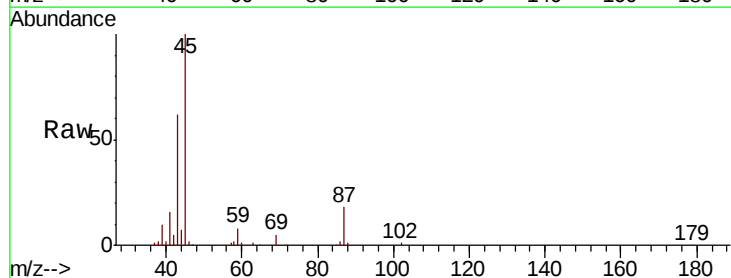
Ion Ratio Lower Upper

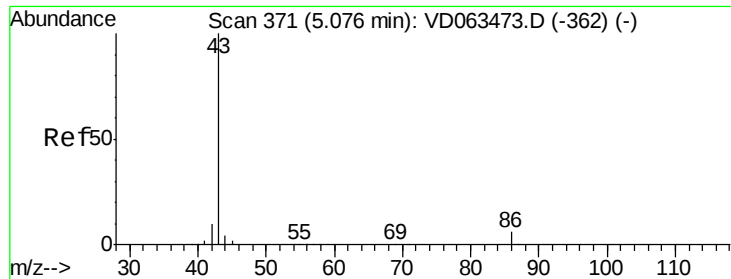
45 100

43 61.5 50.3 75.5

87 18.4 14.3 21.5

59 7.7 7.7 11.5





#23

Vinyl Acetate

Concen: 105.531 ug/l

RT: 5.04 min Scan# 367

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

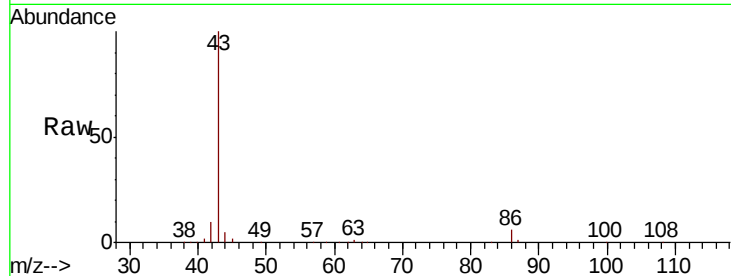
VD0823SBS02

Tgt Ion: 43 Resp: 1503803

Ion Ratio Lower Upper

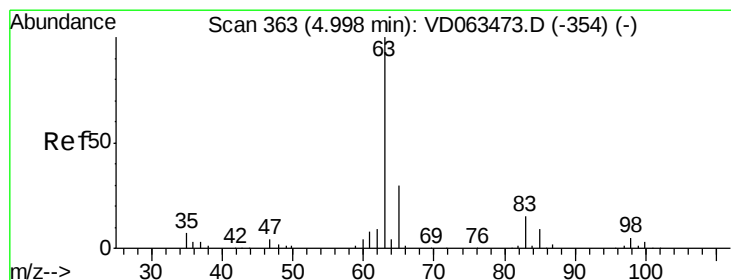
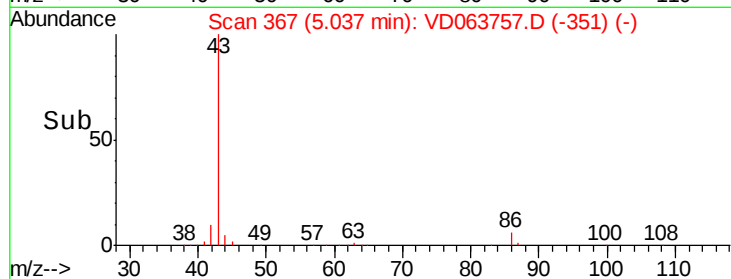
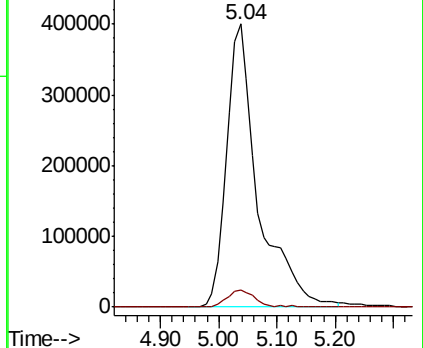
43 100

86 6.1 4.8 7.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.428 ug/l

RT: 4.96 min Scan# 359

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

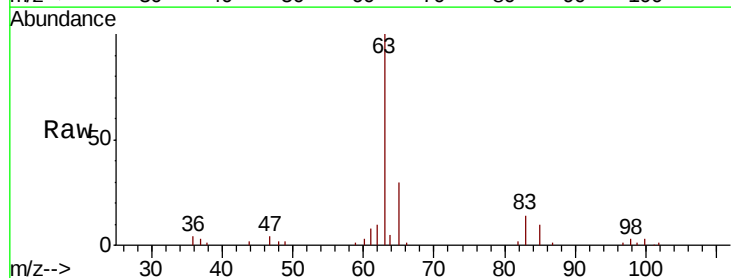
Tgt Ion: 63 Resp: 310567

Ion Ratio Lower Upper

63 100

98 4.0 2.4 7.2

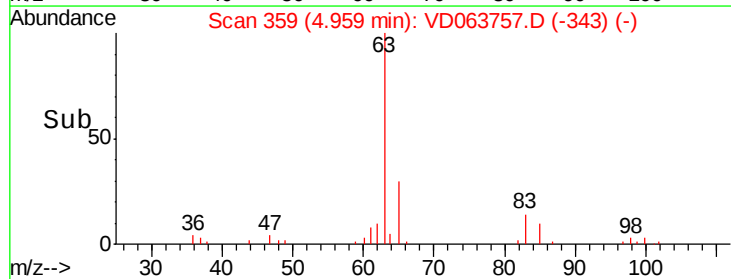
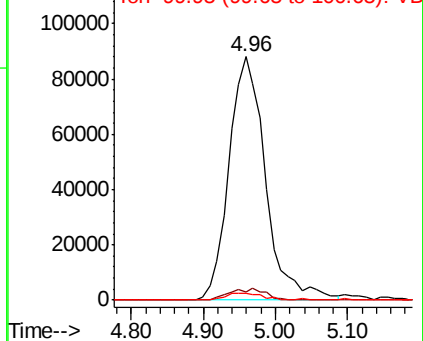
100 2.7 1.3 3.8

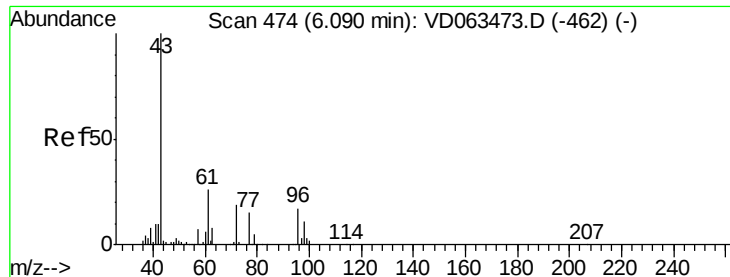


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 100.295 ug/l

RT: 6.05 min Scan# 470

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

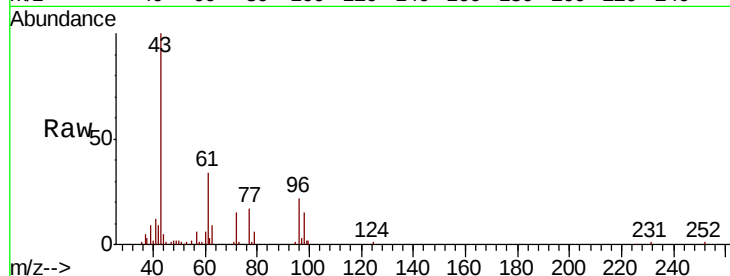
VD0823SBS02

Tgt Ion: 43 Resp: 210475

Ion Ratio Lower Upper

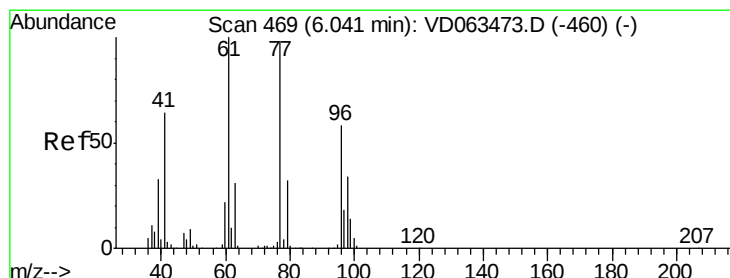
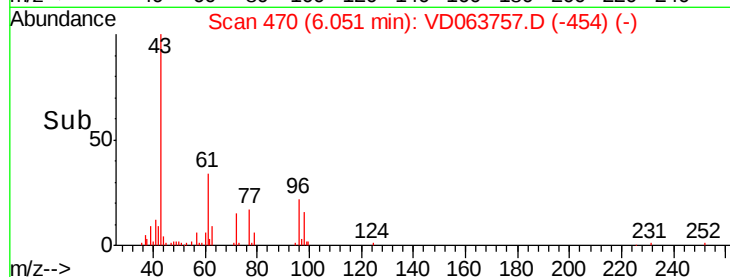
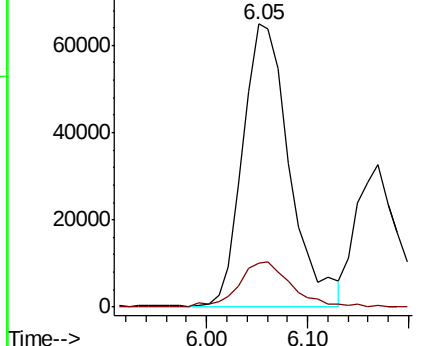
43 100

72 15.4 15.1 22.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 21.514 ug/l

RT: 6.00 min Scan# 465

Delta R.T. -0.04 min

Lab File: VD063757.D

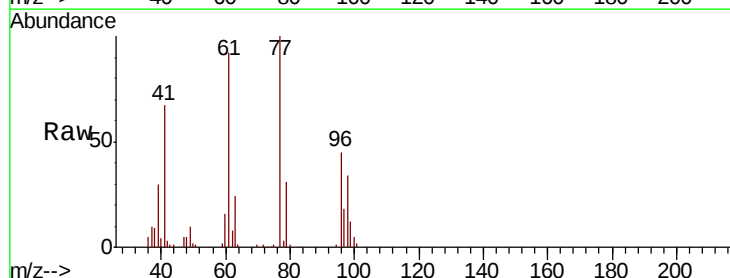
Acq: 23 Aug 2019 11:04

Tgt Ion: 77 Resp: 325770

Ion Ratio Lower Upper

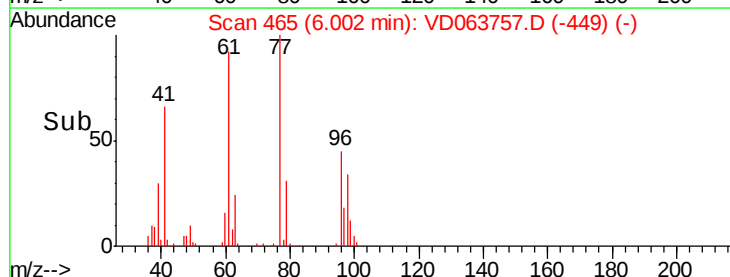
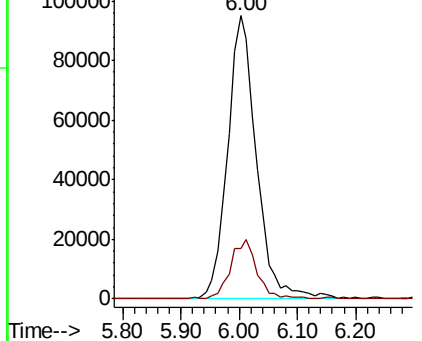
77 100

97 17.8 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



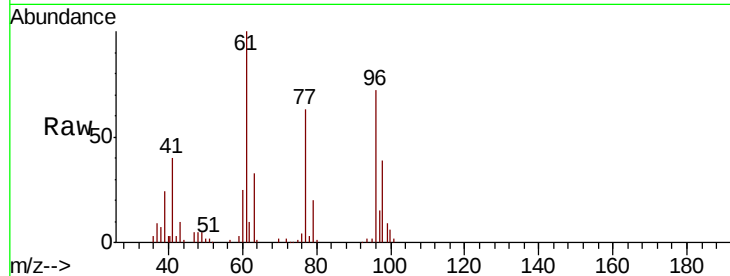


#27

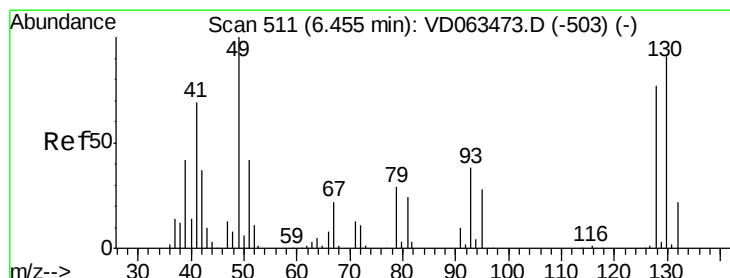
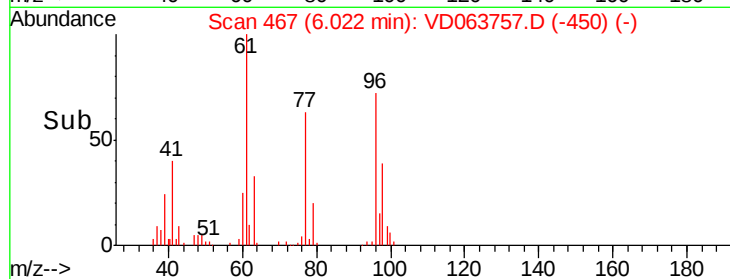
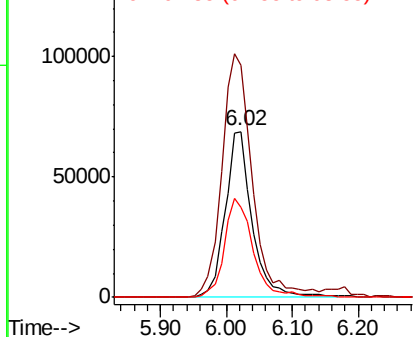
cis-1,2-Dichloroethene  
Concen: 21.659 ug/l  
RT: 6.02 min Scan# 467  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 139.7 | 0.0   | 304.0 |
| 98      | 54.0  | 0.0   | 124.8 |



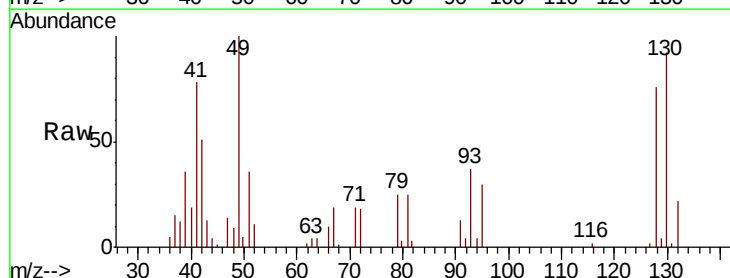
Abundance Ion 95.90 (95.60 to 96.60): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC



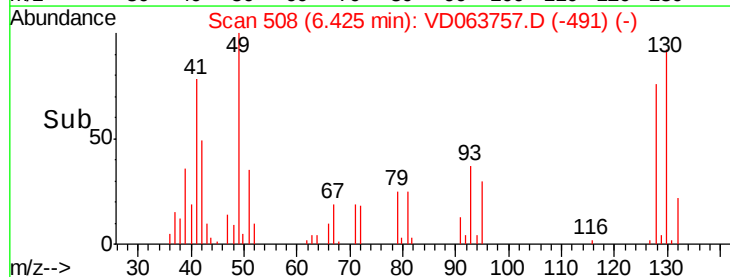
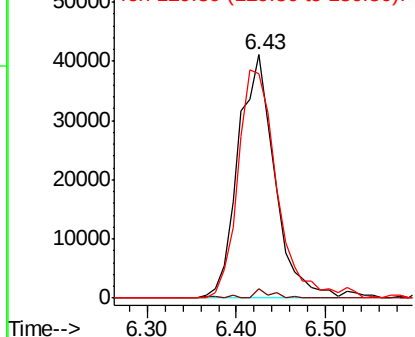
#28

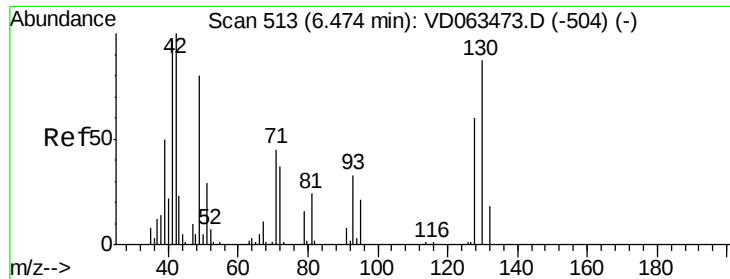
Bromochloromethane  
Concen: 19.011 ug/l  
RT: 6.43 min Scan# 508  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.6   | 0.0   | 6.4   |
| 130     | 92.2  | 72.4  | 108.6 |



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

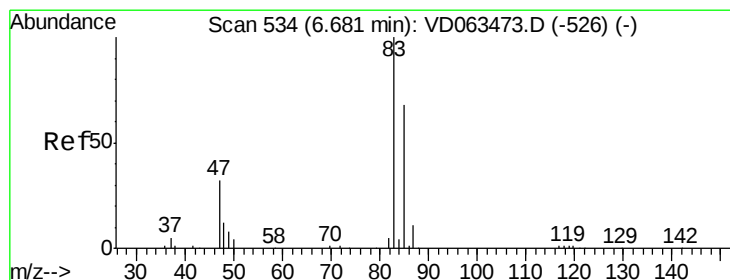
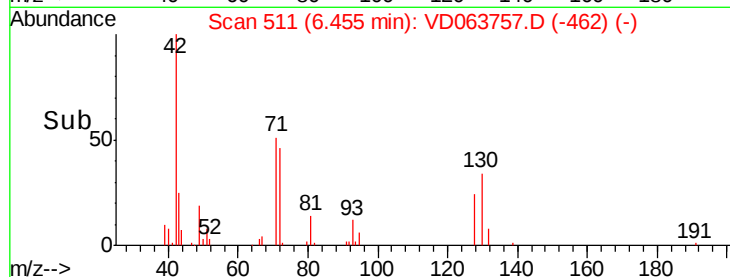
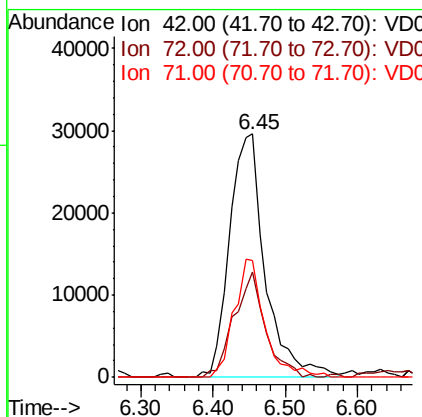
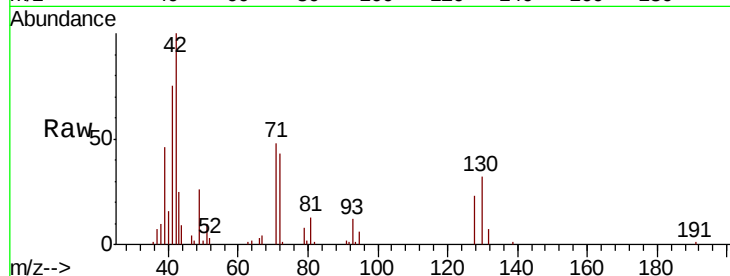




#29  
Tetrahydrofuran  
Concen: 104.053 ug/l  
RT: 6.45 min Scan# 511  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

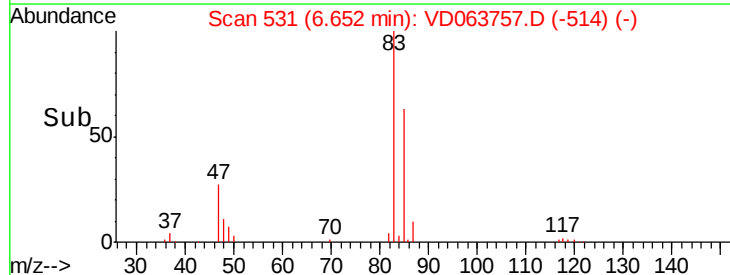
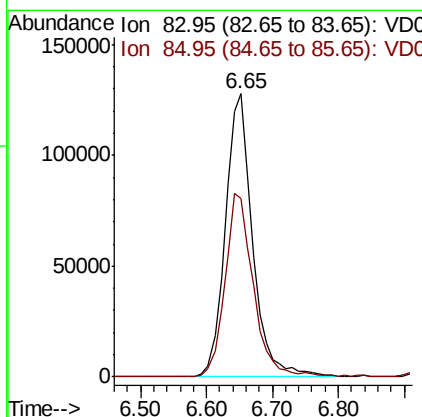
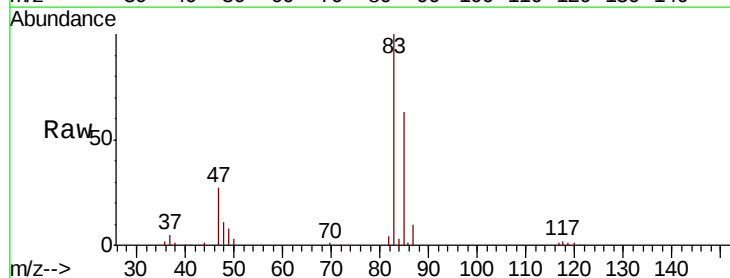
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

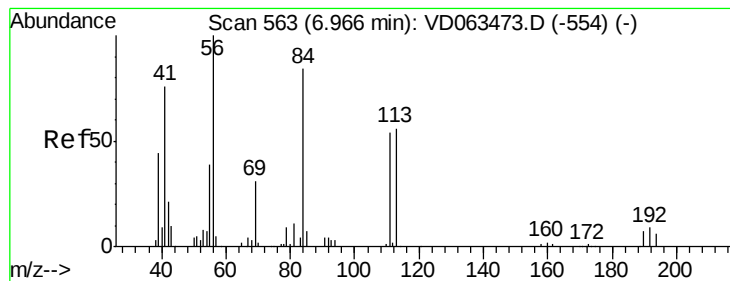
Tgt Ion: 42 Resp: 101751  
Ion Ratio Lower Upper  
42 100  
72 38.2 31.5 47.3  
71 41.7 33.8 50.8



#30  
Chloroform  
Concen: 19.536 ug/l  
RT: 6.65 min Scan# 531  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 83 Resp: 369165  
Ion Ratio Lower Upper  
83 100  
85 63.2 54.8 82.2





#31

Cyclohexane

Concen: 19.978 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

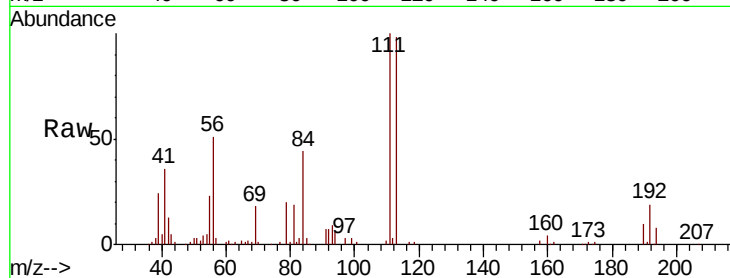
Tgt Ion: 56 Resp: 188549

Ion Ratio Lower Upper

56 100

69 34.4 25.0 37.6

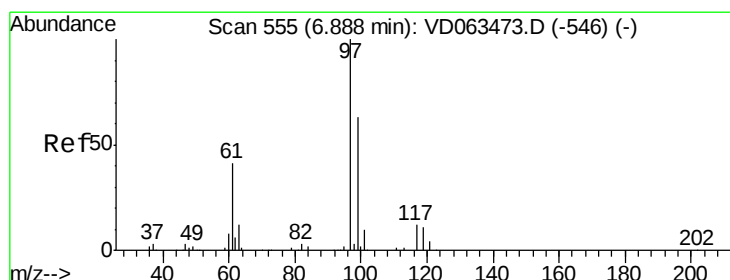
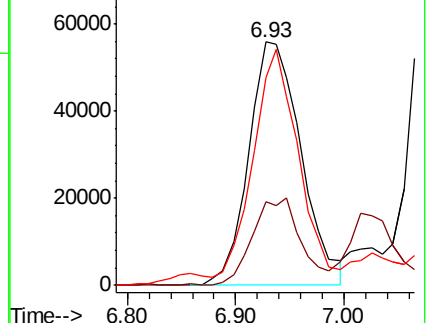
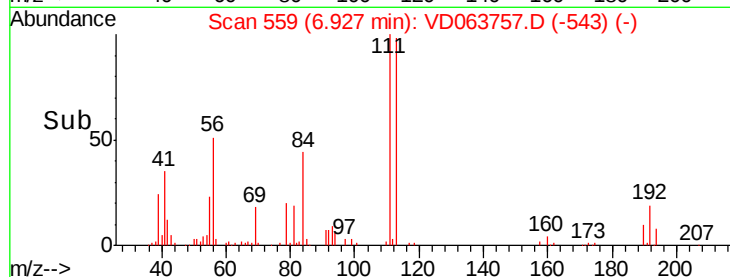
84 85.5 69.7 104.5



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 69.00 (68.70 to 69.70): VDC

Ion 84.05 (83.75 to 84.75): VDC



#32

1,1,1-Trichloroethane

Concen: 20.486 ug/l

RT: 6.85 min Scan# 551

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

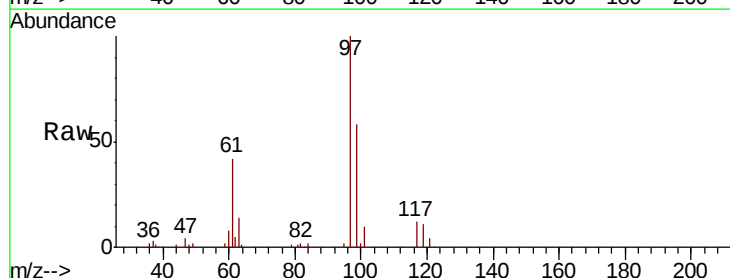
Tgt Ion: 97 Resp: 370319

Ion Ratio Lower Upper

97 100

99 58.0 50.2 75.4

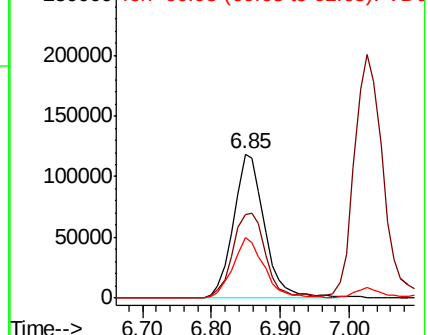
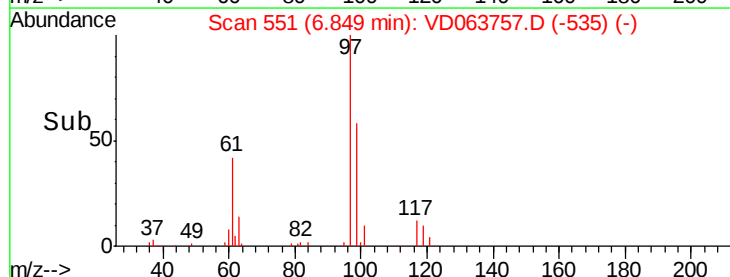
61 42.0 33.1 49.7

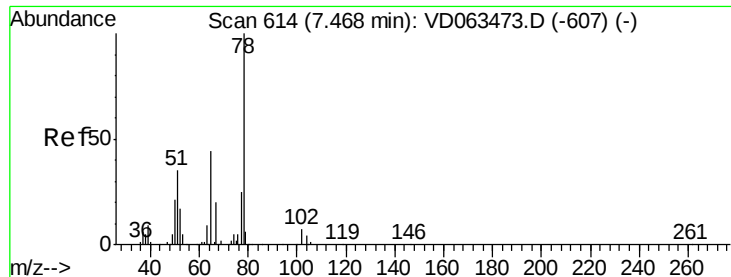


Abundance Ion 96.85 (96.55 to 97.55): VDC

Ion 98.85 (98.55 to 99.55): VDC

Ion 60.95 (60.65 to 61.65): VDC





#33

1,2-Dichloroethane-d4

Concen: 49.867 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

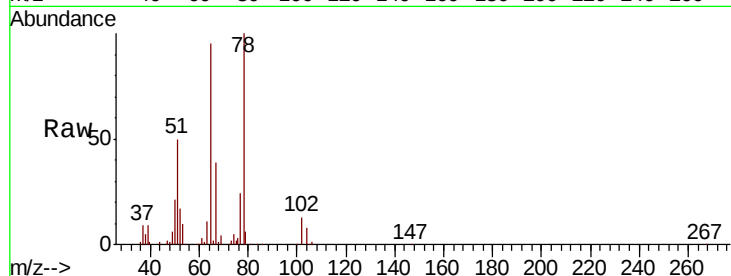
VD0823SBS02

Tgt Ion: 65 Resp: 521248

Ion Ratio Lower Upper

65 100

67 40.6 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

150000

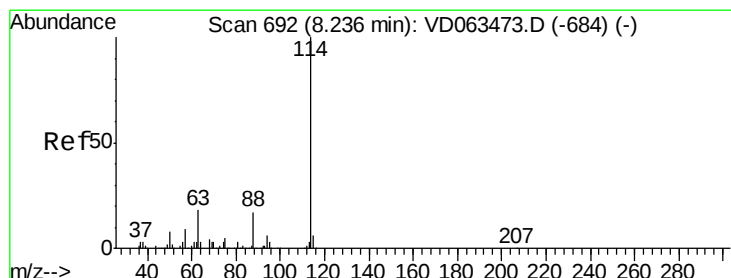
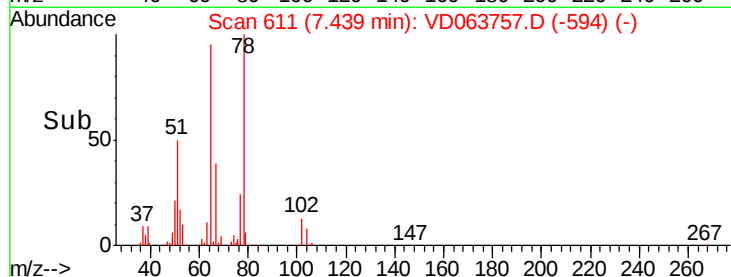
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

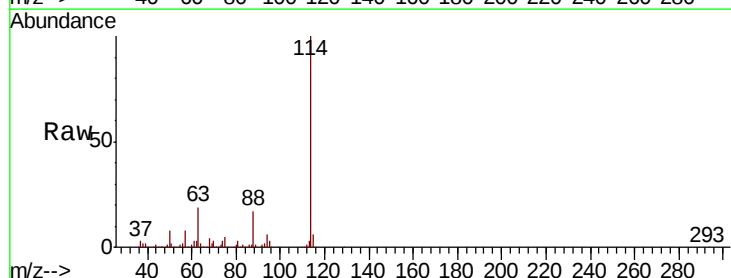
Tgt Ion: 114 Resp: 1302343

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

88 17.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

600000

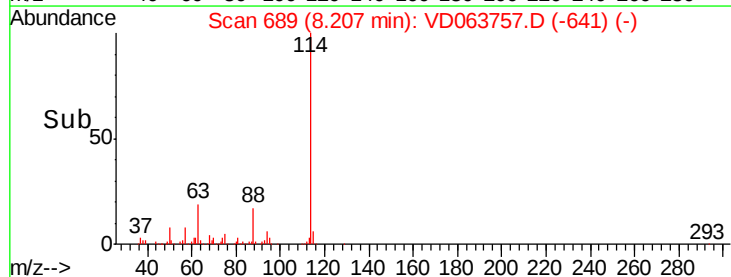
400000

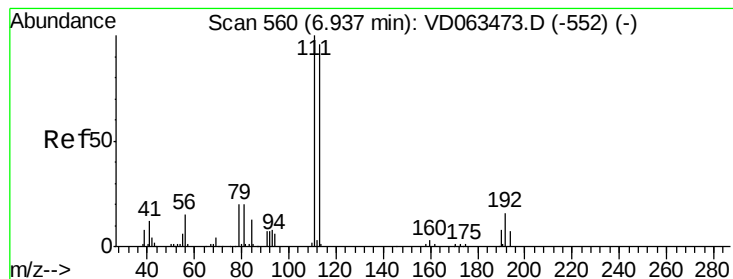
200000

0

8.10 8.20 8.30 8.40

Time-->





#35

Dibromofluoromethane

Concen: 52.051 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

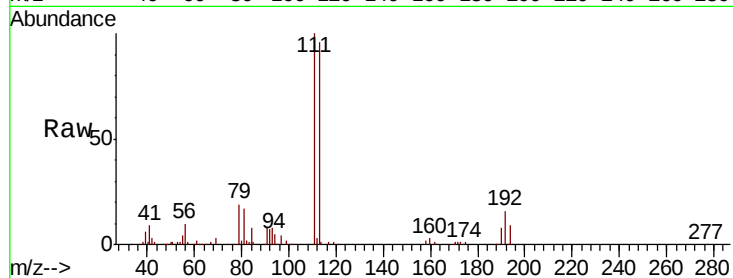
Tgt Ion:113 Resp: 570920

Ion Ratio Lower Upper

113 100

111 104.7 83.1 124.7

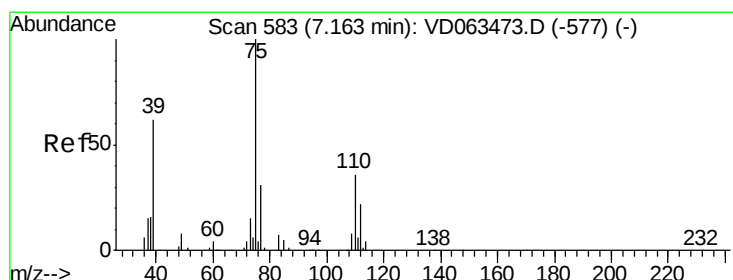
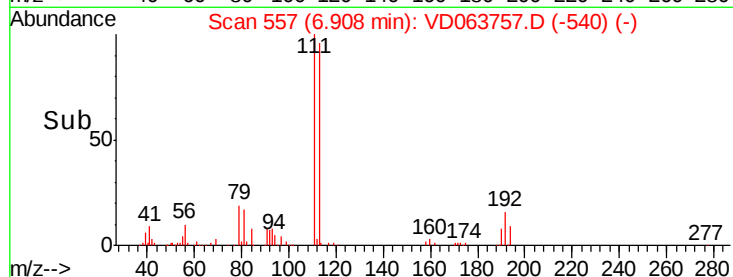
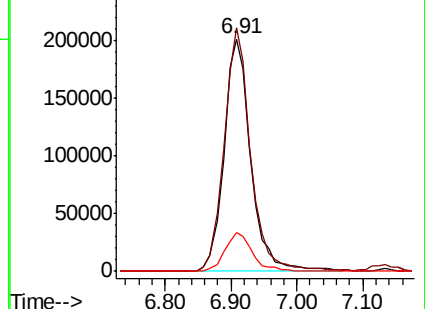
192 16.9 13.1 19.7



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 23.133 ug/l

RT: 7.13 min Scan# 580

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

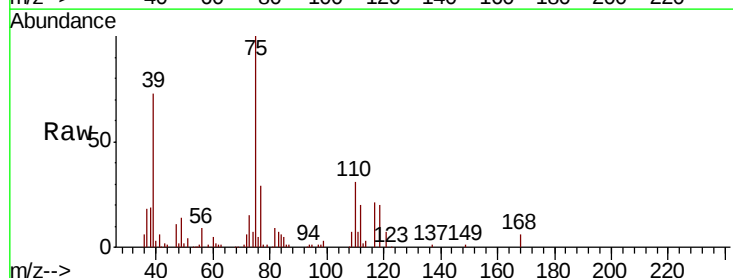
Tgt Ion: 75 Resp: 266334

Ion Ratio Lower Upper

75 100

110 31.0 17.6 52.8

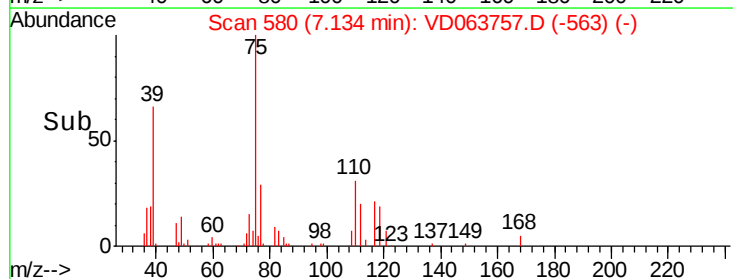
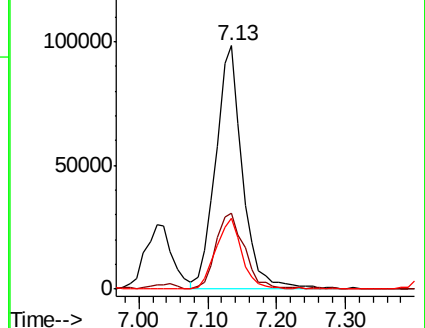
77 29.3 24.3 36.5

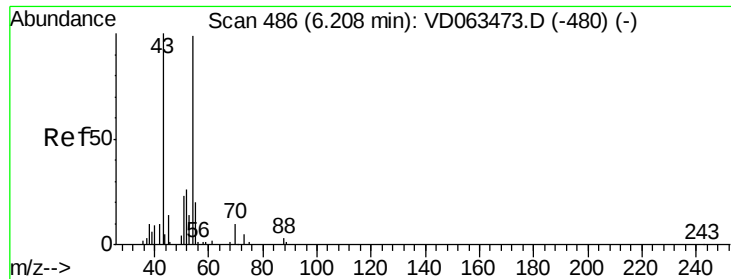


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

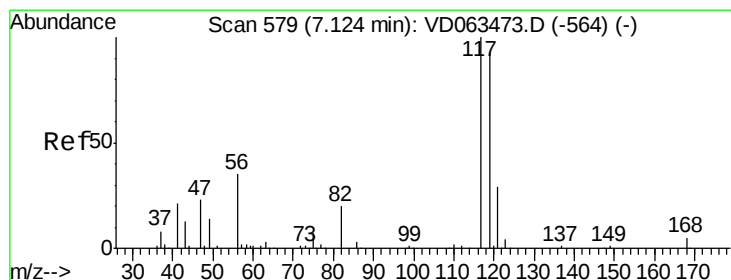
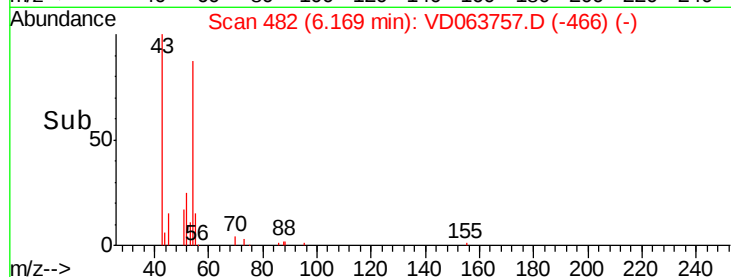
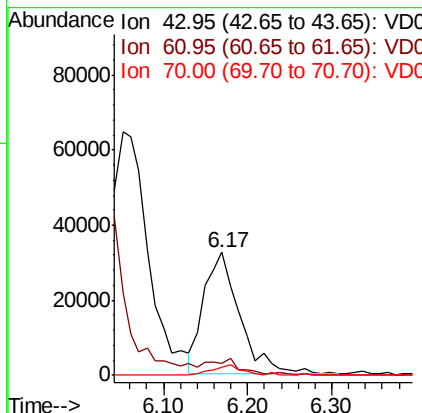
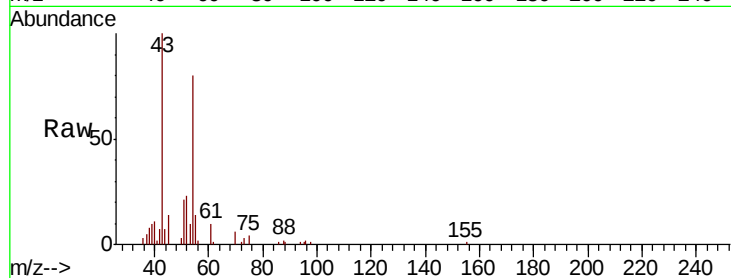




#37  
Ethyl Acetate  
Concen: 19.738 ug/l  
RT: 6.17 min Scan# 482  
Delta R.T. -0.04 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

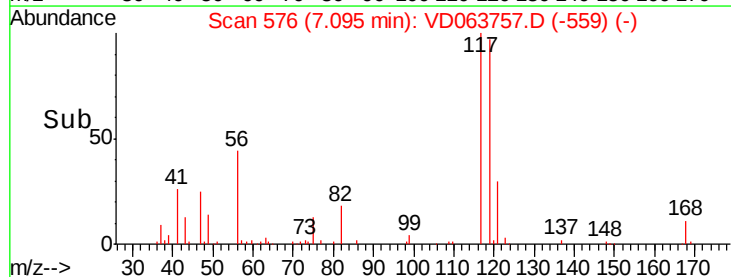
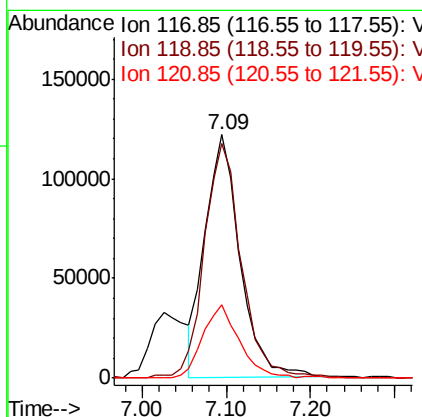
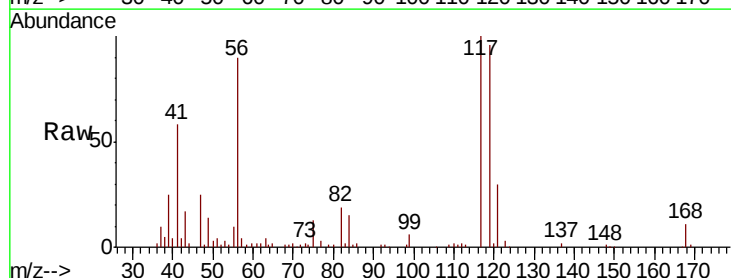
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion: 43 Resp: 95220  
Ion Ratio Lower Upper  
43 100  
61 9.6 9.0 13.6  
70 6.3 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 20.199 ug/l  
RT: 7.09 min Scan# 576  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 117 Resp: 350474  
Ion Ratio Lower Upper  
117 100  
119 96.4 74.2 111.2  
121 30.2 23.1 34.7

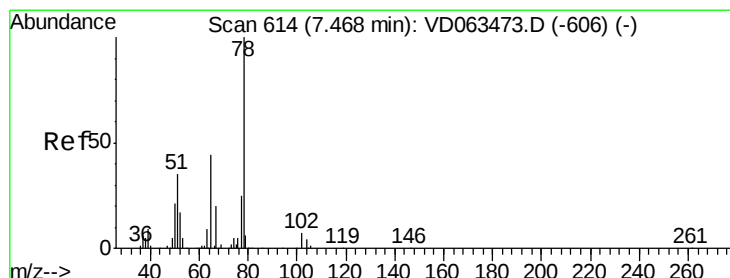
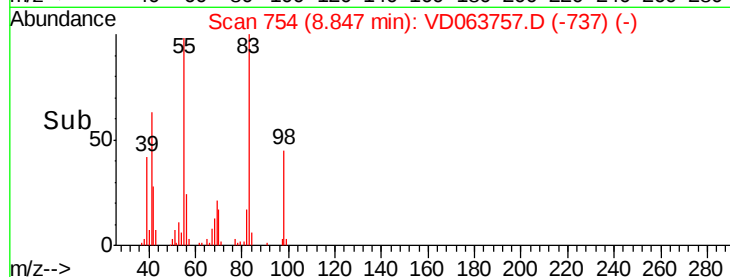
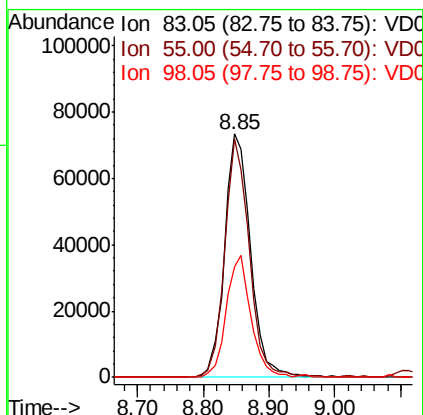
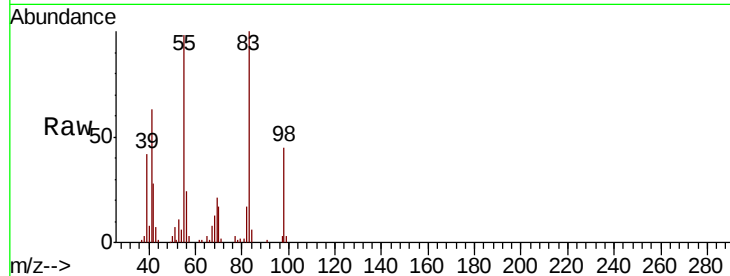




#39  
Methylcyclohexane  
Concen: 20.688 ug/l  
RT: 8.85 min Scan# 754  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

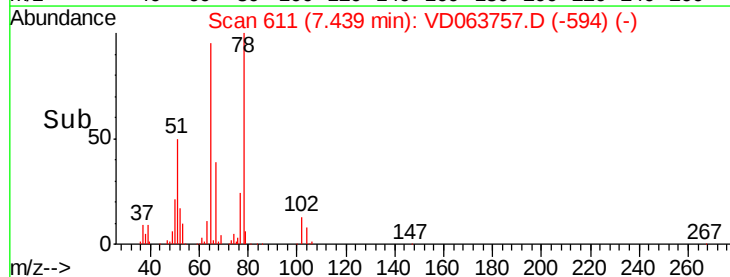
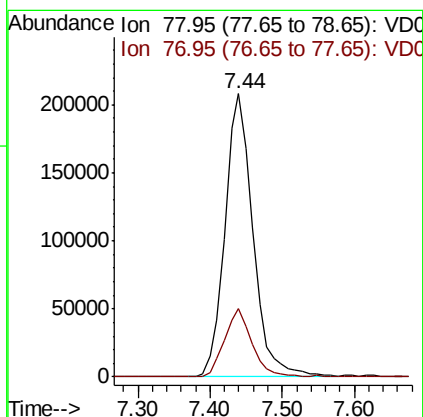
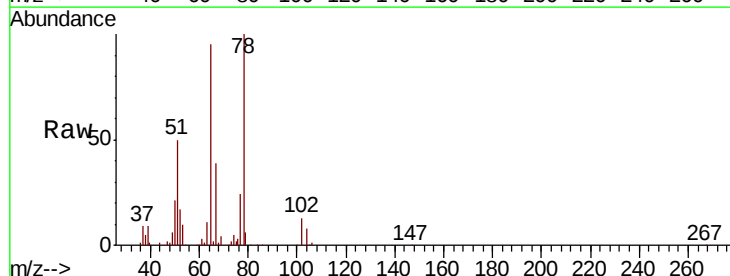
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

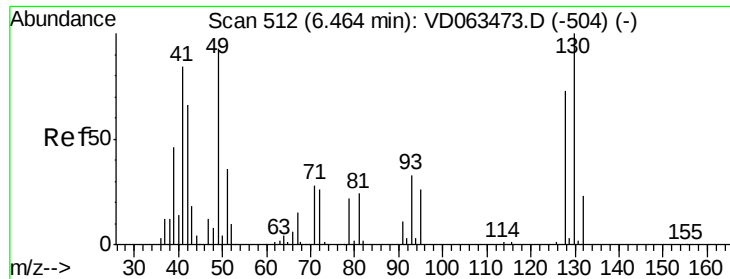
Tgt Ion: 83 Resp: 202538  
Ion Ratio Lower Upper  
83 100  
55 97.8 76.6 114.8  
98 45.4 39.4 59.0



#40  
Benzene  
Concen: 22.162 ug/l  
RT: 7.44 min Scan# 611  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 78 Resp: 561500  
Ion Ratio Lower Upper  
78 100  
77 23.9 20.1 30.1





#41

Methacrylonitrile

Concen: 20.723 ug/l

RT: 6.43 min Scan# 508

Delta R.T. -0.04 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

Tgt Ion: 41 Resp: 125879

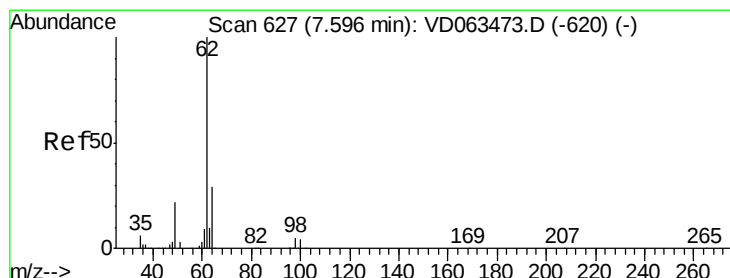
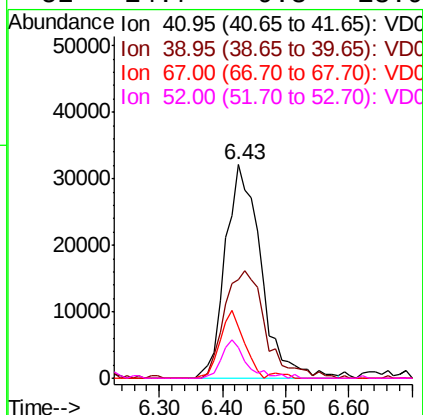
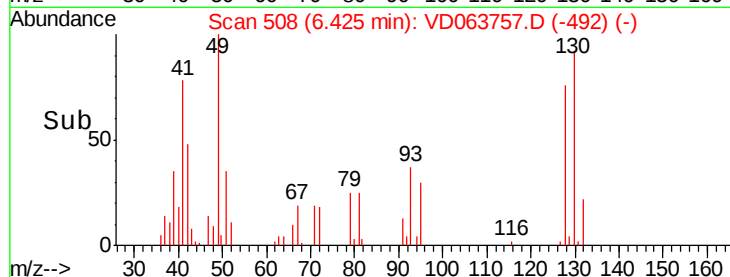
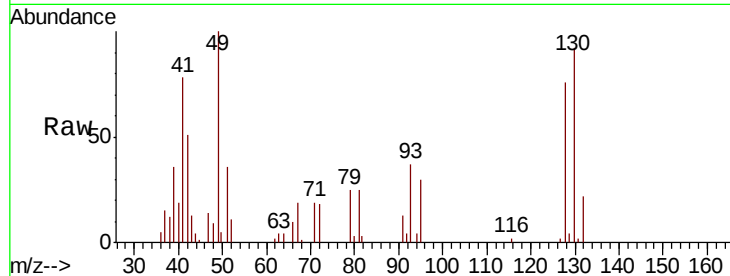
Ion Ratio Lower Upper

41 100

39 46.0 44.6 66.8

67 23.9 14.4 21.6#

52 14.7 9.3 13.9#



#42

1,2-Dichloroethane

Concen: 20.626 ug/l

RT: 7.56 min Scan# 623

Delta R.T. -0.04 min

Lab File: VD063757.D

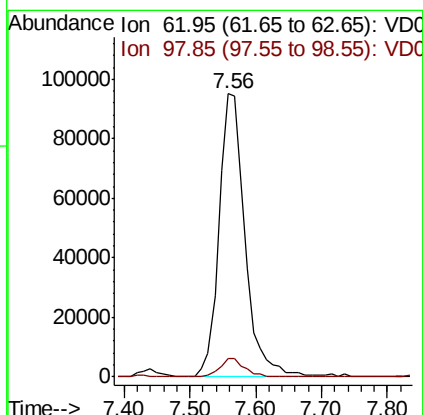
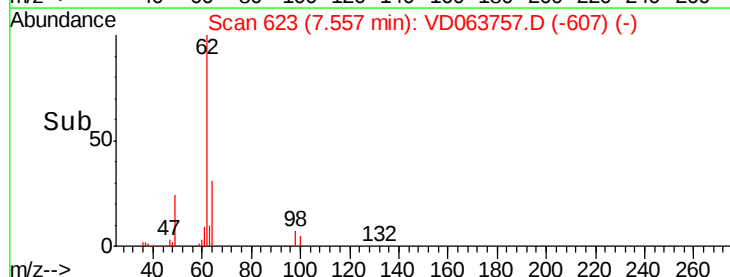
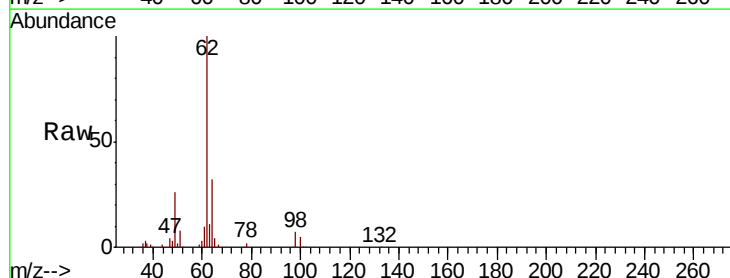
Acq: 23 Aug 2019 11:04

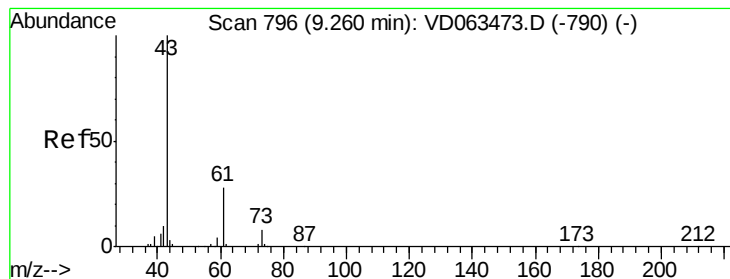
Tgt Ion: 62 Resp: 262765

Ion Ratio Lower Upper

62 100

98 6.7 0.0 10.4





#43

Isopropyl Acetate

Concen: 19.603 ug/l

RT: 9.23 min Scan# 793

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

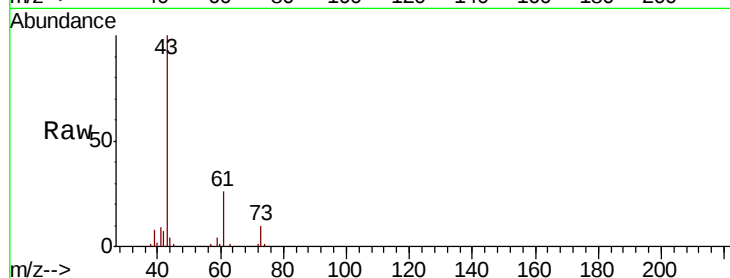
Tgt Ion: 43 Resp: 126662

Ion Ratio Lower Upper

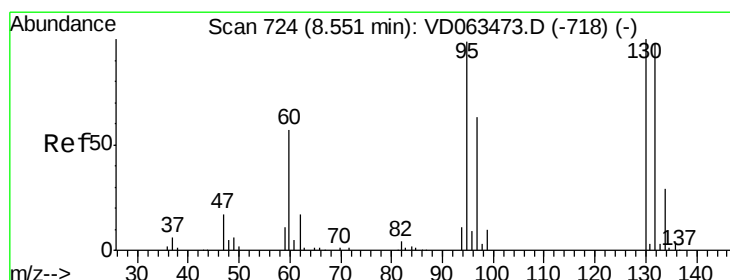
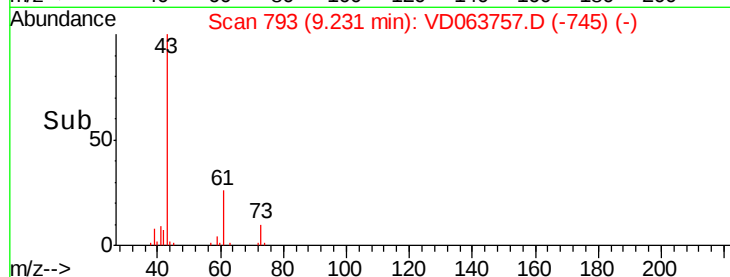
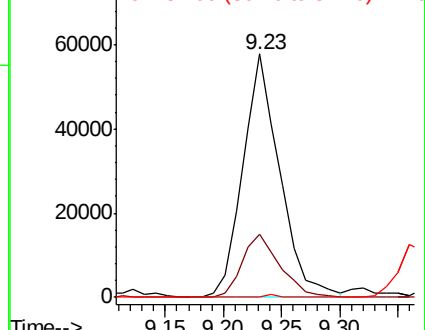
43 100

61 26.2 22.2 33.2

87 0.0 0.2 0.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC  
Ion 60.95 (60.65 to 61.65): VDC  
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 22.837 ug/l

RT: 8.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: VD063757.D

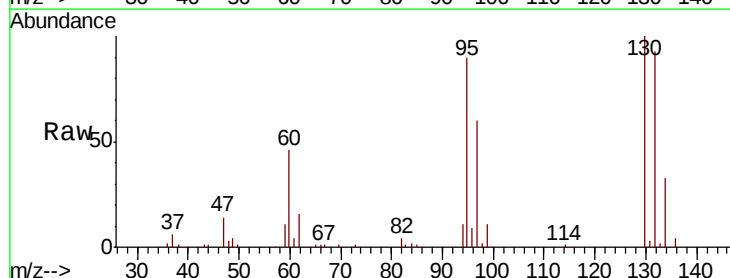
Acq: 23 Aug 2019 11:04

Tgt Ion: 130 Resp: 221157

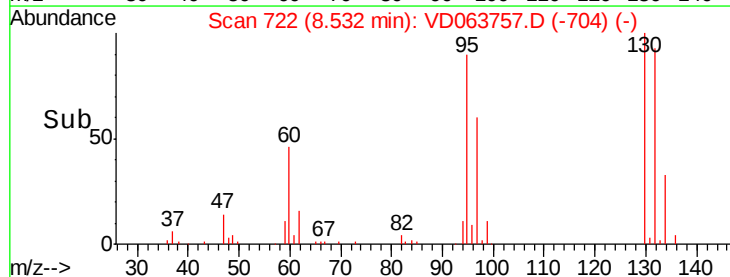
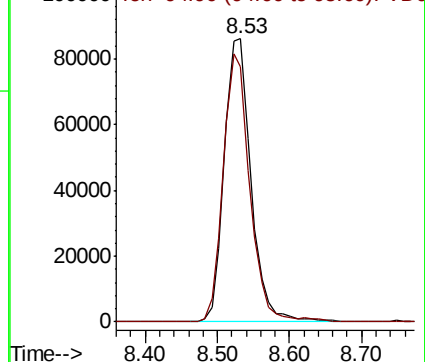
Ion Ratio Lower Upper

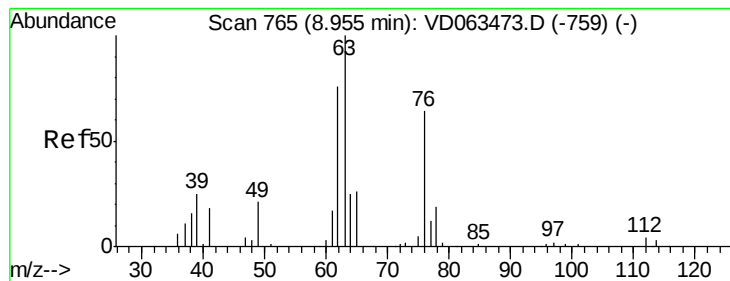
130 100

95 90.0 0.0 198.0



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





#45

1,2-Dichloropropane

Concen: 21.498 ug/l

RT: 8.93 min Scan# 762

Delta R.T. -0.03 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

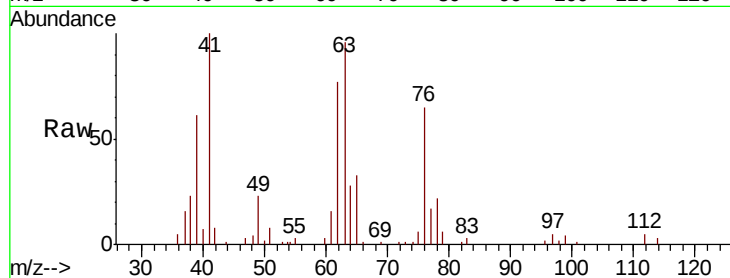
VD0823SBS02

Tgt Ion: 63 Resp: 126844

Ion Ratio Lower Upper

63 100

65 34.3 22.5 33.7#



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.93

60000

50000

40000

30000

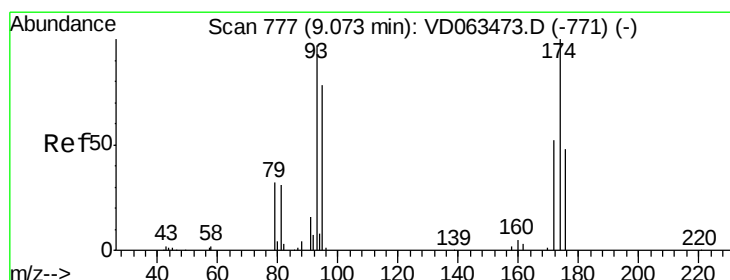
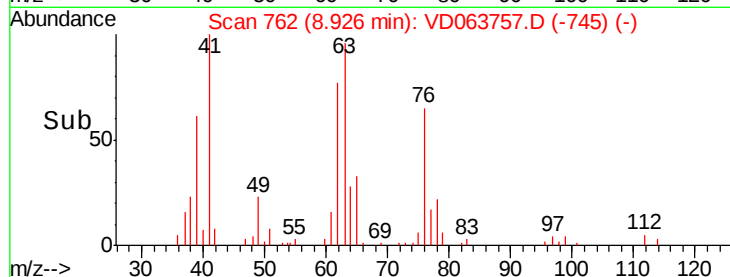
20000

10000

0

8.80 8.90 9.00 9.10

Time-->



#46

Dibromomethane

Concen: 21.477 ug/l

RT: 9.05 min Scan# 775

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

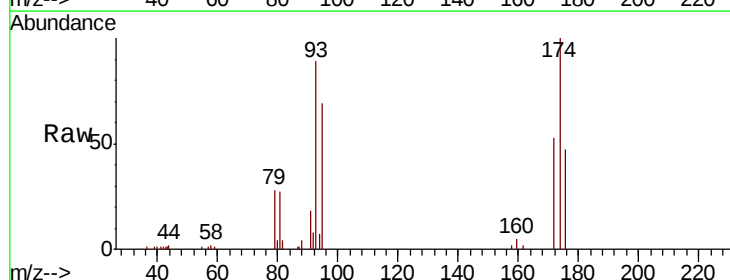
Tgt Ion: 93 Resp: 108217

Ion Ratio Lower Upper

93 100

95 77.6 64.2 96.2

174 112.7 82.1 123.1



Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V

9.05

60000

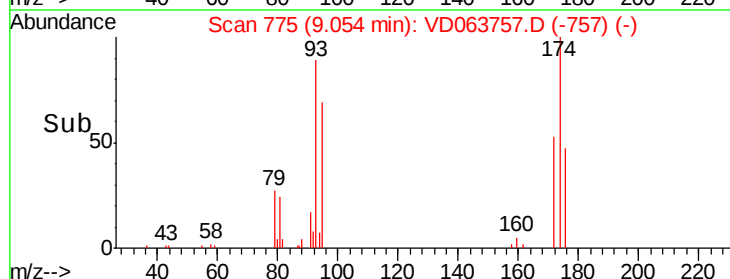
40000

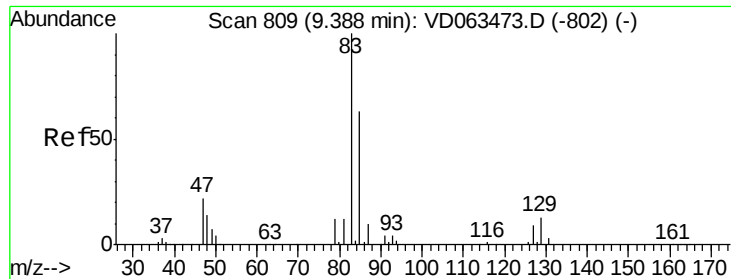
20000

0

9.00 9.10 9.20

Time-->





#47

Bromodichloromethane

Concen: 21.912 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

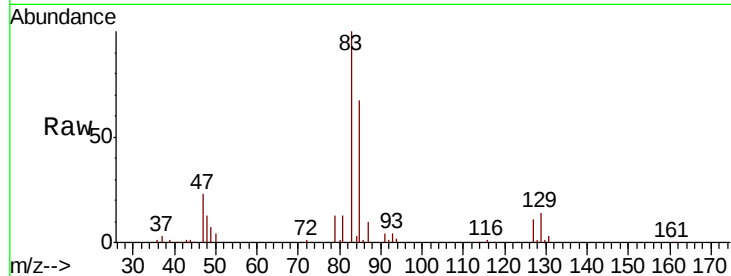
Tgt Ion: 83 Resp: 283202

Ion Ratio Lower Upper

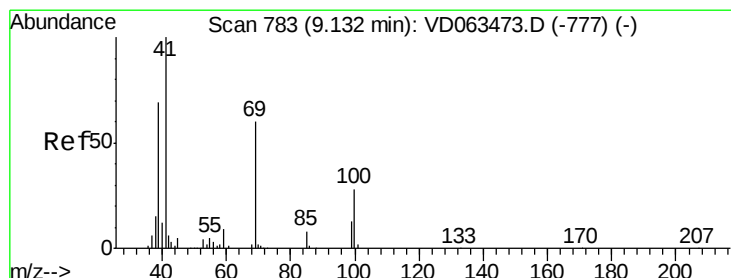
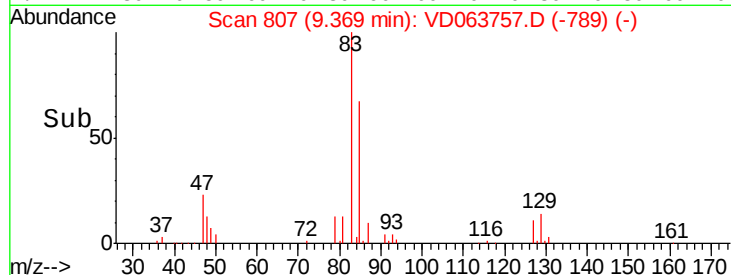
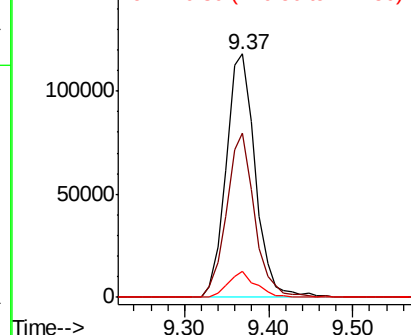
83 100

85 67.4 50.1 75.1

127 10.7 7.6 11.4



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



#48

Methyl methacrylate

Concen: 20.658 ug/l

RT: 9.11 min Scan# 781

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

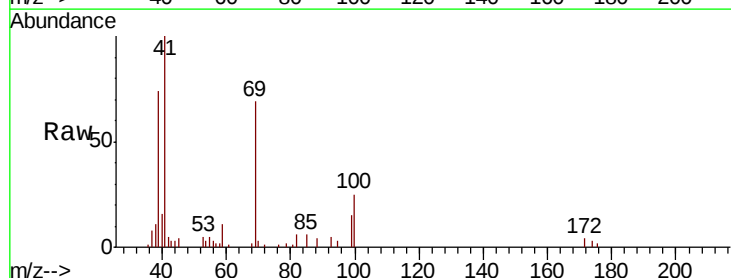
Tgt Ion: 41 Resp: 90523

Ion Ratio Lower Upper

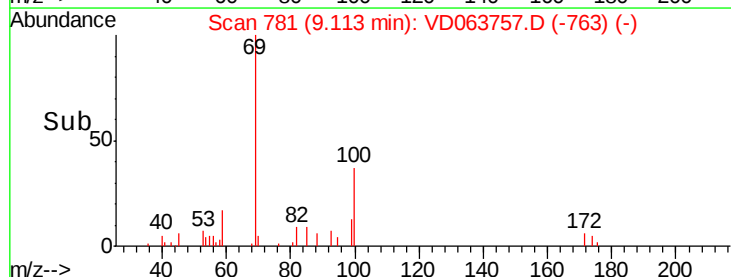
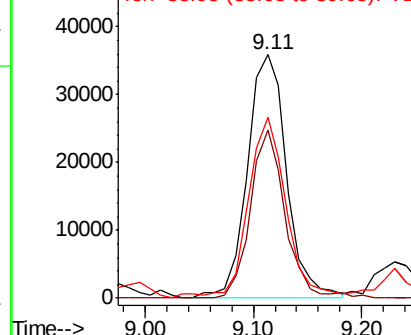
41 100

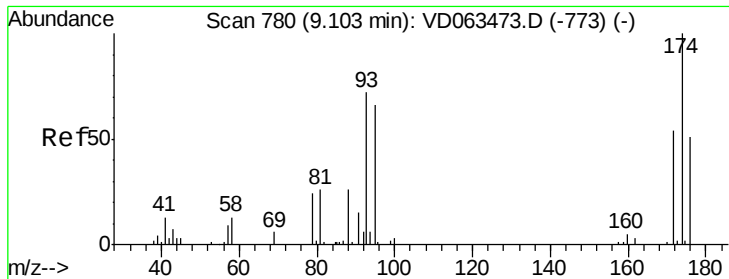
69 68.9 47.6 71.4

39 74.1 55.7 83.5



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

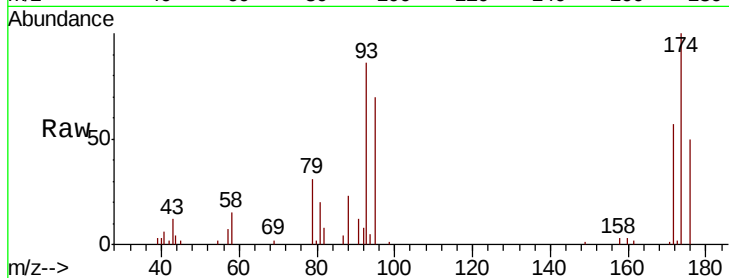




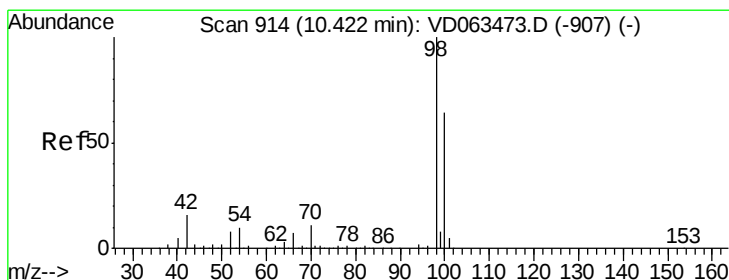
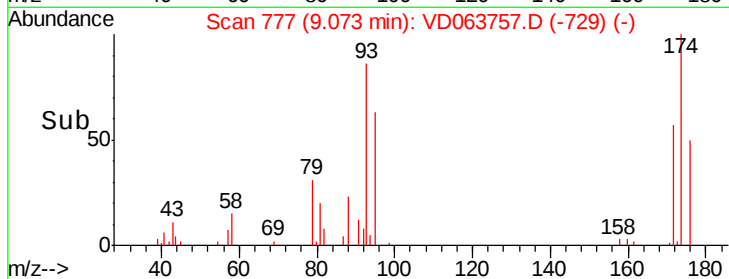
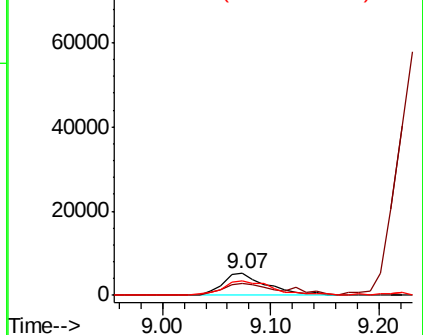
#49  
 1,4-Dioxane  
 Concen: 391.767 ug/l  
 RT: 9.07 min Scan# 777  
 Delta R.T. -0.03 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

Tgt Ion: 88 Resp: 14726  
 Ion Ratio Lower Upper  
 88 100  
 43 70.6 22.9 34.3#  
 58 66.1 40.1 60.1#

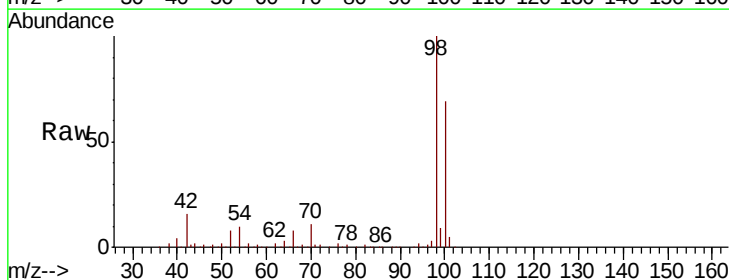


Abundance Ion 88.00 (87.70 to 88.70): VDC  
 Ion 43.05 (42.75 to 43.75): VDC  
 Ion 57.95 (57.65 to 58.65): VDC

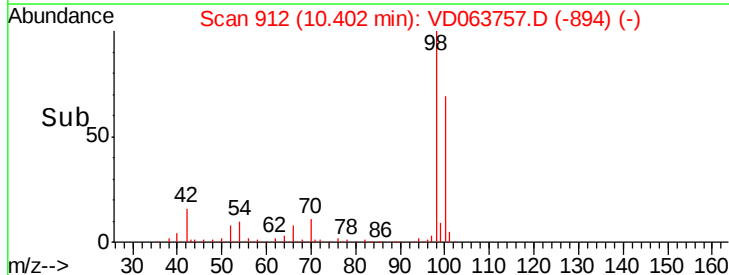
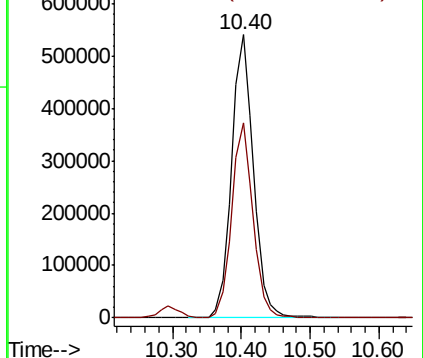


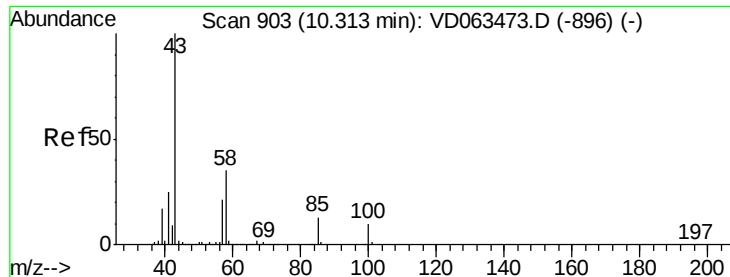
#50  
 Toluene-d8  
 Concen: 49.060 ug/l  
 RT: 10.40 min Scan# 912  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion: 98 Resp: 1183049  
 Ion Ratio Lower Upper  
 98 100  
 100 68.9 51.7 77.5



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

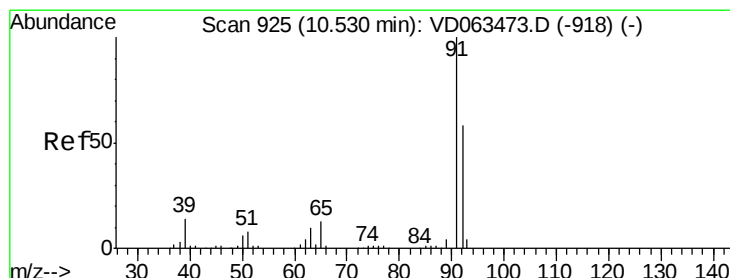
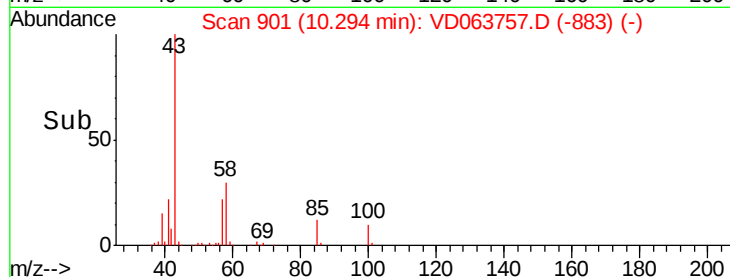
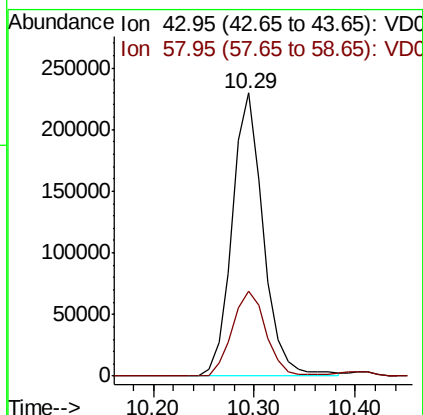
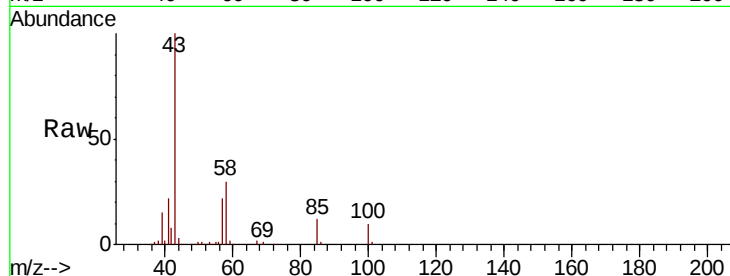




#51  
 4-Methyl-2-Pentanone  
 Concen: 111.424 ug/l  
 RT: 10.29 min Scan# 901  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

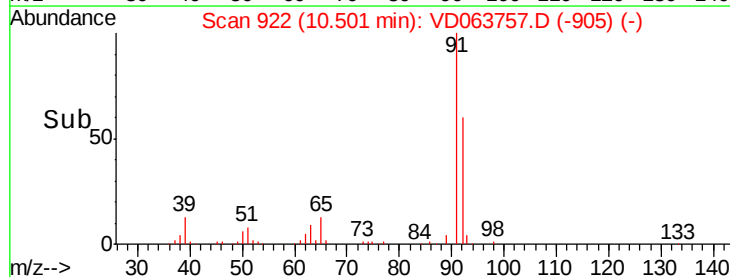
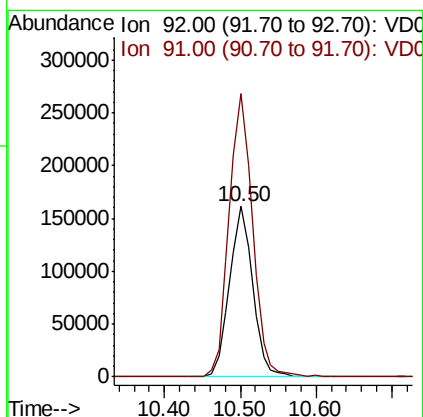
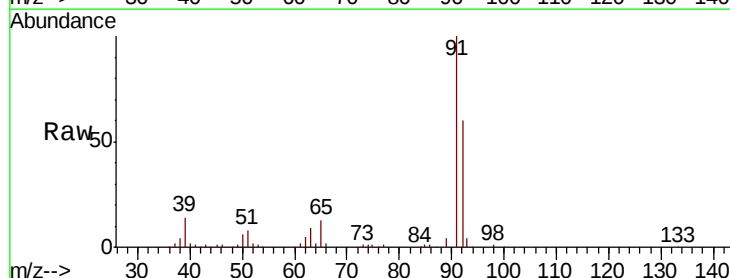
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

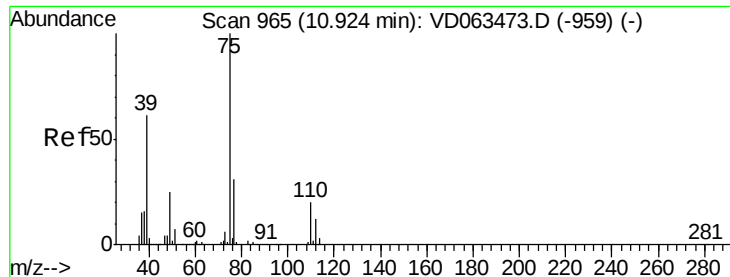
Tgt Ion: 43 Resp: 492635  
 Ion Ratio Lower Upper  
 43 100  
 58 29.9 28.0 42.0



#52  
 Toluene  
 Concen: 20.921 ug/l  
 RT: 10.50 min Scan# 922  
 Delta R.T. -0.03 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion: 92 Resp: 341406  
 Ion Ratio Lower Upper  
 92 100  
 91 166.4 137.9 206.9

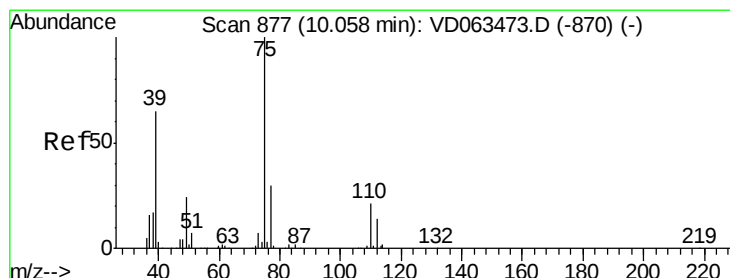
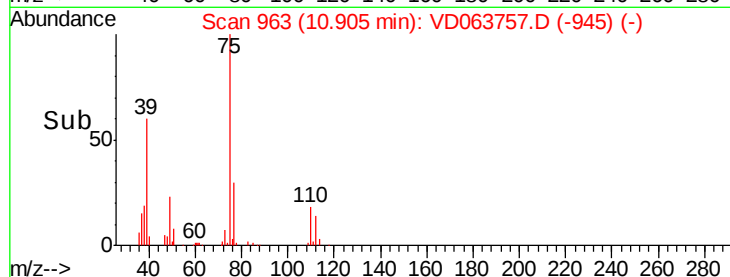
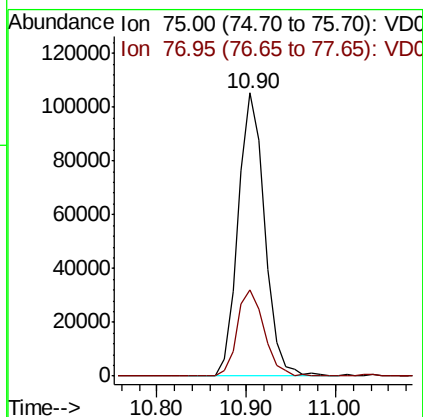
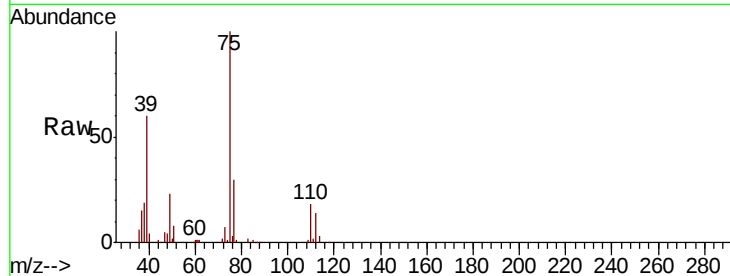




#53  
t-1,3-Dichloropropene  
Concen: 20.699 ug/l  
RT: 10.90 min Scan# 963  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

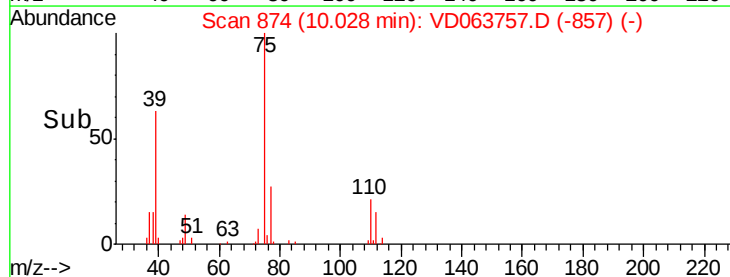
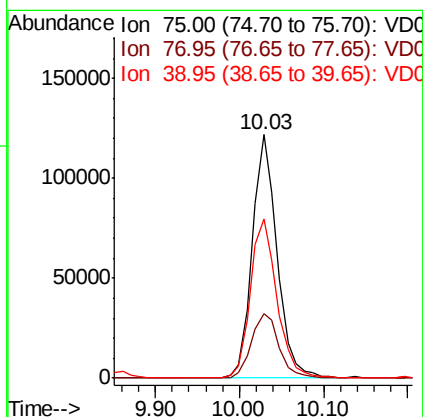
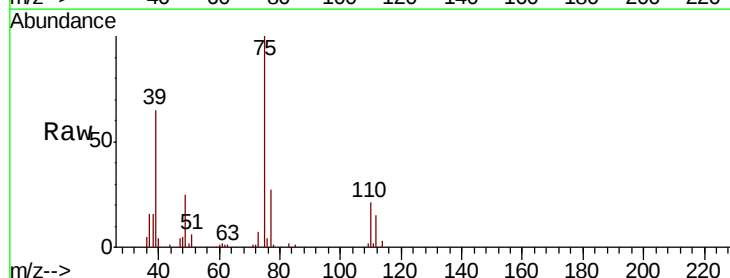
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

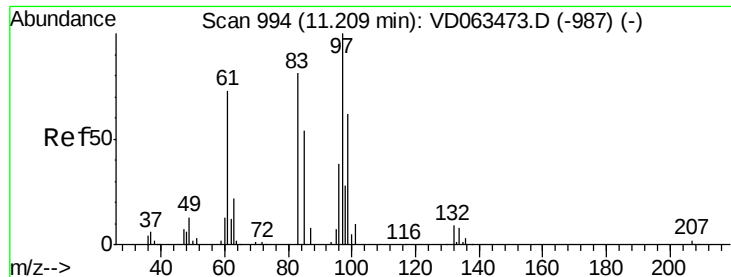
Tgt Ion: 75 Resp: 218332  
Ion Ratio Lower Upper  
75 100  
77 30.4 24.5 36.7



#54  
cis-1,3-Dichloropropene  
Concen: 21.241 ug/l  
RT: 10.03 min Scan# 874  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 75 Resp: 252630  
Ion Ratio Lower Upper  
75 100  
77 26.7 23.7 35.5  
39 65.4 52.2 78.4

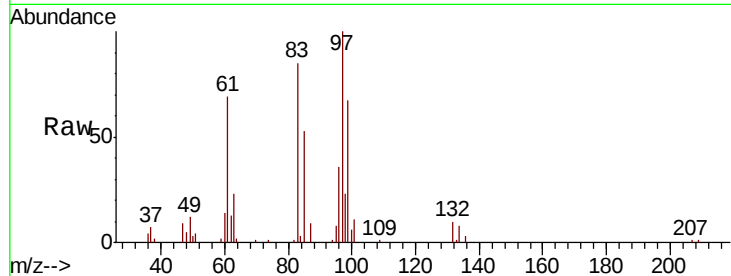




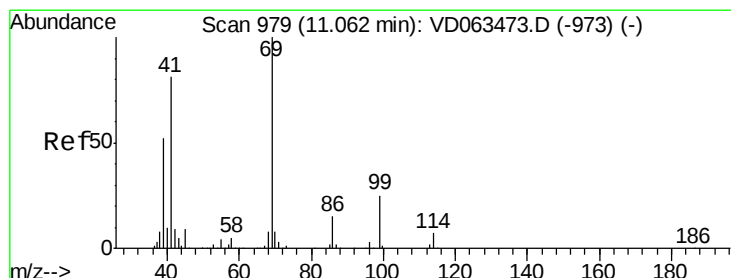
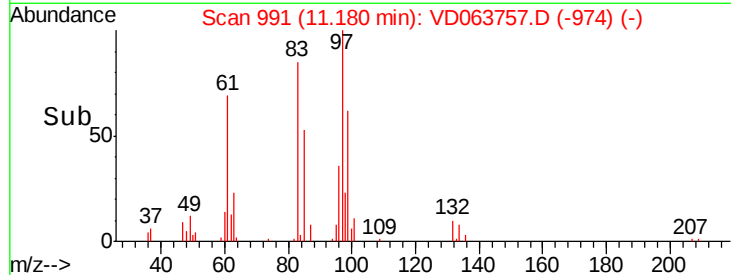
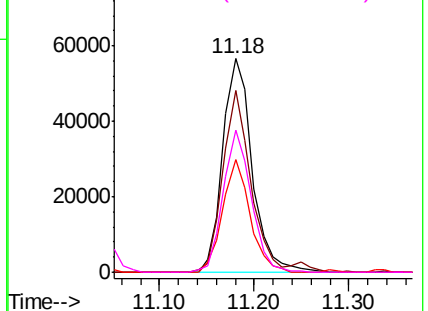
#55  
 1,1,2-Trichloroethane  
 Concen: 22.219 ug/l  
 RT: 11.18 min Scan# 991  
 Delta R.T. -0.03 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 122481 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 64.7  | 97.1   |
| 85       | 52.8  | 42.9  | 64.3   |
| 99       | 66.6  | 49.7  | 74.5   |

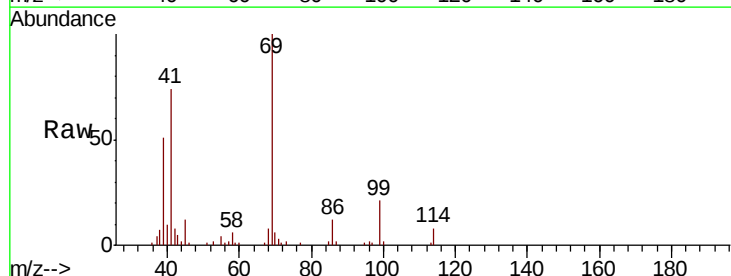


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

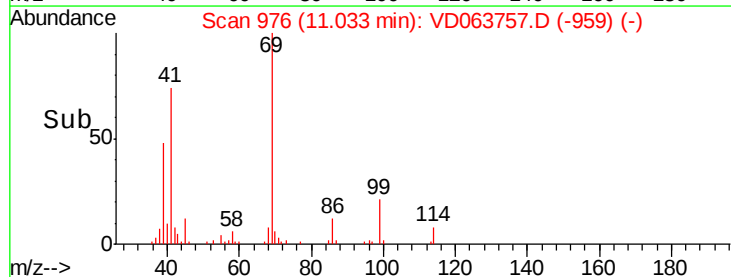
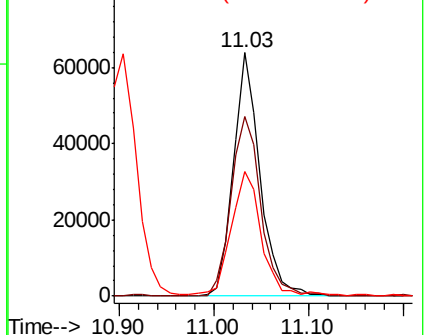


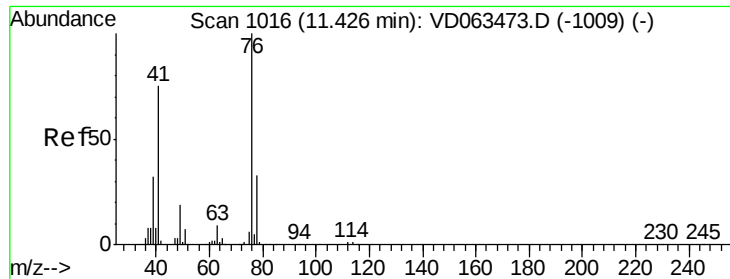
#56  
 Ethyl methacrylate  
 Concen: 20.861 ug/l  
 RT: 11.03 min Scan# 976  
 Delta R.T. -0.03 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 124817 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 74.0  | 64.8  | 97.2   |
| 39       | 50.9  | 42.4  | 63.6   |



Abundance Ion 69.00 (68.70 to 69.70): VDC  
 Ion 41.05 (40.75 to 41.75): VDC  
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 22.576 ug/l

RT: 11.41 min Scan# 1014

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

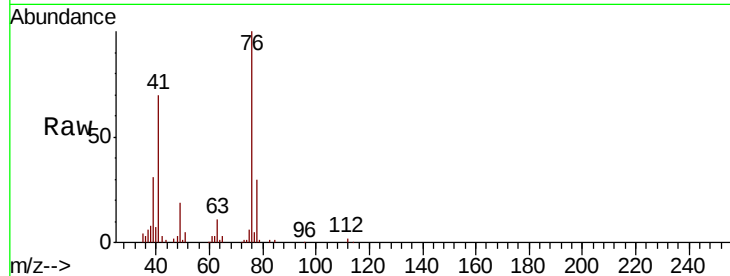
VD0823SBS02

Tgt Ion: 76 Resp: 188111

Ion Ratio Lower Upper

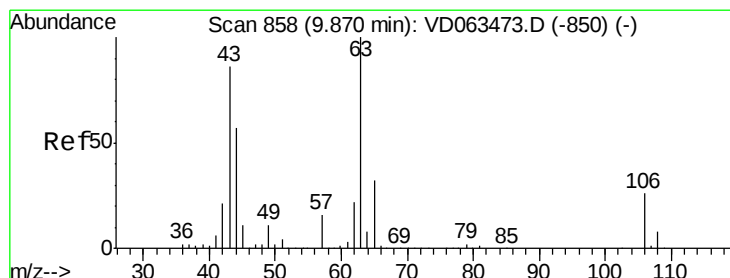
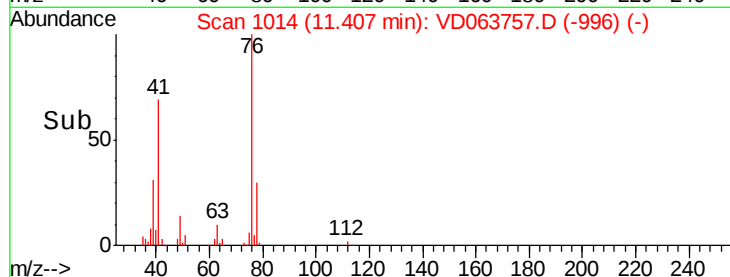
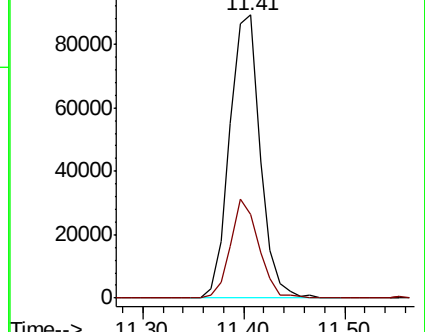
76 100

78 29.6 26.3 39.5



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 110.192 ug/l

RT: 9.85 min Scan# 856

Delta R.T. -0.02 min

Lab File: VD063757.D

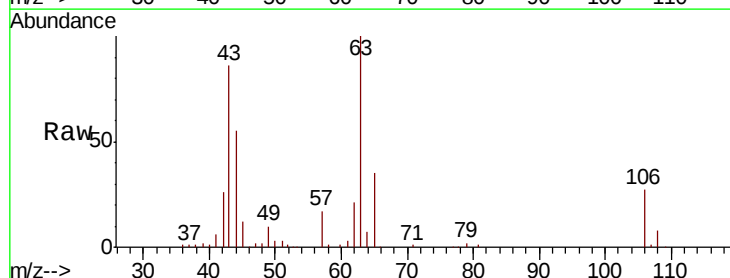
Acq: 23 Aug 2019 11:04

Tgt Ion: 63 Resp: 348064

Ion Ratio Lower Upper

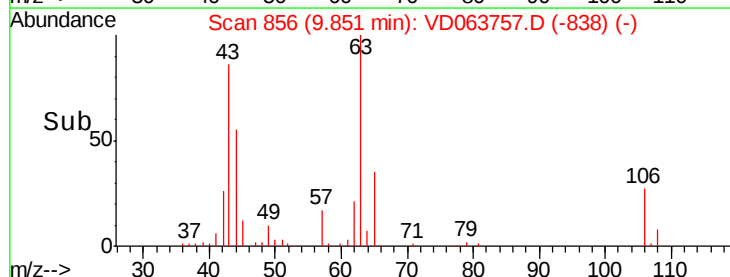
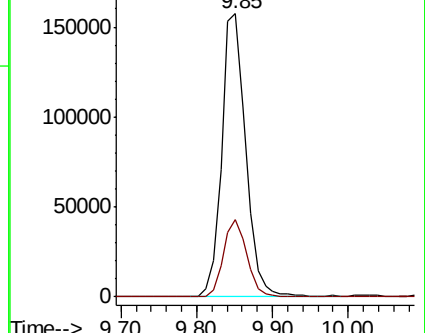
63 100

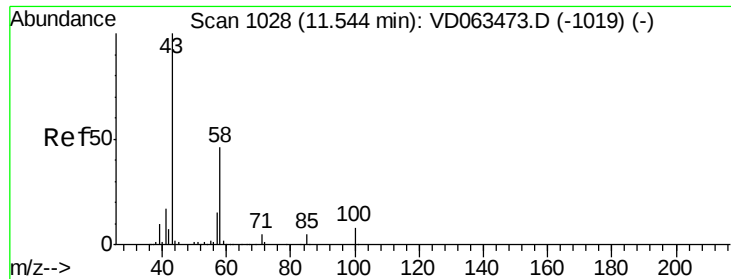
106 27.2 20.8 31.2



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 105.95 (105.65 to 106.65): VDC

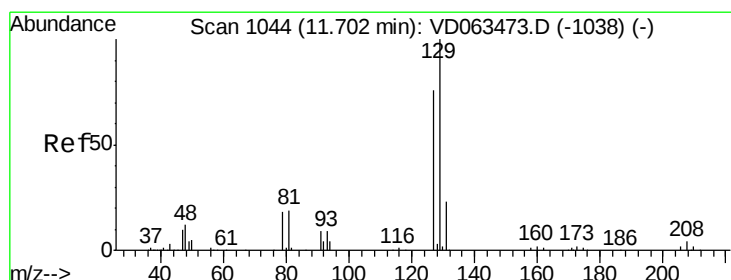
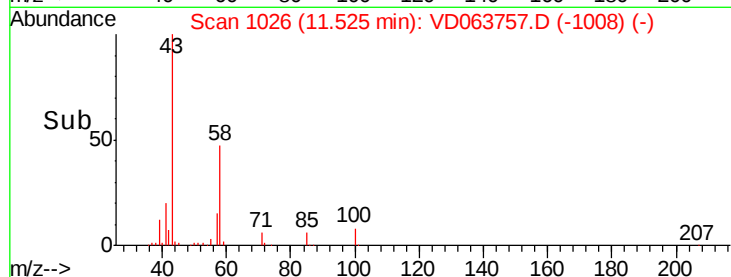
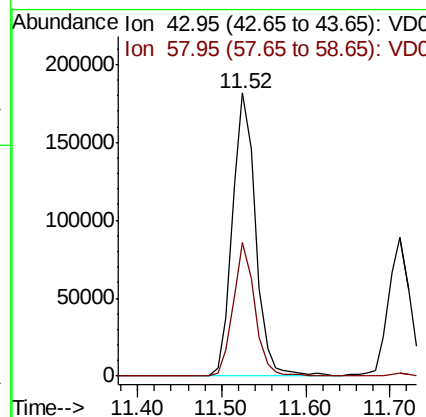
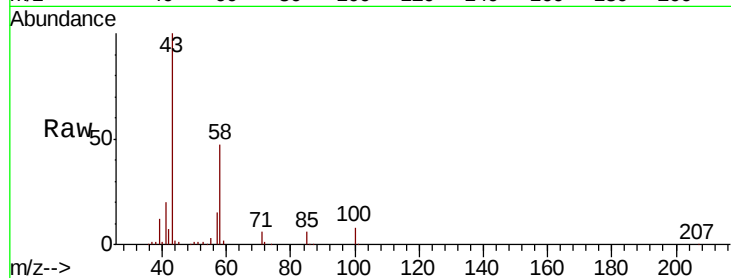




#59  
2-Hexanone  
Concen: 107.956 ug/l  
RT: 11.52 min Scan# 1026  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

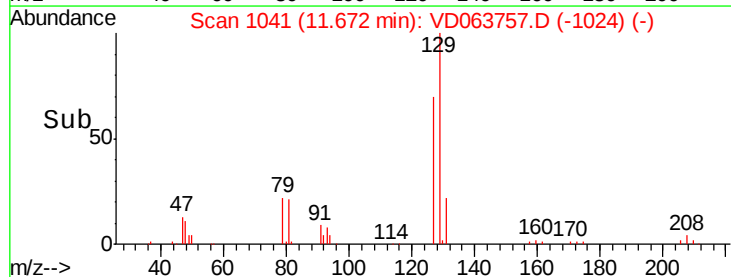
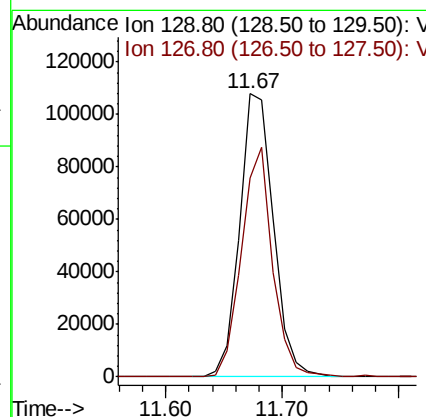
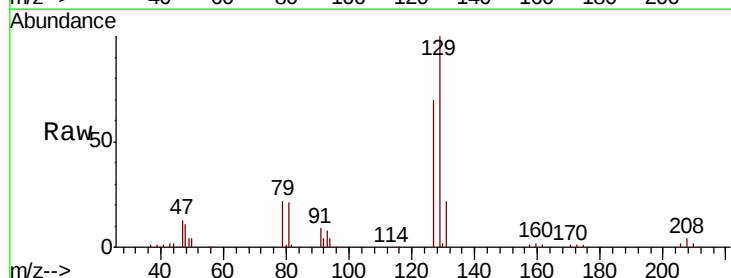
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

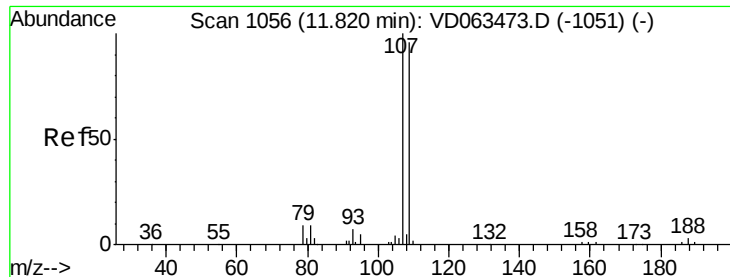
Tgt Ion: 43 Resp: 347300  
Ion Ratio Lower Upper  
43 100  
58 47.2 23.1 69.2



#60  
Dibromochloromethane  
Concen: 21.595 ug/l  
RT: 11.67 min Scan# 1041  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 129 Resp: 216612  
Ion Ratio Lower Upper  
129 100  
127 70.1 37.8 113.4

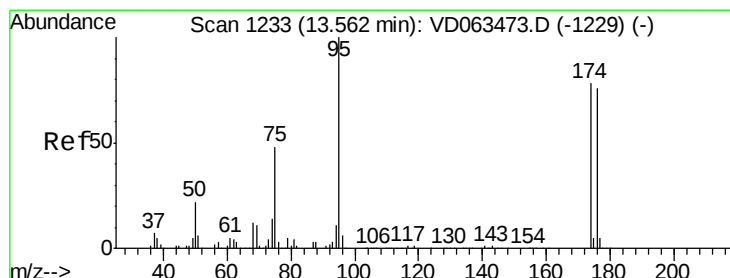
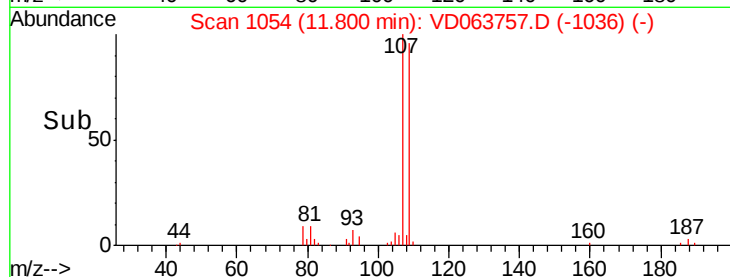
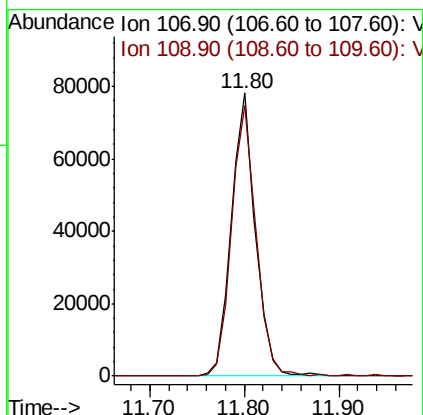
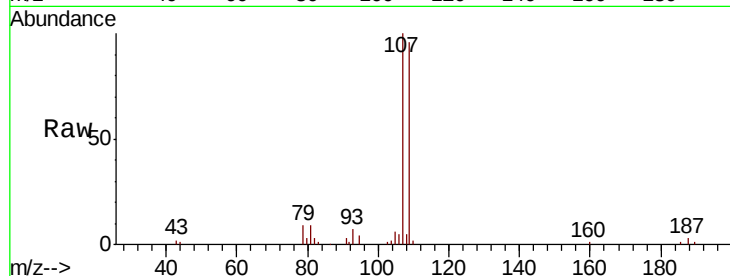




#61  
 1,2-Dibromoethane  
 Concen: 20.619 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

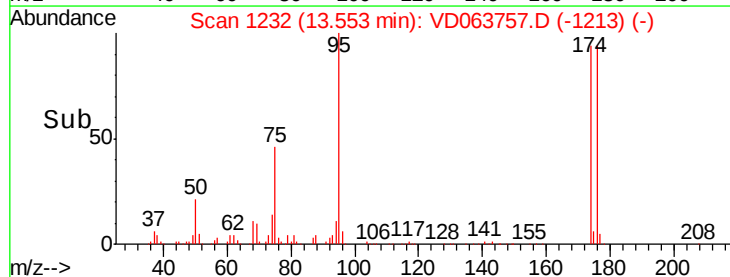
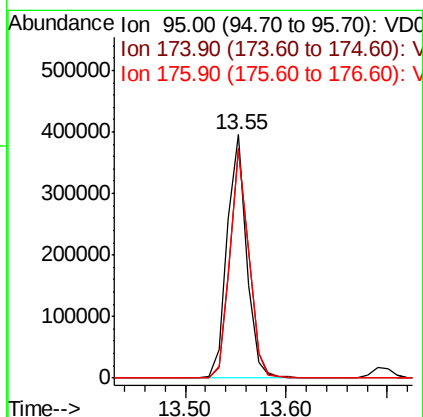
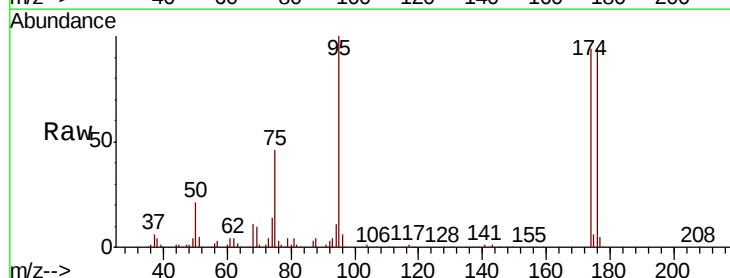
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

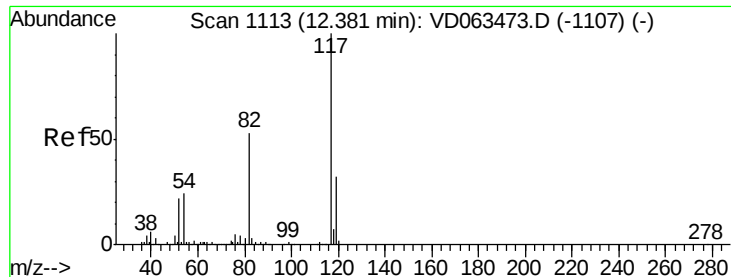
Tgt Ion: 107 Resp: 137593  
 Ion Ratio Lower Upper  
 107 100  
 109 95.7 76.8 115.2



#62  
 4-Bromofluorobenzene  
 Concen: 48.306 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion: 95 Resp: 527972  
 Ion Ratio Lower Upper  
 95 100  
 174 94.3 0.0 155.4  
 176 93.8 0.0 152.4

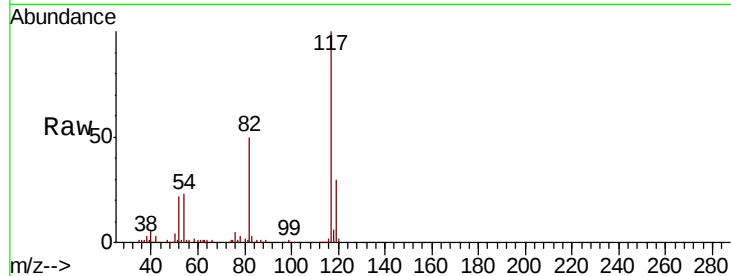




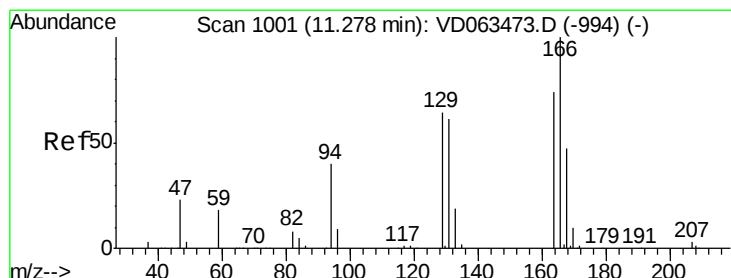
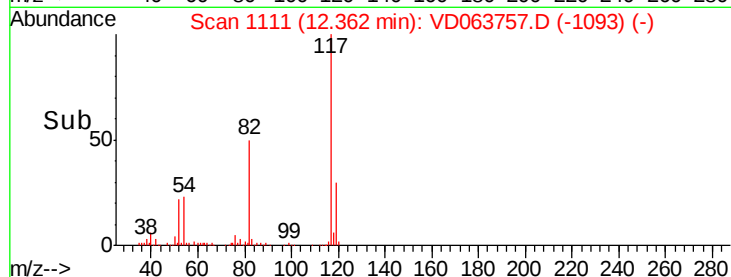
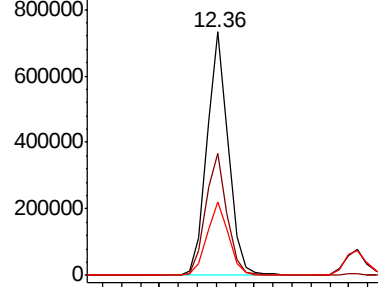
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion:117 Resp: 1137102  
Ion Ratio Lower Upper  
117 100  
82 50.1 42.0 63.0  
119 30.0 25.4 38.0

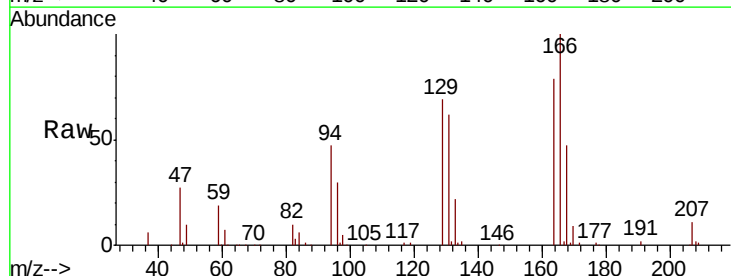


Abundance Ion 116.95 (116.65 to 117.65): V  
Ion 82.05 (81.75 to 82.75): V  
Ion 118.95 (118.65 to 119.65): V

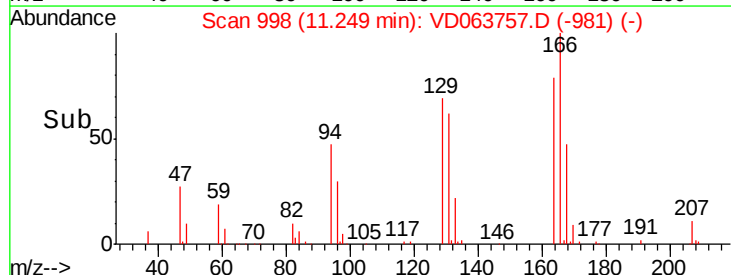
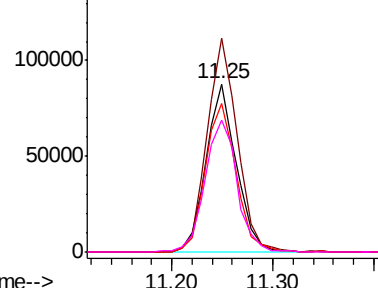


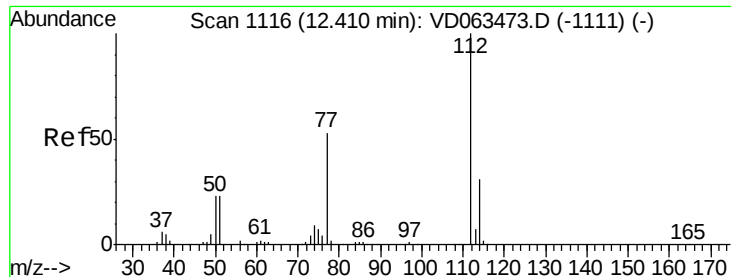
#64  
Tetrachloroethene  
Concen: 20.732 ug/l  
RT: 11.25 min Scan# 998  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:164 Resp: 181991  
Ion Ratio Lower Upper  
164 100  
166 127.2 108.6 163.0  
129 88.3 69.0 103.6  
131 78.6 66.6 99.8



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

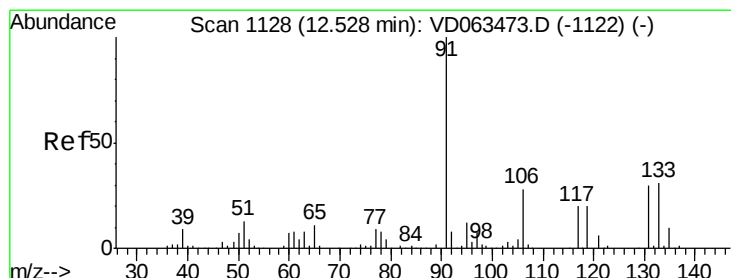
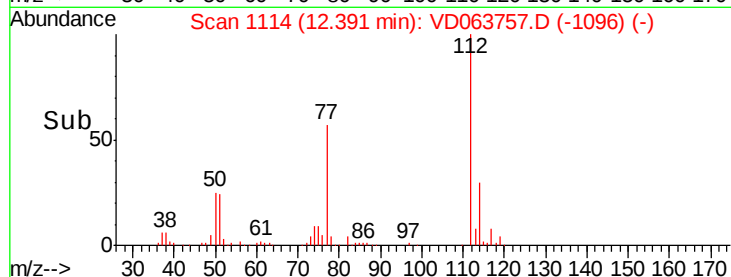
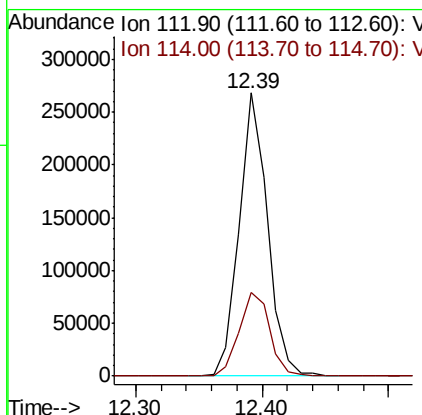
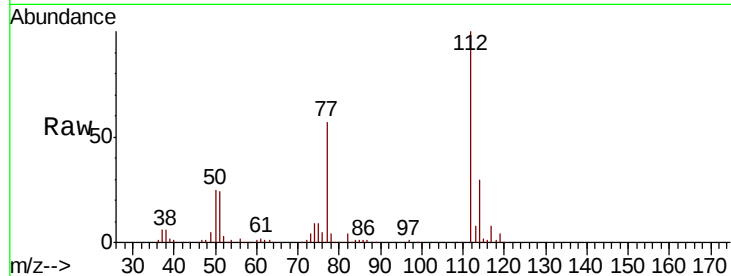




#65  
Chlorobenzene  
Concen: 19.486 ug/l  
RT: 12.39 min Scan# 1114  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

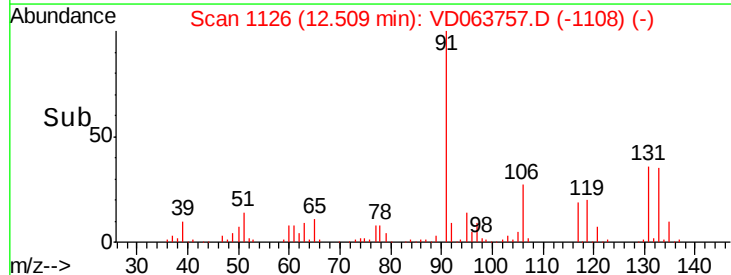
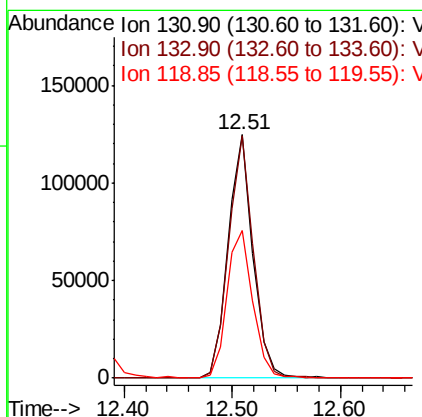
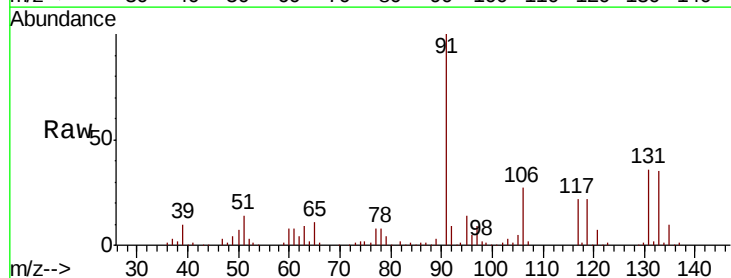
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion:112 Resp: 415279  
Ion Ratio Lower Upper  
112 100  
114 29.7 25.1 37.7



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.179 ug/l  
RT: 12.51 min Scan# 1126  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:131 Resp: 198644  
Ion Ratio Lower Upper  
131 100  
133 99.4 51.1 153.3  
119 60.5 33.1 99.3

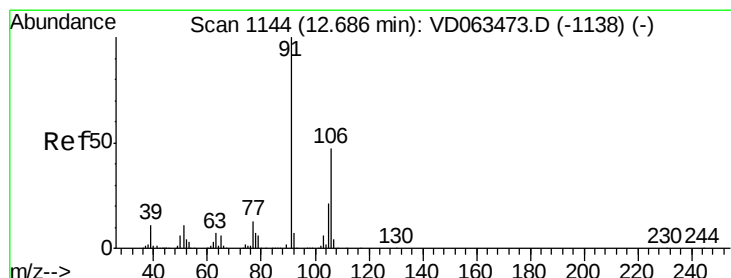
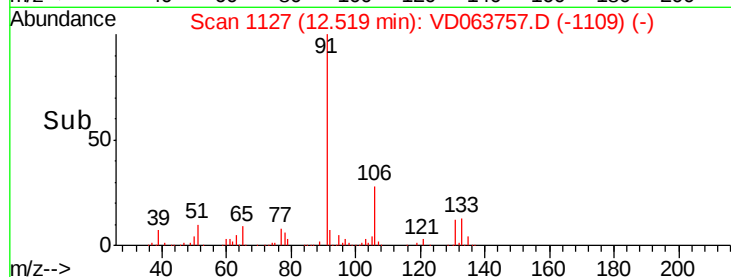
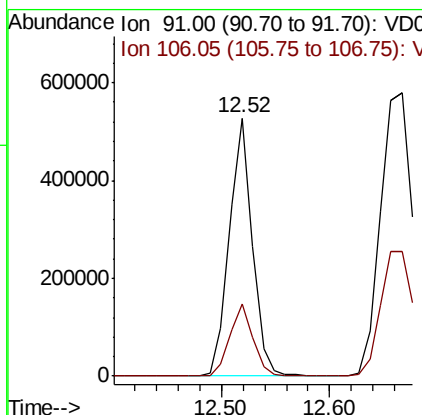
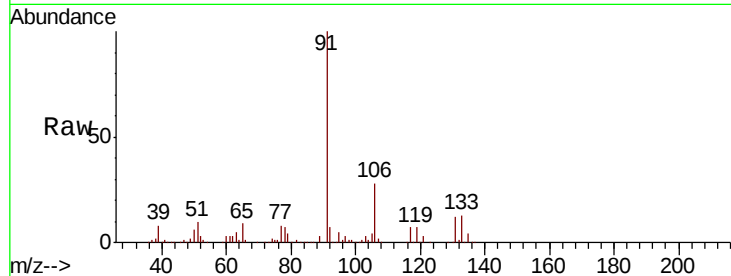




#67  
Ethyl Benzene  
Concen: 21.099 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

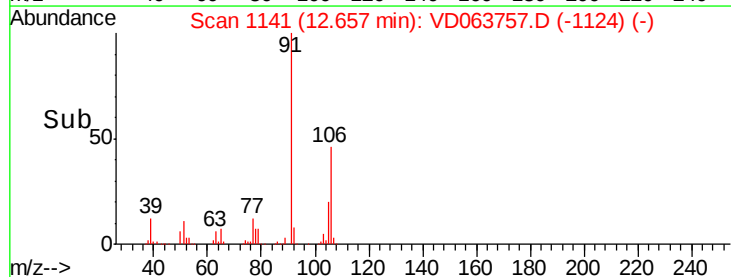
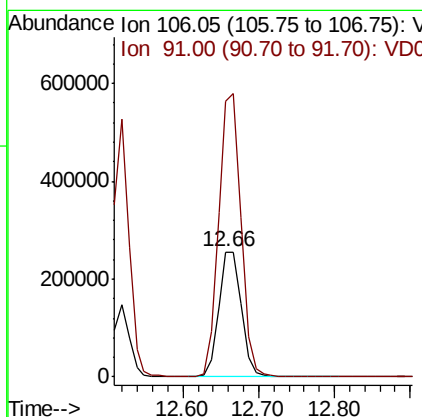
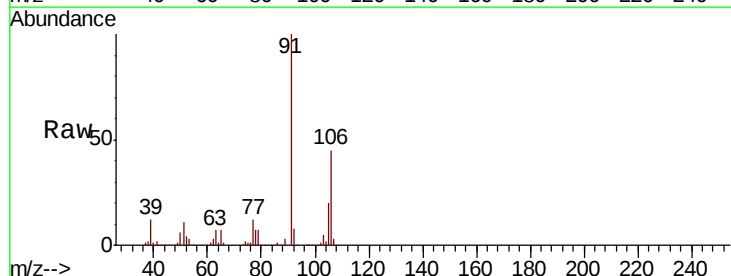
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

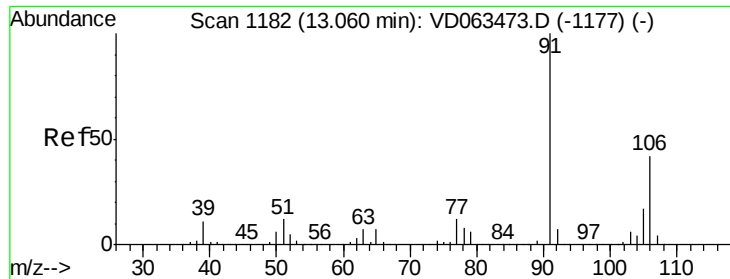
Tgt Ion: 91 Resp: 781872  
Ion Ratio Lower Upper  
91 100  
106 28.0 23.1 34.7



#68  
m/p-Xylenes  
Concen: 40.881 ug/l  
RT: 12.66 min Scan# 1141  
Delta R.T. -0.03 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 106 Resp: 532235  
Ion Ratio Lower Upper  
106 100  
91 220.0 171.8 257.8

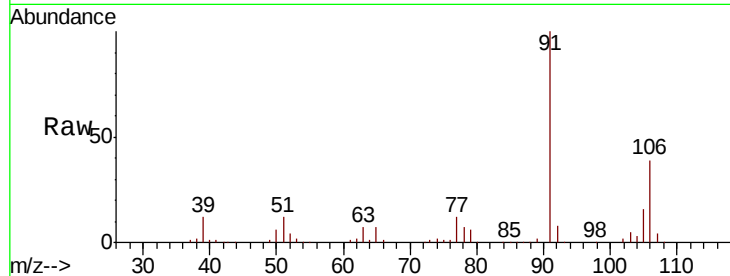




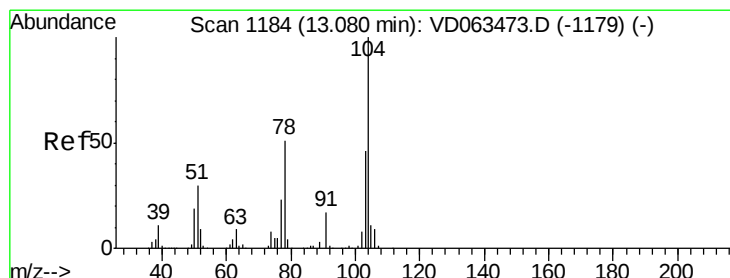
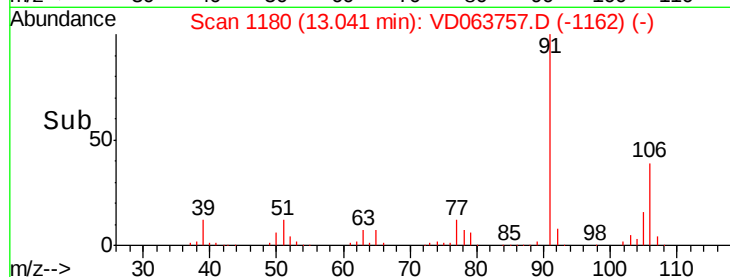
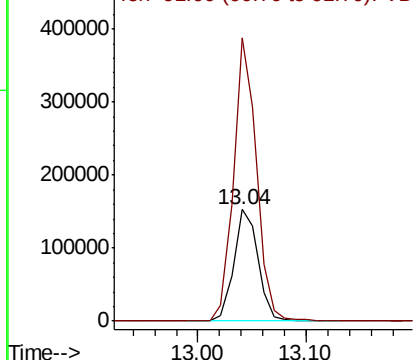
#69  
o-Xylene  
Concen: 19.044 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion:106 Resp: 238623  
Ion Ratio Lower Upper  
106 100  
91 253.2 118.1 354.2

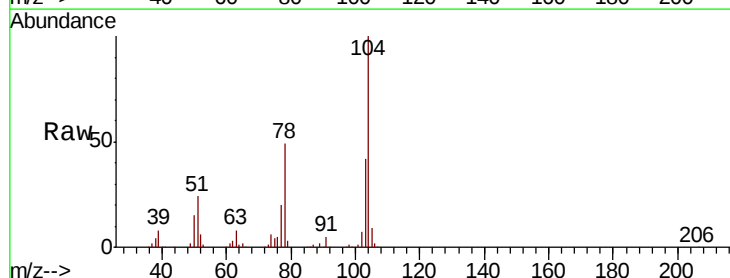


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

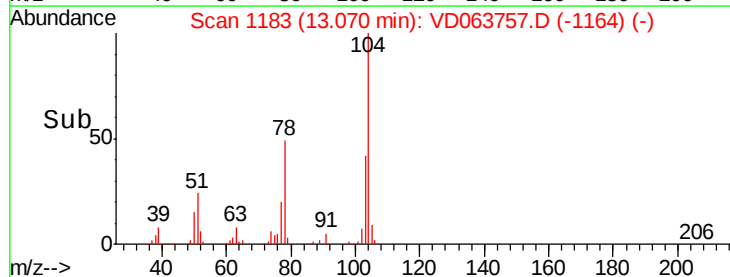
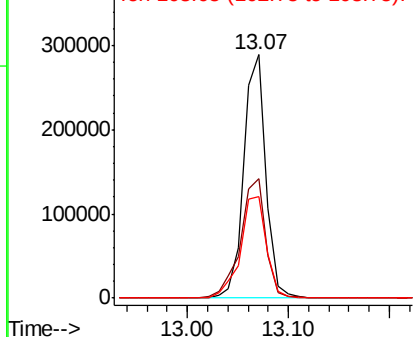


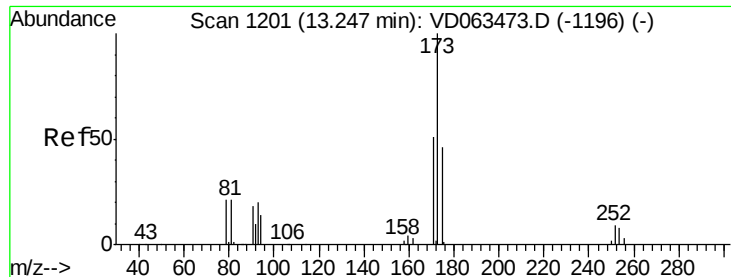
#70  
Styrene  
Concen: 19.807 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:104 Resp: 441482  
Ion Ratio Lower Upper  
104 100  
78 49.0 40.8 61.2  
103 41.7 36.4 54.6



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





#71

Bromoform

Concen: 20.708 ug/l

RT: 13.23 min Scan# 1199

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

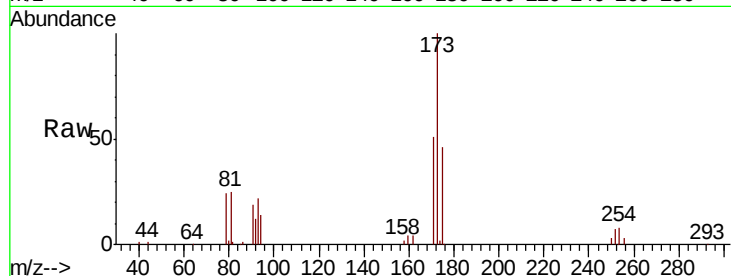
Tgt Ion:173 Resp: 133182

Ion Ratio Lower Upper

173 100

175 45.9 22.8 68.3

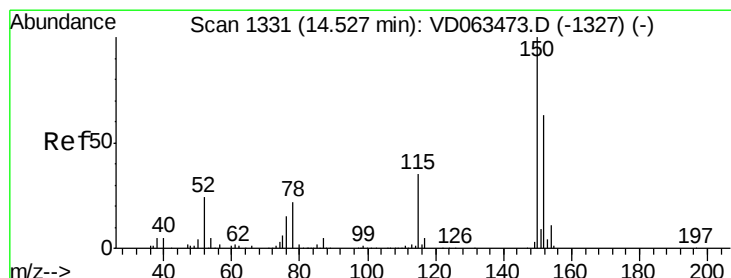
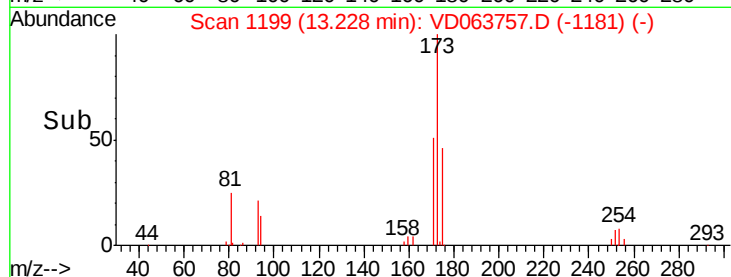
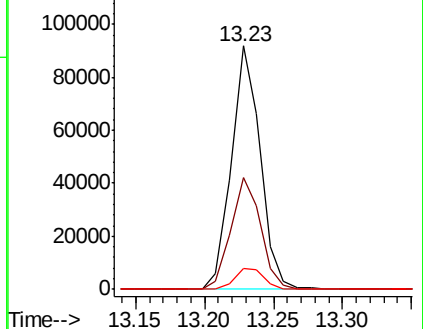
254 8.3 6.6 9.8



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

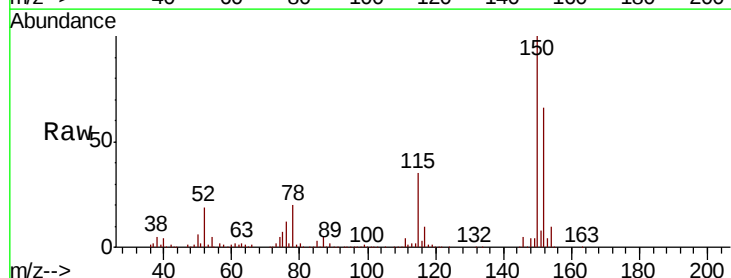
Tgt Ion:152 Resp: 602208

Ion Ratio Lower Upper

152 100

115 54.1 30.9 92.7

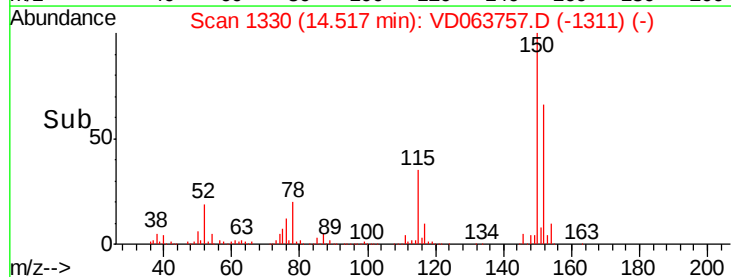
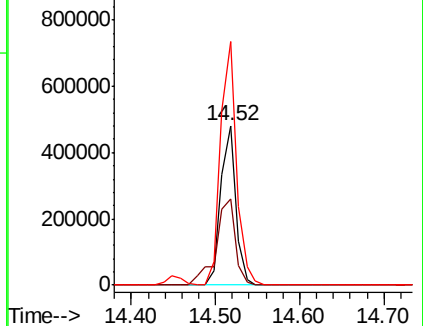
150 152.6 0.0 318.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.766 ug/l

RT: 13.40 min Scan# 1216

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

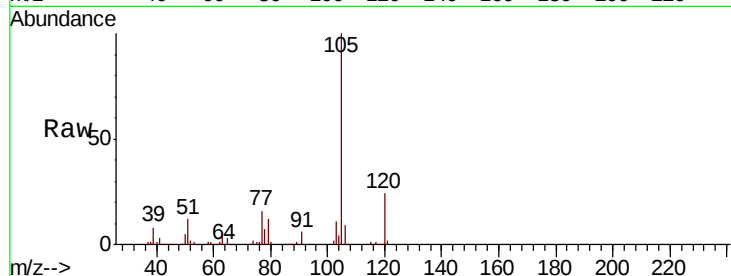
VD0823SBS02

Tgt Ion: 105 Resp: 833721

Ion Ratio Lower Upper

105 100

120 24.2 11.9 35.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

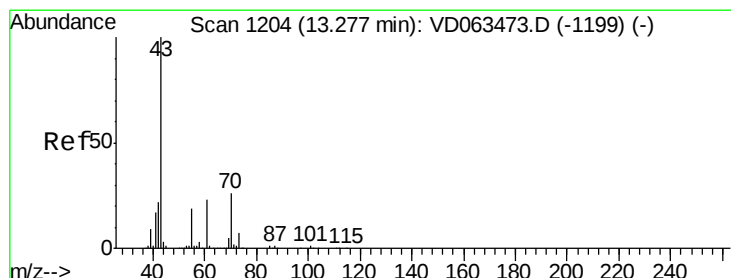
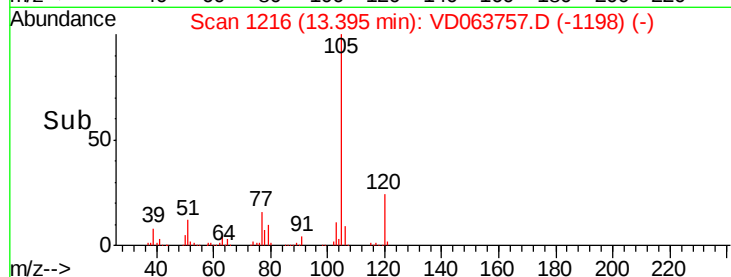
600000

400000

200000

0

Time--> 13.30 13.40 13.50



#74

N-ethyl acetate

Concen: 19.893 ug/l

RT: 13.26 min Scan# 1202

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Tgt Ion: 43 Resp: 191281

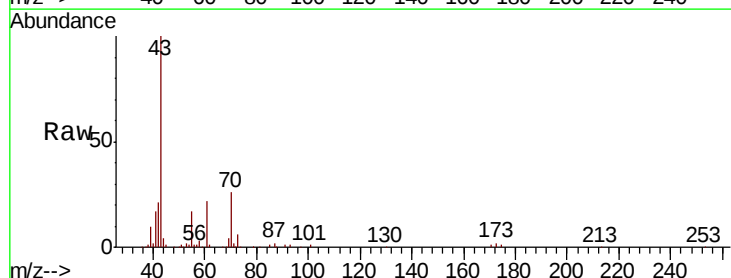
Ion Ratio Lower Upper

43 100

70 26.3 21.1 31.7

55 16.6 15.4 23.0

61 21.6 18.2 27.2



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

200000

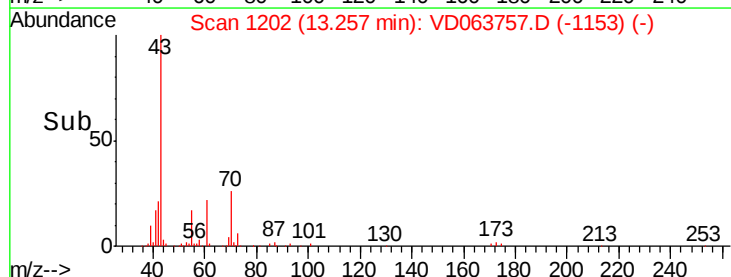
150000

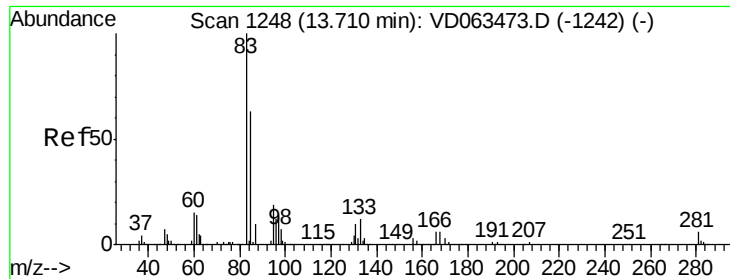
100000

50000

0

Time--> 13.20 13.25 13.30 13.35





#75

1,1,2,2-Tetrachloroethane

Concen: 20.135 ug/l

RT: 13.69 min Scan# 1246

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

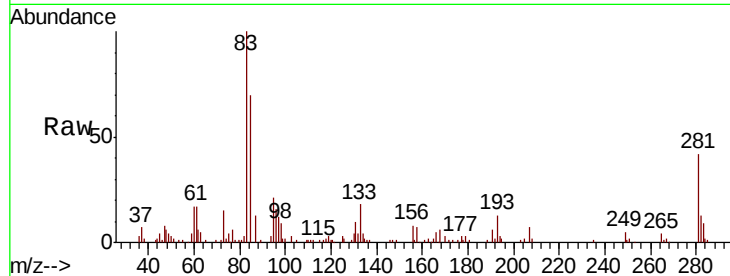
Tgt Ion: 83 Resp: 128014

Ion Ratio Lower Upper

83 100

131 10.2 5.3 15.8

85 70.5 31.4 94.3



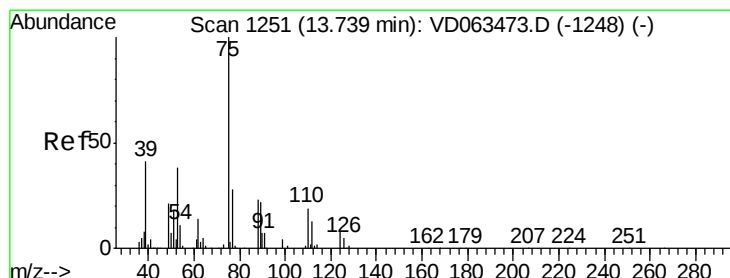
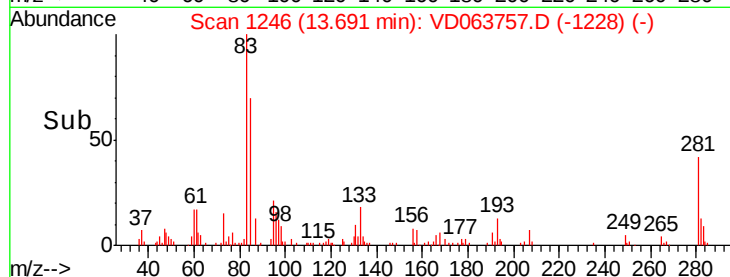
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.69

Time-->



#76

1,2,3-Trichloropropane

Concen: 20.237 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD063757.D

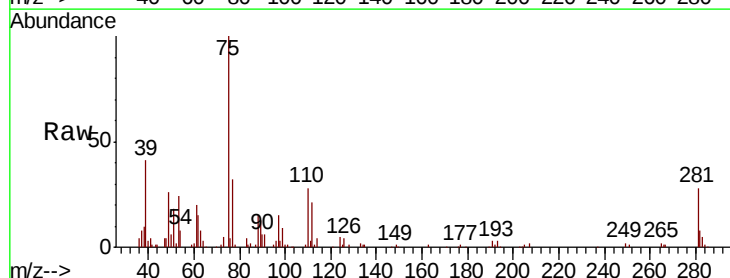
Acq: 23 Aug 2019 11:04

Tgt Ion: 75 Resp: 139863

Ion Ratio Lower Upper

75 100

77 32.1 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

250000

200000

150000

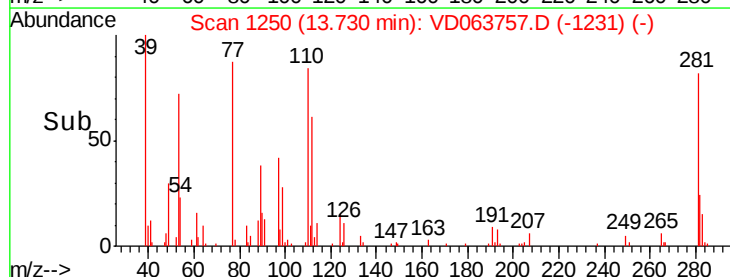
100000

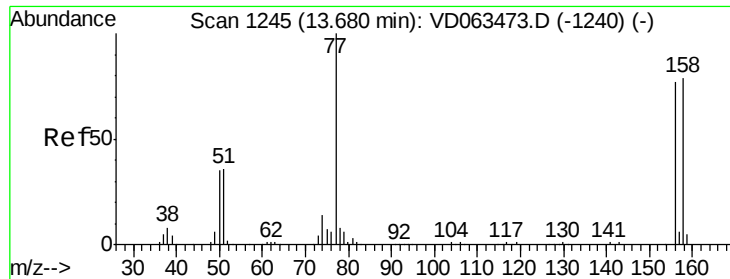
50000

0

13.65 13.70 13.75 13.80

Time-->





#77

Bromobenzene

Concen: 20.626 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

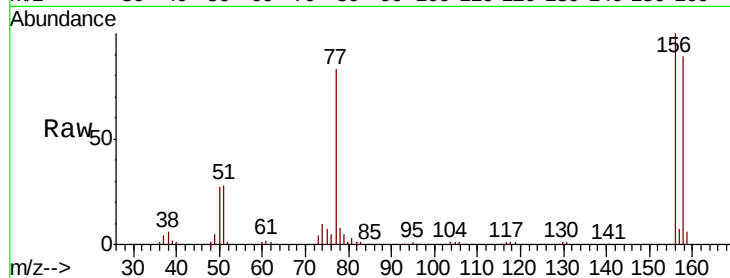
Tgt Ion:156 Resp: 215925

Ion Ratio Lower Upper

156 100

77 82.5 64.6 193.8

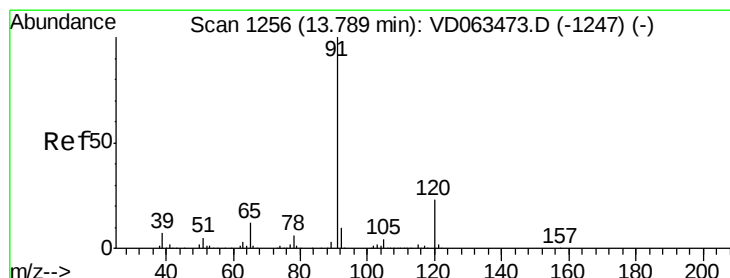
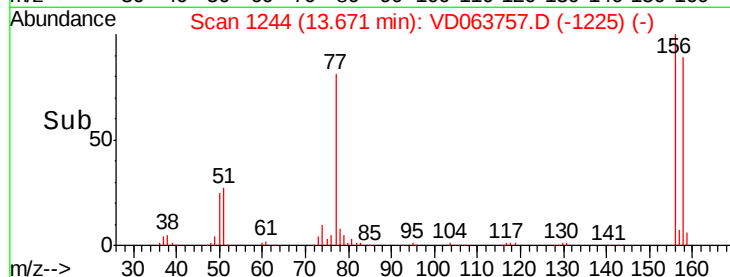
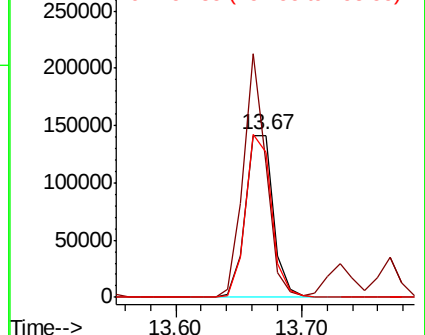
158 89.3 50.9 152.7



Abundance Ion 155.90 (155.60 to 156.60): V

Ion 76.95 (76.65 to 77.65): V

Ion 157.85 (157.55 to 158.55): V



#78

n-propylbenzene

Concen: 21.647 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063757.D

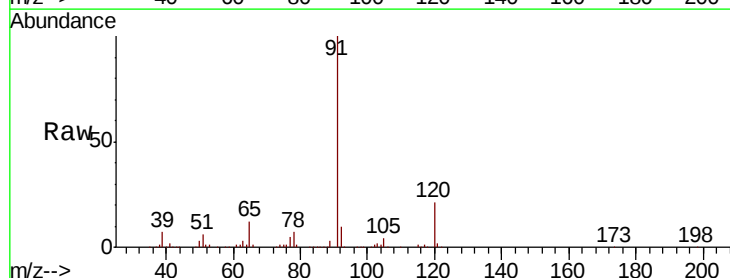
Acq: 23 Aug 2019 11:04

Tgt Ion: 91 Resp: 970131

Ion Ratio Lower Upper

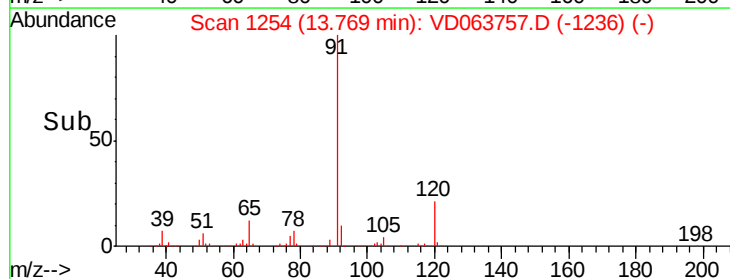
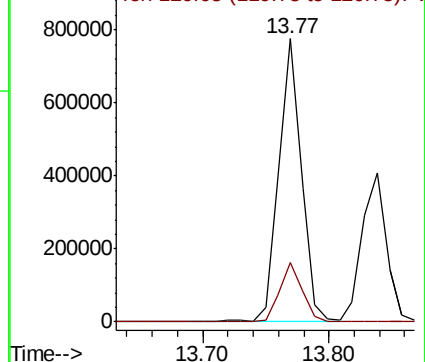
91 100

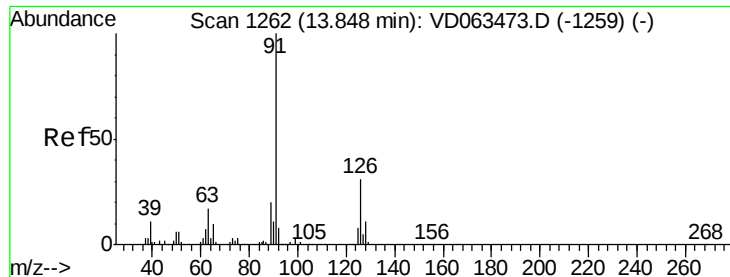
120 20.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

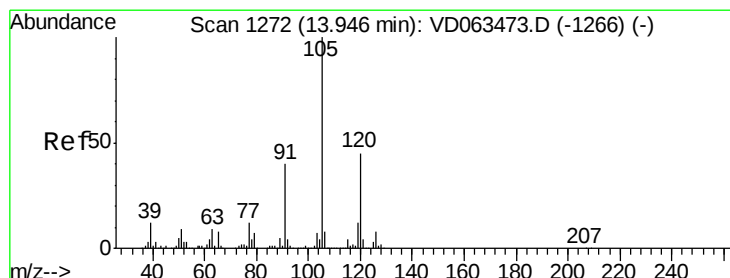
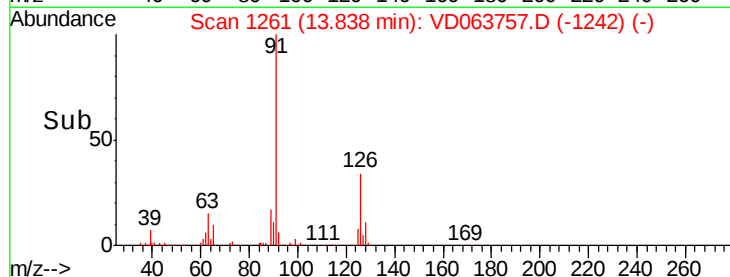
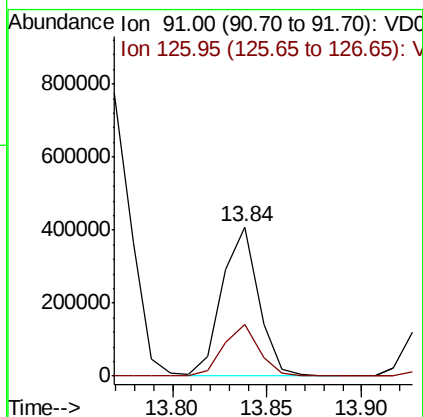
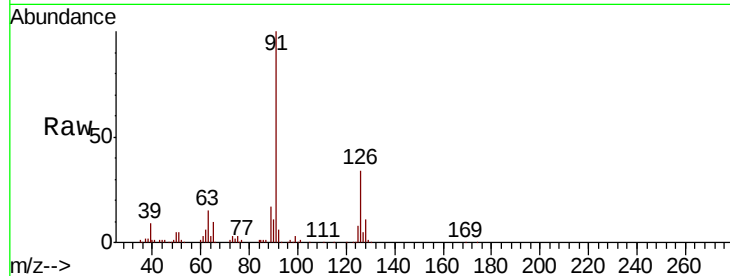




#79  
 2-Chlorotoluene  
 Concen: 20.980 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

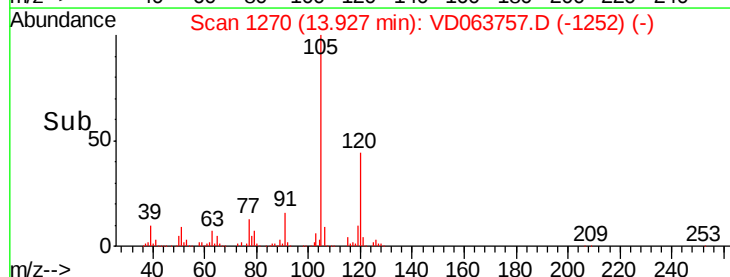
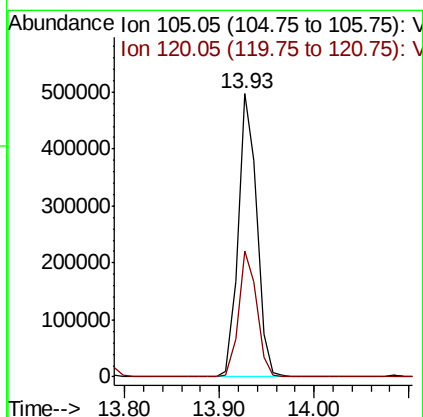
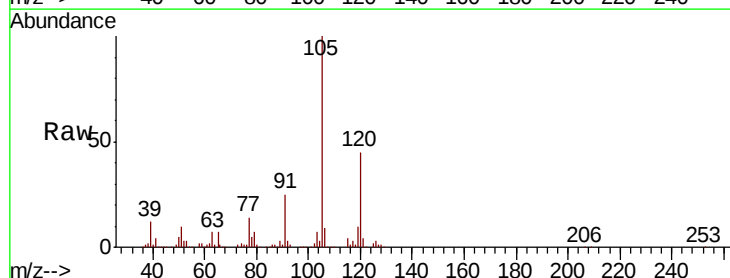
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

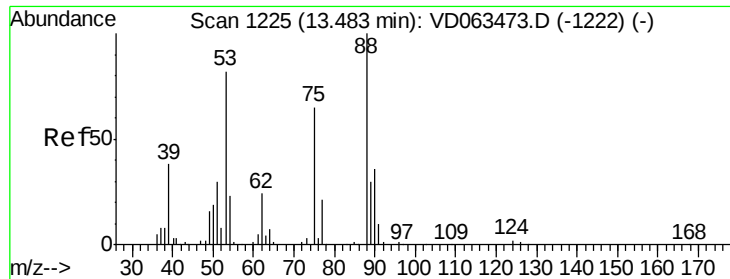
Tgt Ion: 91 Resp: 542136  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 15.6 46.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.235 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion: 105 Resp: 677222  
 Ion Ratio Lower Upper  
 105 100  
 120 44.6 22.8 68.3

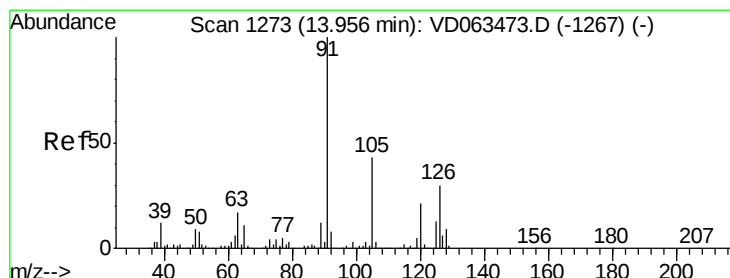
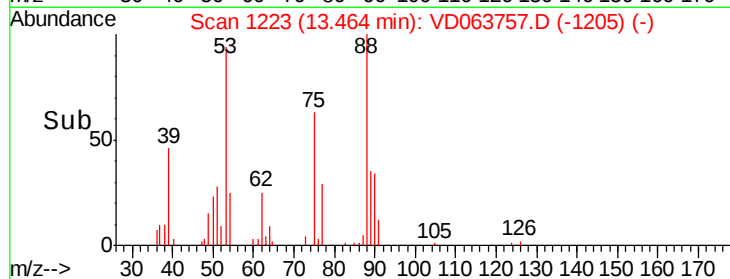
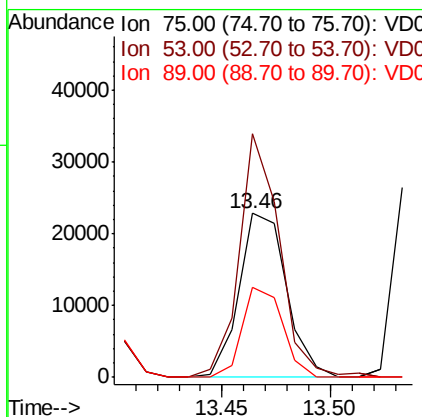
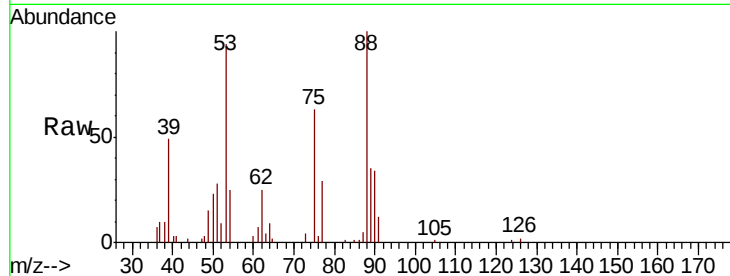




#81  
trans-1,4-Dichloro-2-butene  
Concen: 18.923 ug/l  
RT: 13.46 min Scan# 1223  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

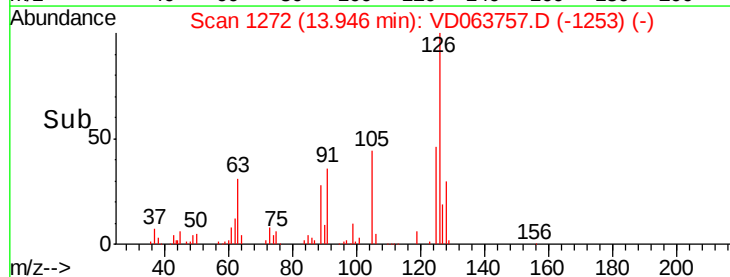
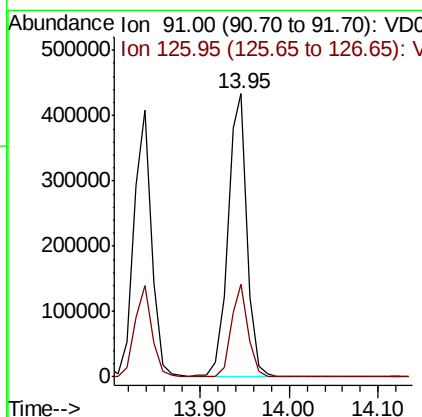
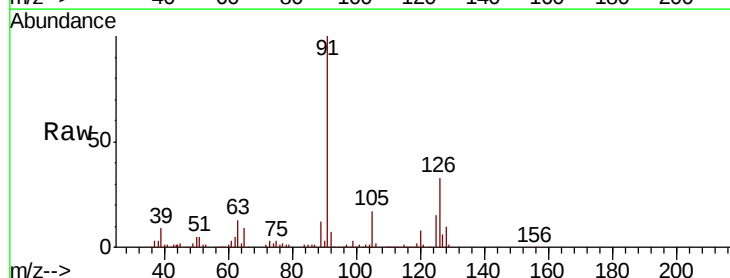
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

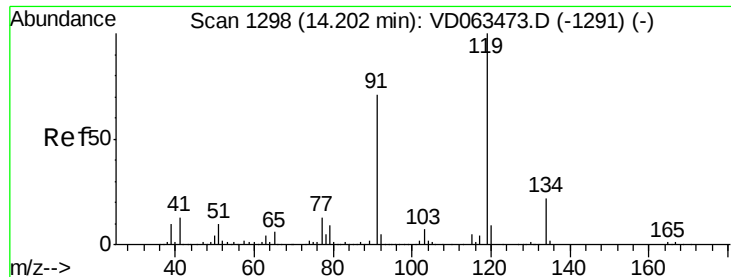
Tgt Ion: 75 Resp: 35151  
Ion Ratio Lower Upper  
75 100  
53 148.8 101.0 151.4  
89 55.3 37.0 55.6



#82  
4-Chlorotoluene  
Concen: 21.048 ug/l  
RT: 13.95 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion: 91 Resp: 654024  
Ion Ratio Lower Upper  
91 100  
126 32.8 15.2 45.6

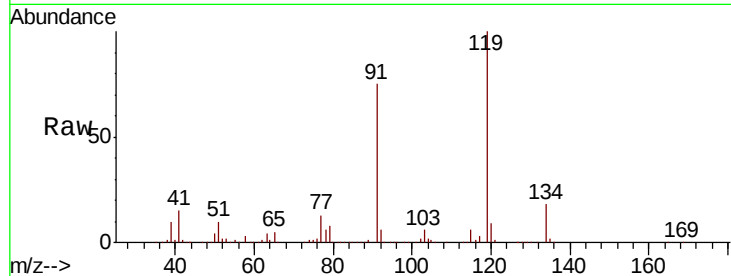




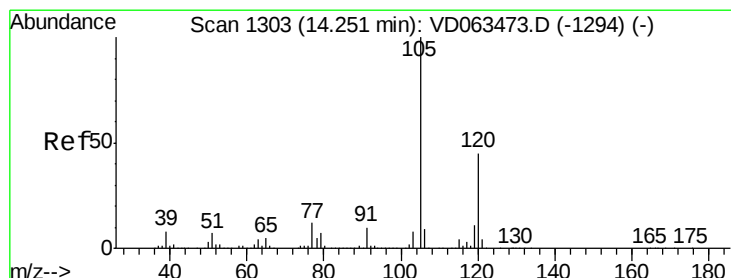
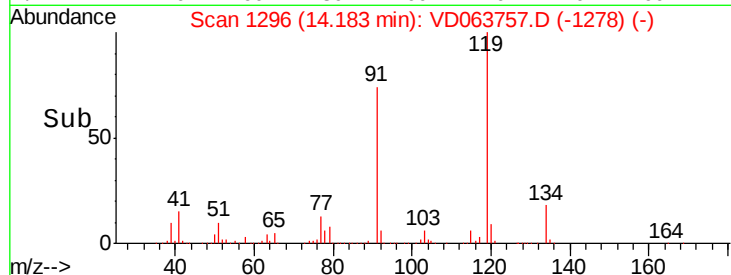
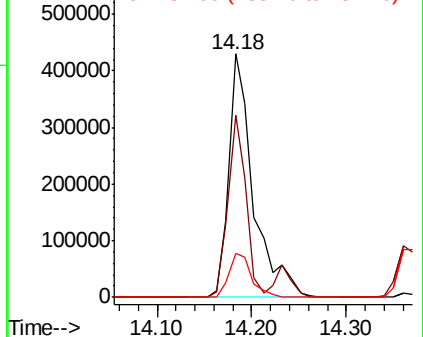
#83  
tert-Butylbenzene  
Concen: 21.943 ug/l  
RT: 14.18 min Scan# 1296  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion:119 Resp: 773338  
Ion Ratio Lower Upper  
119 100  
91 74.7 35.5 106.7  
134 18.0 11.1 33.1

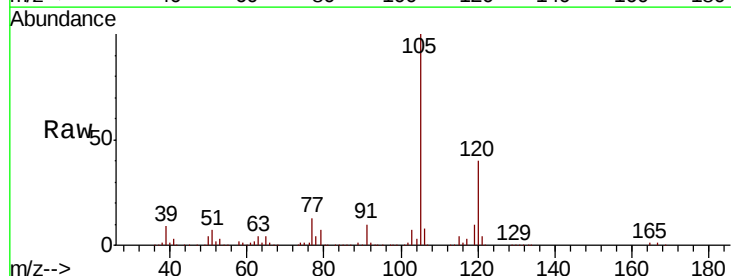


Abundance Ion 119.05 (118.75 to 119.75): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

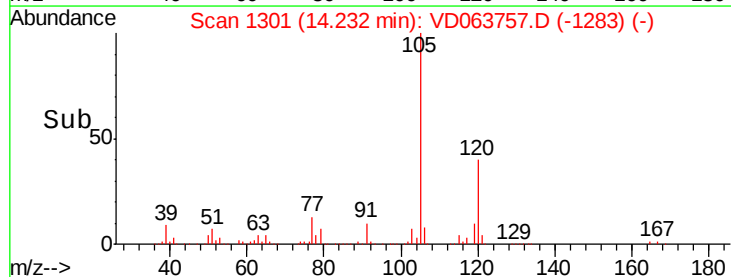
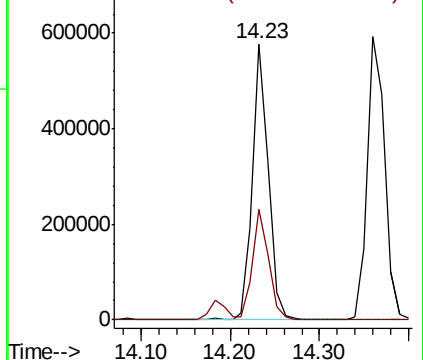


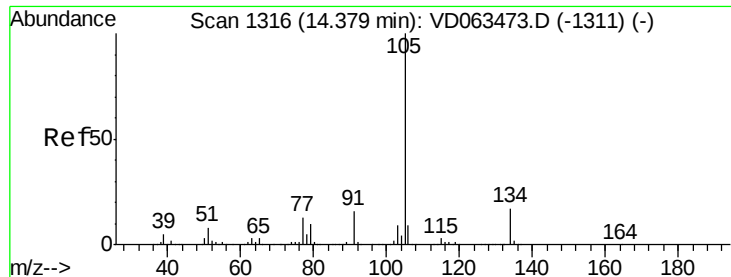
#84  
1,2,4-Trimethylbenzene  
Concen: 22.845 ug/l  
RT: 14.23 min Scan# 1301  
Delta R.T. -0.02 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:105 Resp: 707438  
Ion Ratio Lower Upper  
105 100  
120 40.0 22.7 68.1



Abundance Ion 105.05 (104.75 to 105.75): V  
Ion 120.05 (119.75 to 120.75): V

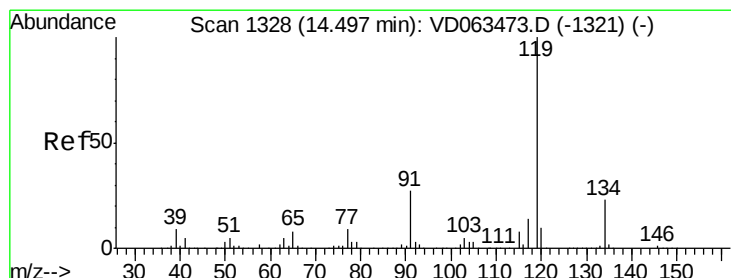
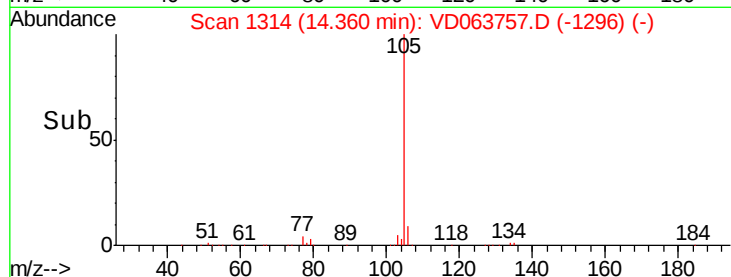
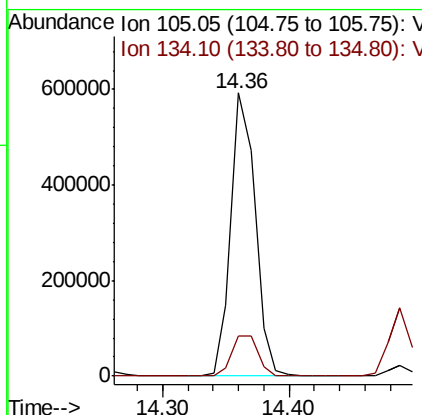
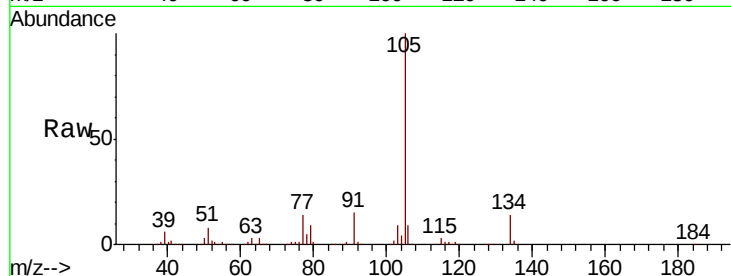




#85  
 sec-Butylbenzene  
 Concen: 21.184 ug/l  
 RT: 14.36 min Scan# 1314  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

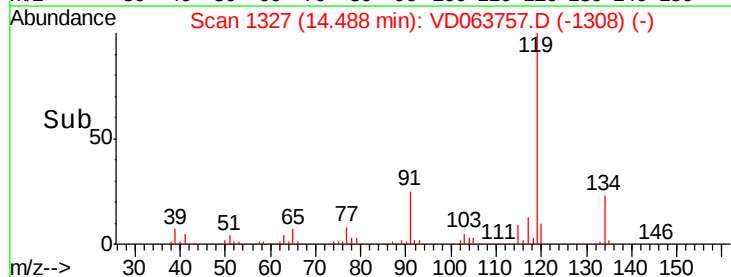
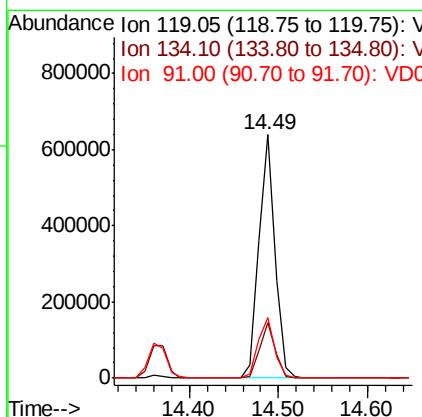
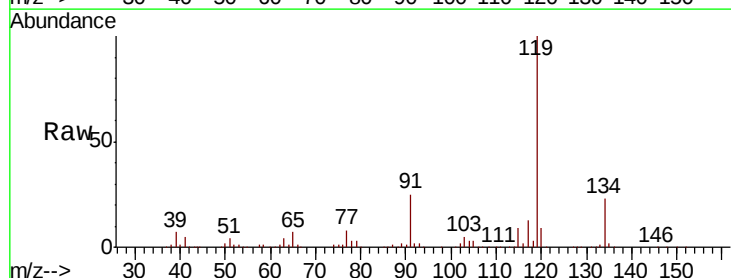
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

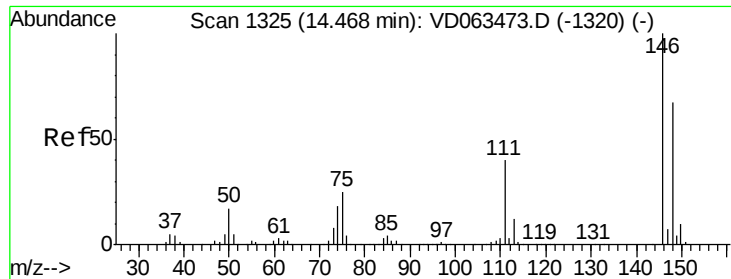
Tgt Ion:105 Resp: 792840  
 Ion Ratio Lower Upper  
 105 100  
 134 14.2 8.3 24.8



#86  
 p-Isopropyltoluene  
 Concen: 22.073 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion:119 Resp: 789883  
 Ion Ratio Lower Upper  
 119 100  
 134 22.6 11.3 33.8  
 91 25.0 13.5 40.4

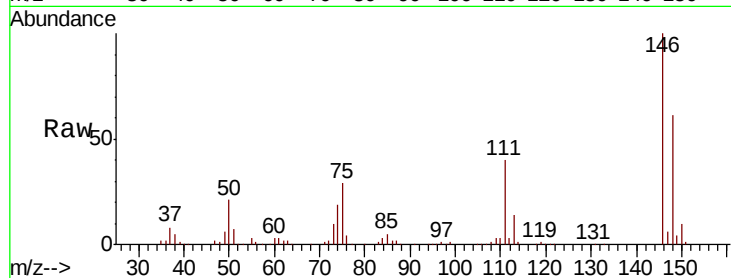




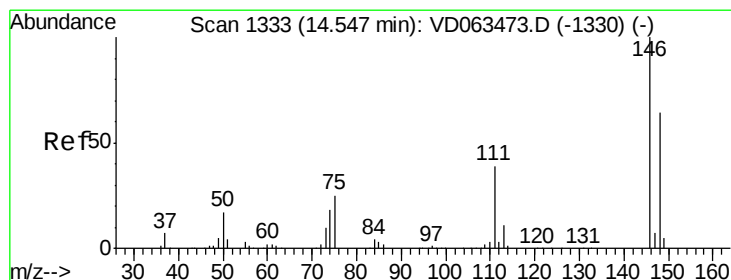
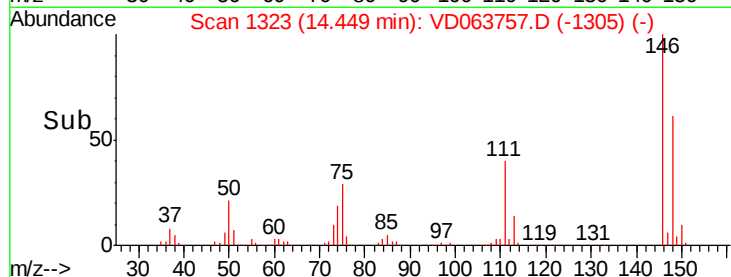
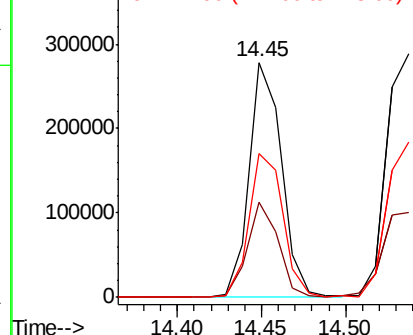
#87  
 1,3-Dichlorobenzene  
 Concen: 19.633 ug/l  
 RT: 14.45 min Scan# 1323  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

Tgt Ion:146 Resp: 371759  
 Ion Ratio Lower Upper  
 146 100  
 111 40.3 20.0 60.0  
 148 61.1 33.6 100.6

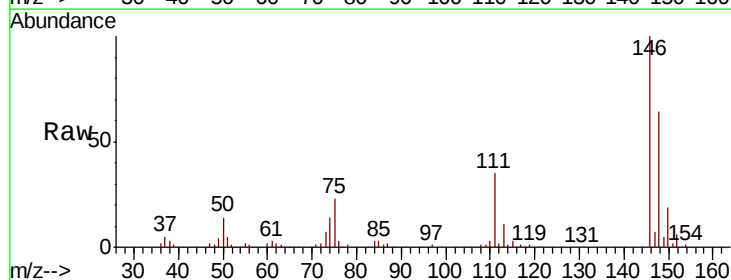


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

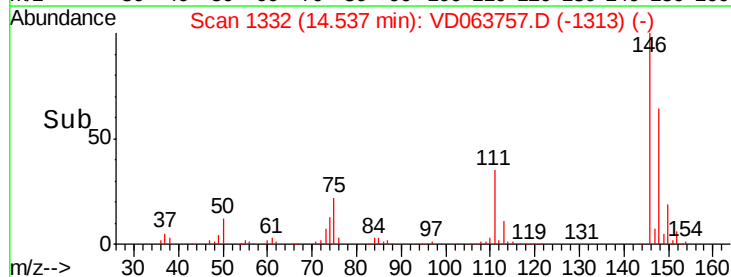
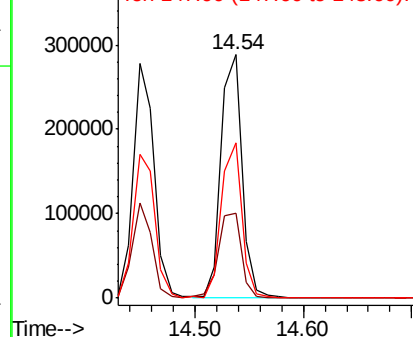


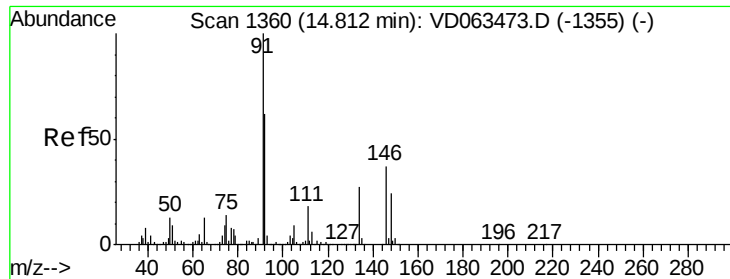
#88  
 1,4-Dichlorobenzene  
 Concen: 21.434 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion:146 Resp: 389399  
 Ion Ratio Lower Upper  
 146 100  
 111 34.8 19.7 59.0  
 148 63.8 32.1 96.3



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





#89

n-Butylbenzene

Concen: 20.392 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063757.D

Acq: 23 Aug 2019 11:04

Instrument :

MSVOA\_D

ClientSampleId :

VD0823SBS02

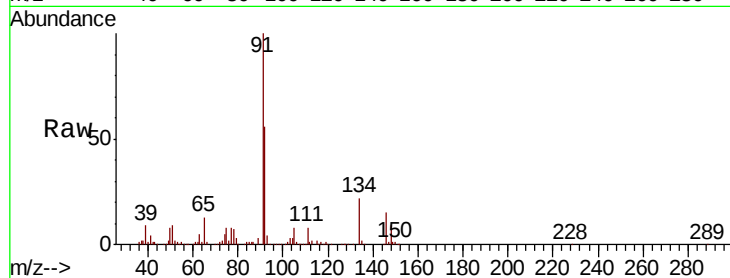
Tgt Ion: 91 Resp: 666024

Ion Ratio Lower Upper

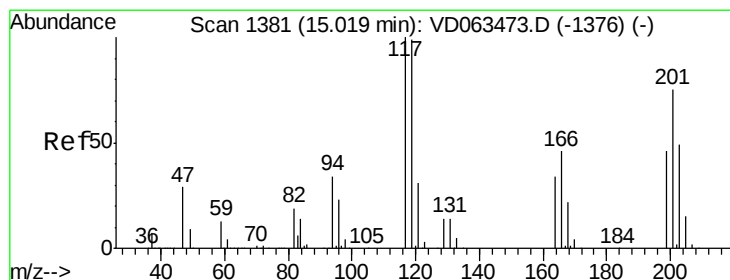
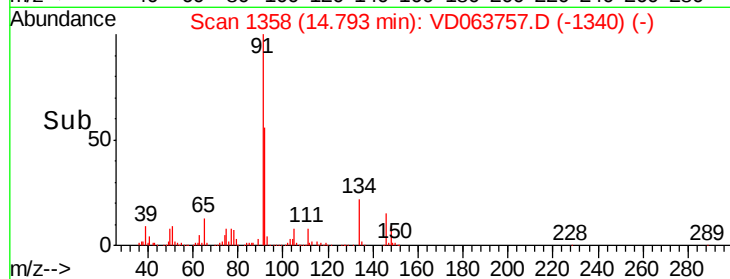
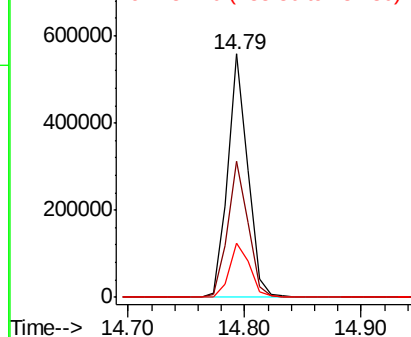
91 100

92 55.8 30.8 92.3

134 22.3 13.4 40.2



Abundance Ion 91.00 (90.70 to 91.70): VDC  
Ion 92.00 (91.70 to 92.70): VDC  
Ion 134.10 (133.80 to 134.80): V



#90

Hexachloroethane

Concen: 21.301 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD063757.D

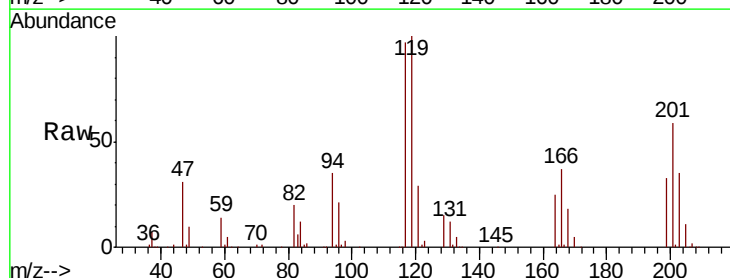
Acq: 23 Aug 2019 11:04

Tgt Ion: 117 Resp: 191593

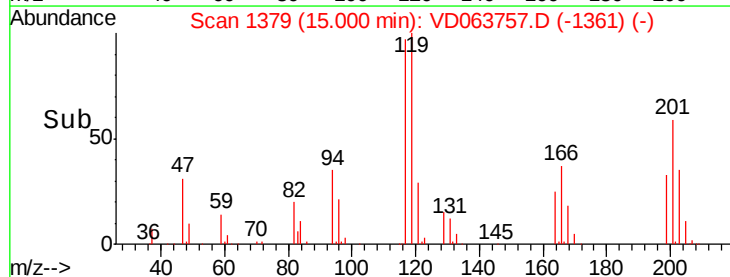
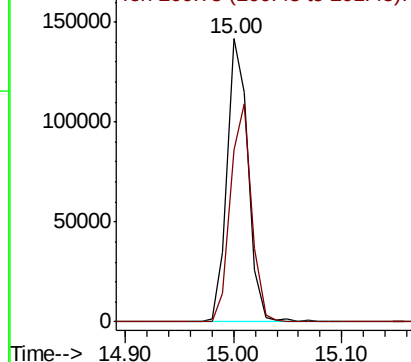
Ion Ratio Lower Upper

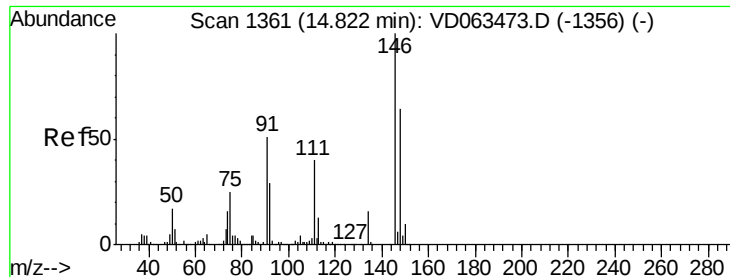
117 100

201 60.7 37.5 112.5



Abundance Ion 116.85 (116.55 to 117.55): V  
Ion 200.75 (200.45 to 201.45): V

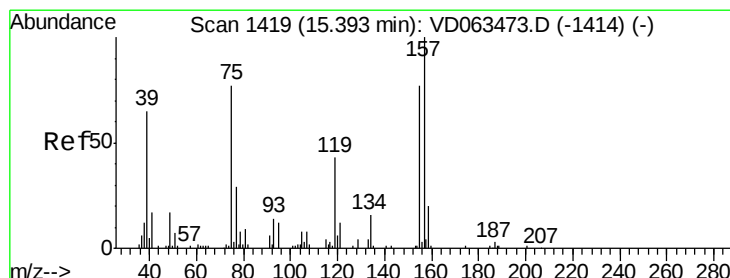
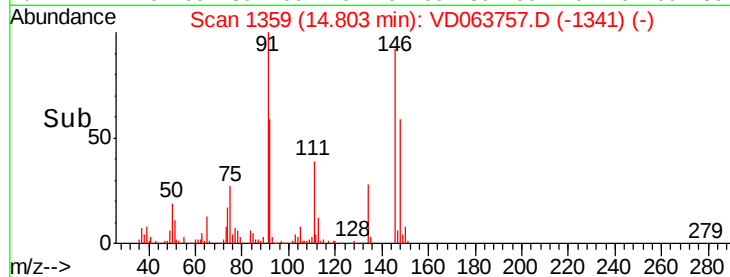
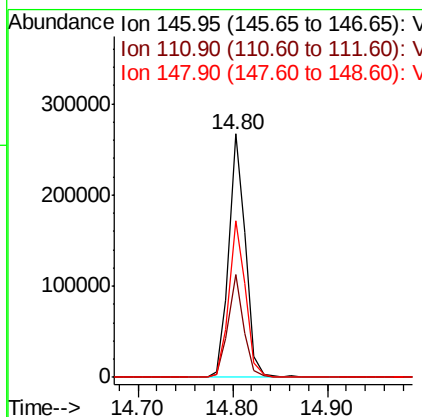
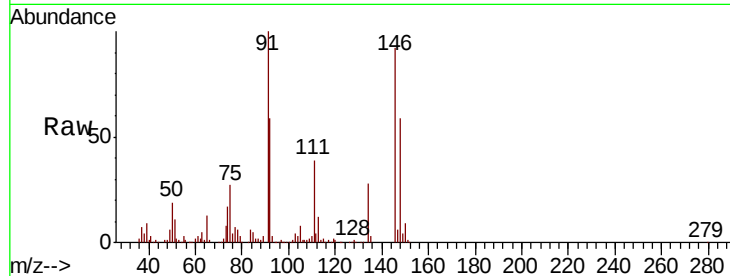




#91  
 1,2-Dichlorobenzene  
 Concen: 20.217 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

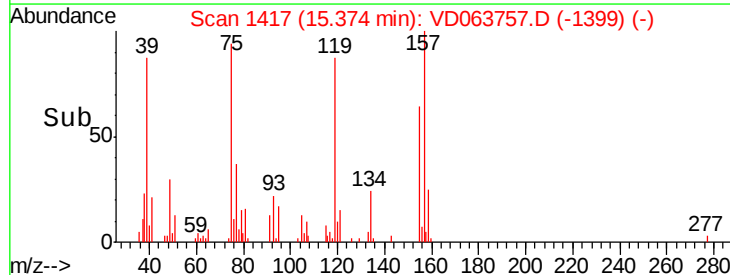
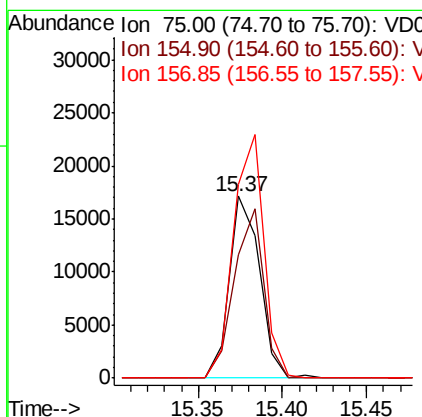
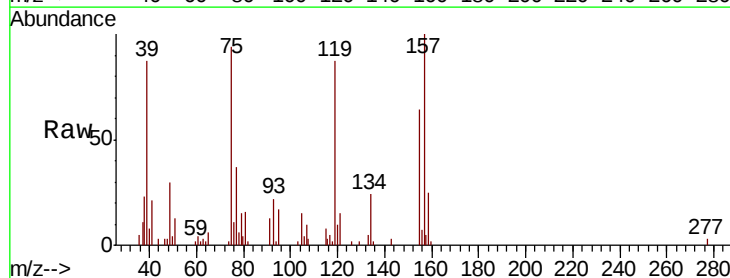
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

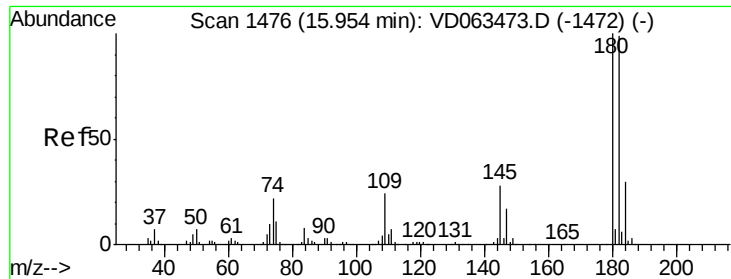
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.4  | 20.2  | 60.6  |
| 148     | 64.5  | 32.1  | 96.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.911 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.02 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 68.1  | 50.1  | 150.3 |
| 157     | 106.7 | 65.0  | 195.1 |

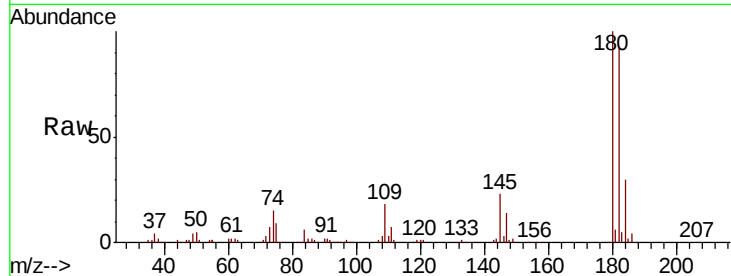




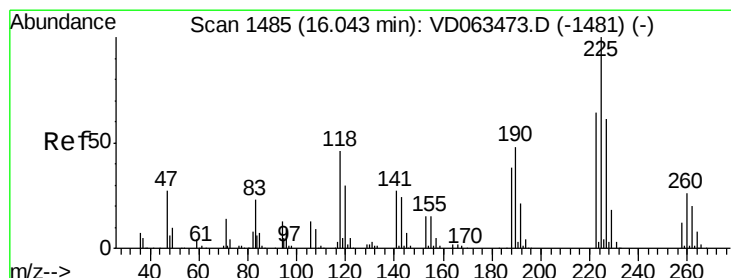
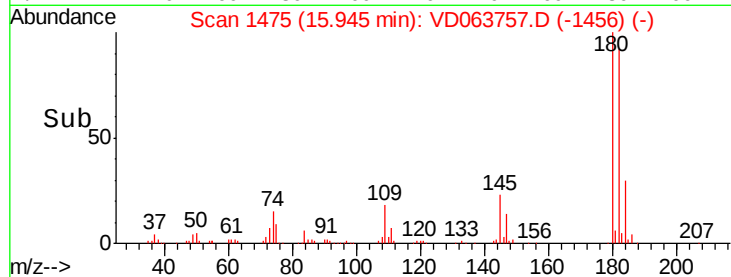
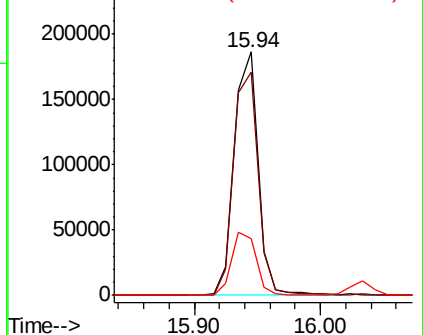
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.550 ug/l  
 RT: 15.94 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0823SBS02

Tgt Ion:180 Resp: 242934  
 Ion Ratio Lower Upper  
 180 100  
 182 91.9 49.7 149.1  
 145 23.4 14.1 42.2

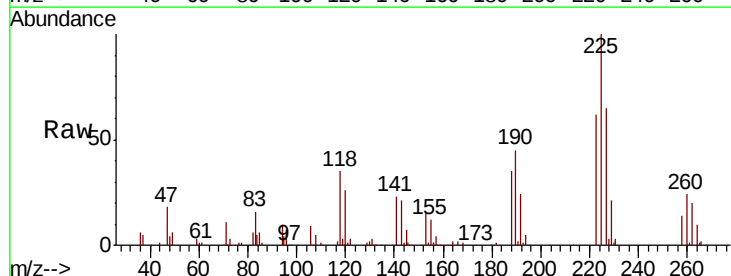


Abundance Ion 179.85 (179.55 to 180.55): V  
 Ion 181.85 (181.55 to 182.55): V  
 Ion 144.95 (144.65 to 145.65): V

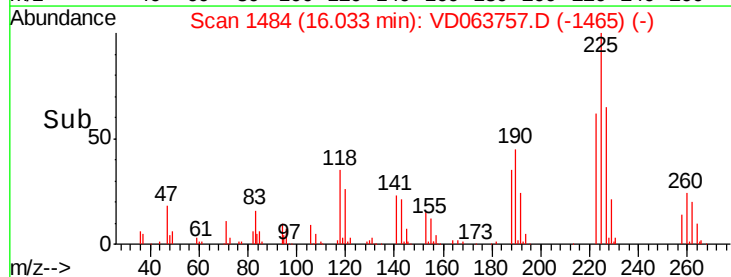
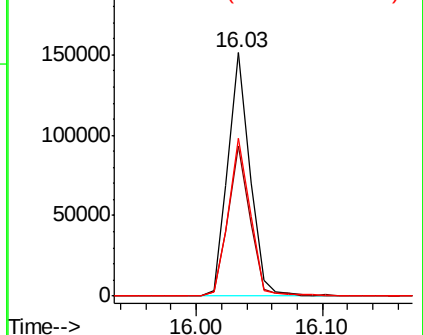


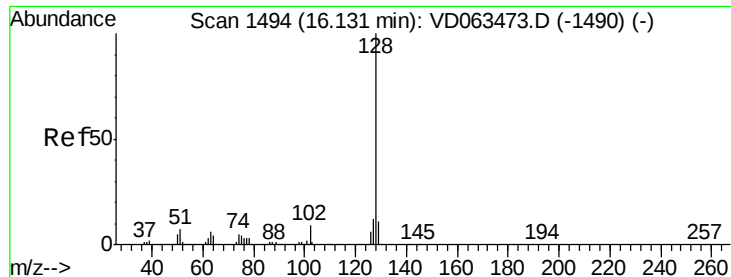
#94  
 Hexachlorobutadiene  
 Concen: 20.286 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: VD063757.D  
 Acq: 23 Aug 2019 11:04

Tgt Ion:225 Resp: 182768  
 Ion Ratio Lower Upper  
 225 100  
 223 61.6 31.9 95.5  
 227 64.9 30.7 92.1



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

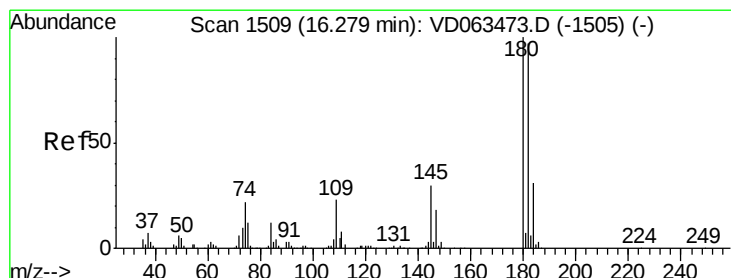
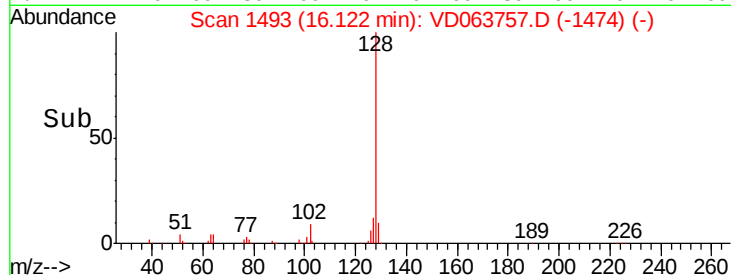
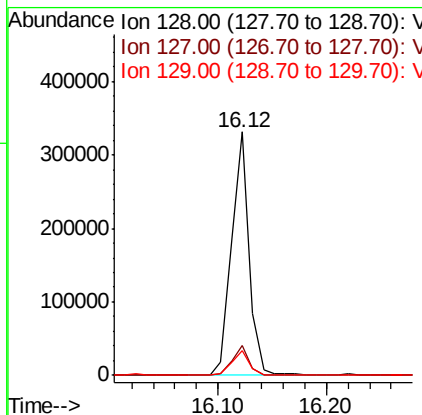
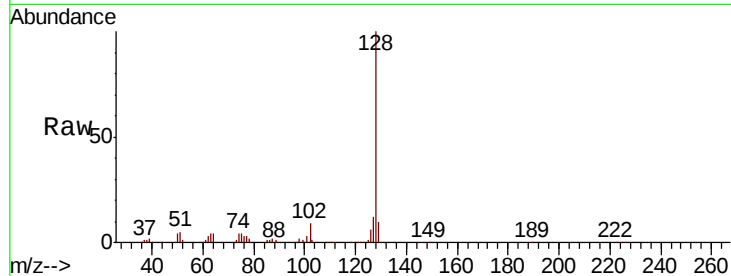




#95  
Naphthalene  
Concen: 21.071 ug/l  
RT: 16.12 min Scan# 1493  
Delta R.T. -0.01 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0823SBS02

Tgt Ion:128 Resp: 377498  
Ion Ratio Lower Upper  
128 100  
127 12.2 9.4 14.0  
129 10.0 8.5 12.7



#96  
1,2,3-Trichlorobenzene  
Concen: 21.689 ug/l  
RT: 16.27 min Scan# 1508  
Delta R.T. -0.01 min  
Lab File: VD063757.D  
Acq: 23 Aug 2019 11:04

Tgt Ion:180 Resp: 207090  
Ion Ratio Lower Upper  
180 100  
182 100.6 48.4 145.2  
145 27.6 14.9 44.9

