

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD081919\  
 Data File : VD063652.D  
 Acq On : 19 Aug 2019 12:47  
 Operator : JC/SY  
 Sample : VD0819SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

Quant Time: Aug 20 08:12:46 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      | 7.04  | 168  | 1099038  | 50.00 | ug/l  | -0.03    |
| 34) 1,4-Difluorobenzene    | 8.22  | 114  | 1579293  | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 12.36 | 117  | 1270264  | 50.00 | ug/l  | -0.02    |
| 72) 1,4-Dichlorobenzene-d4 | 14.52 | 152  | 717090   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |       |
|-----------------------------|--------|-----|----------|-------|---------|-------|
| System Monitoring Compounds |        |     |          |       |         |       |
| 33) 1,2-Dichloroethane-d4   | 7.45   | 65  | 596321   | 50.76 | ug/l    | -0.02 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 101.52% |       |
| 35) Dibromofluoromethane    | 6.93   | 113 | 645448   | 48.53 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.06%  |       |
| 50) Toluene-d8              | 10.41  | 98  | 1493520  | 51.07 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.14% |       |
| 62) 4-Bromofluorobenzene    | 13.55  | 95  | 641013   | 48.36 | ug/l    | 0.00  |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.72%  |       |

| Target Compounds              |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.57 | 85  | 278644  | 20.956  | ug/l   | 95     |
| 3) Chloromethane              | 1.74 | 50  | 227321  | 21.882  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.85 | 62  | 220705  | 21.401  | ug/l   | 98     |
| 5) Bromomethane               | 2.14 | 94  | 94707   | 19.462  | ug/l   | 96     |
| 6) Chloroethane               | 2.25 | 64  | 103387  | 21.922  | ug/l   | 92     |
| 7) Trichlorofluoromethane     | 2.53 | 101 | 407175  | 20.128  | ug/l   | 99     |
| 8) Diethyl Ether              | 2.87 | 74  | 56618   | 19.824  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.14 | 101 | 241766  | 20.241  | ug/l   | 99     |
| 10) Methyl Iodide             | 3.31 | 142 | 286620  | 16.959  | ug/l   | 91     |
| 11) Tert butyl alcohol        | 4.08 | 59  | 56240   | 109.971 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 3.12 | 96  | 186622  | 21.014  | ug/l   | 82     |
| 13) Acrolein                  | 3.03 | 56  | 37154   | 73.808  | ug/l   | 94     |
| 14) Allyl chloride            | 3.62 | 41  | 277458  | 20.783  | ug/l   | 95     |
| 15) Acrylonitrile             | 4.20 | 53  | 151348  | 111.729 | ug/l   | 85     |
| 16) Acetone                   | 3.23 | 43  | 247931  | 103.819 | ug/l   | 97     |
| 17) Carbon Disulfide          | 3.36 | 76  | 584095  | 20.840  | ug/l   | 99     |
| 18) Methyl Acetate            | 3.64 | 43  | 91808   | 20.296  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 4.24 | 73  | 387234  | 21.803  | ug/l   | 95     |
| 20) Methylene Chloride        | 3.81 | 84  | 201796  | 19.542  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 4.21 | 96  | 202640  | 21.684  | ug/l   | 92     |
| 22) Diisopropyl ether         | 5.13 | 45  | 578624  | 21.004  | ug/l   | 94     |
| 23) Vinyl Acetate             | 5.06 | 43  | 1672764 | 104.447 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 4.98 | 63  | 379899  | 22.234  | ug/l   | 99     |
| 25) 2-Butanone                | 6.07 | 43  | 242868  | 102.972 | ug/l   | 96     |
| 26) 2,2-Dichloropropane       | 6.01 | 77  | 367714  | 21.606  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 6.03 | 96  | 208468  | 20.389  | ug/l   | 86     |
| 28) Bromochloromethane        | 6.44 | 49  | 136776  | 19.751  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 6.47 | 42  | 114852  | 104.502 | ug/l   | 93     |
| 30) Chloroform                | 6.66 | 83  | 447015  | 21.048  | ug/l   | 96     |
| 31) Cyclohexane               | 6.95 | 56  | 221253  | 20.858  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 6.87 | 97  | 439216  | 21.619  | ug/l   | 96     |
| 36) 1,1-Dichloropropene       | 7.14 | 75  | 289029  | 20.702  | ug/l   | 95     |
| 37) Ethyl Acetate             | 6.18 | 43  | 120376  | 20.576  | ug/l # | 94     |
| 38) Carbon Tetrachloride      | 7.11 | 117 | 453547  | 21.555  | ug/l   | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD081919\  
 Data File : VD063652.D  
 Acq On : 19 Aug 2019 12:47  
 Operator : JC/SY  
 Sample : VD0819SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

Quant Time: Aug 20 08:12:46 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D080919S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 10 06:42:47 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 8.87  | 83   | 233129   | 19.637  | ug/l   | 97       |
| 40) Benzene                    | 7.45  | 78   | 625333   | 20.353  | ug/l   | 99       |
| 41) Methacrylonitrile          | 6.45  | 41   | 154703   | 21.002  | ug/l # | 90       |
| 42) 1,2-Dichloroethane         | 7.58  | 62   | 329668   | 21.339  | ug/l   | 97       |
| 43) Isopropyl Acetate          | 9.24  | 43   | 164828   | 21.037  | ug/l # | 100      |
| 44) Trichloroethene            | 8.54  | 130  | 244365   | 20.809  | ug/l   | 92       |
| 45) 1,2-Dichloropropane        | 8.94  | 63   | 156201   | 21.831  | ug/l   | 92       |
| 46) Dibromomethane             | 9.06  | 93   | 120521   | 19.725  | ug/l   | 92       |
| 47) Bromodichloromethane       | 9.37  | 83   | 323796   | 20.659  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.12  | 41   | 102266   | 19.246  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 9.08  | 88   | 18970    | 414.632 | ug/l # | 79       |
| 51) 4-Methyl-2-Pentanone       | 10.30 | 43   | 571100   | 106.519 | ug/l   | 95       |
| 52) Toluene                    | 10.51 | 92   | 428170   | 21.637  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.91 | 75   | 281174   | 21.983  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.04 | 75   | 299408   | 20.760  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 11.19 | 97   | 141536   | 21.173  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 11.04 | 69   | 152758   | 21.054  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 11.41 | 76   | 218188   | 21.593  | ug/l   | 91       |
| 58) 2-Chloroethyl Vinyl ether  | 9.85  | 63   | 383182   | 100.036 | ug/l   | 100      |
| 59) 2-Hexanone                 | 11.53 | 43   | 415787   | 106.580 | ug/l   | 98       |
| 60) Dibromochloromethane       | 11.68 | 129  | 265762   | 21.849  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.80 | 107  | 167539   | 20.703  | ug/l   | 99       |
| 64) Tetrachloroethene          | 11.26 | 164  | 212564   | 21.677  | ug/l   | 96       |
| 65) Chlorobenzene              | 12.40 | 112  | 526207   | 22.102  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 12.51 | 131  | 220696   | 21.063  | ug/l   | 91       |
| 67) Ethyl Benzene              | 12.52 | 91   | 863090   | 20.850  | ug/l   | 99       |
| 68) m/p-Xylenes                | 12.67 | 106  | 628722   | 43.230  | ug/l   | 99       |
| 69) o-Xylene                   | 13.04 | 106  | 306571   | 21.901  | ug/l   | 99       |
| 70) Styrene                    | 13.07 | 104  | 530034   | 21.287  | ug/l   | 97       |
| 71) Bromoform                  | 13.23 | 173  | 151951   | 21.150  | ug/l # | 97       |
| 73) Isopropylbenzene           | 13.41 | 105  | 986781   | 21.635  | ug/l   | 100      |
| 74) N-amyl acetate             | 13.27 | 43   | 210932   | 18.422  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 13.70 | 83   | 156059   | 20.614  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 13.73 | 75   | 177403   | 21.556  | ug/l   | 99       |
| 77) Bromobenzene               | 13.67 | 156  | 255339   | 20.484  | ug/l   | 88       |
| 78) n-propylbenzene            | 13.77 | 91   | 1039232  | 19.474  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 13.84 | 91   | 620762   | 20.174  | ug/l   | 87       |
| 80) 1,3,5-Trimethylbenzene     | 13.93 | 105  | 778070   | 19.524  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 13.47 | 75   | 43660    | 19.738  | ug/l   | 94       |
| 82) 4-Chlorotoluene            | 13.95 | 91   | 726662   | 19.639  | ug/l   | 93       |
| 83) tert-Butylbenzene          | 14.18 | 119  | 914483   | 21.791  | ug/l   | 93       |
| 84) 1,2,4-Trimethylbenzene     | 14.23 | 105  | 783522   | 21.249  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 14.37 | 105  | 883952   | 19.834  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 14.49 | 119  | 872222   | 20.469  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 14.46 | 146  | 437202   | 19.390  | ug/l   | 94       |
| 88) 1,4-Dichlorobenzene        | 14.54 | 146  | 461442   | 21.330  | ug/l   | 96       |
| 89) n-Butylbenzene             | 14.79 | 91   | 791833   | 20.360  | ug/l   | 94       |
| 90) Hexachloroethane           | 15.00 | 117  | 217212   | 20.280  | ug/l   | 79       |
| 91) 1,2-Dichlorobenzene        | 14.80 | 146  | 407224   | 21.287  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 15.37 | 75   | 29163    | 20.458  | ug/l   | 69       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD081919\  
Data File : VD063652.D  
Acq On : 19 Aug 2019 12:47  
Operator : JC/SY  
Sample : VD0819SBS01  
Misc : 5.00g/5ml/MSVOA\_D/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Quant Time: Aug 20 08:12:46 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

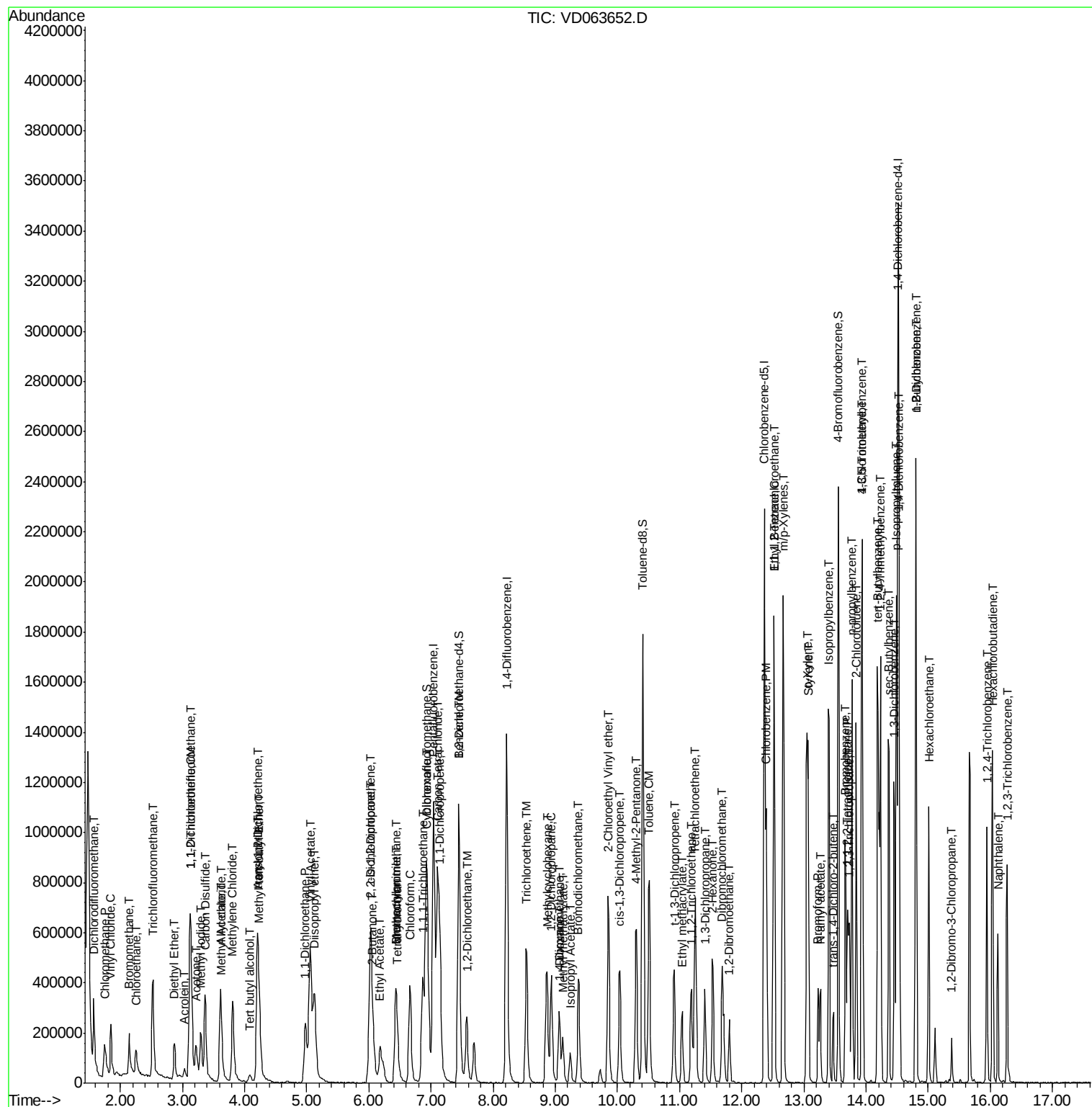
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.95 | 180  | 302697   | 21.504 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 16.03 | 225  | 206754   | 19.272 | ug/l  | 95       |
| 95) Naphthalene            | 16.12 | 128  | 361278   | 16.935 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 16.27 | 180  | 220591   | 19.402 | ug/l  | 98       |

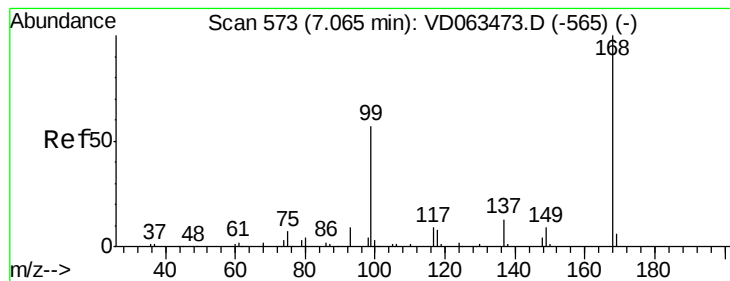
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_D\DATA\VD081919\  
 Data File : VD063652.D  
 Acq On : 19 Aug 2019 12:47  
 Operator : JC/SY  
 Sample : VD0819SBS01  
 Misc : 5.00g/5ml/MSVOA\_D/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 Client Sample Id :  
 VD0819SBS01

Quant Time: Aug 20 08:12:46 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

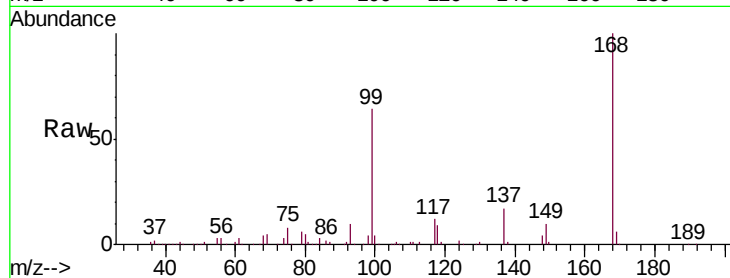
VD0819SBS01

Tgt Ion:168 Resp: 1099038

Ion Ratio Lower Upper

168 100

99 63.6 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

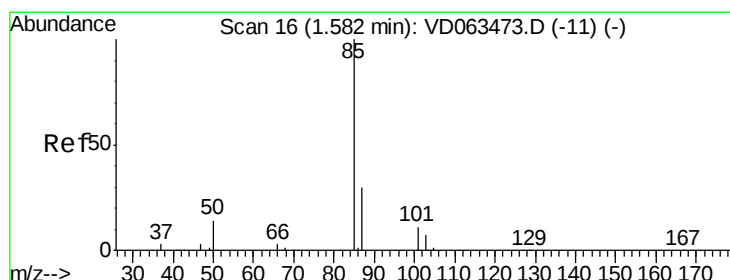
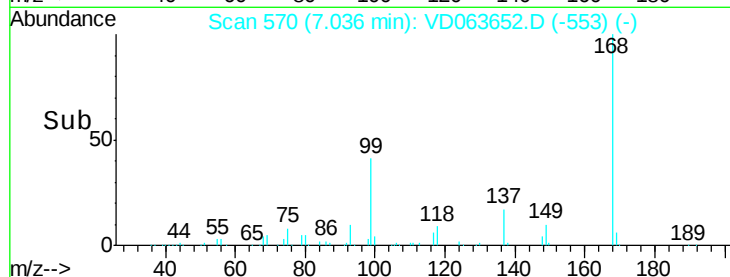
200000

100000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#2

Dichlorodifluoromethane

Concen: 20.956 ug/l

RT: 1.57 min Scan# 15

Delta R.T. -0.01 min

Lab File: VD063652.D

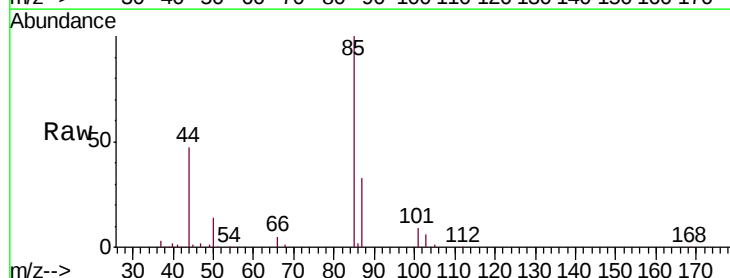
Acq: 19 Aug 2019 12:47

Tgt Ion: 85 Resp: 278644

Ion Ratio Lower Upper

85 100

87 32.8 15.0 45.0



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.57

150000

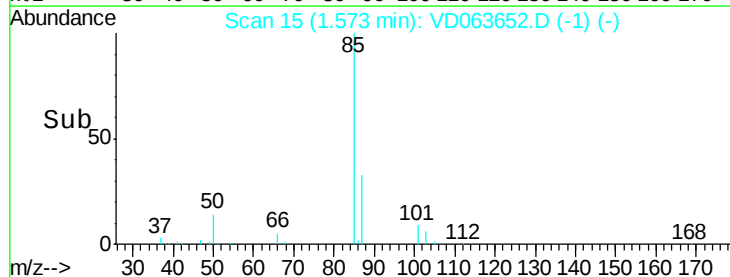
100000

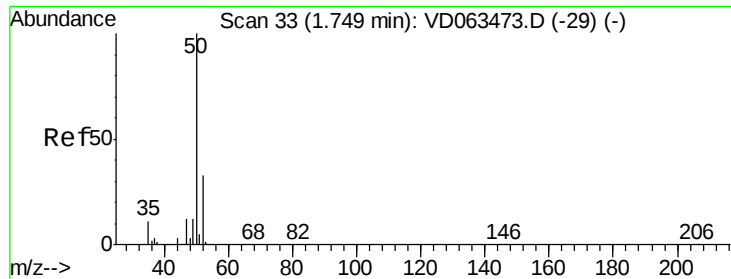
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 21.882 ug/l

RT: 1.74 min Scan# 32

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

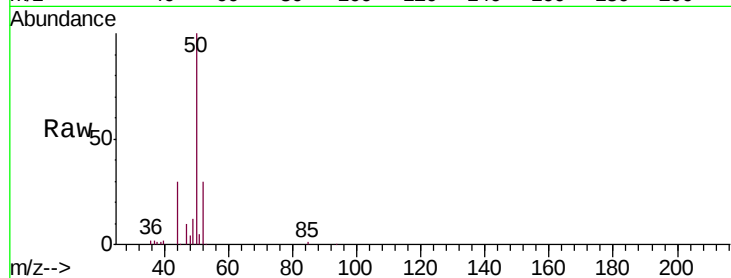
VD0819SBS01

Tgt Ion: 50 Resp: 227321

Ion Ratio Lower Upper

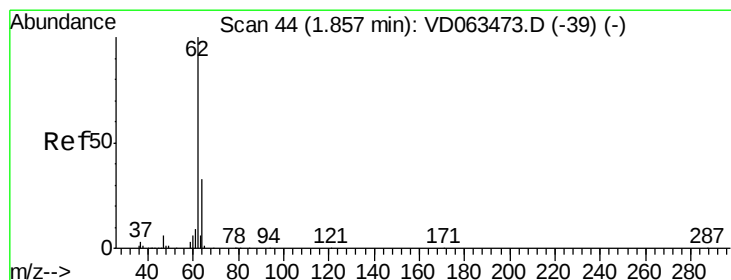
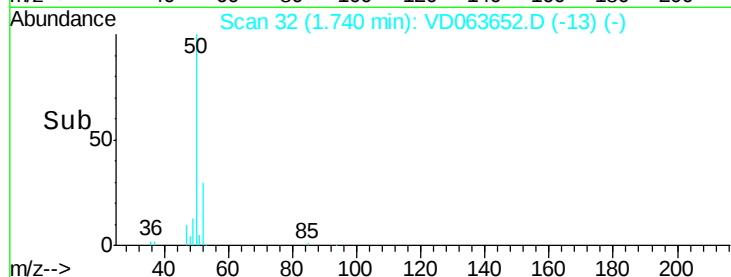
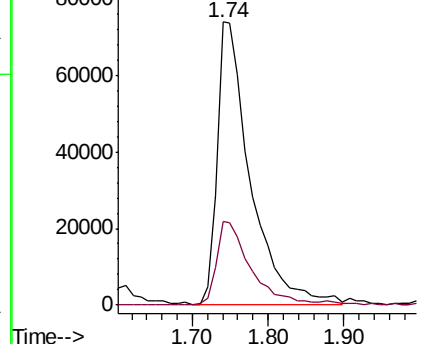
50 100

52 29.6 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: 21.401 ug/l

RT: 1.85 min Scan# 43

Delta R.T. -0.01 min

Lab File: VD063652.D

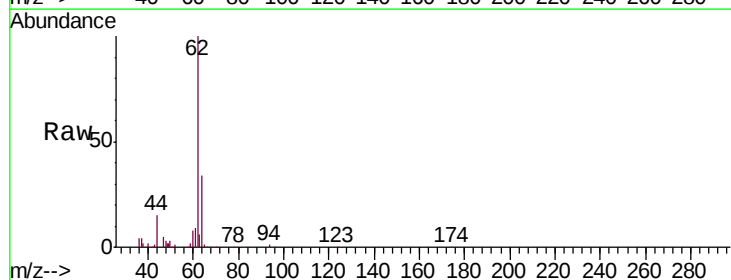
Acq: 19 Aug 2019 12:47

Tgt Ion: 62 Resp: 220705

Ion Ratio Lower Upper

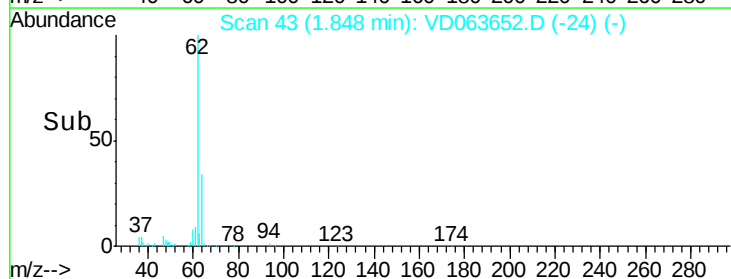
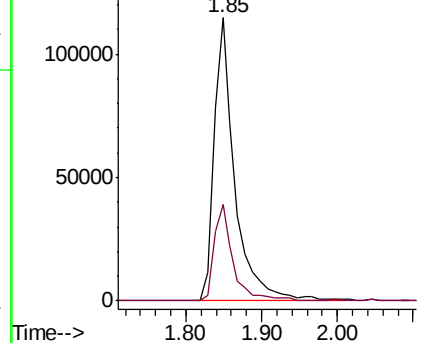
62 100

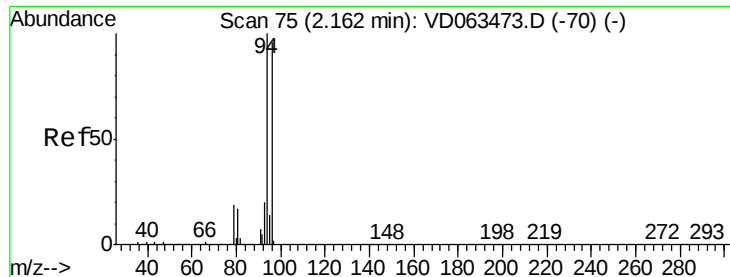
64 33.9 26.4 39.6



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 19.462 ug/l

RT: 2.14 min Scan# 73

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

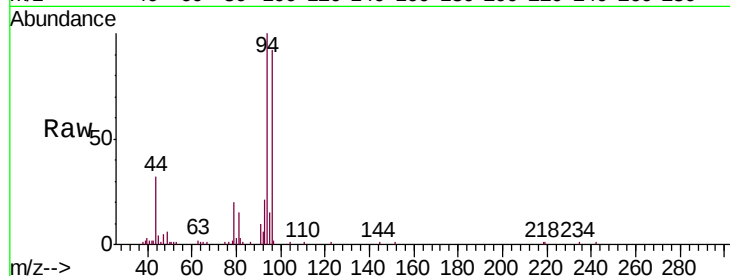
Tgt Ion: 94 Resp: 94707

Ion Ratio Lower Upper

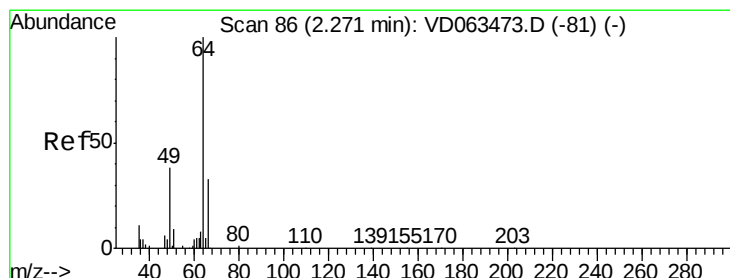
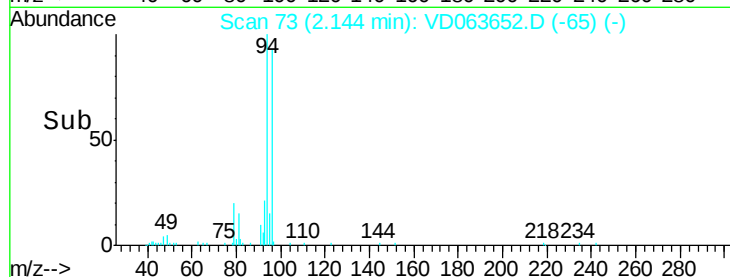
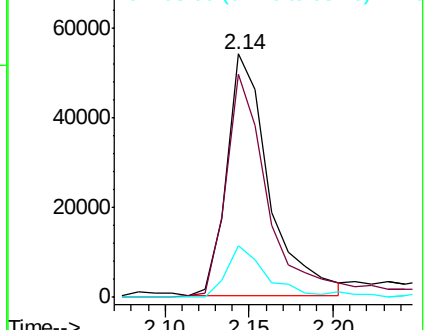
94 100

96 91.7 76.5 114.7

93 21.0 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: 21.922 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.02 min

Lab File: VD063652.D

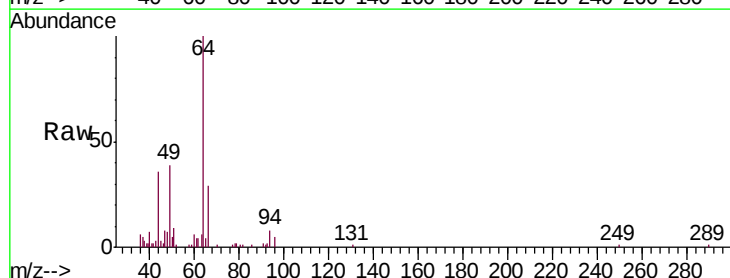
Acq: 19 Aug 2019 12:47

Tgt Ion: 64 Resp: 103387

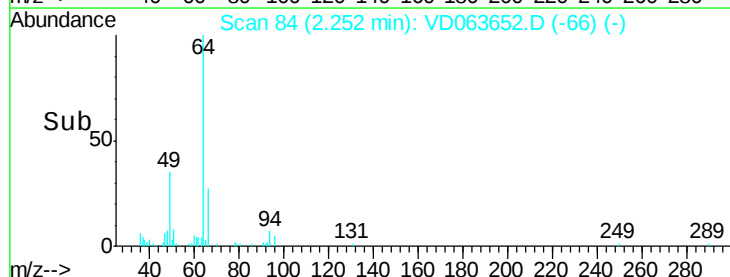
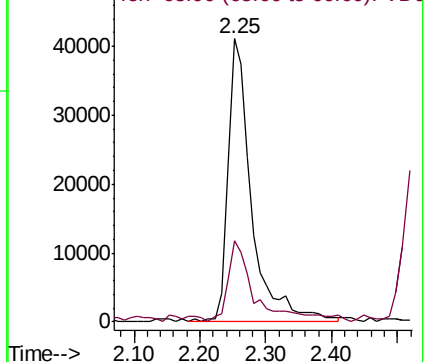
Ion Ratio Lower Upper

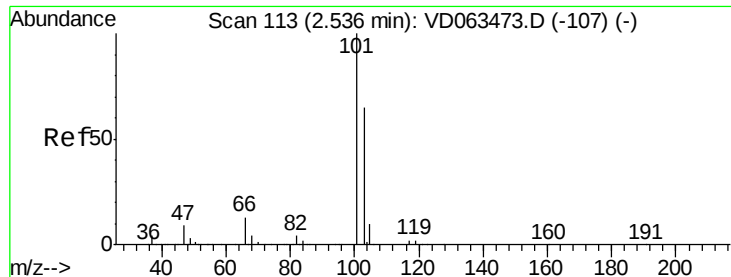
64 100

66 28.5 26.3 39.5



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



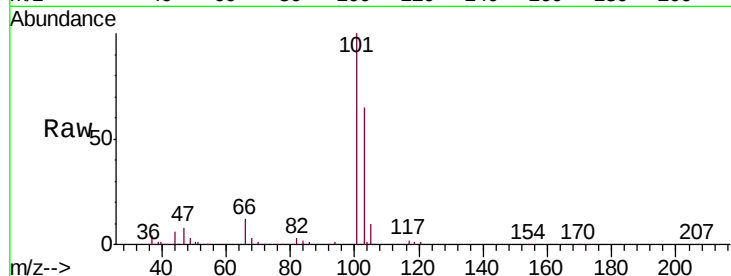


#7

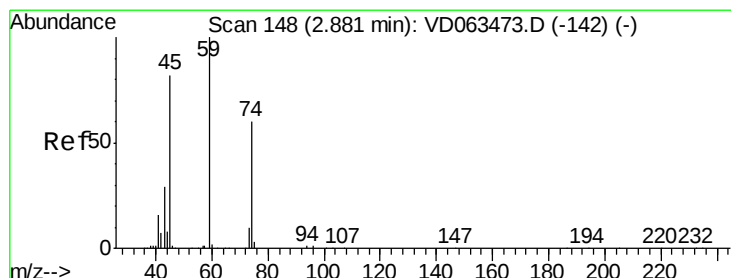
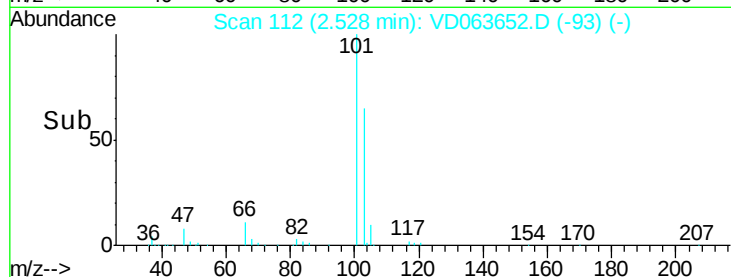
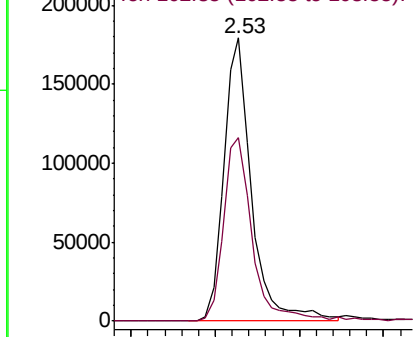
Trichlorofluoromethane  
Concen: 20.128 ug/l  
RT: 2.53 min Scan# 112  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion:101 Resp: 407175  
Ion Ratio Lower Upper  
101 100  
103 64.9 52.2 78.4



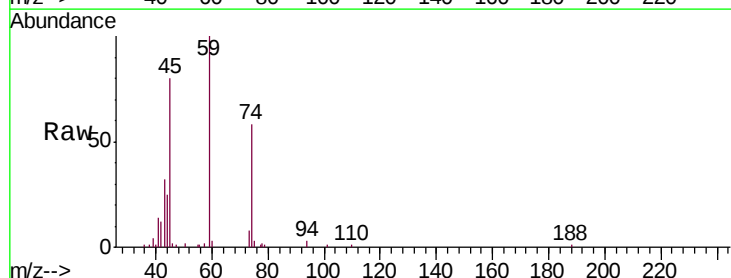
Abundance Ion 100.85 (100.55 to 101.55): V  
Ion 102.85 (102.55 to 103.55): V



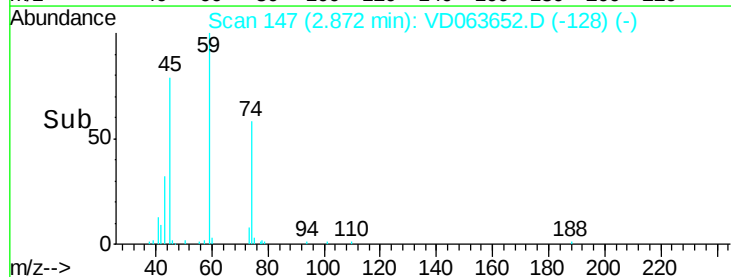
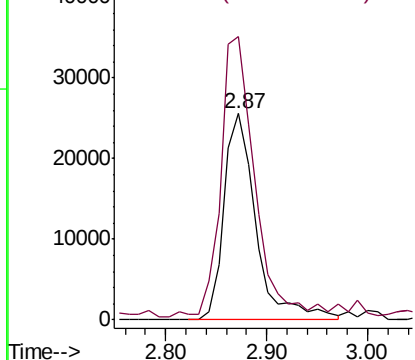
#8

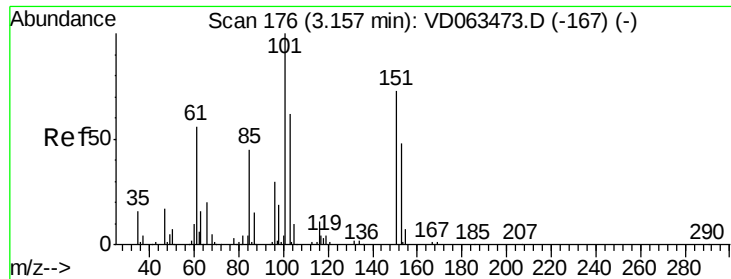
Diethyl Ether  
Concen: 19.824 ug/l  
RT: 2.87 min Scan# 147  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 74 Resp: 56618  
Ion Ratio Lower Upper  
74 100  
45 137.4 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: 20.241 ug/l

RT: 3.14 min Scan# 174

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

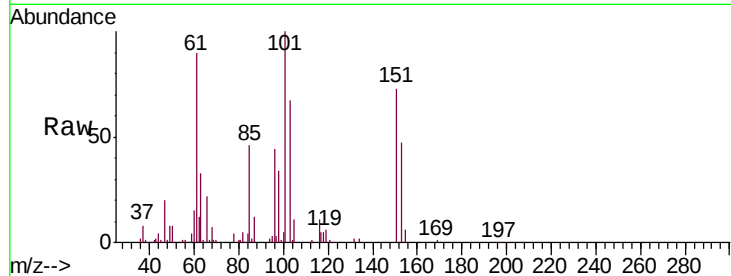
Tgt Ion:101 Resp: 241766

Ion Ratio Lower Upper

101 100

85 45.8 35.8 53.6

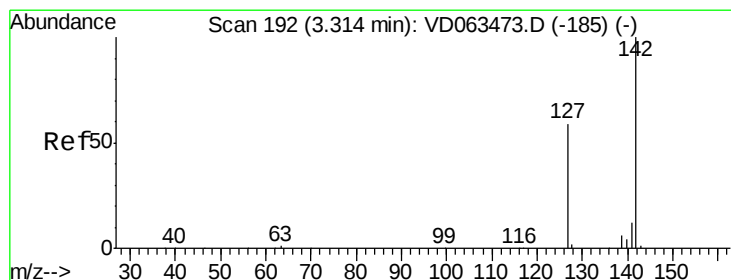
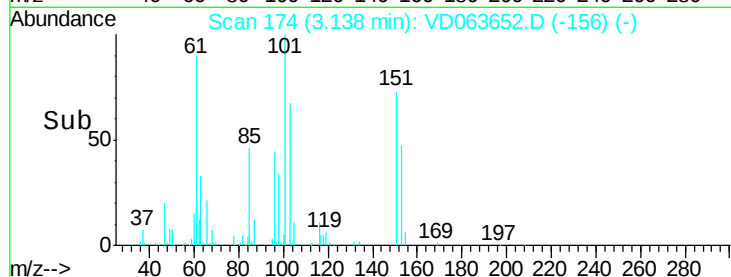
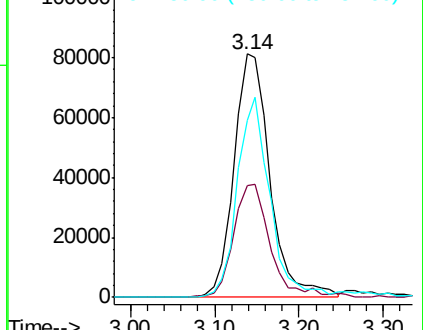
151 72.9 58.6 88.0



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: 16.959 ug/l

RT: 3.31 min Scan# 191

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

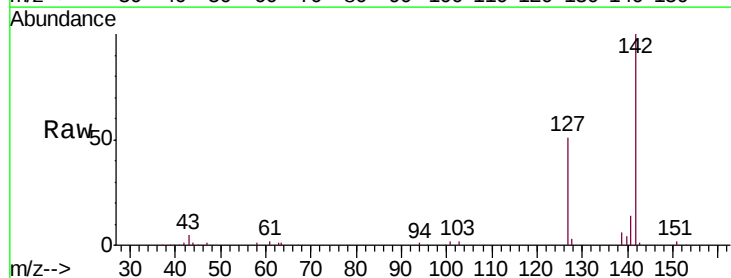
Tgt Ion:142 Resp: 286620

Ion Ratio Lower Upper

142 100

127 51.4 47.2 70.8

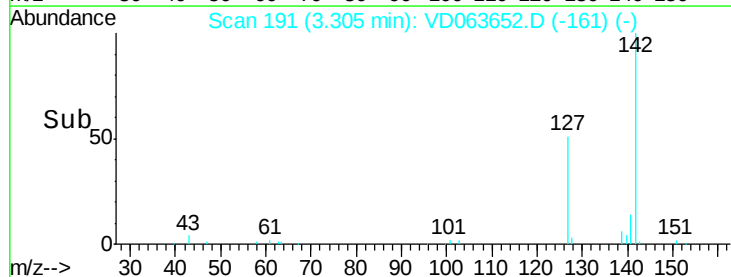
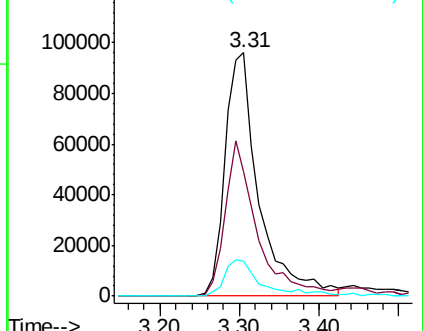
141 14.1 9.8 14.8

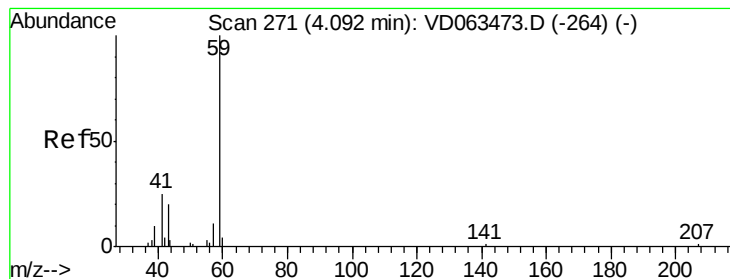


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V



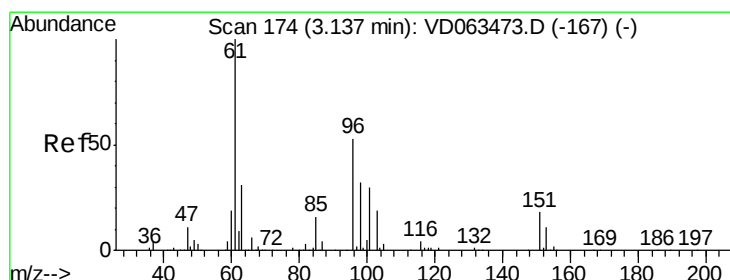
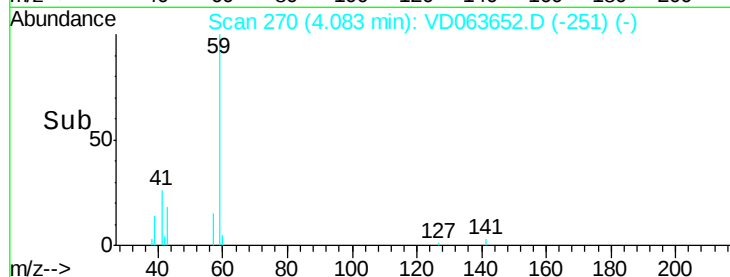
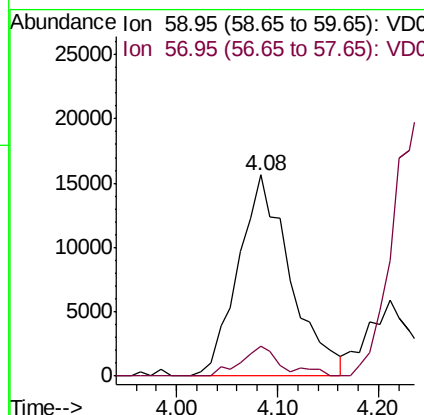
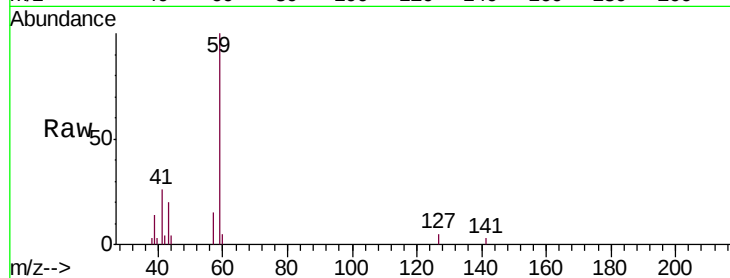


#11

Tert butyl alcohol  
 Concen: 109.971 ug/l  
 RT: 4.08 min Scan# 270  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

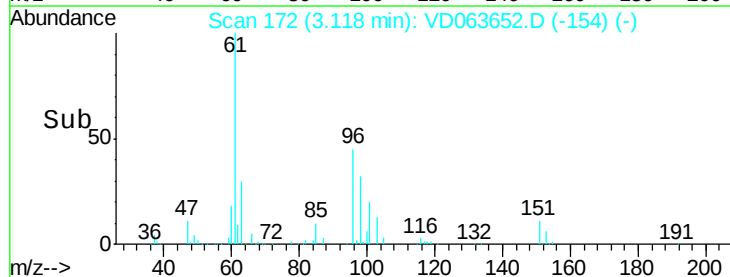
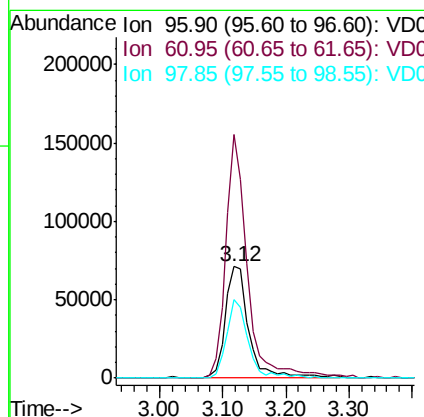
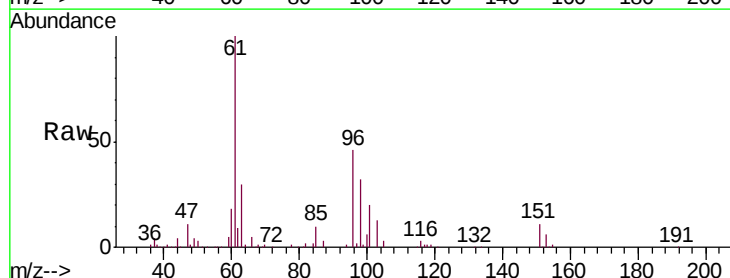
Tgt Ion: 59 Resp: 56240  
 Ion Ratio Lower Upper  
 59 100  
 57 15.0 8.7 13.1#

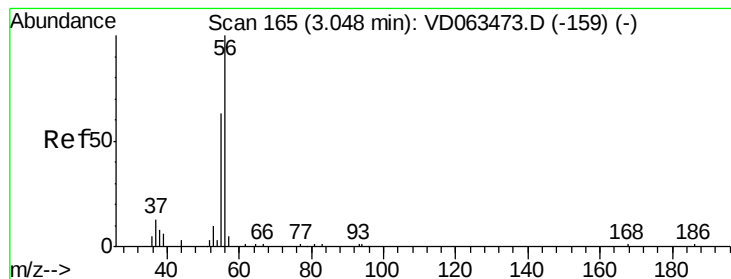


#12

1,1-Dichloroethene  
 Concen: 21.014 ug/l  
 RT: 3.12 min Scan# 172  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 96 Resp: 186622  
 Ion Ratio Lower Upper  
 96 100  
 61 218.9 151.7 227.5  
 98 70.1 48.4 72.6





#13

Acrolein

Concen: 73.808 ug/l

RT: 3.03 min Scan# 163

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

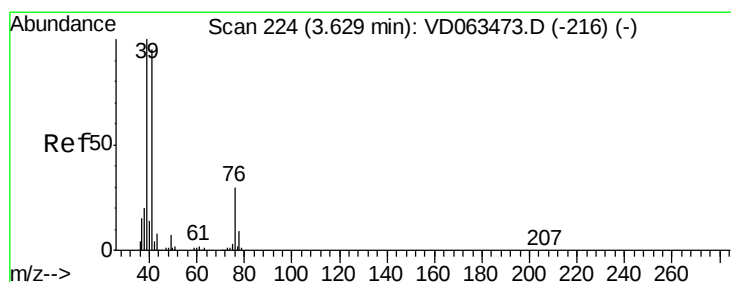
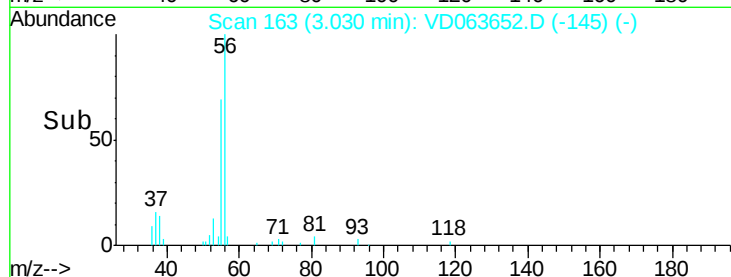
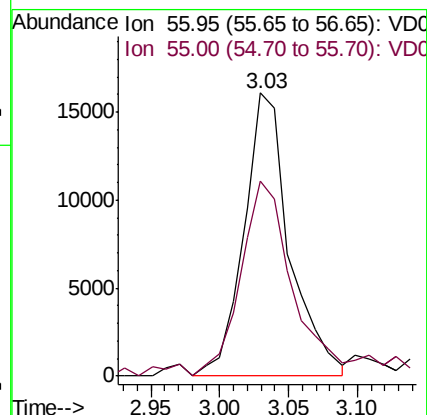
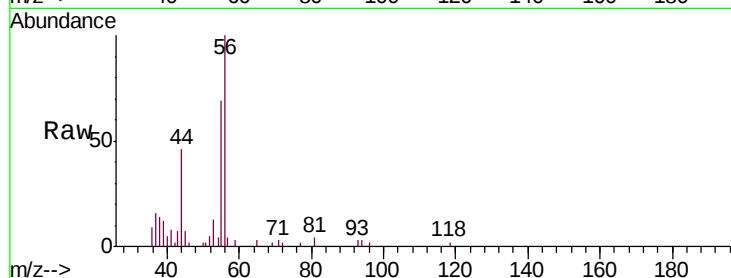
VD0819SBS01

Tgt Ion: 56 Resp: 37154

Ion Ratio Lower Upper

56 100

55 68.7 51.3 76.9



#14

Allyl chloride

Concen: 20.783 ug/l

RT: 3.62 min Scan# 223

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

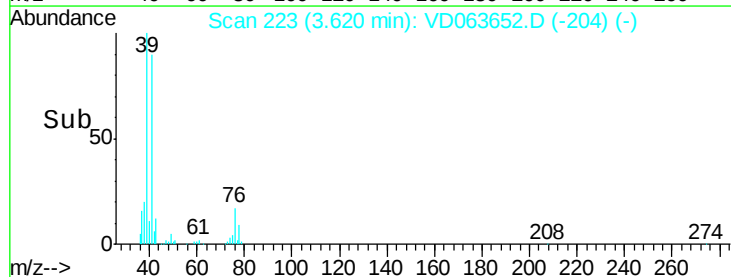
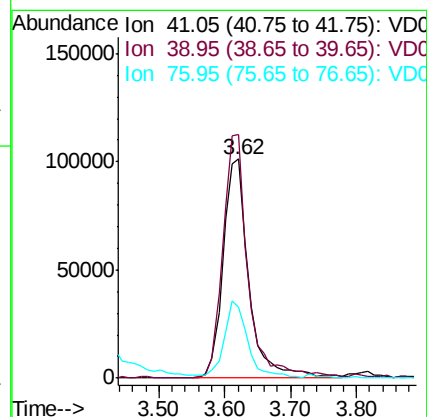
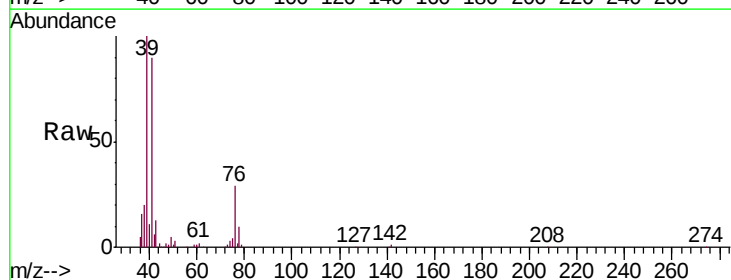
Tgt Ion: 41 Resp: 277458

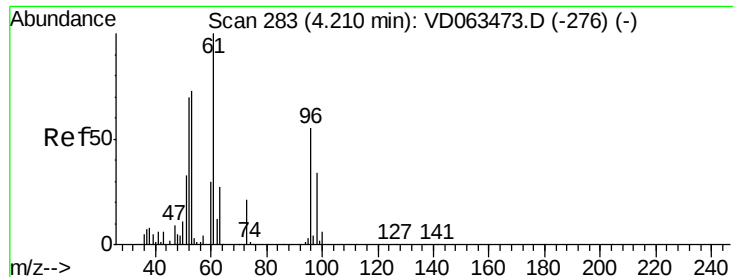
Ion Ratio Lower Upper

41 100

39 111.3 84.2 126.4

76 32.1 26.0 39.0





#15

Acrylonitrile

Concen: 111.729 ug/l

RT: 4.20 min Scan# 282

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

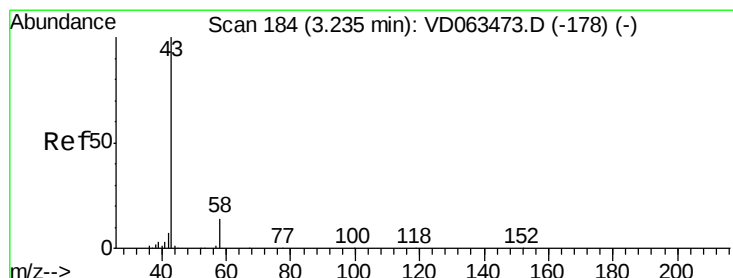
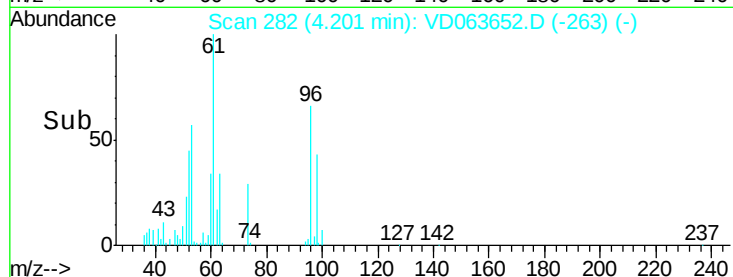
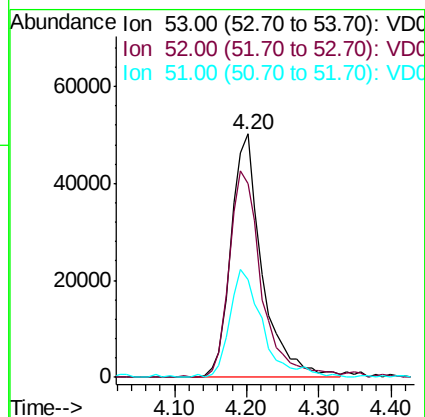
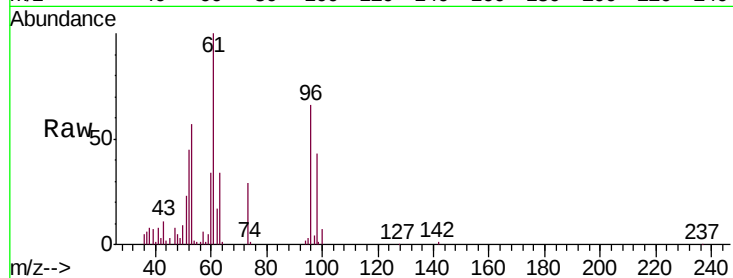
Tgt Ion: 53 Resp: 151348

Ion Ratio Lower Upper

53 100

52 79.6 77.4 116.0

51 40.0 36.7 55.1



#16

Acetone

Concen: 103.819 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063652.D

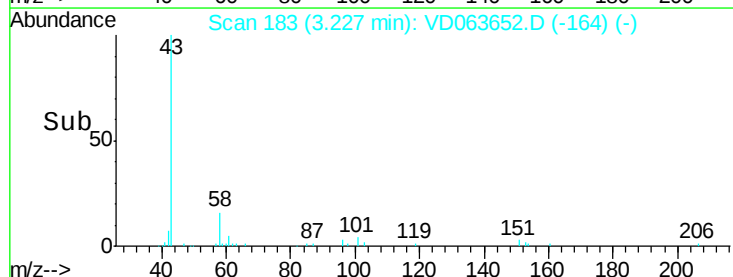
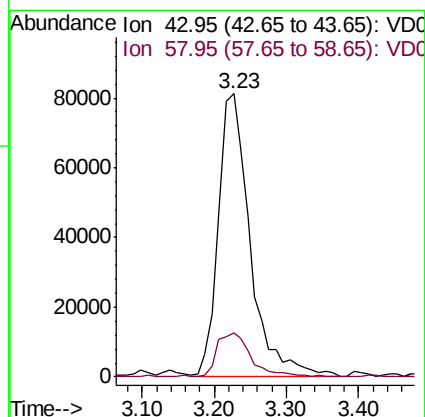
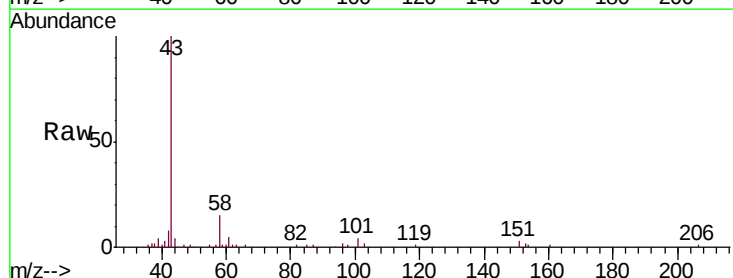
Acq: 19 Aug 2019 12:47

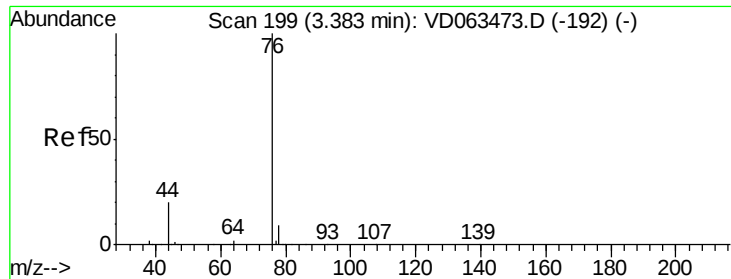
Tgt Ion: 43 Resp: 247931

Ion Ratio Lower Upper

43 100

58 15.4 11.4 17.2

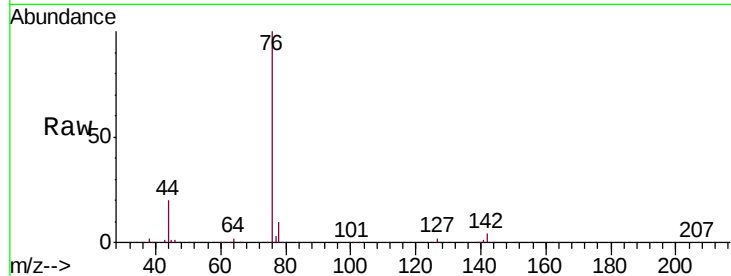




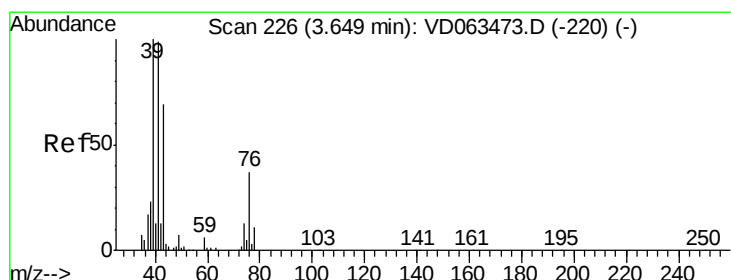
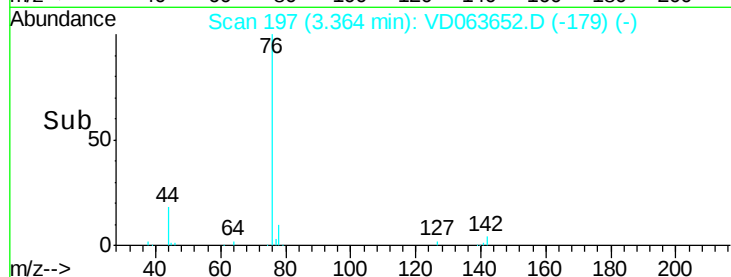
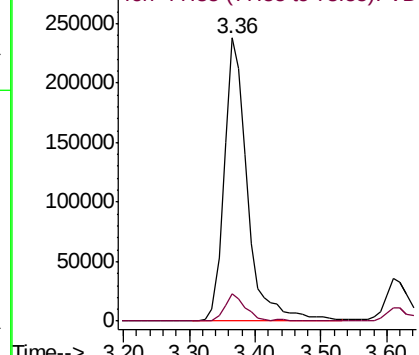
#17  
Carbon Disulfide  
Concen: 20.840 ug/l  
RT: 3.36 min Scan# 197  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion: 76 Resp: 584095  
Ion Ratio Lower Upper  
76 100  
78 9.6 7.4 11.0

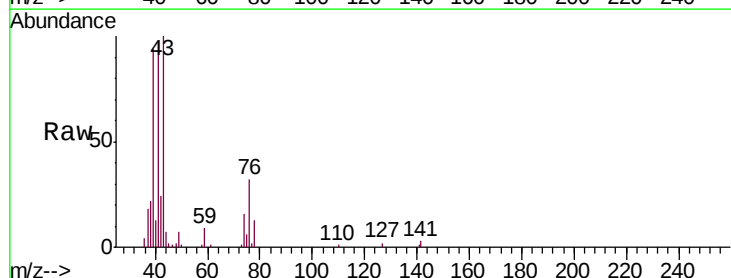


Abundance Ion 75.85 (75.55 to 76.55): VDC  
Ion 77.85 (77.55 to 78.55): VDC

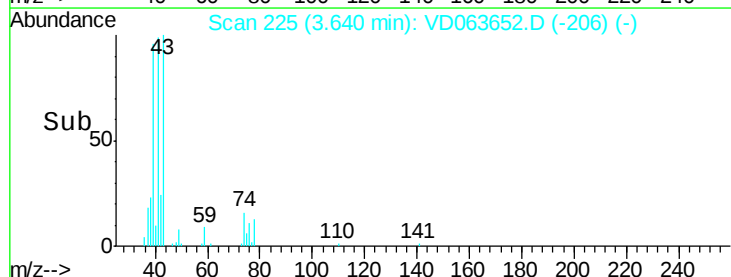
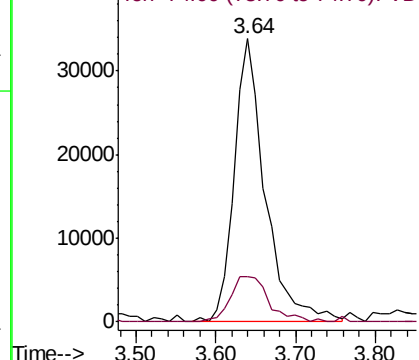


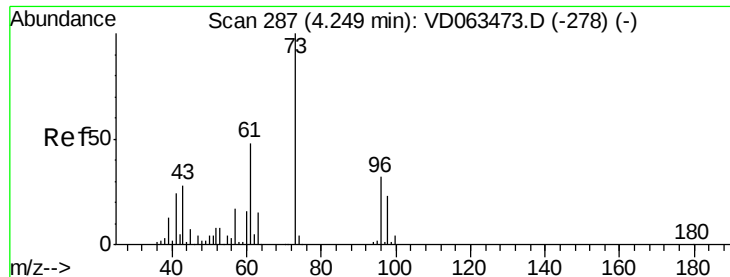
#18  
Methyl Acetate  
Concen: 20.296 ug/l  
RT: 3.64 min Scan# 225  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 43 Resp: 91808  
Ion Ratio Lower Upper  
43 100  
74 16.1 15.4 23.2



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

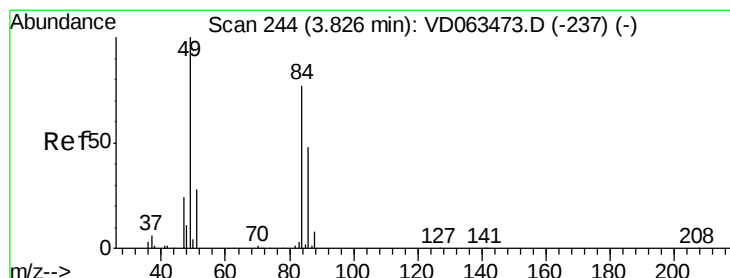
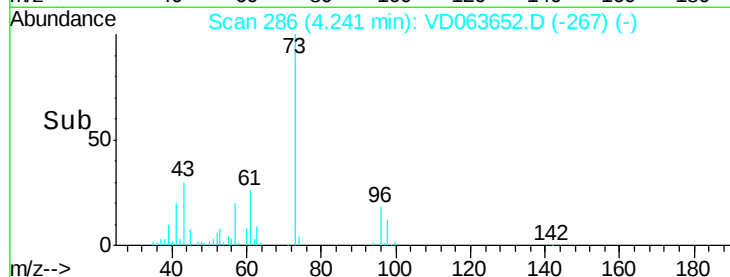
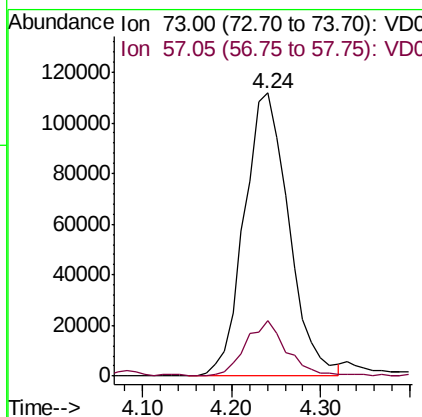
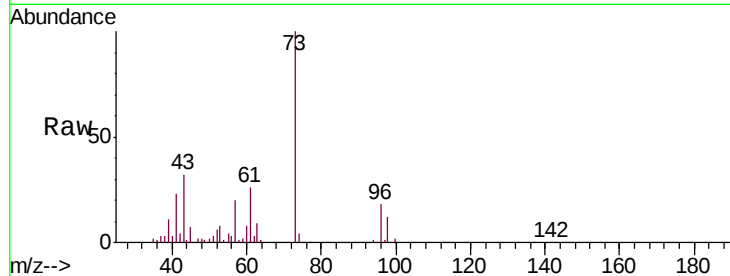




#19  
Methyl tert-butyl Ether  
Concen: 21.803 ug/l  
RT: 4.24 min Scan# 286  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

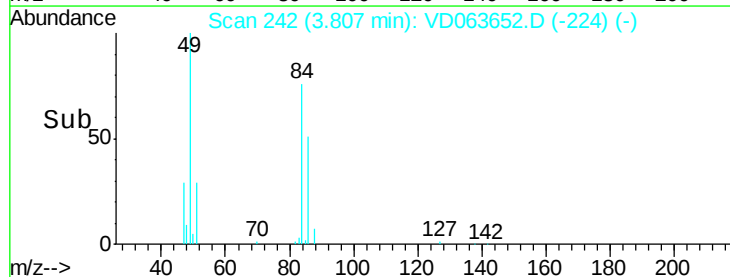
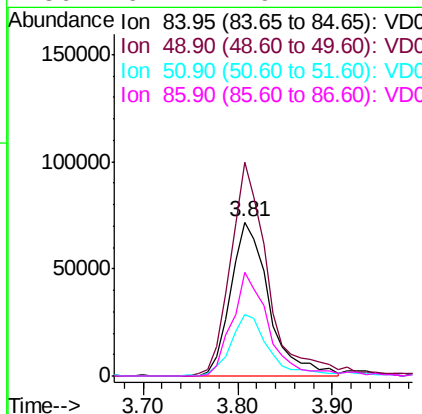
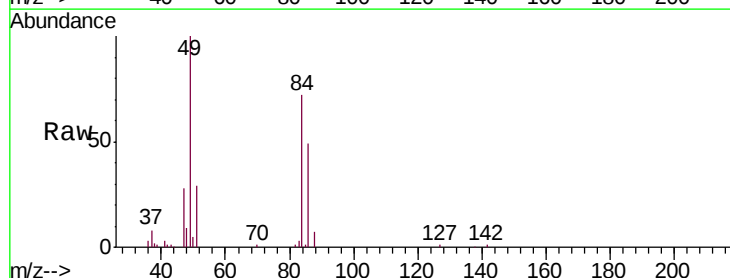
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

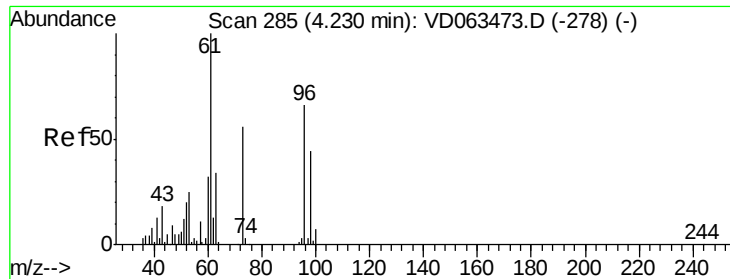
Tgt Ion: 73 Resp: 387234  
Ion Ratio Lower Upper  
73 100  
57 19.7 14.0 21.0



#20  
Methylene Chloride  
Concen: 19.542 ug/l  
RT: 3.81 min Scan# 242  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 84 Resp: 201796  
Ion Ratio Lower Upper  
84 100  
49 138.5 103.4 155.2  
51 40.1 28.5 42.7  
86 67.4 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 21.684 ug/l

RT: 4.21 min Scan# 283

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

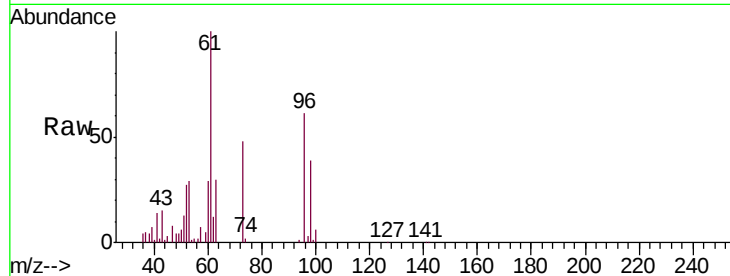
Tgt Ion: 96 Resp: 202640

Ion Ratio Lower Upper

96 100

61 164.0 121.7 182.5

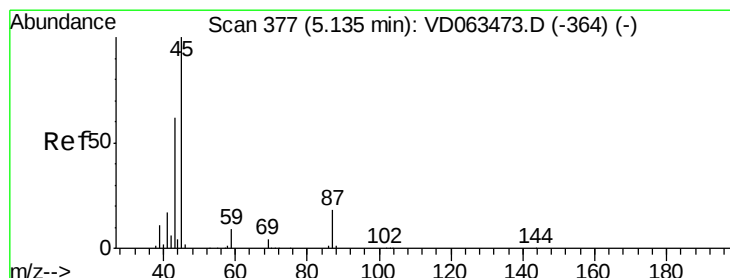
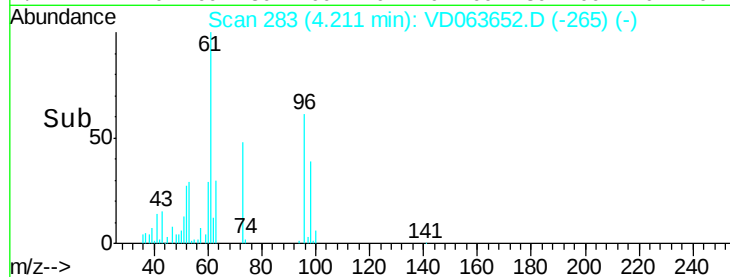
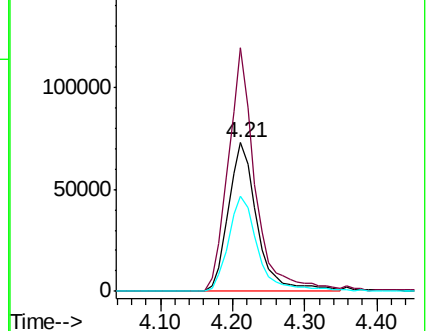
98 63.8 54.2 81.2



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 21.004 ug/l

RT: 5.13 min Scan# 376

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Tgt Ion: 45 Resp: 578624

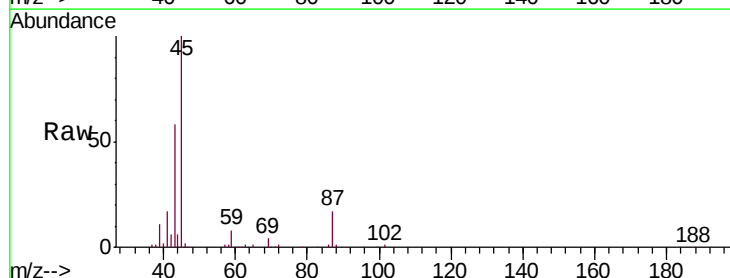
Ion Ratio Lower Upper

45 100

43 57.7 50.3 75.5

87 17.1 14.3 21.5

59 7.7 7.7 11.5

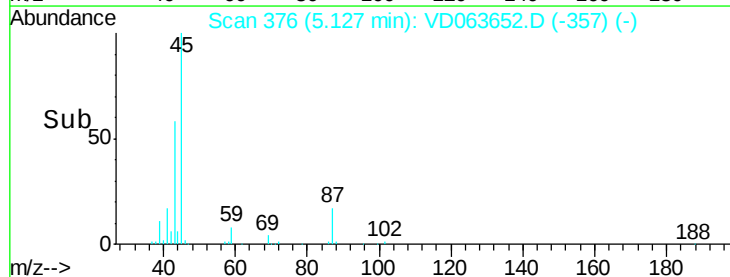
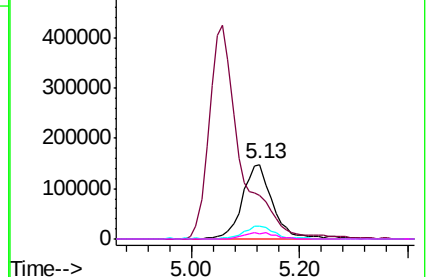


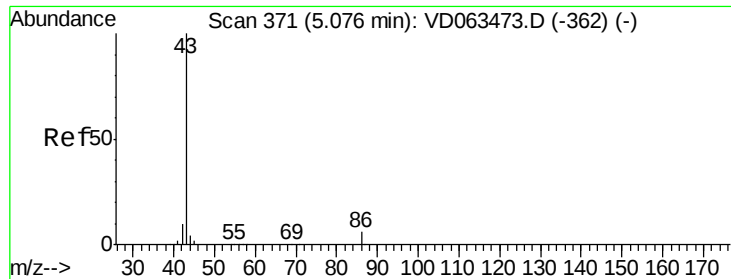
Abundance Ion 45.05 (44.75 to 45.75): VDC

Ion 43.05 (42.75 to 43.75): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 58.95 (58.65 to 59.65): VDC

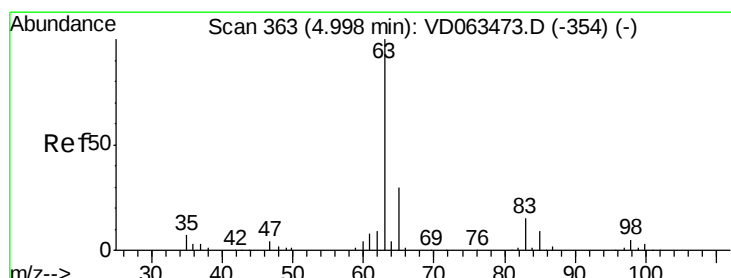
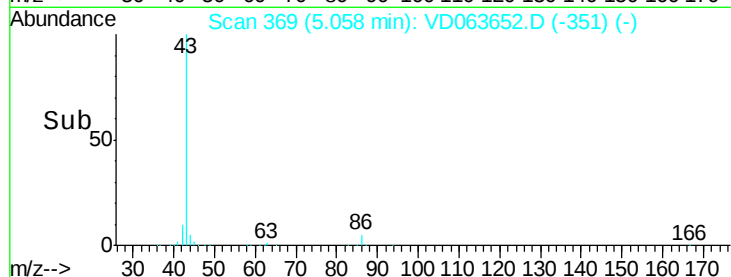
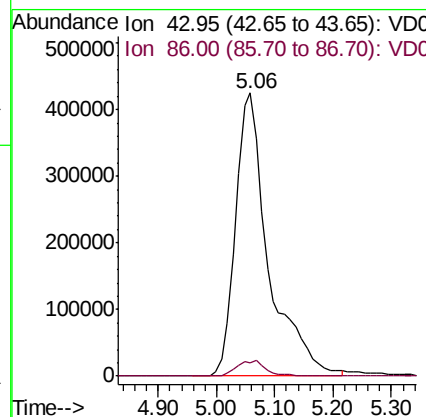
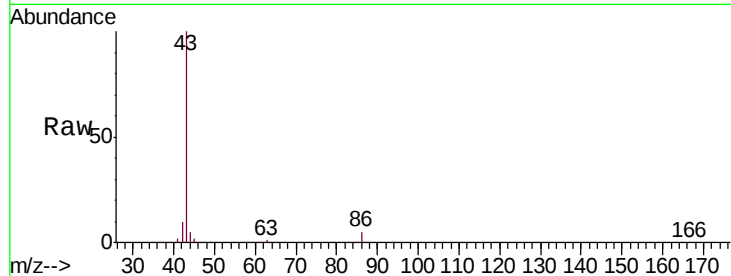




#23  
 Vinyl Acetate  
 Concen: 104.447 ug/l  
 RT: 5.06 min Scan# 369  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

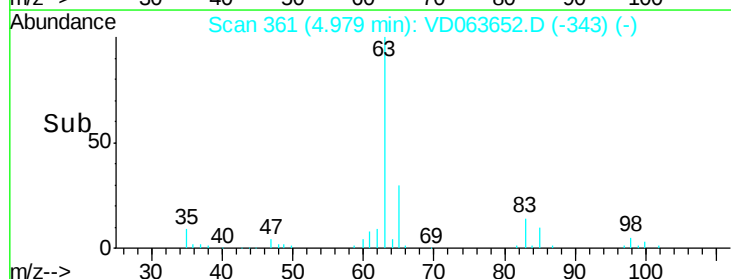
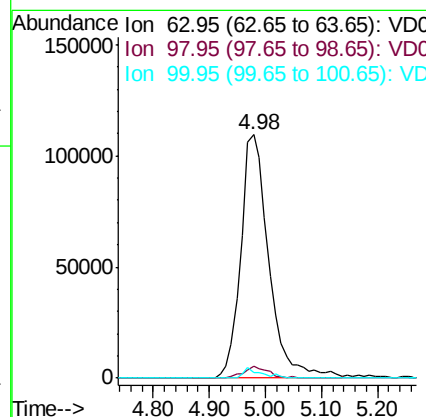
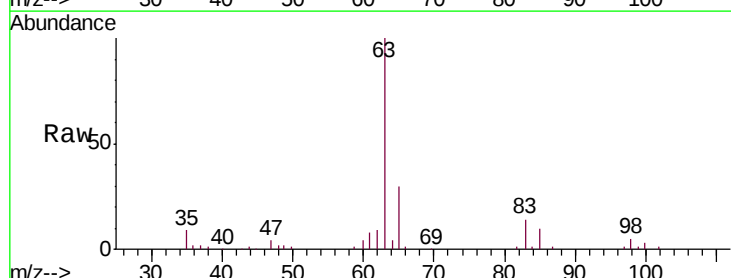
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

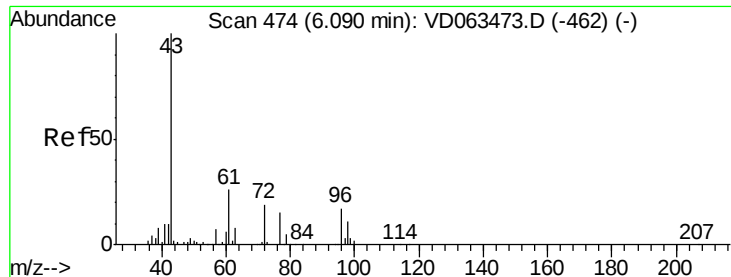
Tgt Ion: 43 Resp: 1672764  
 Ion Ratio Lower Upper  
 43 100  
 86 4.8 4.8 7.2



#24  
 1,1-Dichloroethane  
 Concen: 22.234 ug/l  
 RT: 4.98 min Scan# 361  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 63 Resp: 379899  
 Ion Ratio Lower Upper  
 63 100  
 98 5.1 2.4 7.2  
 100 2.5 1.3 3.8





#25

2-Butanone

Concen: 102.972 ug/l

RT: 6.07 min Scan# 472

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

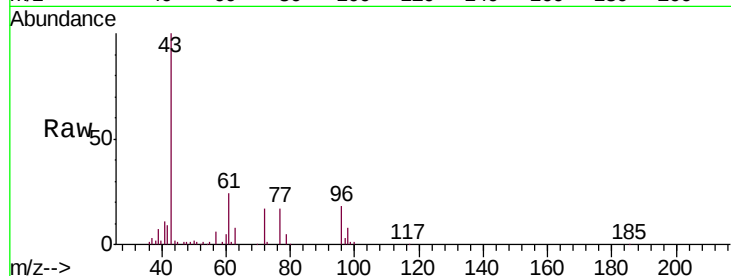
VD0819SBS01

Tgt Ion: 43 Resp: 242868

Ion Ratio Lower Upper

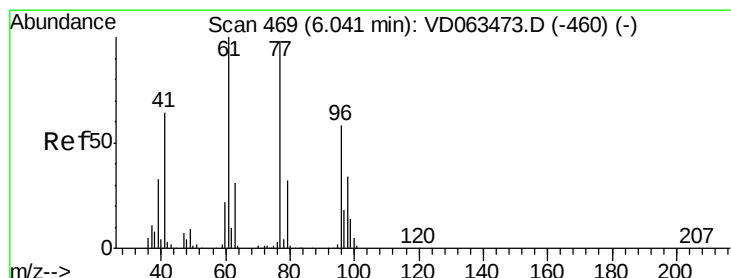
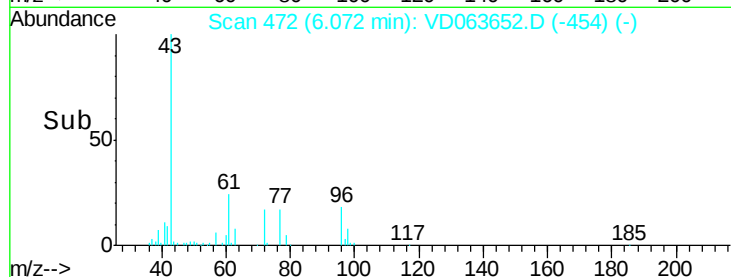
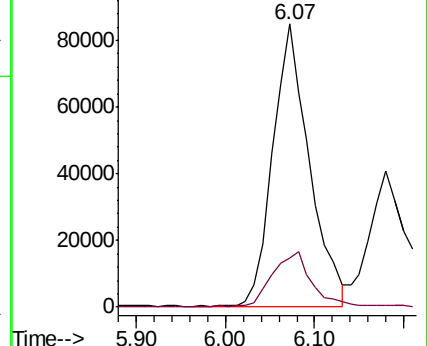
43 100

72 17.2 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: 21.606 ug/l

RT: 6.01 min Scan# 466

Delta R.T. -0.03 min

Lab File: VD063652.D

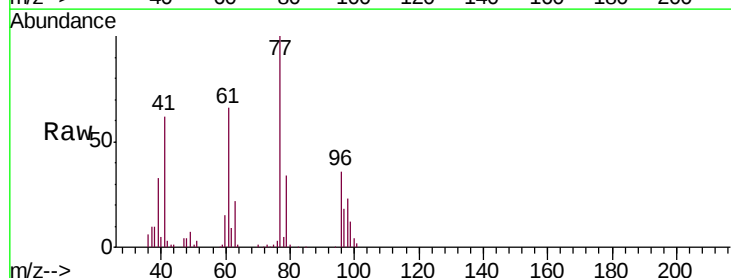
Acq: 19 Aug 2019 12:47

Tgt Ion: 77 Resp: 367714

Ion Ratio Lower Upper

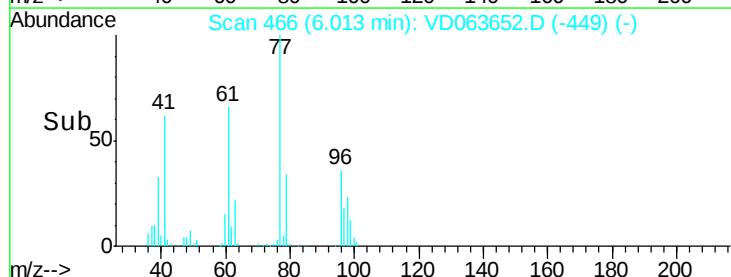
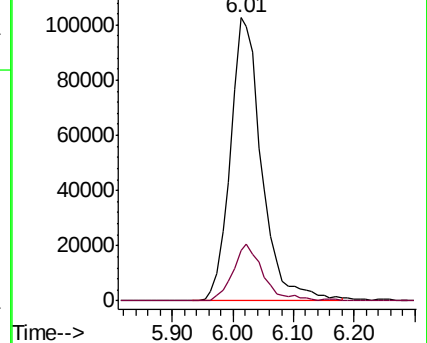
77 100

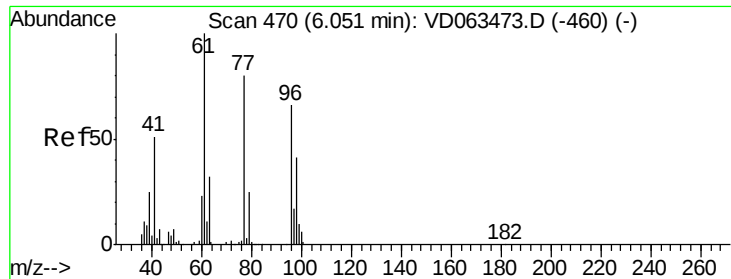
97 17.8 9.0 27.1



Abundance Ion 76.95 (76.65 to 77.65): VDC

Ion 96.85 (96.55 to 97.55): VDC



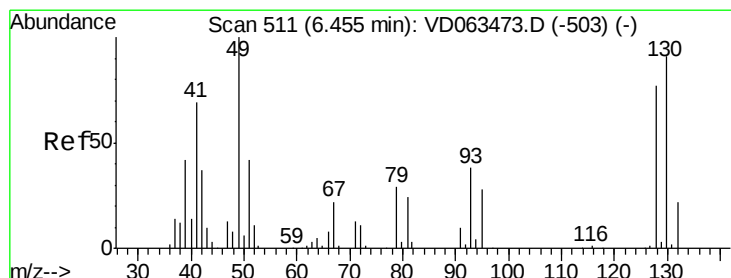
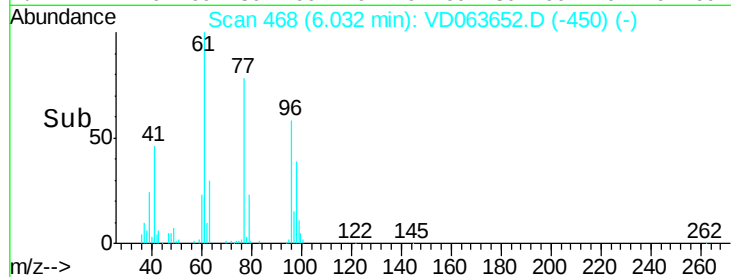
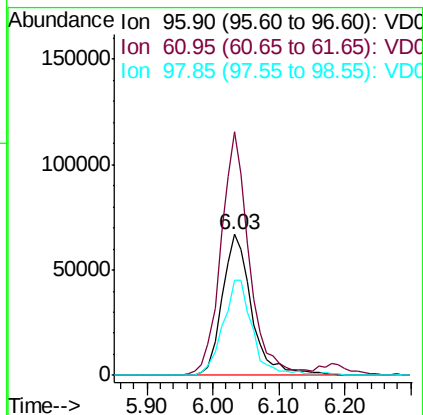
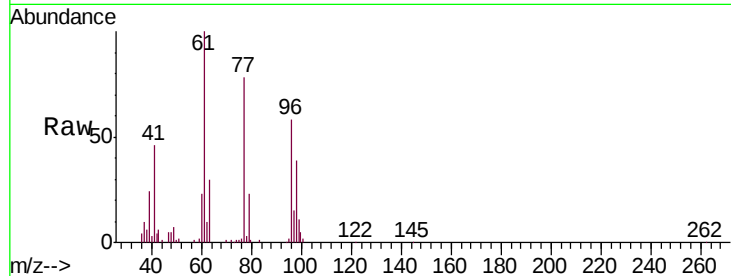


#27

cis-1,2-Dichloroethene  
Concen: 20.389 ug/l  
RT: 6.03 min Scan# 468  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

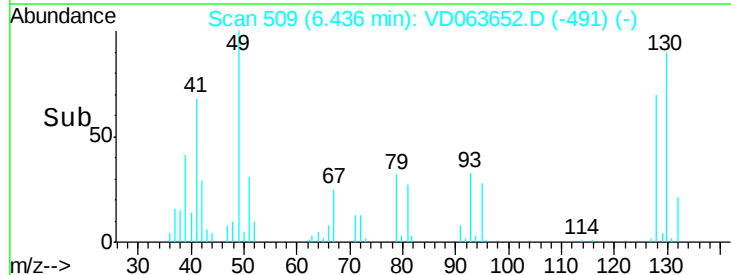
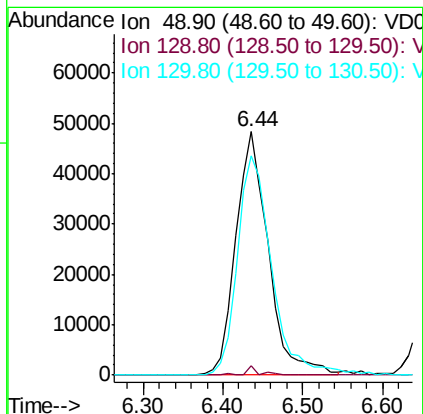
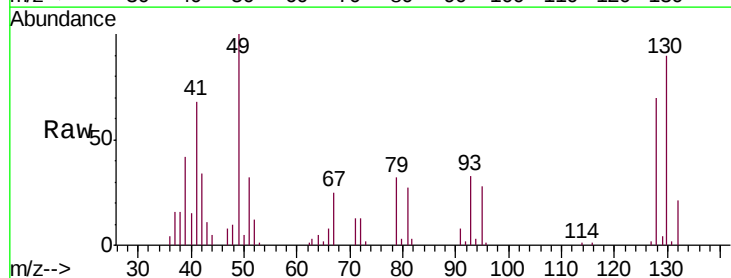
Tgt Ion: 96 Resp: 208468  
Ion Ratio Lower Upper  
96 100  
61 173.1 0.0 304.0  
98 68.0 0.0 124.8

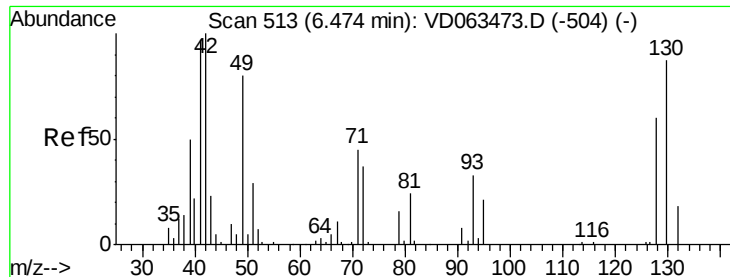


#28

Bromochloromethane  
Concen: 19.751 ug/l  
RT: 6.44 min Scan# 509  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 49 Resp: 136776  
Ion Ratio Lower Upper  
49 100  
129 3.8 0.0 6.4  
130 90.1 72.4 108.6





#29

Tetrahydrofuran

Concen: 104.502 ug/l

RT: 6.47 min Scan# 512

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

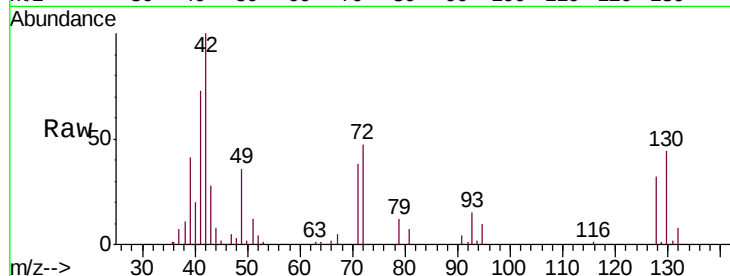
Tgt Ion: 42 Resp: 114852

Ion Ratio Lower Upper

42 100

72 47.2 31.5 47.3

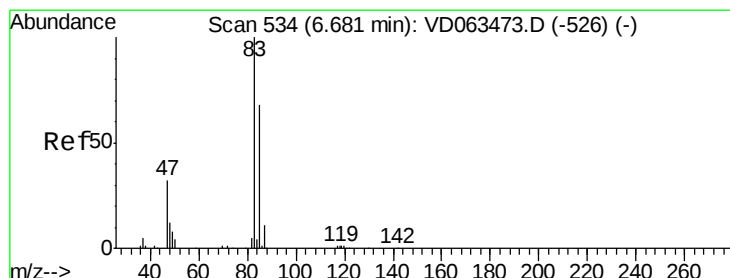
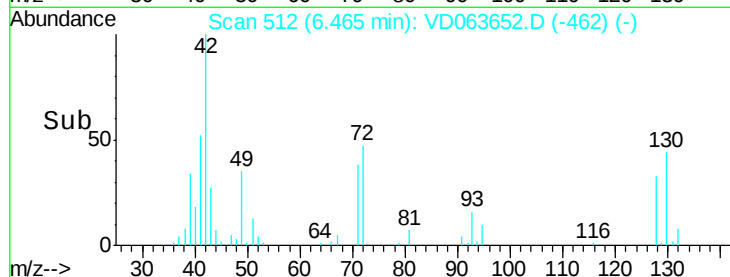
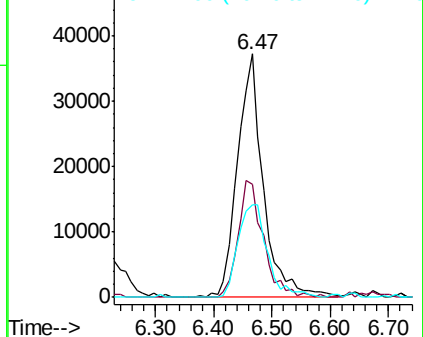
71 43.6 33.8 50.8



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#30

Chloroform

Concen: 21.048 ug/l

RT: 6.66 min Scan# 532

Delta R.T. -0.02 min

Lab File: VD063652.D

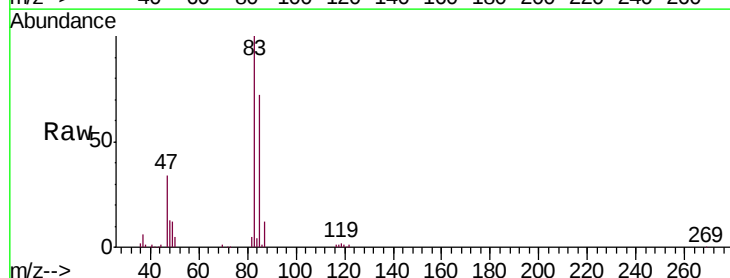
Acq: 19 Aug 2019 12:47

Tgt Ion: 83 Resp: 447015

Ion Ratio Lower Upper

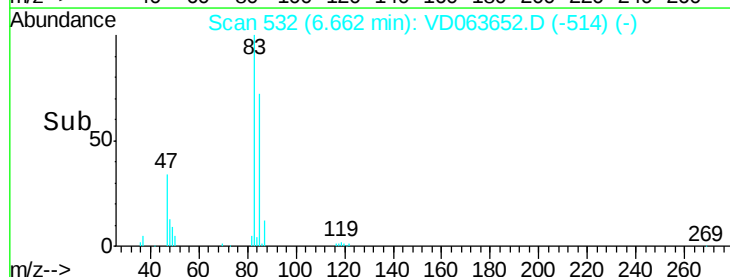
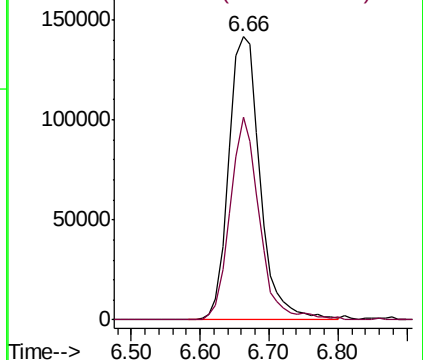
83 100

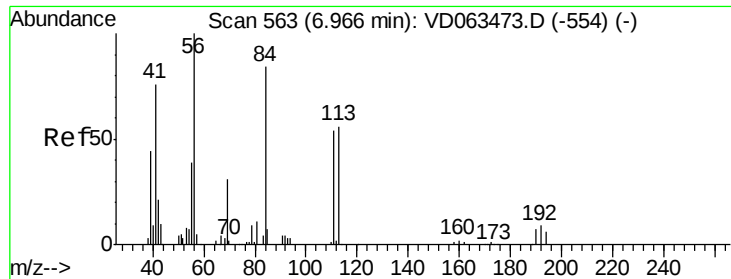
85 71.8 54.8 82.2



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

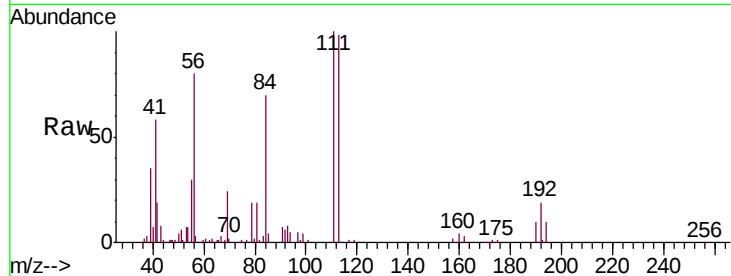




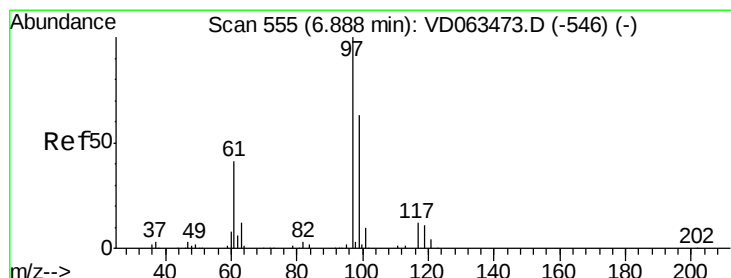
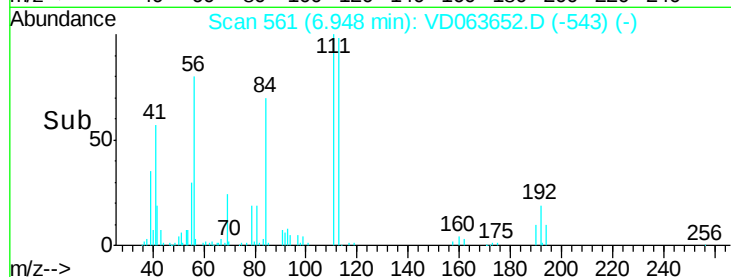
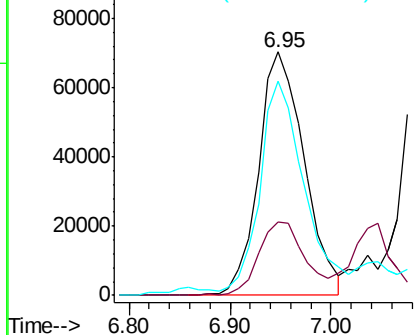
#31  
Cyclohexane  
Concen: 20.858 ug/l  
RT: 6.95 min Scan# 561  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion: 56 Resp: 221253  
Ion Ratio Lower Upper  
56 100  
69 30.0 25.0 37.6  
84 87.8 69.7 104.5

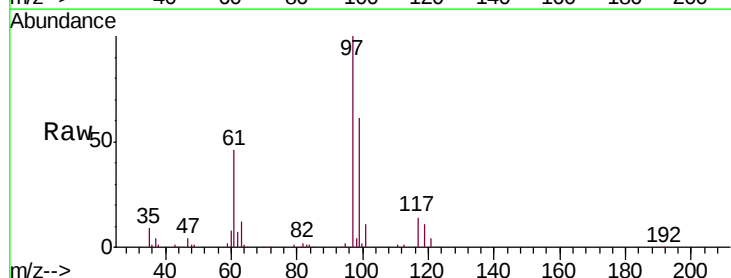


Abundance Ion 55.95 (55.65 to 56.65): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.05 (83.75 to 84.75): VDC

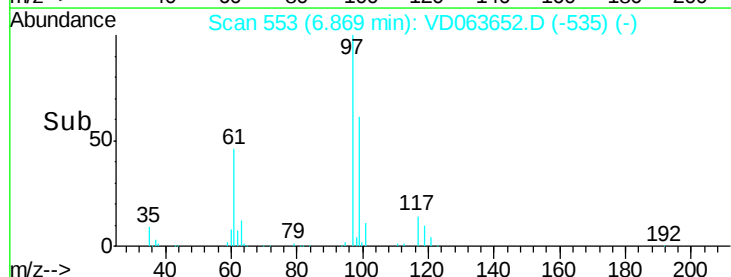
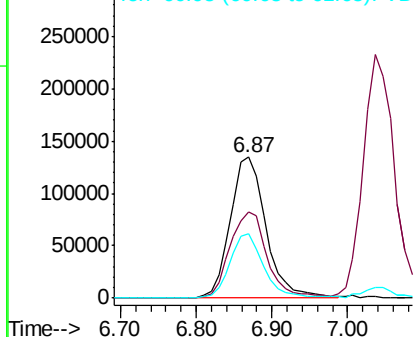


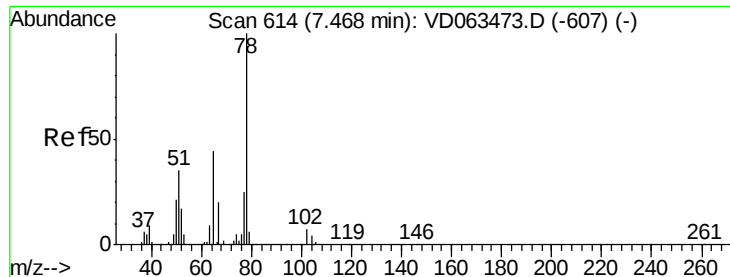
#32  
1,1,1-Trichloroethane  
Concen: 21.619 ug/l  
RT: 6.87 min Scan# 553  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 97 Resp: 439216  
Ion Ratio Lower Upper  
97 100  
99 61.0 50.2 75.4  
61 45.8 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

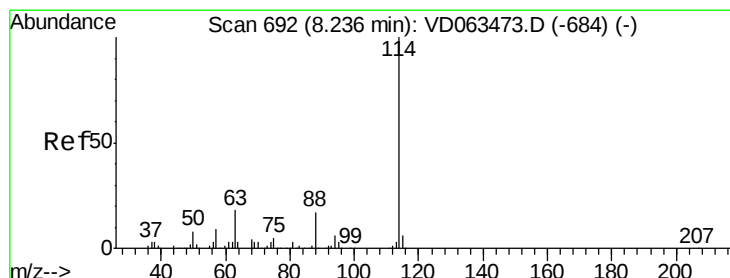
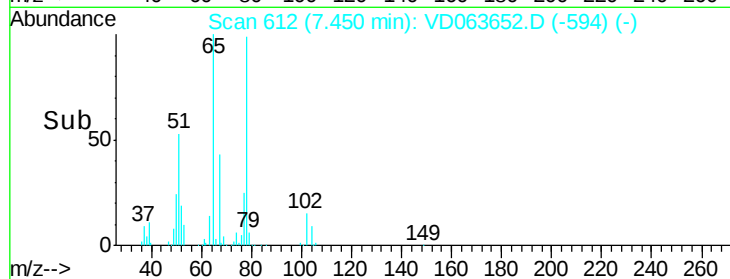
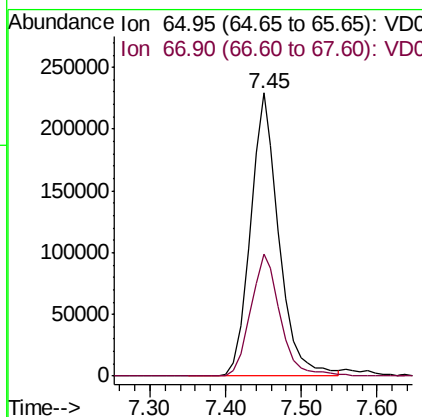
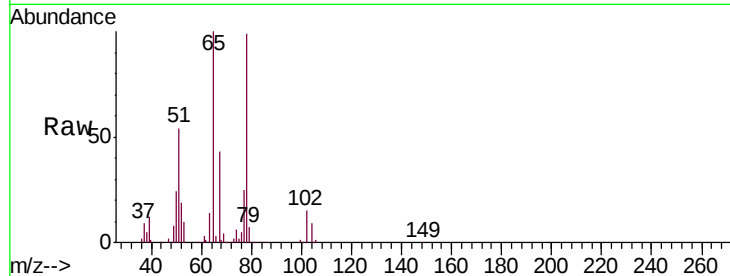




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.760 ug/l  
 RT: 7.45 min Scan# 612  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

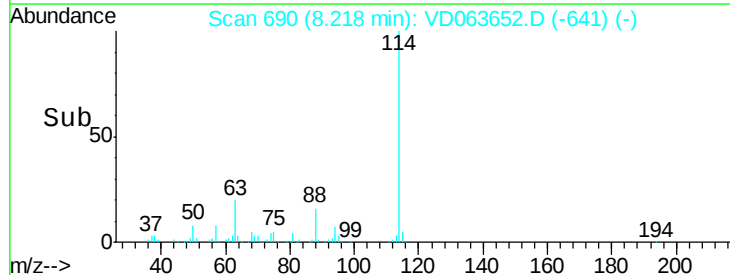
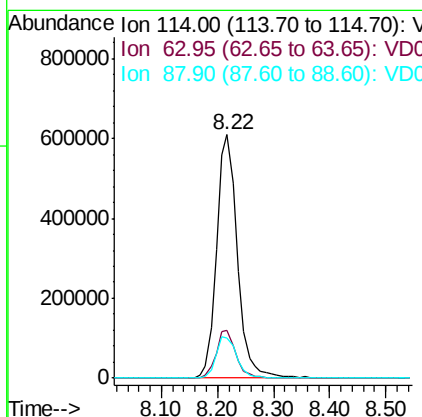
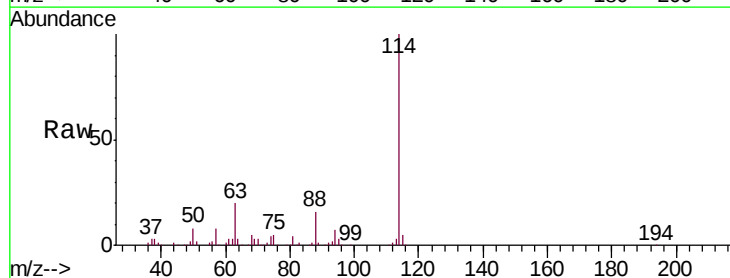
Instrument :  
 MSVOA\_D  
 ClientSampleID :  
 VD0819SBS01

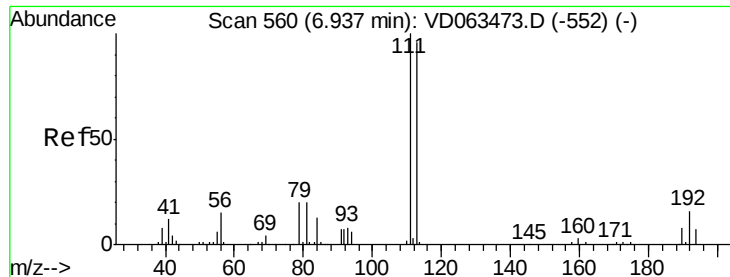
Tgt Ion: 65 Resp: 596321  
 Ion Ratio Lower Upper  
 65 100  
 67 43.1 0.0 89.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.22 min Scan# 690  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 114 Resp: 1579293  
 Ion Ratio Lower Upper  
 114 100  
 63 19.6 0.0 36.2  
 88 16.3 0.0 35.0





#35

Dibromofluoromethane

Concen: 48.527 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

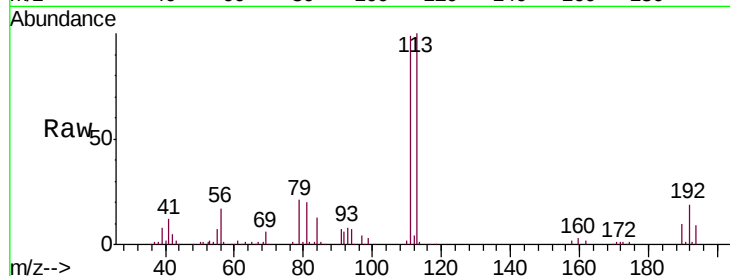
Tgt Ion:113 Resp: 645448

Ion Ratio Lower Upper

113 100

111 98.8 83.1 124.7

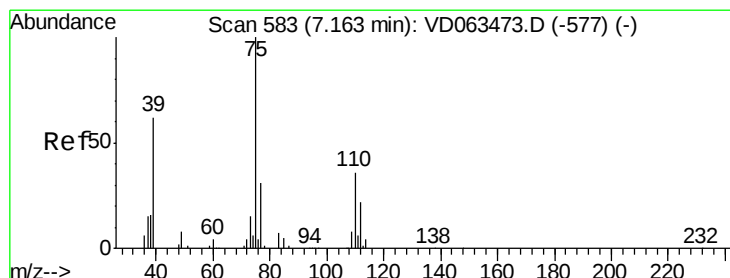
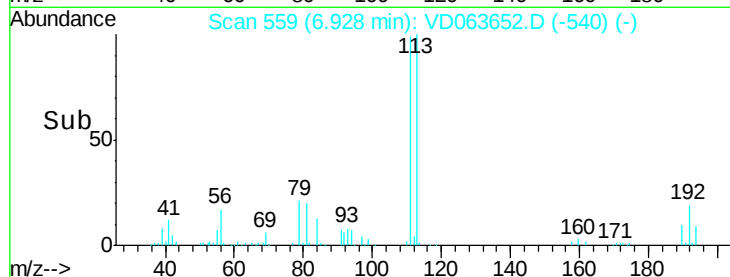
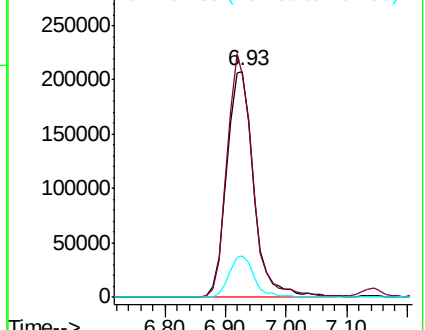
192 18.5 13.1 19.7



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: 20.702 ug/l

RT: 7.14 min Scan# 581

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

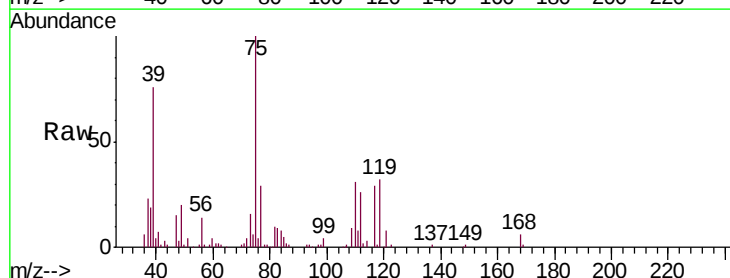
Tgt Ion: 75 Resp: 289029

Ion Ratio Lower Upper

75 100

110 31.4 17.6 52.8

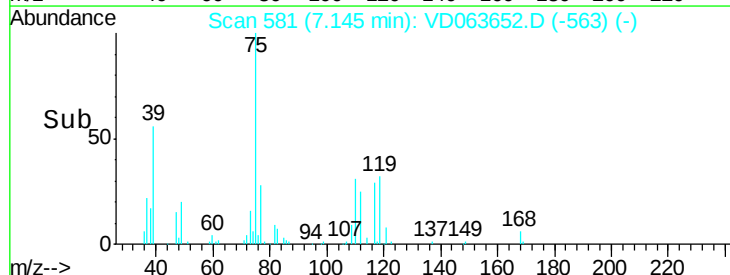
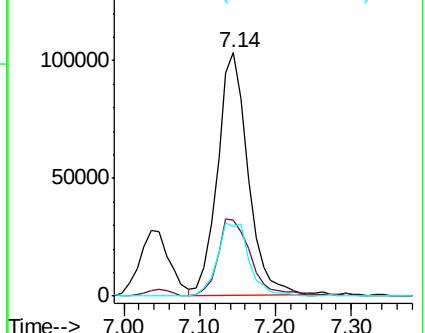
77 28.6 24.3 36.5

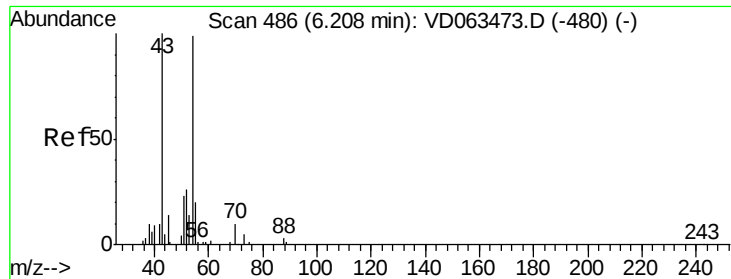


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V

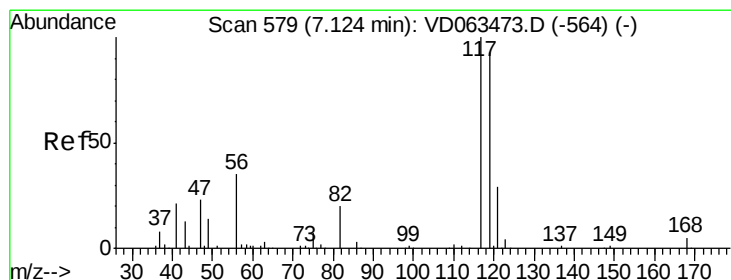
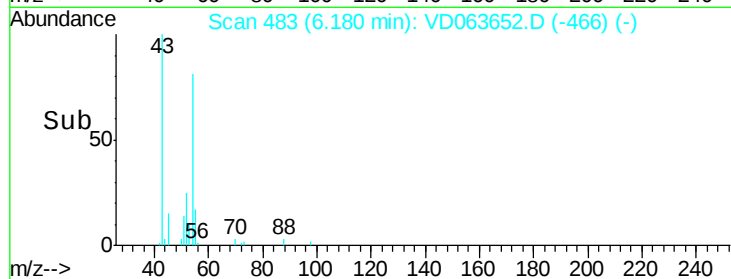
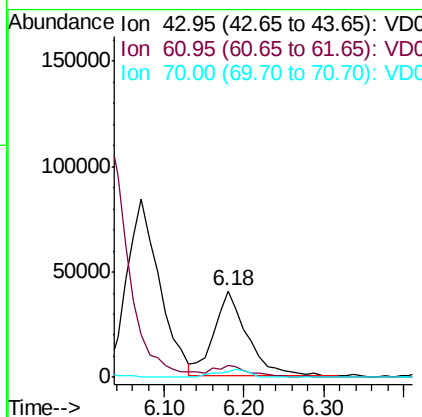
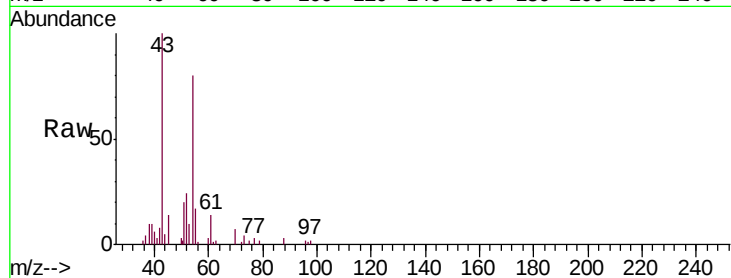




#37  
Ethyl Acetate  
Concen: 20.576 ug/l  
RT: 6.18 min Scan# 483  
Delta R.T. -0.03 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

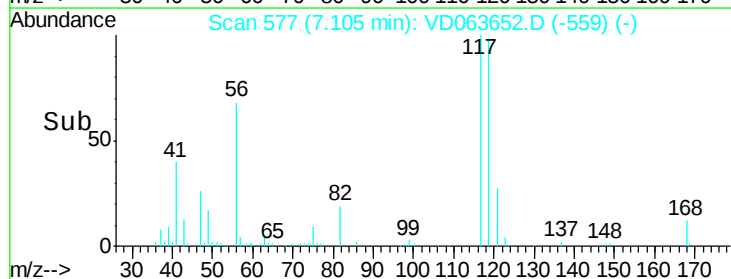
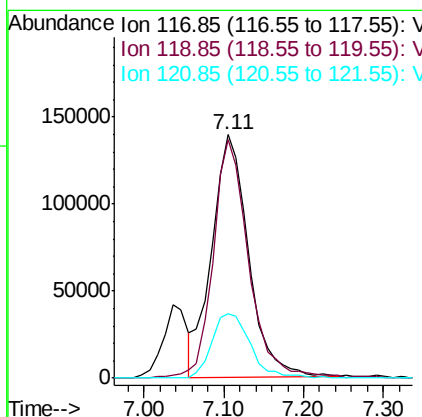
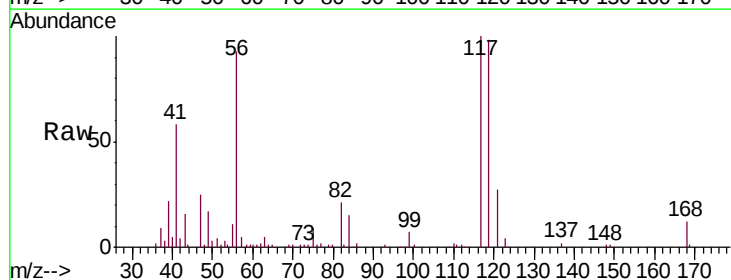
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

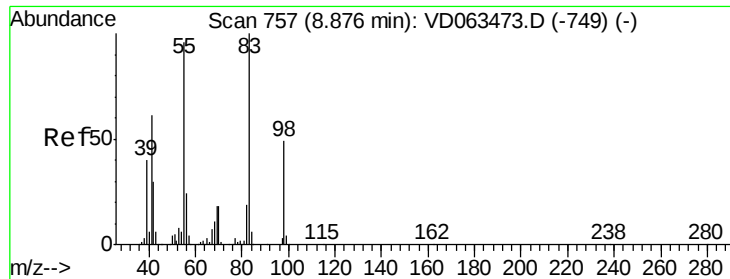
Tgt Ion: 43 Resp: 120376  
Ion Ratio Lower Upper  
43 100  
61 13.6 9.0 13.6#  
70 6.5 6.9 10.3#



#38  
Carbon Tetrachloride  
Concen: 21.555 ug/l  
RT: 7.11 min Scan# 577  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 117 Resp: 453547  
Ion Ratio Lower Upper  
117 100  
119 97.9 74.2 111.2  
121 26.7 23.1 34.7

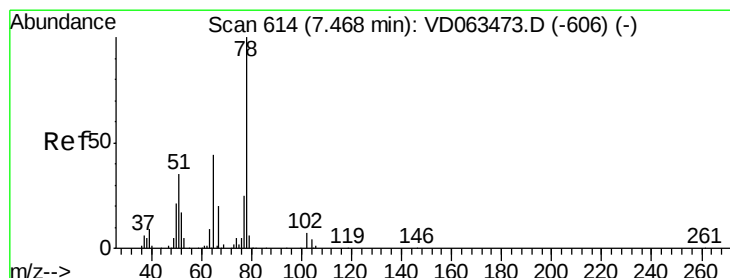
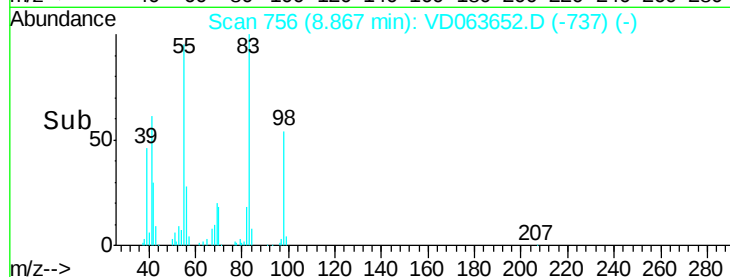
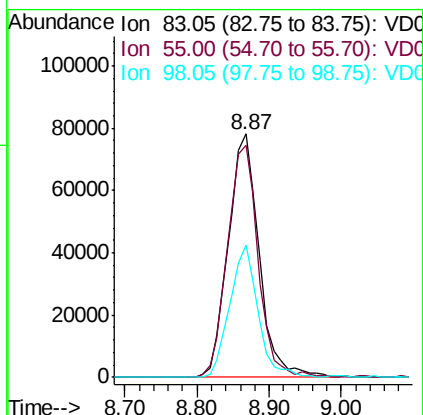
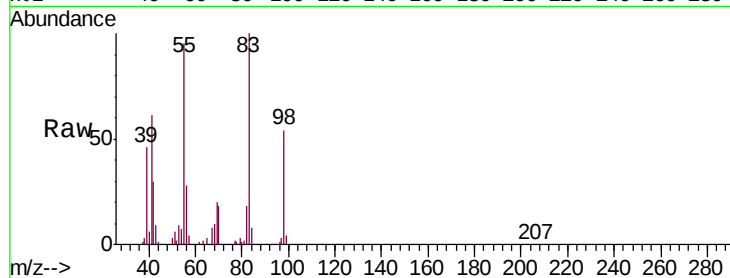




#39  
Methylcyclohexane  
Concen: 19.637 ug/l  
RT: 8.87 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

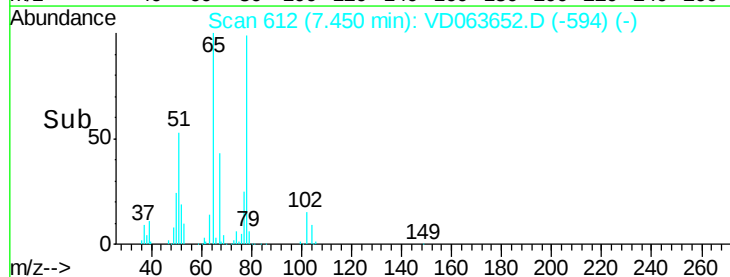
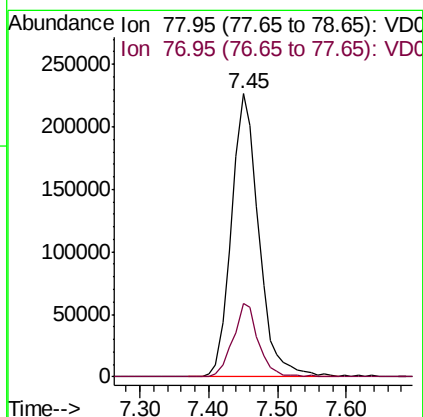
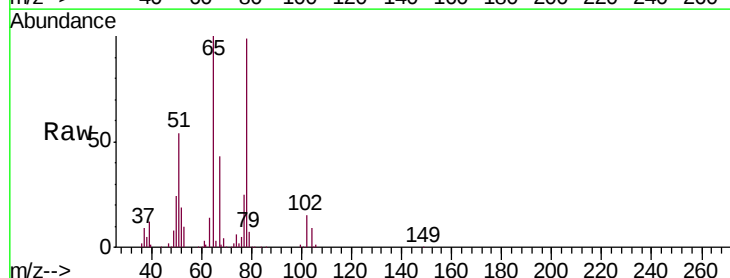
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

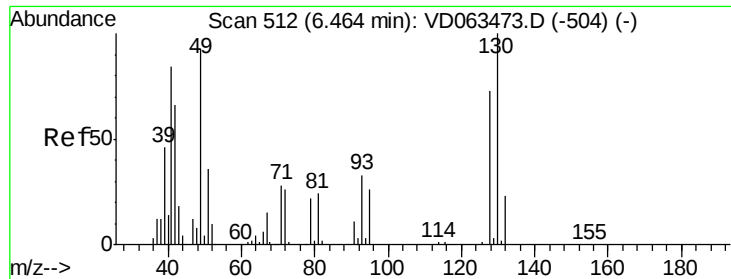
Tgt Ion: 83 Resp: 233129  
Ion Ratio Lower Upper  
83 100  
55 95.5 76.6 114.8  
98 54.2 39.4 59.0



#40  
Benzene  
Concen: 20.353 ug/l  
RT: 7.45 min Scan# 612  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 78 Resp: 625333  
Ion Ratio Lower Upper  
78 100  
77 25.7 20.1 30.1

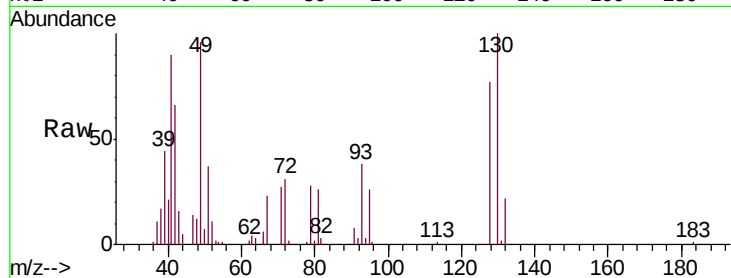




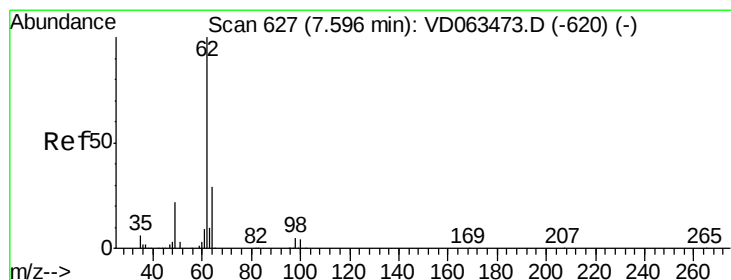
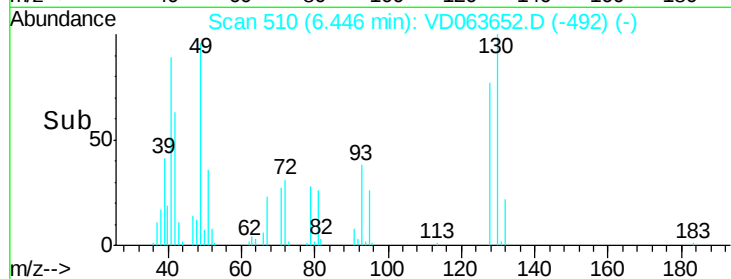
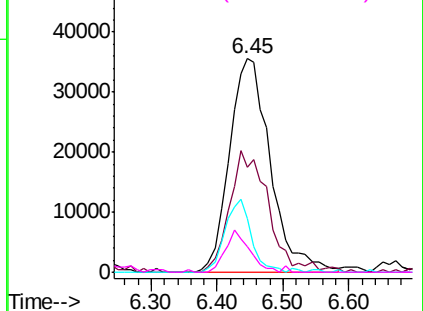
#41  
Methacrylonitrile  
Concen: 21.002 ug/l  
RT: 6.45 min Scan# 510  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion: 41 Resp: 154703  
Ion Ratio Lower Upper  
41 100  
39 48.9 44.6 66.8  
67 25.2 14.4 21.6#  
52 12.1 9.3 13.9

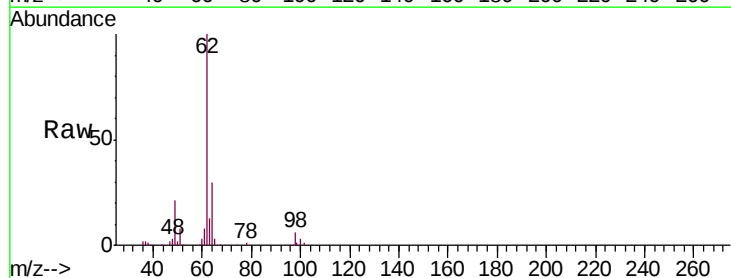


Abundance Ion 40.95 (40.65 to 41.65): VDC  
Ion 38.95 (38.65 to 39.65): VDC  
Ion 67.00 (66.70 to 67.70): VDC  
Ion 52.00 (51.70 to 52.70): VDC

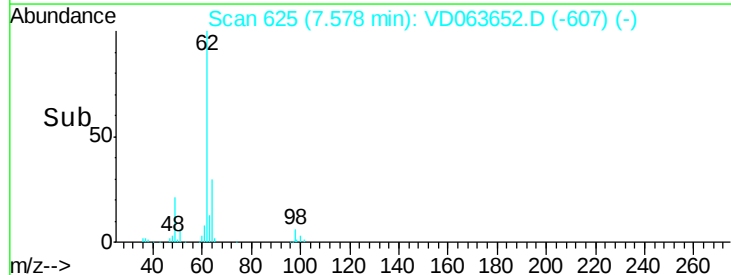
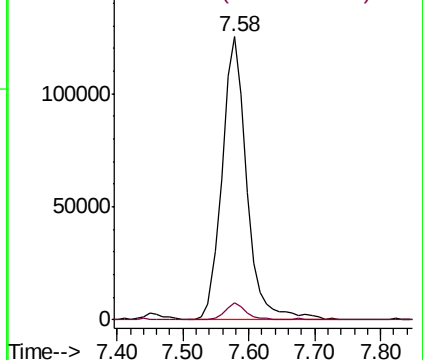


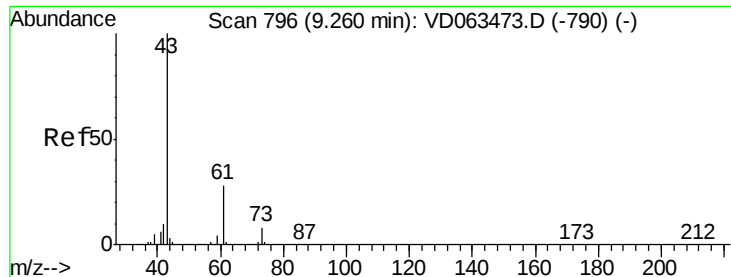
#42  
1,2-Dichloroethane  
Concen: 21.339 ug/l  
RT: 7.58 min Scan# 625  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 62 Resp: 329668  
Ion Ratio Lower Upper  
62 100  
98 6.2 0.0 10.4



Abundance Ion 61.95 (61.65 to 62.65): VDC  
Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 21.037 ug/l

RT: 9.24 min Scan# 794

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

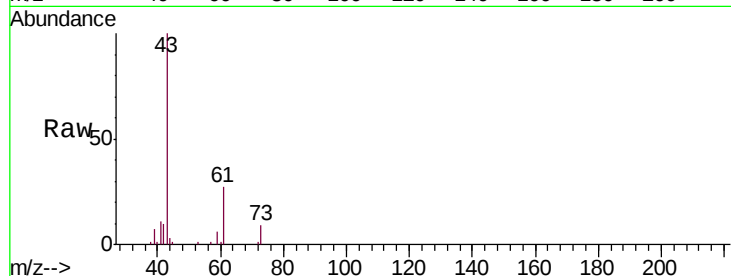
Tgt Ion: 43 Resp: 164828

Ion Ratio Lower Upper

43 100

61 27.5 22.2 33.2

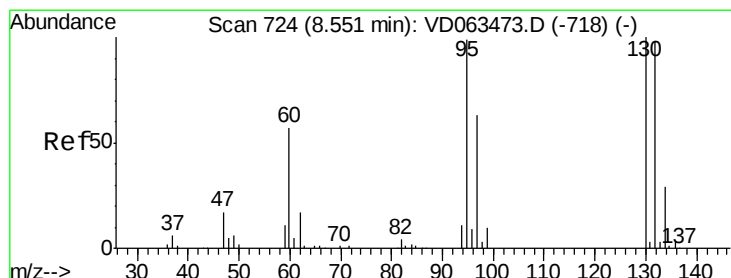
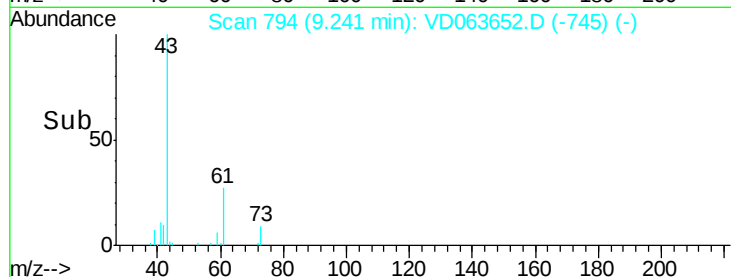
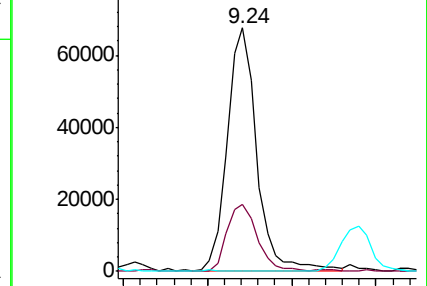
87 0.0 0.2 0.4#



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: 20.809 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063652.D

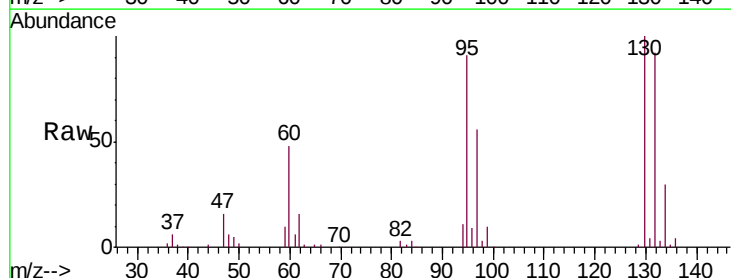
Acq: 19 Aug 2019 12:47

Tgt Ion: 130 Resp: 244365

Ion Ratio Lower Upper

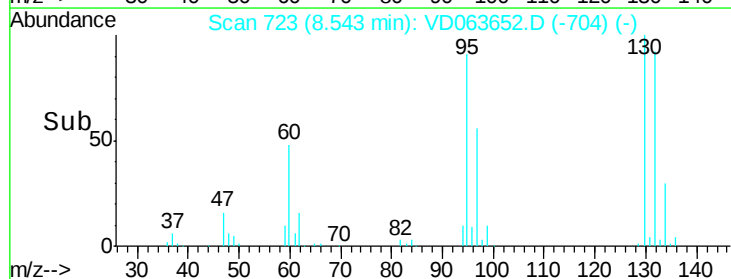
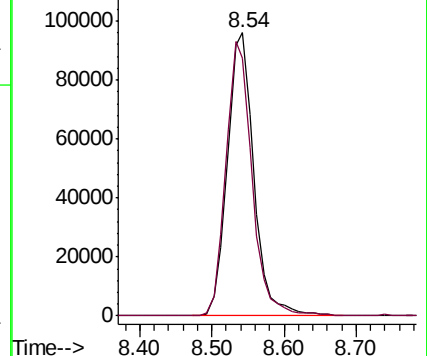
130 100

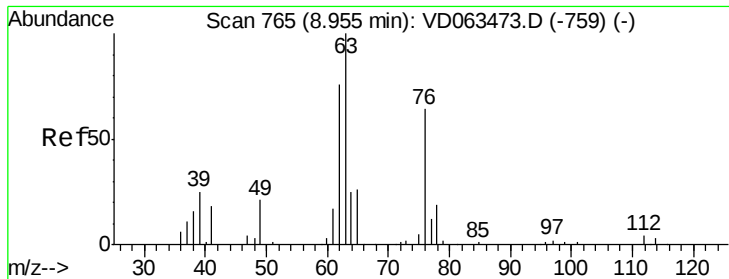
95 91.2 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 21.831 ug/l

RT: 8.94 min Scan# 763

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

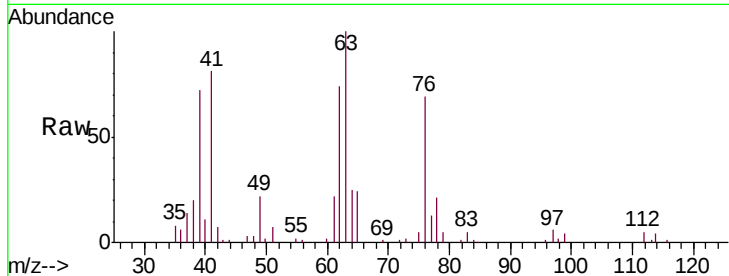
VD0819SBS01

Tgt Ion: 63 Resp: 156201

Ion Ratio Lower Upper

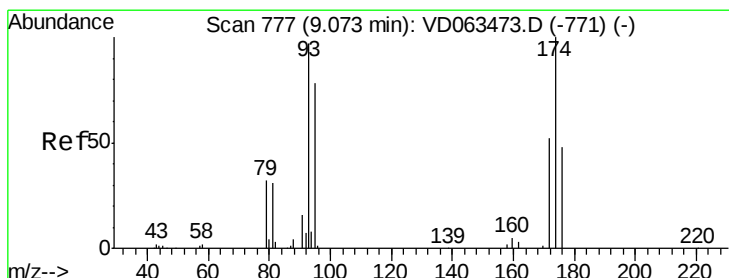
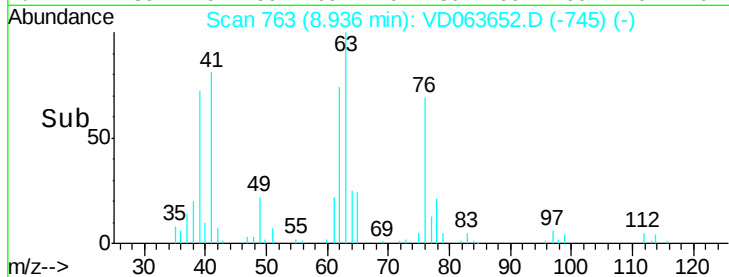
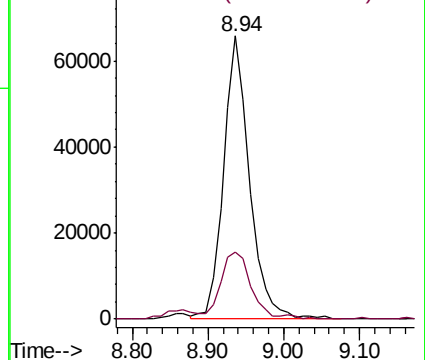
63 100

65 23.9 22.5 33.7



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC



#46

Dibromomethane

Concen: 19.725 ug/l

RT: 9.06 min Scan# 776

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

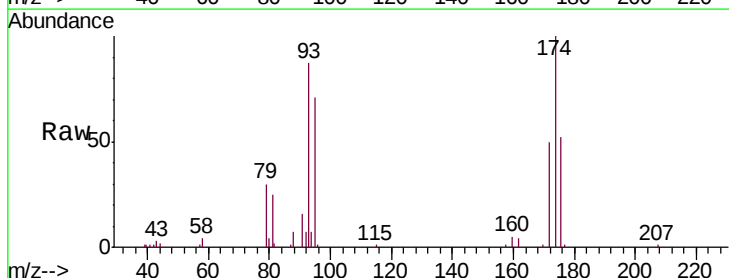
Tgt Ion: 93 Resp: 120521

Ion Ratio Lower Upper

93 100

95 81.9 64.2 96.2

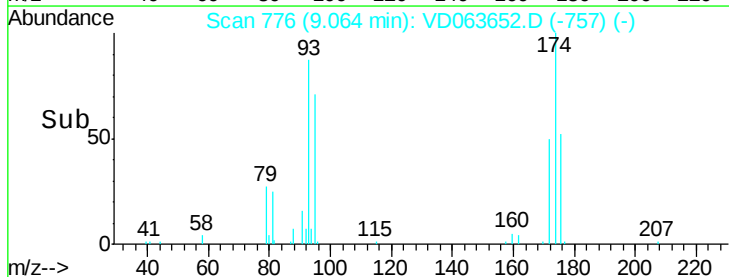
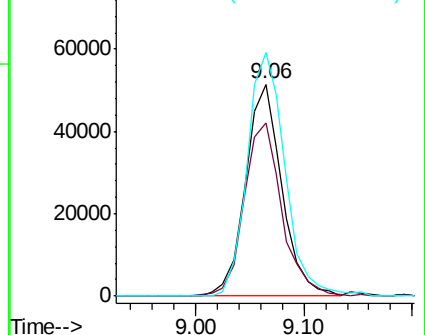
174 114.9 82.1 123.1

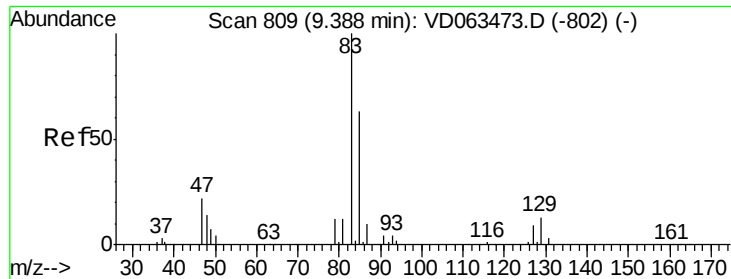


Abundance Ion 92.90 (92.60 to 93.60): VDC

Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 20.659 ug/l

RT: 9.37 min Scan# 807

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

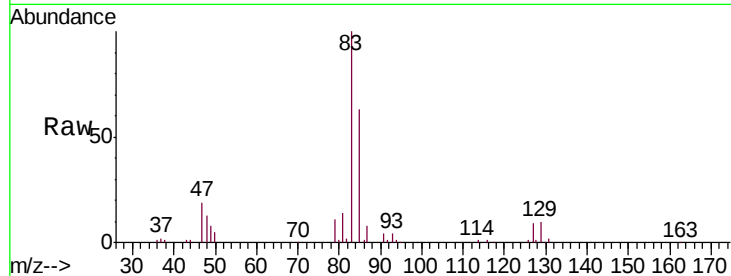
Tgt Ion: 83 Resp: 323796

Ion Ratio Lower Upper

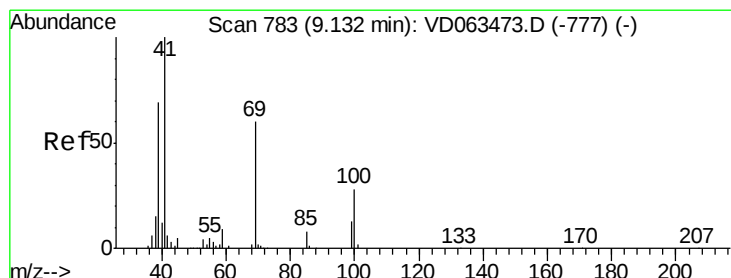
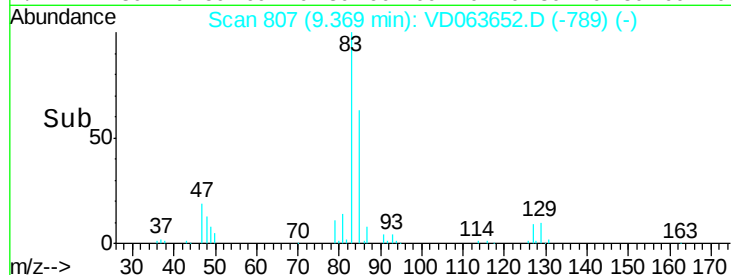
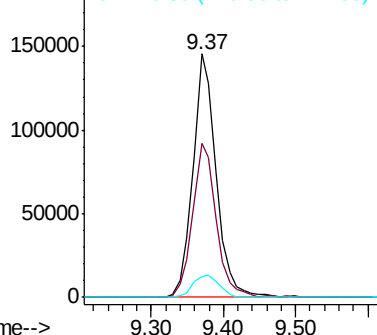
83 100

85 63.0 50.1 75.1

127 8.7 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: 19.246 ug/l

RT: 9.12 min Scan# 782

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

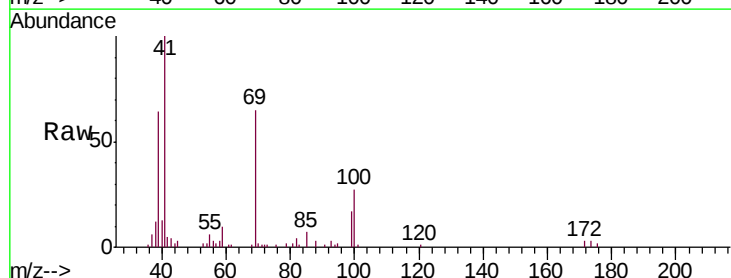
Tgt Ion: 41 Resp: 102266

Ion Ratio Lower Upper

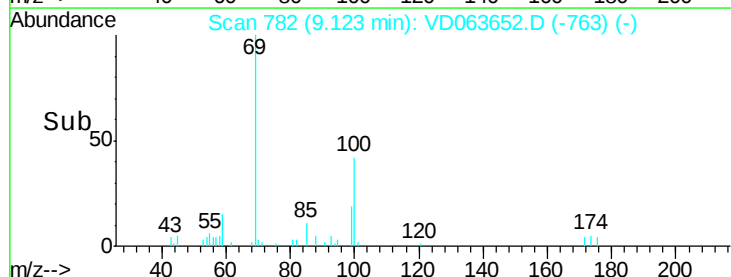
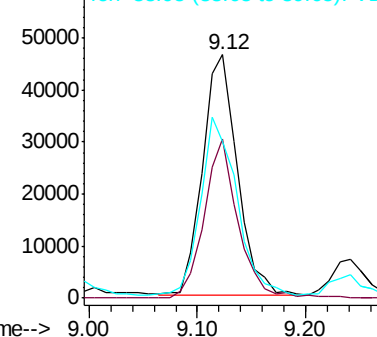
41 100

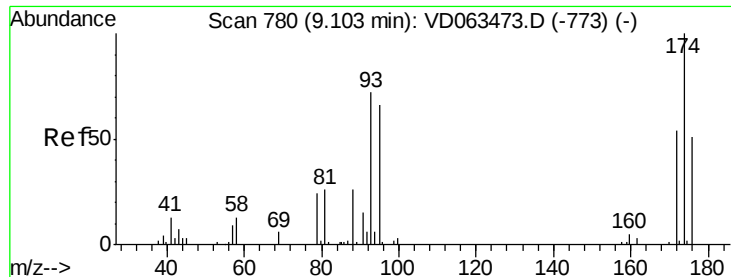
69 65.2 47.6 71.4

39 64.2 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

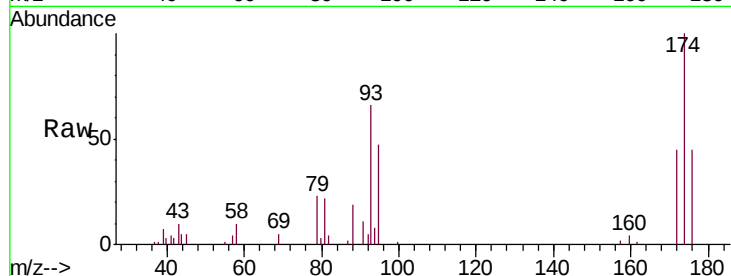




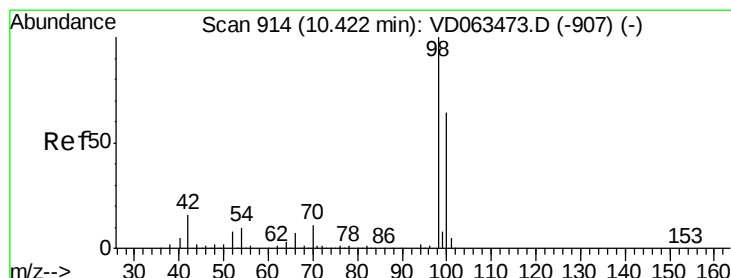
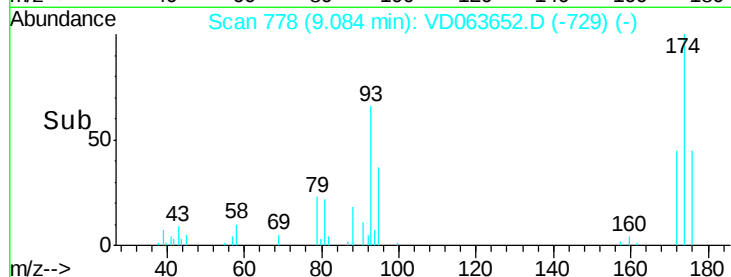
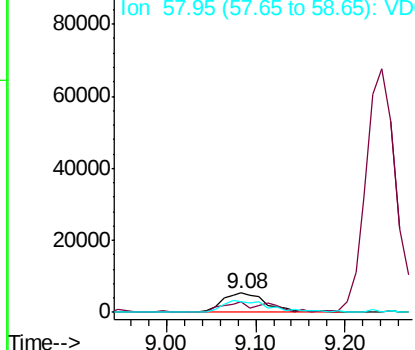
#49  
1,4-Dioxane  
Concen: 414.632 ug/l  
RT: 9.08 min Scan# 778  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion: 88 Resp: 18970  
Ion Ratio Lower Upper  
88 100  
43 53.7 22.9 34.3#  
58 54.1 40.1 60.1

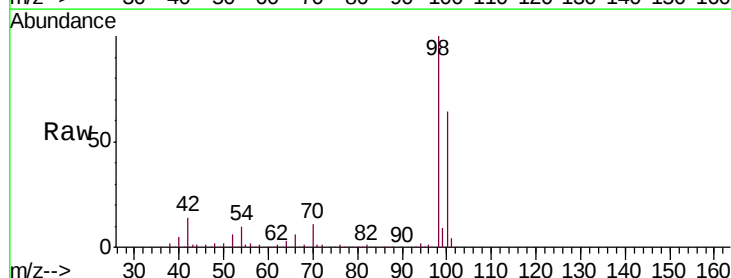


Abundance Ion 88.00 (87.70 to 88.70): VDC  
Ion 43.05 (42.75 to 43.75): VDC  
Ion 57.95 (57.65 to 58.65): VDC

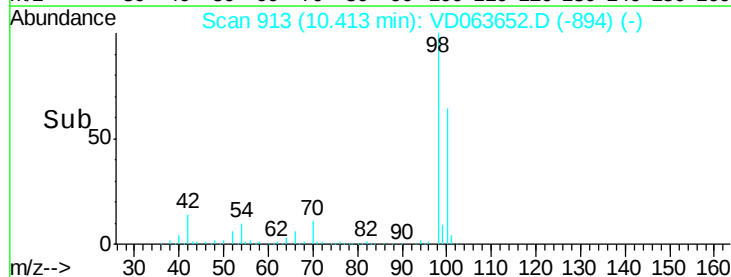
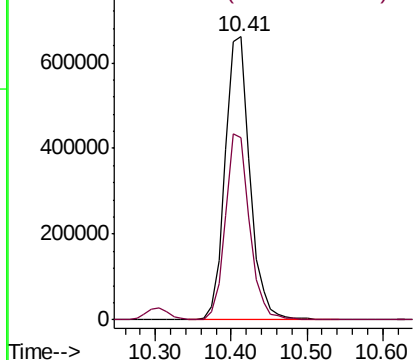


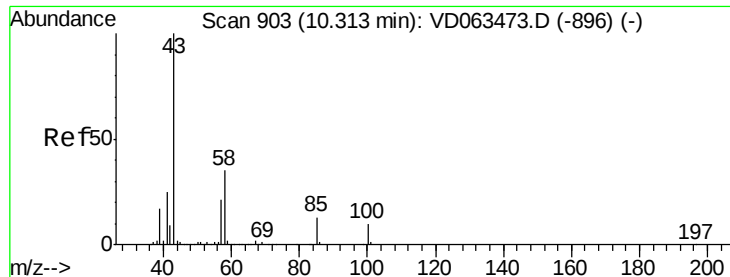
#50  
Toluene-d8  
Concen: 51.073 ug/l  
RT: 10.41 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 98 Resp: 1493520  
Ion Ratio Lower Upper  
98 100  
100 64.2 51.7 77.5



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

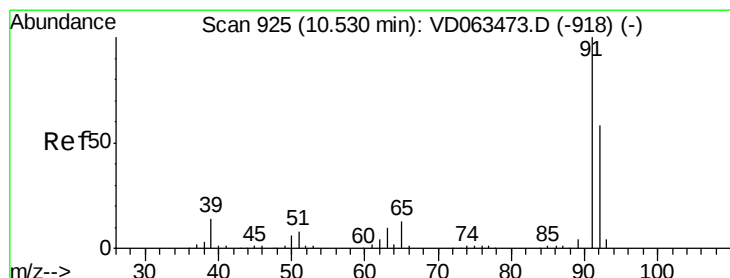
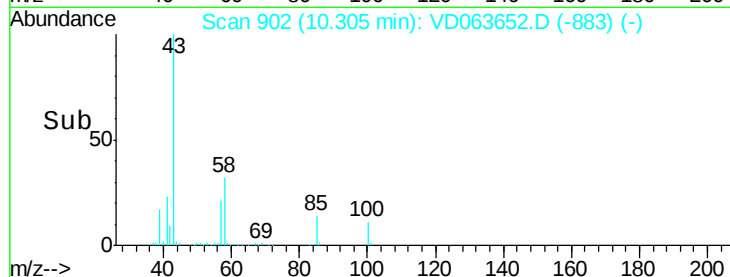
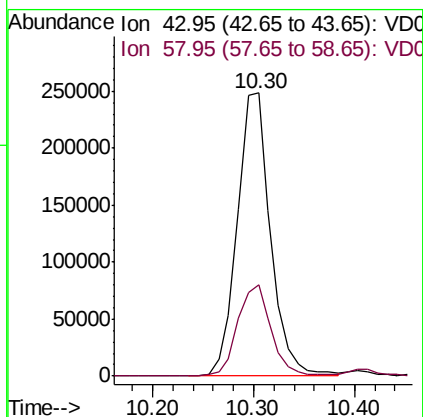
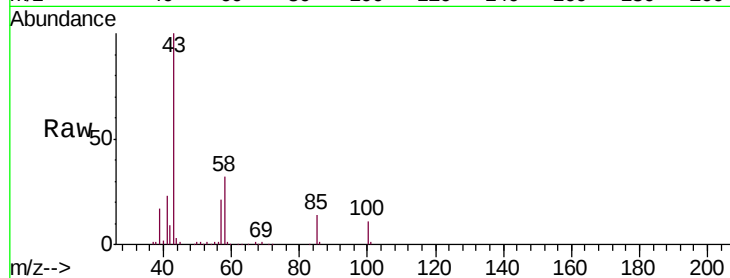




#51  
 4-Methyl-2-Pentanone  
 Concen: 106.519 ug/l  
 RT: 10.30 min Scan# 902  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

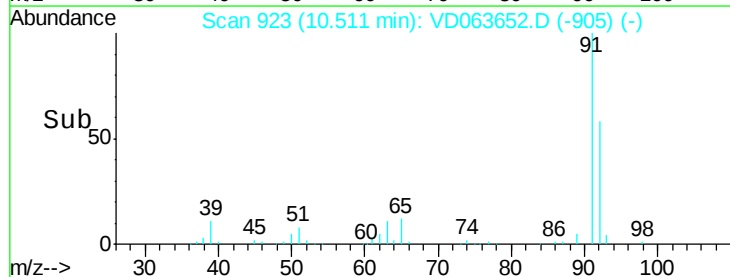
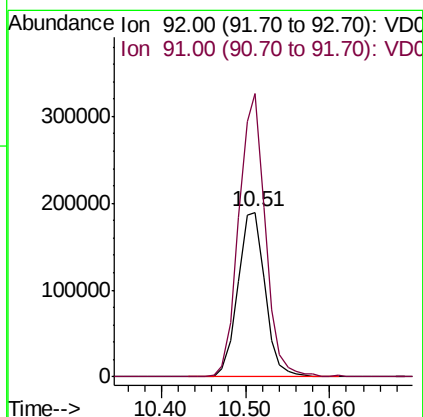
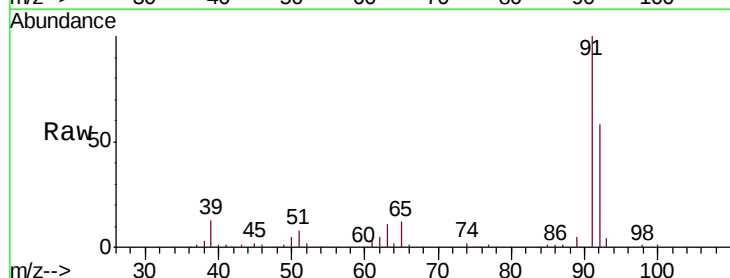
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

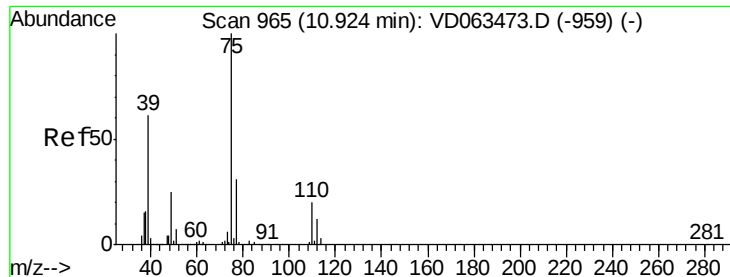
Tgt Ion: 43 Resp: 571100  
 Ion Ratio Lower Upper  
 43 100  
 58 32.4 28.0 42.0



#52  
 Toluene  
 Concen: 21.637 ug/l  
 RT: 10.51 min Scan# 923  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 92 Resp: 428170  
 Ion Ratio Lower Upper  
 92 100  
 91 172.2 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 21.983 ug/l

RT: 10.91 min Scan# 964

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

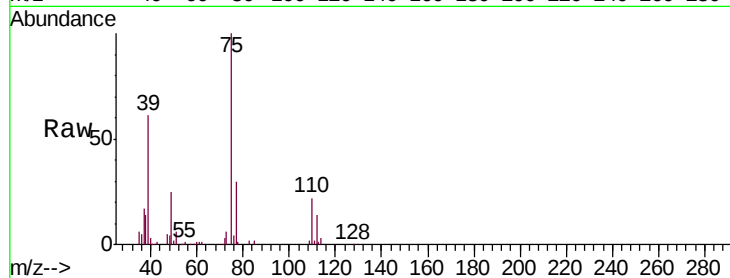
VD0819SBS01

Tgt Ion: 75 Resp: 281174

Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.91

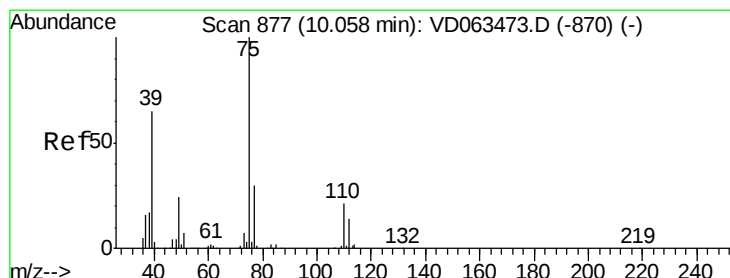
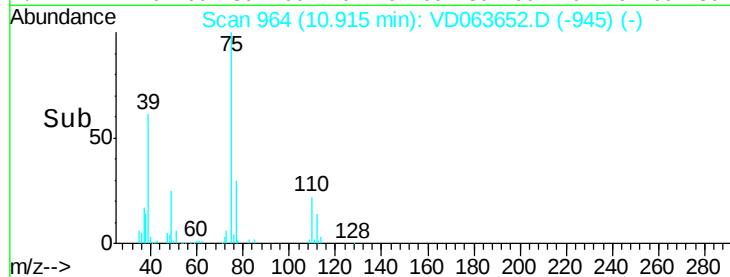
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 20.760 ug/l

RT: 10.04 min Scan# 875

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

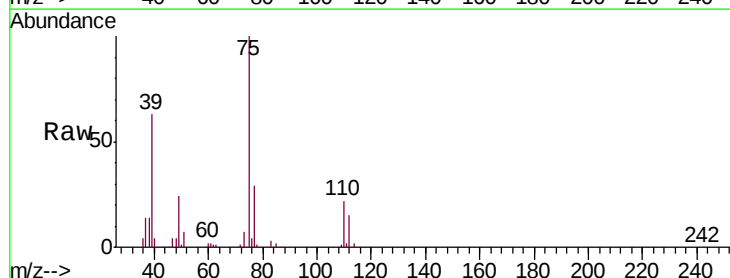
Tgt Ion: 75 Resp: 299408

Ion Ratio Lower Upper

75 100

77 28.5 23.7 35.5

39 62.8 52.2 78.4



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.04

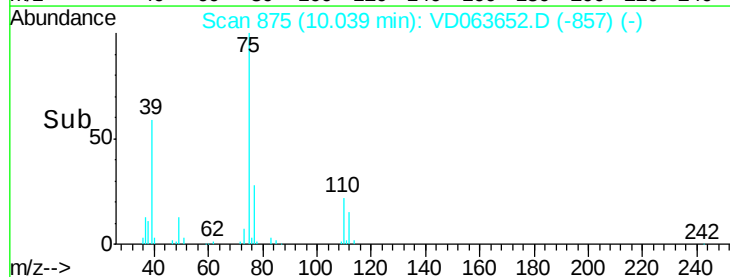
150000

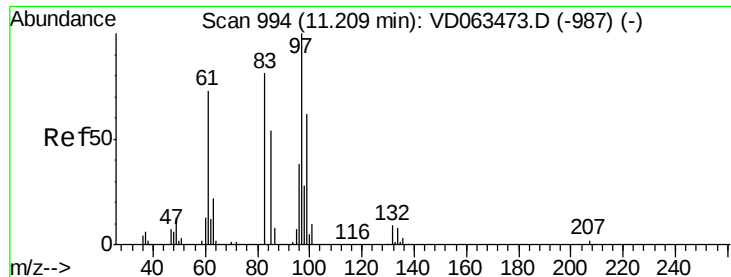
100000

50000

0

Time-->

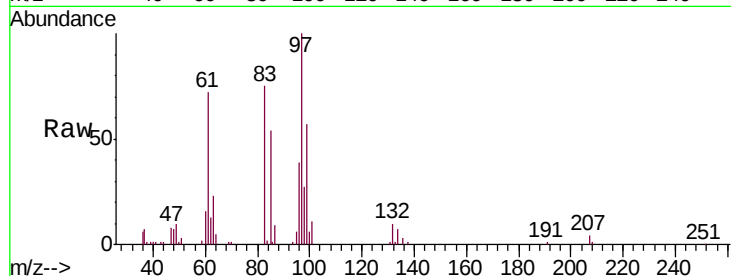




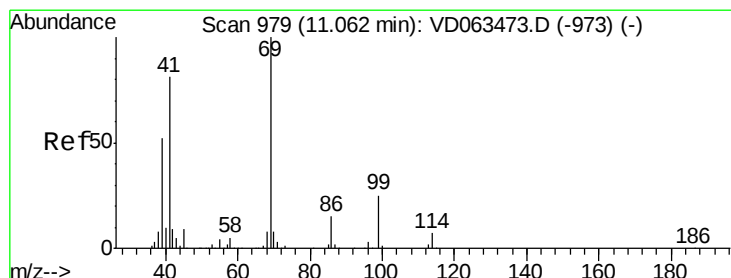
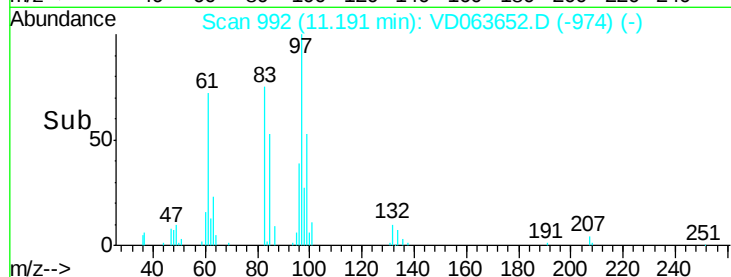
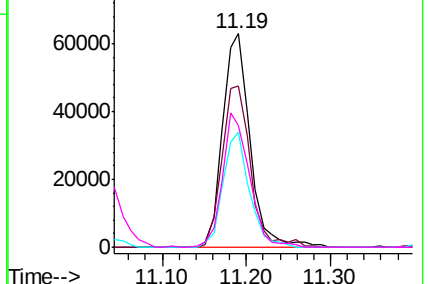
#55  
 1,1,2-Trichloroethane  
 Concen: 21.173 ug/l  
 RT: 11.19 min Scan# 992  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 141536 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 75.3  | 64.7  | 97.1   |
| 85       | 53.7  | 42.9  | 64.3   |
| 99       | 57.1  | 49.7  | 74.5   |

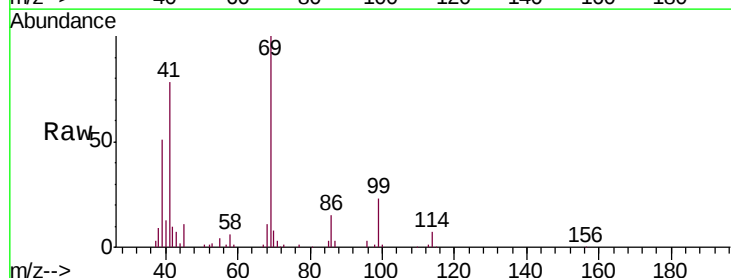


Abundance Ion 96.85 (96.55 to 97.55): VDC  
 Ion 82.95 (82.65 to 83.65): VDC  
 Ion 84.95 (84.65 to 85.65): VDC  
 Ion 98.85 (98.55 to 99.55): VDC

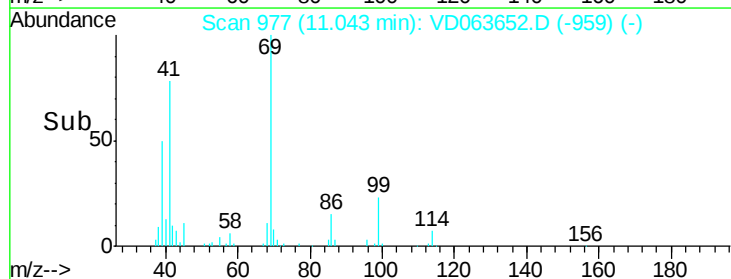
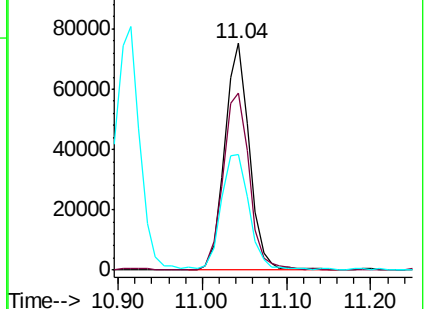


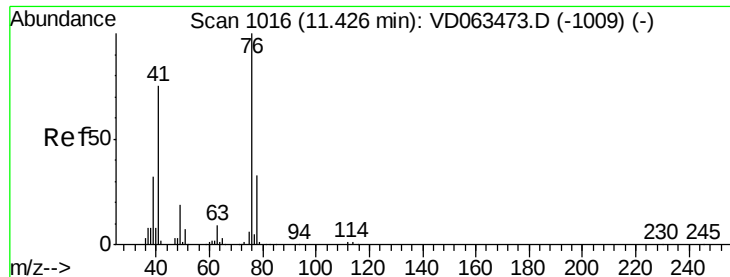
#56  
 Ethyl methacrylate  
 Concen: 21.054 ug/l  
 RT: 11.04 min Scan# 977  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 152758 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 78.3  | 64.8  | 97.2   |
| 39       | 51.0  | 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

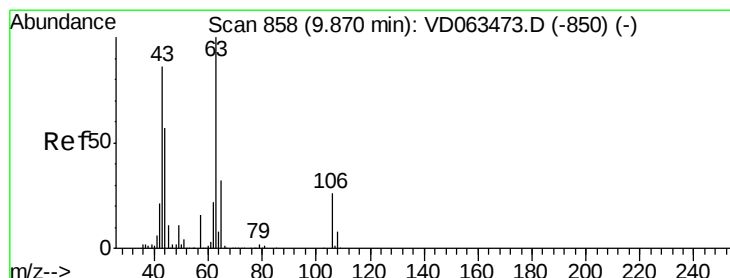
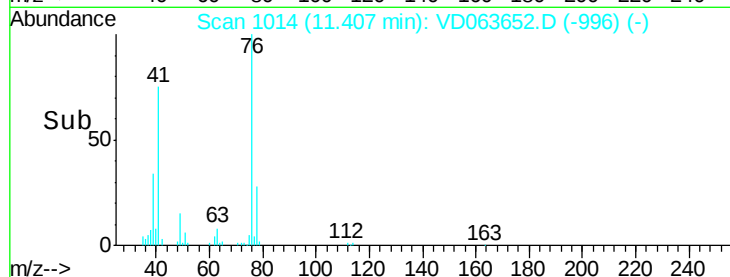
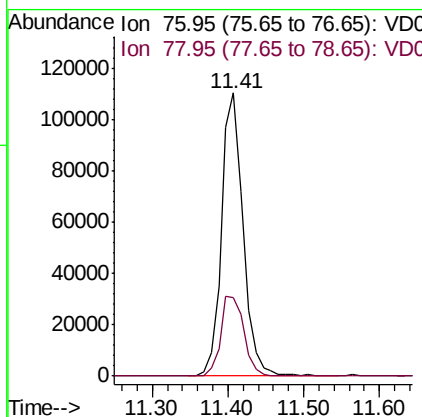
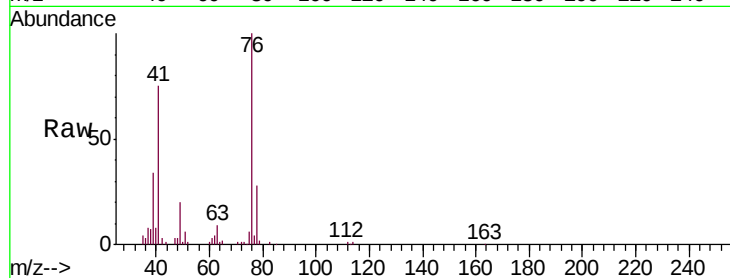




#57  
 1,3-Dichloropropane  
 Concen: 21.593 ug/l  
 RT: 11.41 min Scan# 1014  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

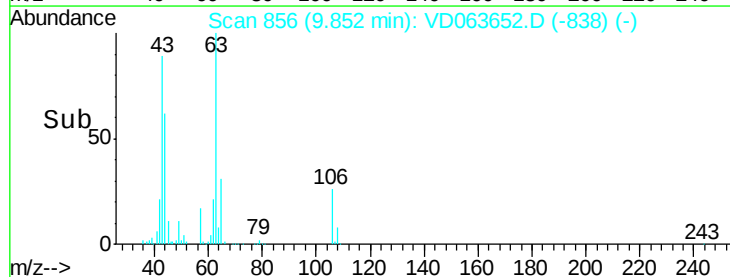
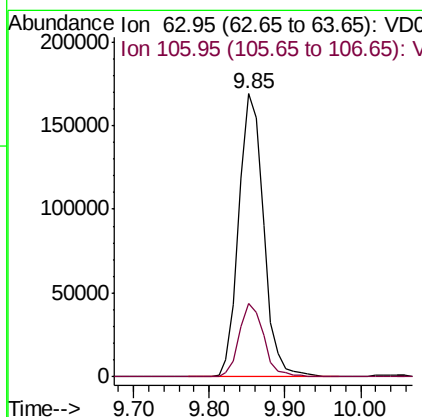
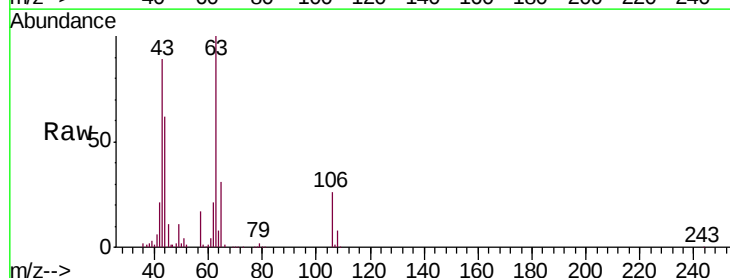
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

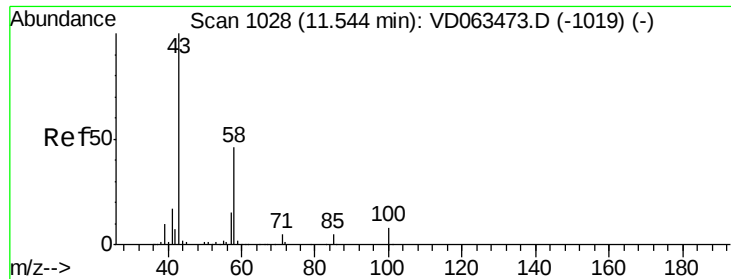
Tgt Ion: 76 Resp: 218188  
 Ion Ratio Lower Upper  
 76 100  
 78 27.9 26.3 39.5



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.036 ug/l  
 RT: 9.85 min Scan# 856  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 63 Resp: 383182  
 Ion Ratio Lower Upper  
 63 100  
 106 26.1 20.8 31.2

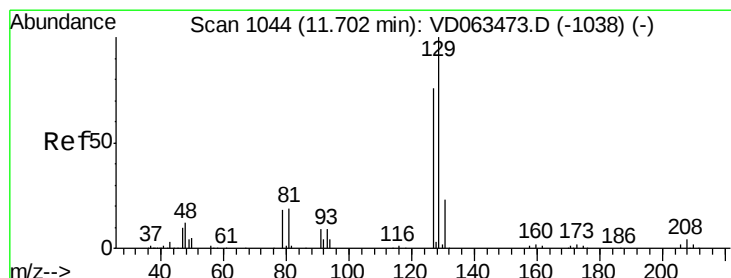
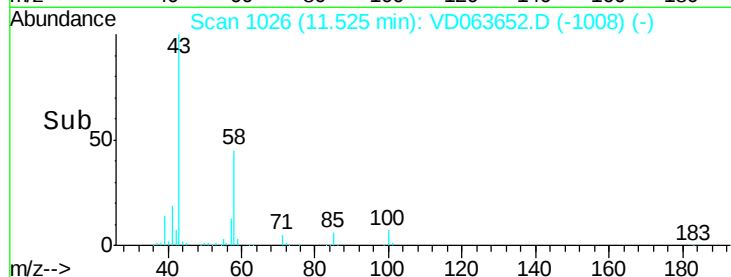
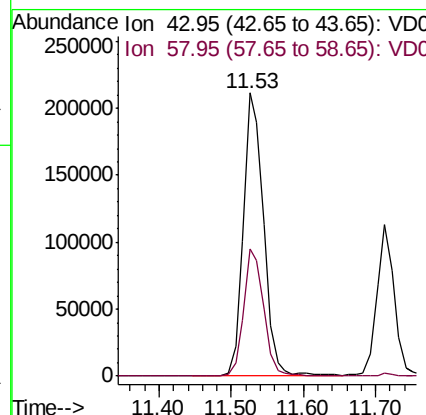
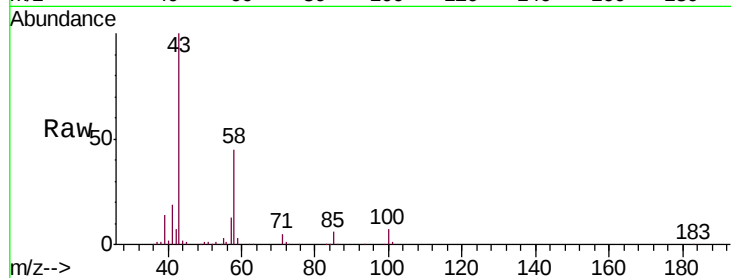




#59  
2-Hexanone  
Concen: 106.580 ug/l  
RT: 11.53 min Scan# 1026  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

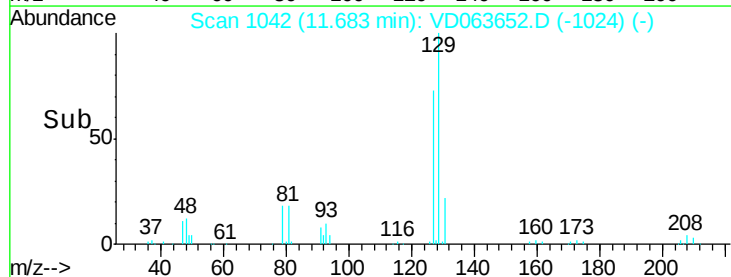
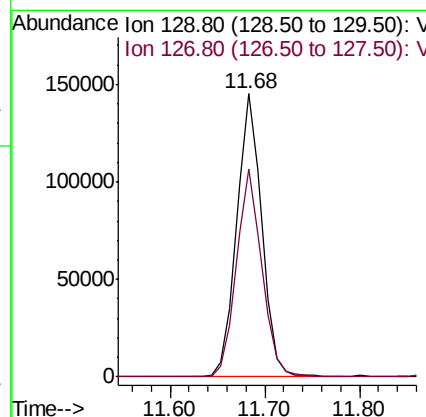
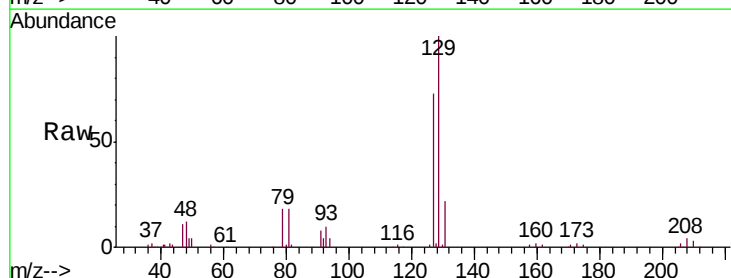
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

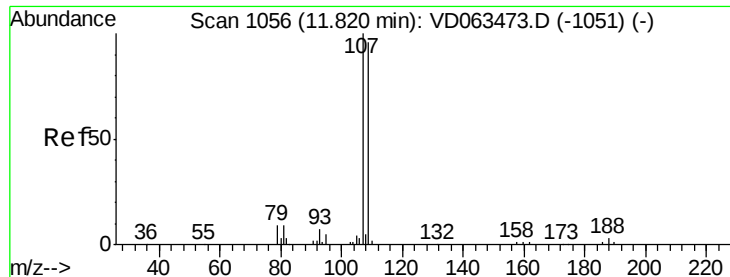
Tgt Ion: 43 Resp: 415787  
Ion Ratio Lower Upper  
43 100  
58 44.9 23.1 69.2



#60  
Dibromochloromethane  
Concen: 21.849 ug/l  
RT: 11.68 min Scan# 1042  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 129 Resp: 265762  
Ion Ratio Lower Upper  
129 100  
127 73.3 37.8 113.4

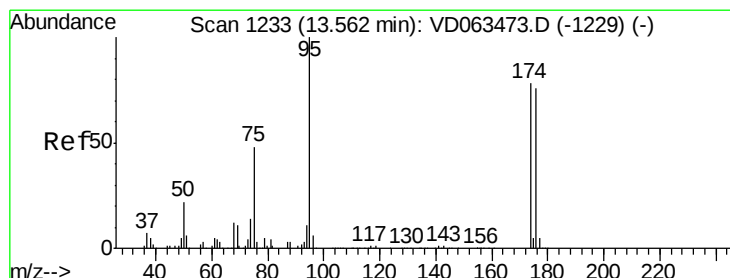
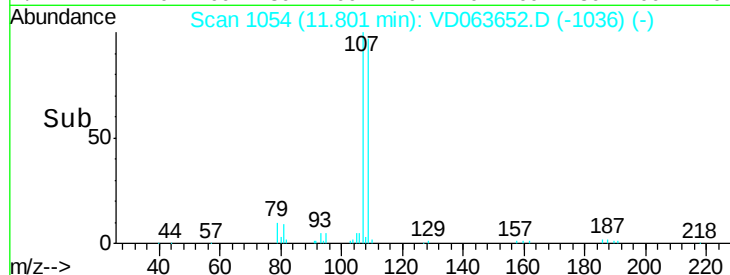
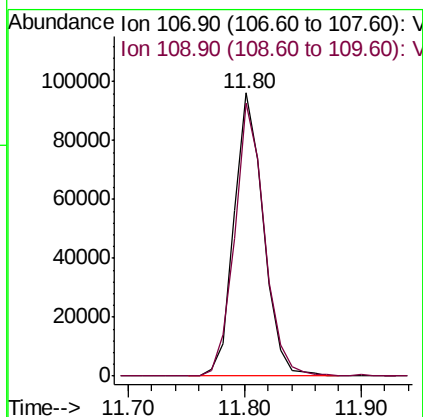
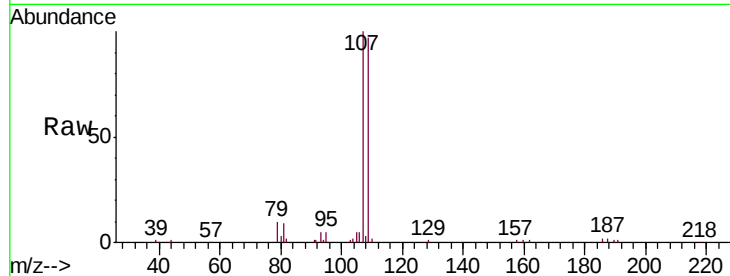




#61  
 1,2-Dibromoethane  
 Concen: 20.703 ug/l  
 RT: 11.80 min Scan# 1054  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

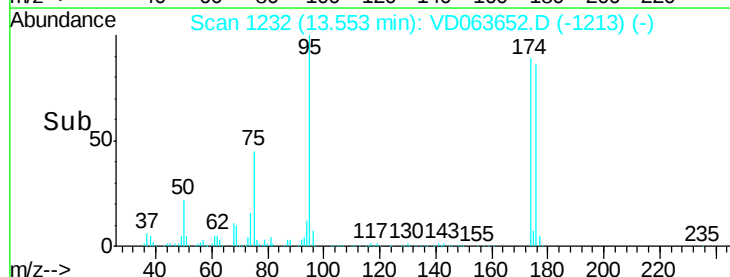
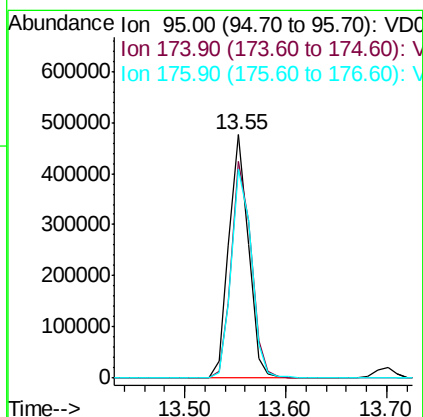
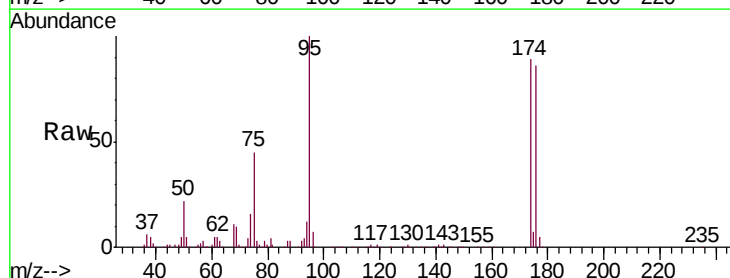
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

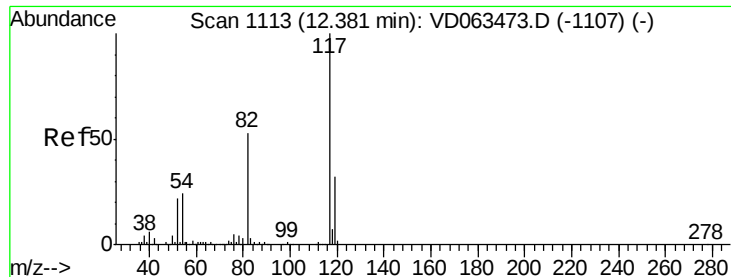
Tgt Ion: 107 Resp: 167539  
 Ion Ratio Lower Upper  
 107 100  
 109 96.5 76.8 115.2



#62  
 4-Bromofluorobenzene  
 Concen: 48.364 ug/l  
 RT: 13.55 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 95 Resp: 641013  
 Ion Ratio Lower Upper  
 95 100  
 174 89.0 0.0 155.4  
 176 85.8 0.0 152.4

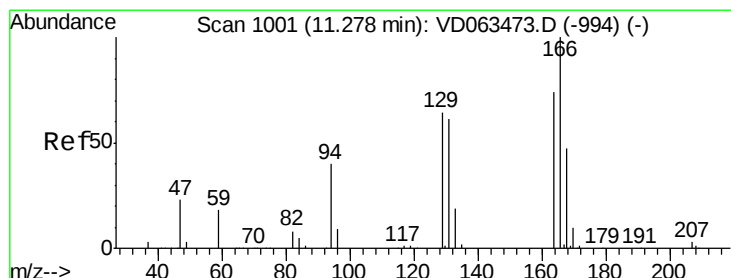
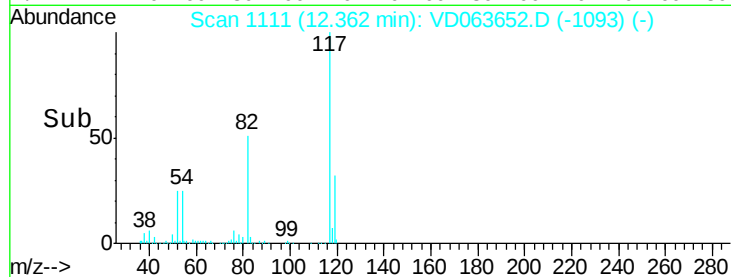
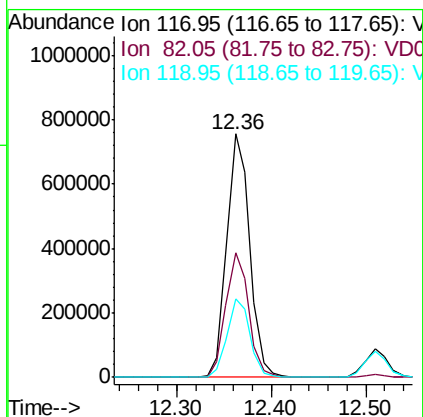
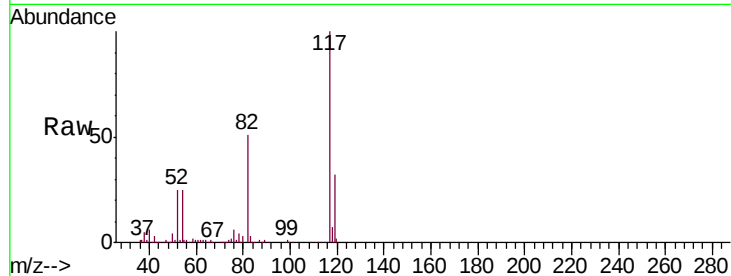




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 12.36 min Scan# 1111  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

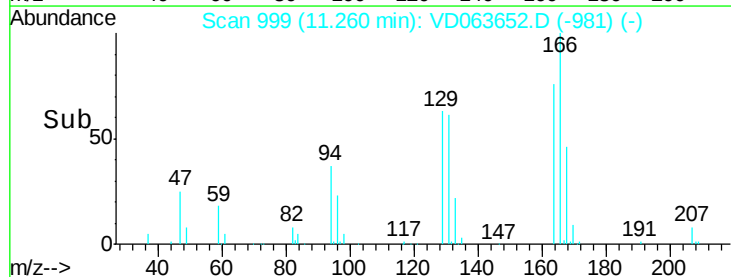
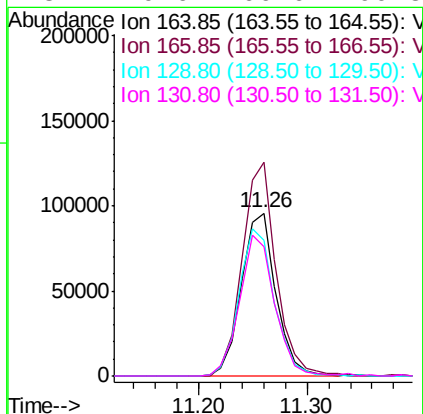
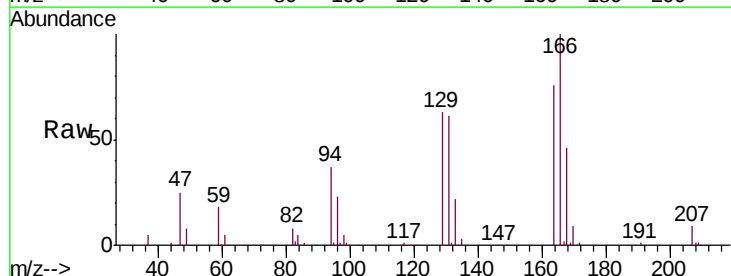
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

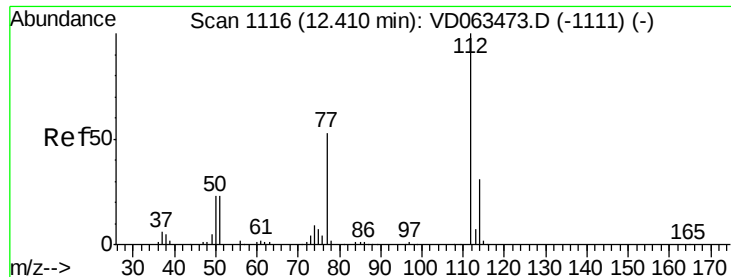
Tgt Ion:117 Resp: 1270264  
Ion Ratio Lower Upper  
117 100  
82 51.2 42.0 63.0  
119 32.4 25.4 38.0



#64  
Tetrachloroethene  
Concen: 21.677 ug/l  
RT: 11.26 min Scan# 999  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion:164 Resp: 212564  
Ion Ratio Lower Upper  
164 100  
166 131.3 108.6 163.0  
129 83.3 69.0 103.6  
131 79.6 66.6 99.8





#65

Chlorobenzene

Concen: 22.102 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

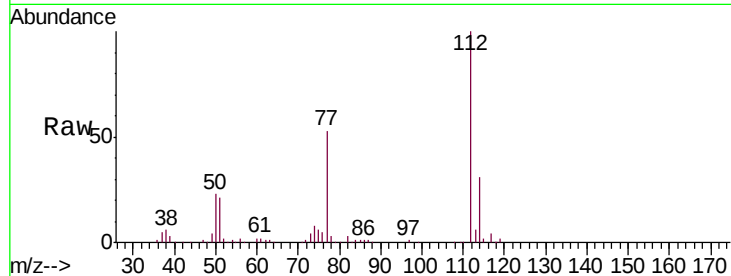
VD0819SBS01

Tgt Ion:112 Resp: 526207

Ion Ratio Lower Upper

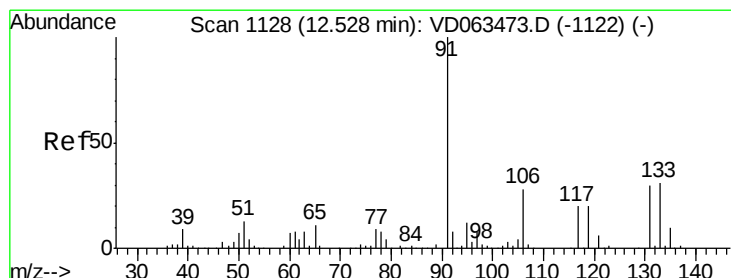
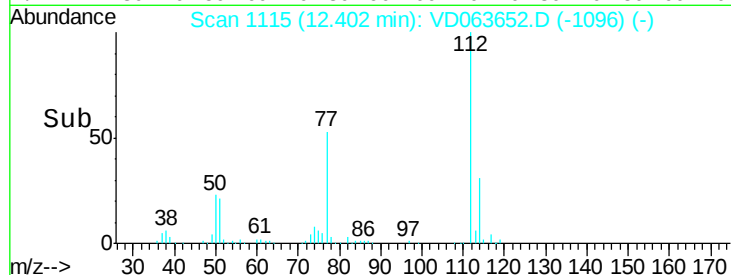
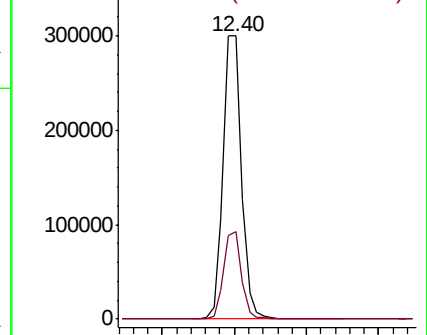
112 100

114 31.1 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 114.00 (113.70 to 114.70): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.063 ug/l

RT: 12.51 min Scan# 1126

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

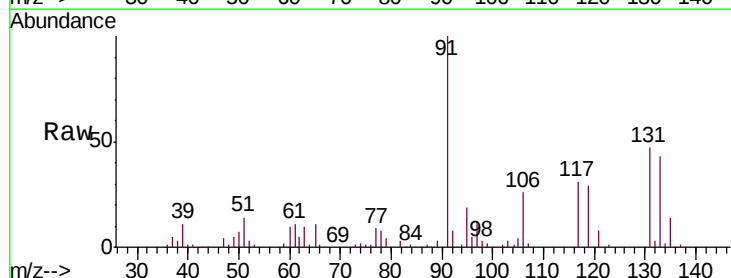
Tgt Ion:131 Resp: 220696

Ion Ratio Lower Upper

131 100

133 90.5 51.1 153.3

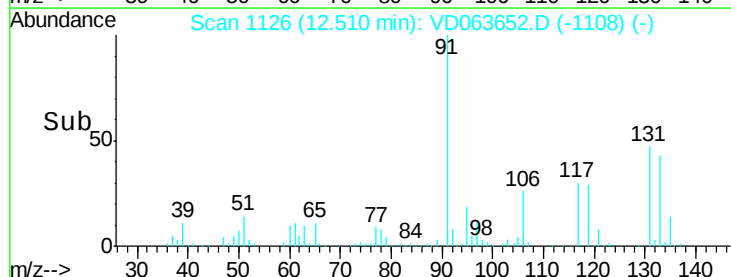
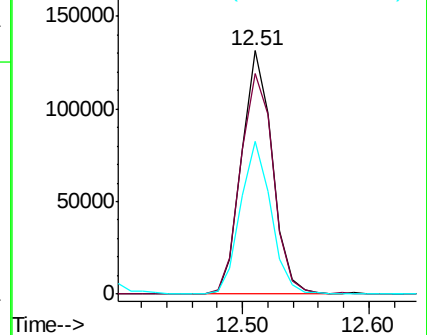
119 62.7 33.1 99.3

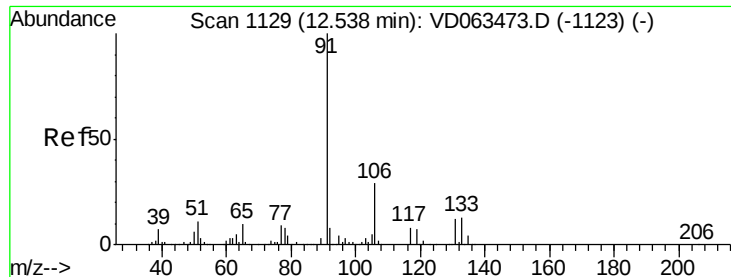


Abundance Ion 130.90 (130.60 to 131.60): V

Ion 132.90 (132.60 to 133.60): V

Ion 118.85 (118.55 to 119.55): V

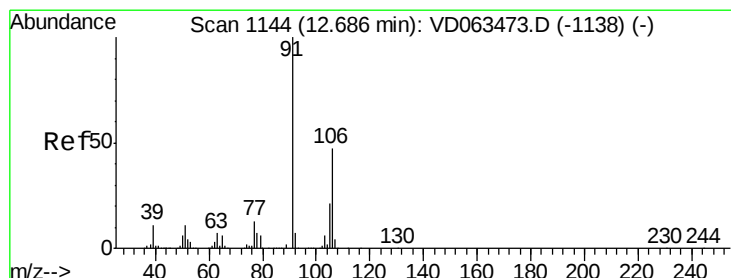
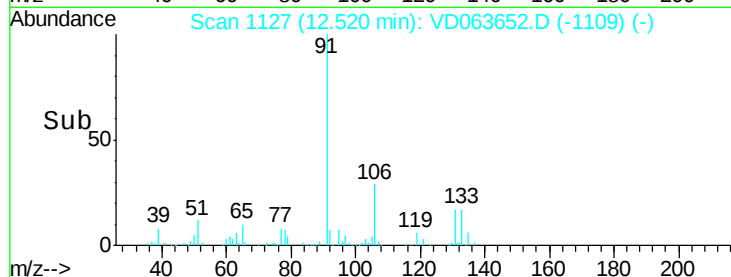
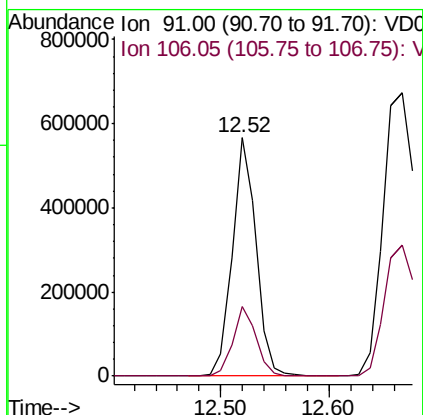
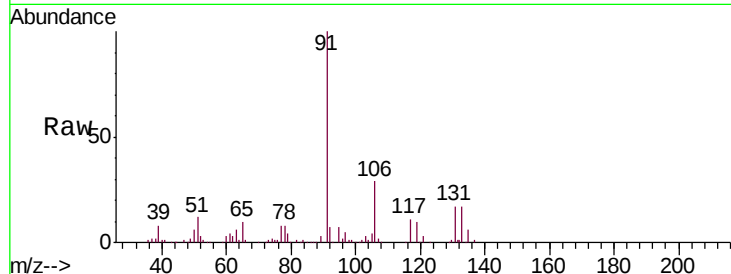




#67  
Ethyl Benzene  
Concen: 20.850 ug/l  
RT: 12.52 min Scan# 1127  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

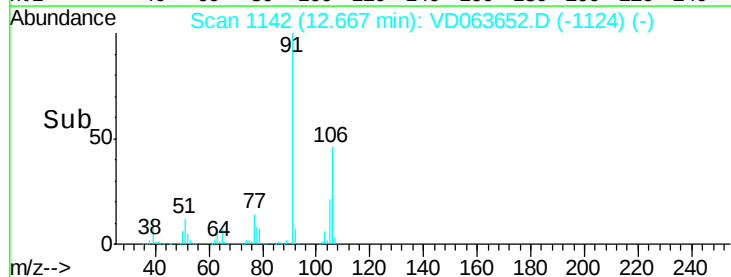
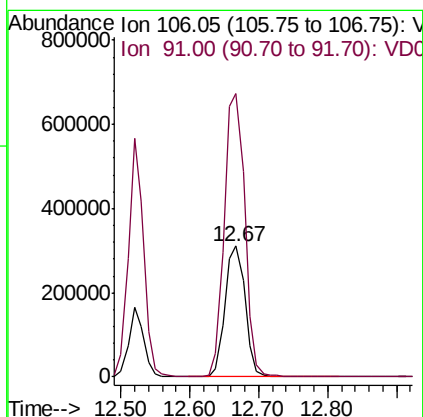
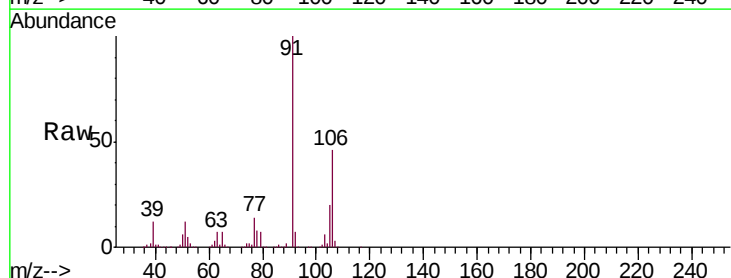
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

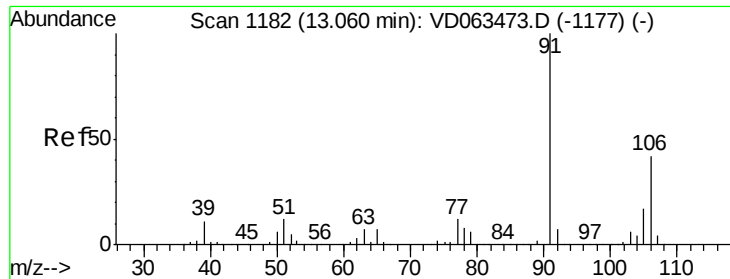
Tgt Ion: 91 Resp: 863090  
Ion Ratio Lower Upper  
91 100  
106 29.4 23.1 34.7



#68  
m/p-Xylenes  
Concen: 43.230 ug/l  
RT: 12.67 min Scan# 1142  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion: 106 Resp: 628722  
Ion Ratio Lower Upper  
106 100  
91 216.8 171.8 257.8

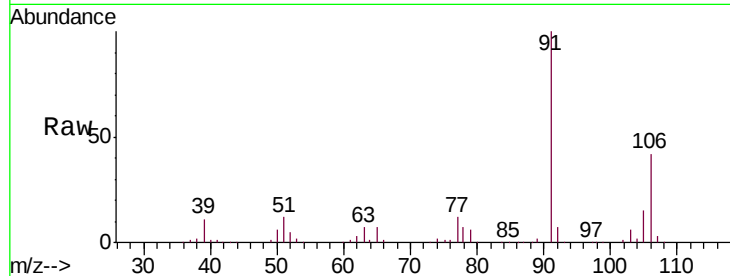




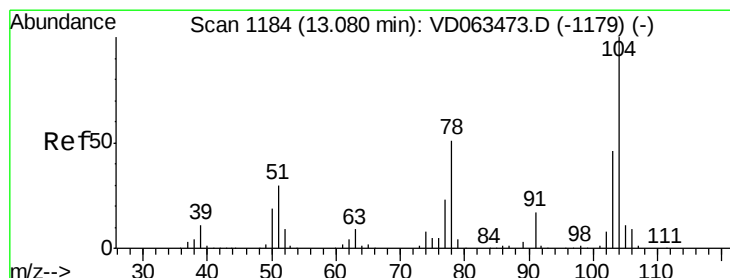
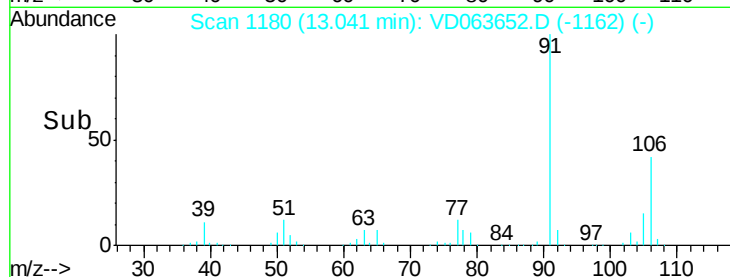
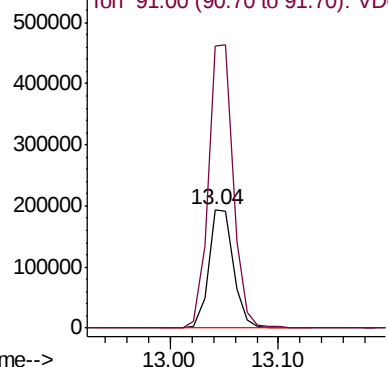
#69  
o-Xylene  
Concen: 21.901 ug/l  
RT: 13.04 min Scan# 1180  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

Tgt Ion:106 Resp: 306571  
Ion Ratio Lower Upper  
106 100  
91 238.6 118.1 354.2

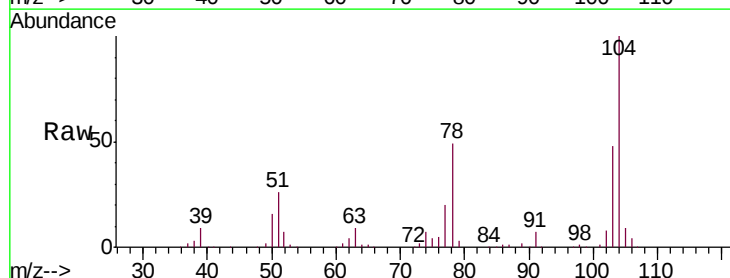


Abundance Ion 106.05 (105.75 to 106.75): V  
Ion 91.00 (90.70 to 91.70): V

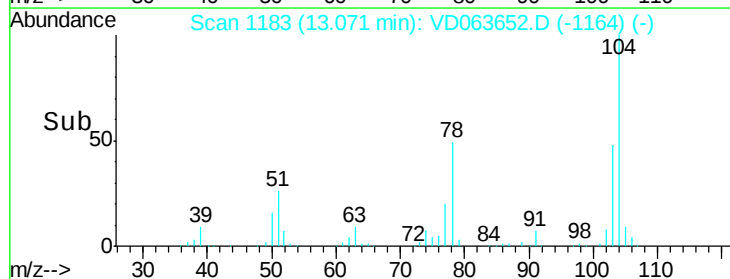
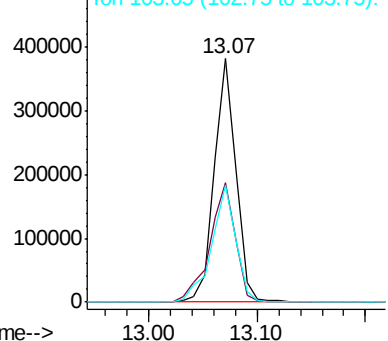


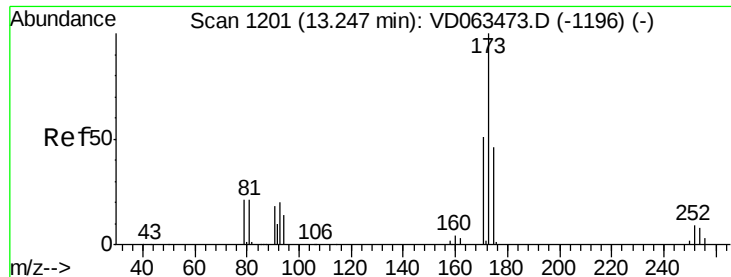
#70  
Styrene  
Concen: 21.287 ug/l  
RT: 13.07 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion:104 Resp: 530034  
Ion Ratio Lower Upper  
104 100  
78 49.3 40.8 61.2  
103 48.0 36.4 54.6



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

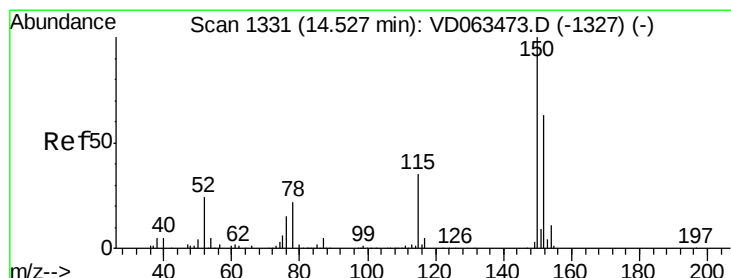
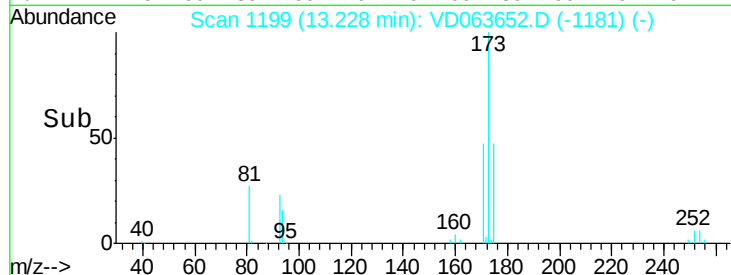
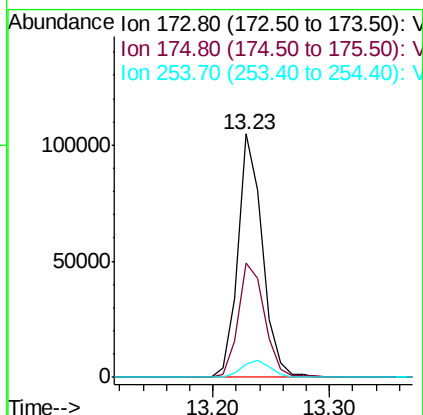
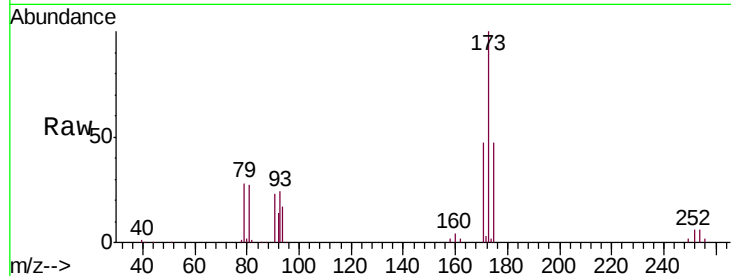




#71  
Bromoform  
Concen: 21.150 ug/l  
RT: 13.23 min Scan# 1199  
Delta R.T. -0.02 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

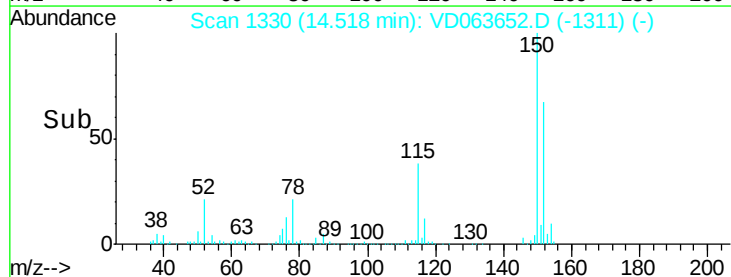
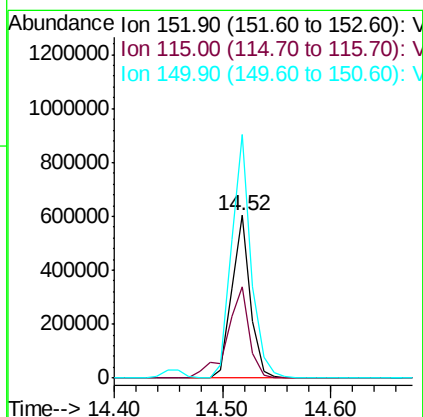
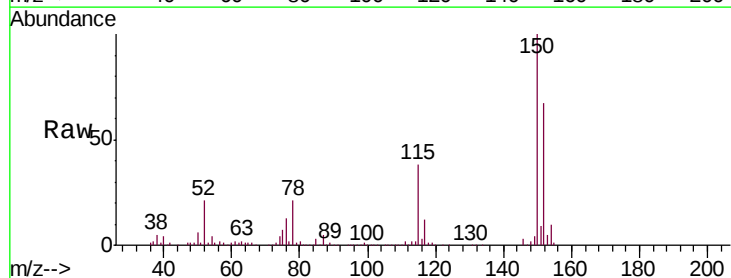
Instrument :  
MSVOA\_D  
ClientSampleId :  
VD0819SBS01

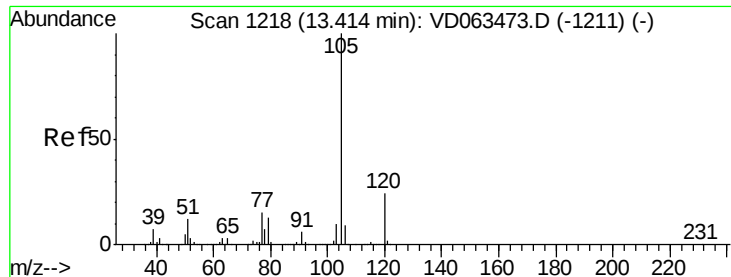
Tgt Ion:173 Resp: 151951  
Ion Ratio Lower Upper  
173 100  
175 46.8 22.8 68.3  
254 5.6 6.6 9.8#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 14.52 min Scan# 1330  
Delta R.T. -0.01 min  
Lab File: VD063652.D  
Acq: 19 Aug 2019 12:47

Tgt Ion:152 Resp: 717090  
Ion Ratio Lower Upper  
152 100  
115 56.5 30.9 92.7  
150 149.8 0.0 318.6





#73

Isopropylbenzene

Concen: 21.635 ug/l

RT: 13.41 min Scan# 1217

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

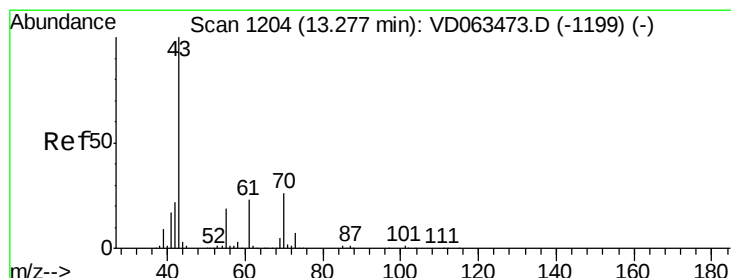
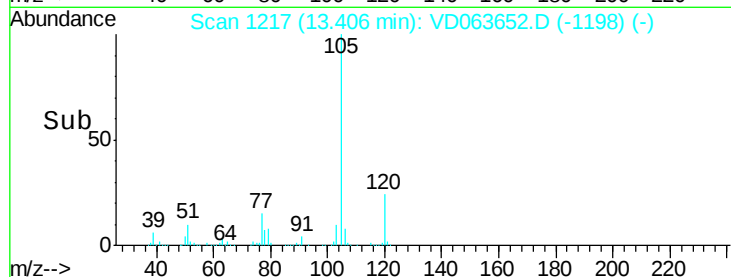
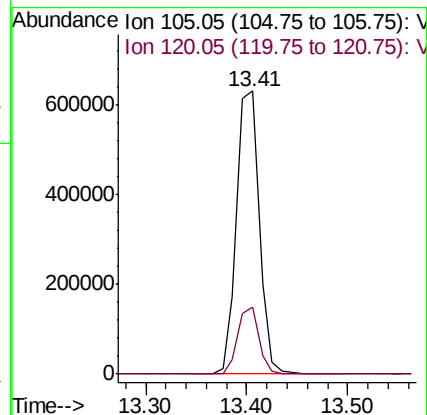
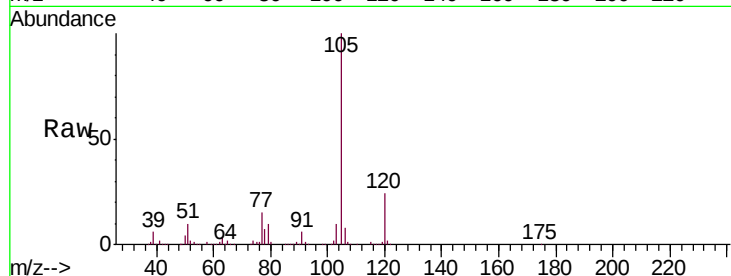
VD0819SBS01

Tgt Ion:105 Resp: 986781

Ion Ratio Lower Upper

105 100

120 23.7 11.9 35.9



#74

N-ethyl acetate

Concen: 18.422 ug/l

RT: 13.27 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Tgt Ion: 43 Resp: 210932

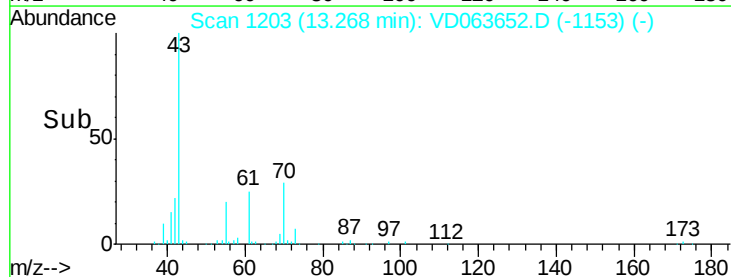
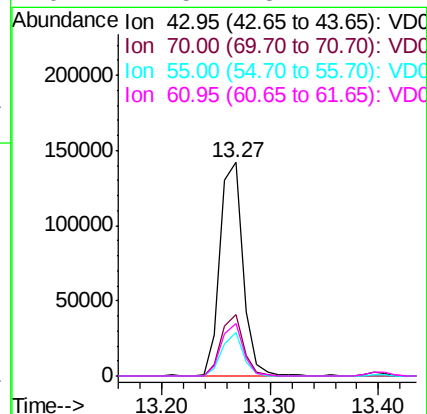
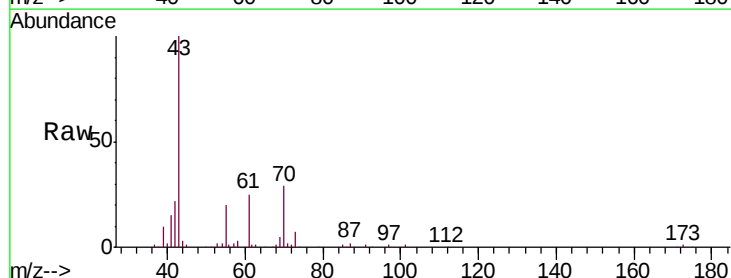
Ion Ratio Lower Upper

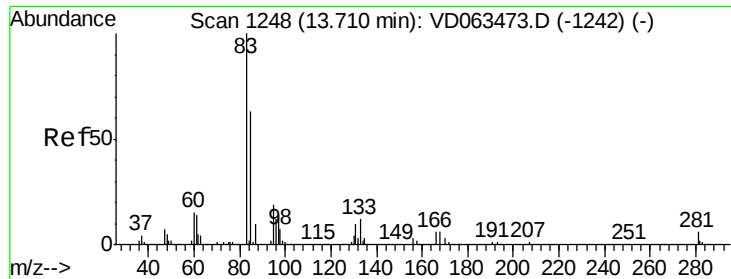
43 100

70 29.1 21.1 31.7

55 20.5 15.4 23.0

61 24.5 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.614 ug/l

RT: 13.70 min Scan# 1247

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

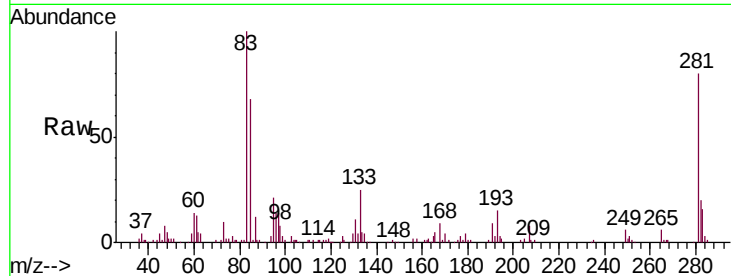
Tgt Ion: 83 Resp: 156059

Ion Ratio Lower Upper

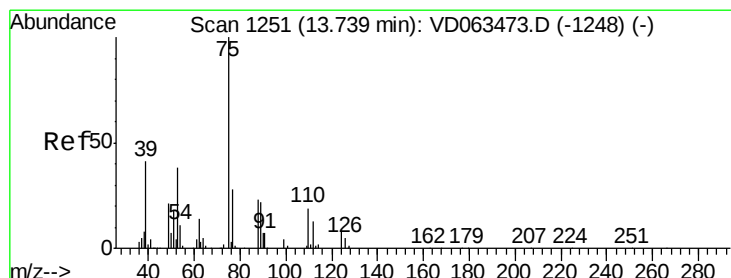
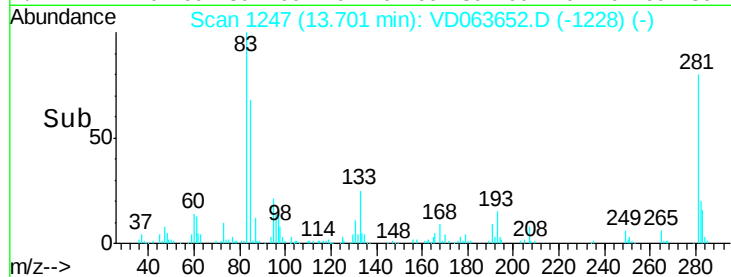
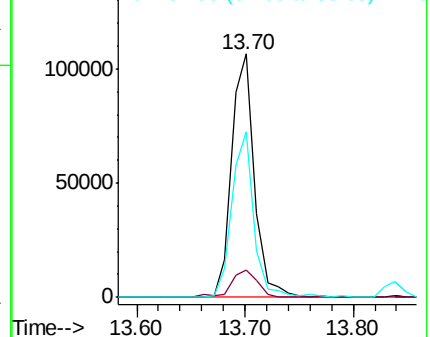
83 100

131 11.4 5.3 15.8

85 68.1 31.4 94.3



Abundance Ion 82.95 (82.65 to 83.65): VDC  
Ion 130.90 (130.60 to 131.60): VDC  
Ion 84.95 (84.65 to 85.65): VDC



#76

1,2,3-Trichloropropane

Concen: 21.556 ug/l

RT: 13.73 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VD063652.D

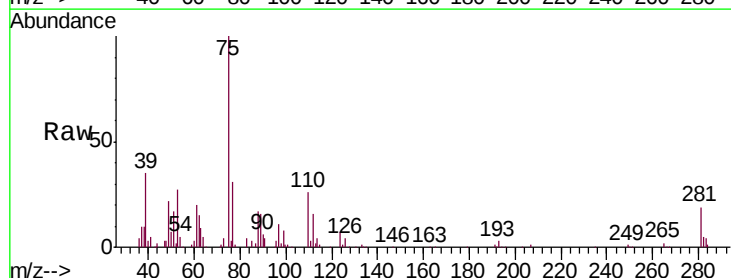
Acq: 19 Aug 2019 12:47

Tgt Ion: 75 Resp: 177403

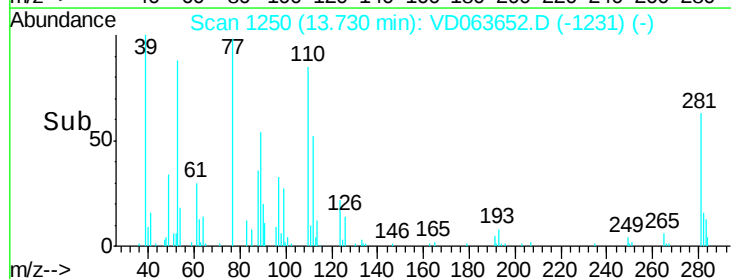
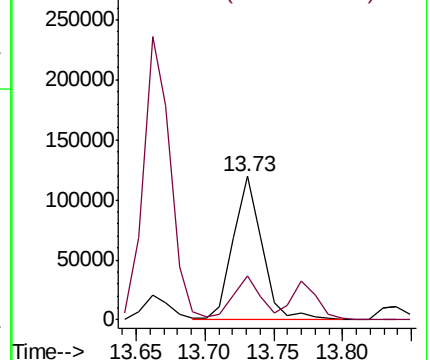
Ion Ratio Lower Upper

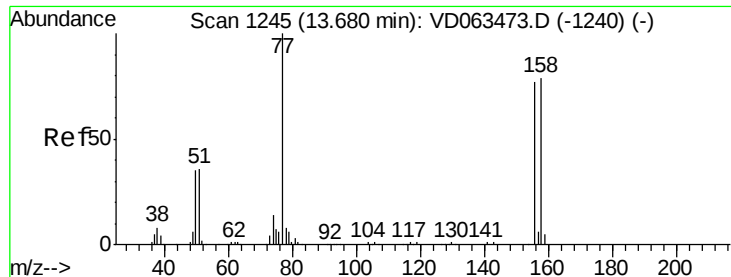
75 100

77 30.8 15.1 45.3



Abundance Ion 75.00 (74.70 to 75.70): VDC  
Ion 76.95 (76.65 to 77.65): VDC





#77

Bromobenzene

Concen: 20.484 ug/l

RT: 13.67 min Scan# 1244

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

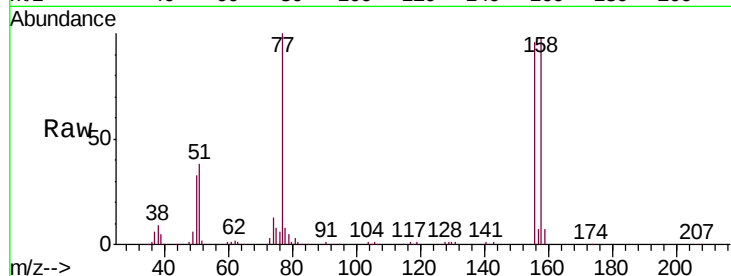
Tgt Ion:156 Resp: 255339

Ion Ratio Lower Upper

156 100

77 103.8 64.6 193.8

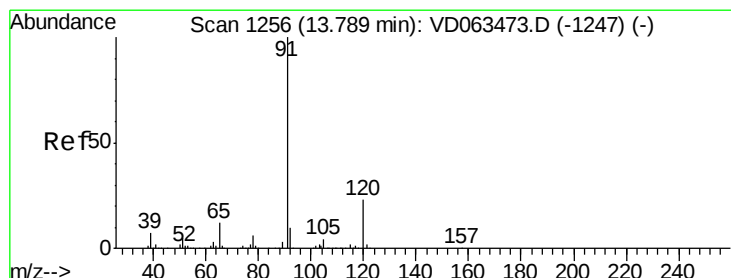
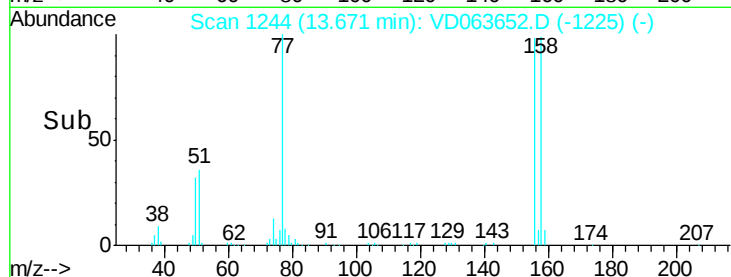
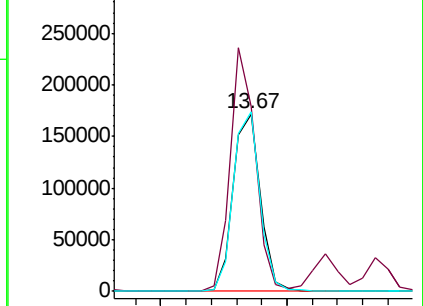
158 101.4 50.9 152.7



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: 19.474 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.02 min

Lab File: VD063652.D

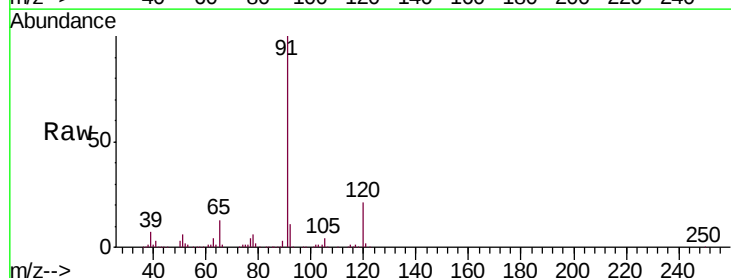
Acq: 19 Aug 2019 12:47

Tgt Ion: 91 Resp: 1039232

Ion Ratio Lower Upper

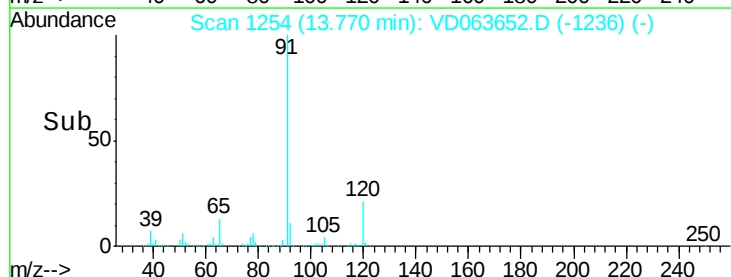
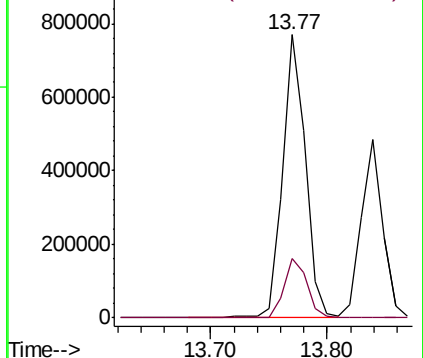
91 100

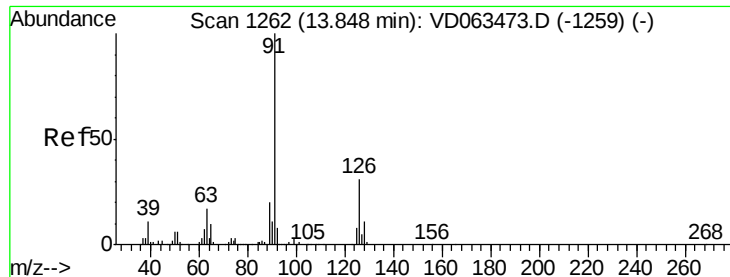
120 21.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V

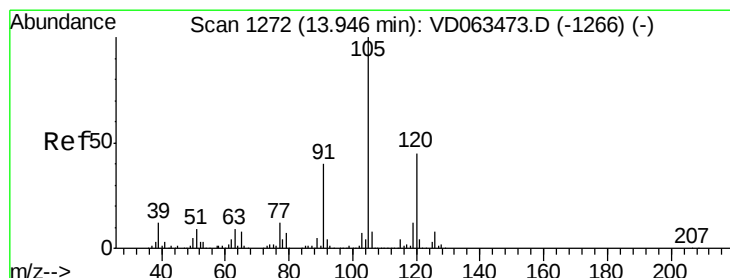
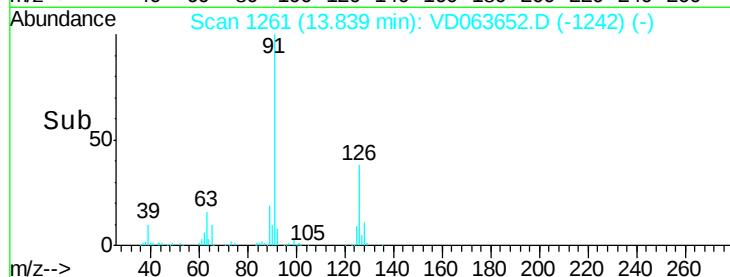
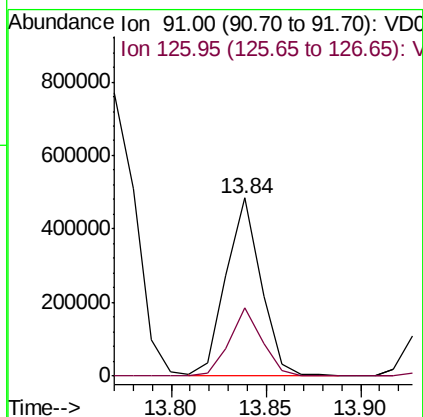
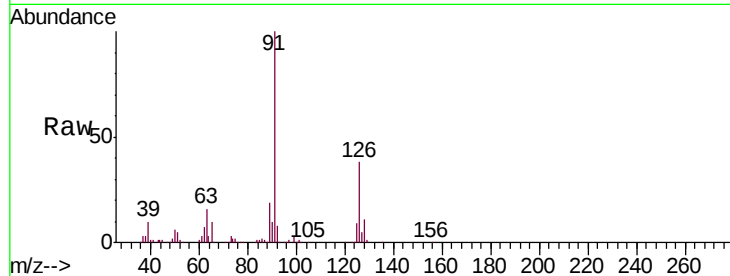




#79  
 2-Chlorotoluene  
 Concen: 20.174 ug/l  
 RT: 13.84 min Scan# 1261  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

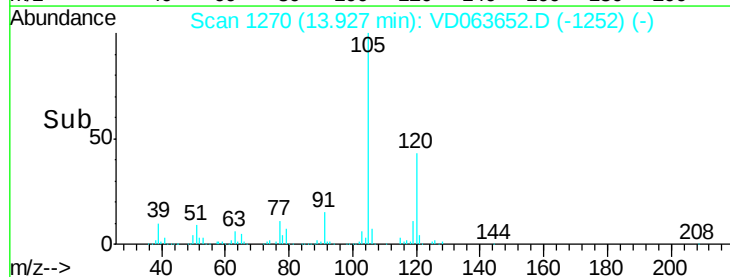
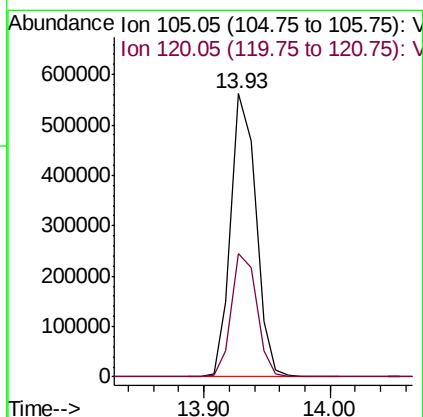
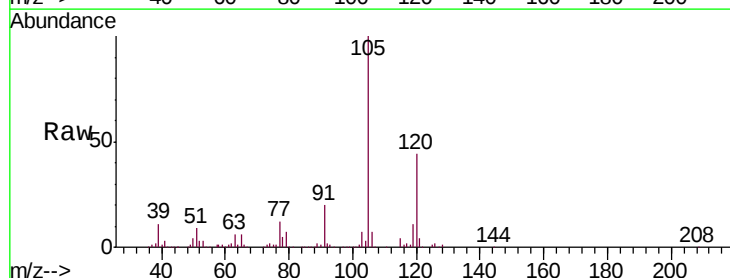
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

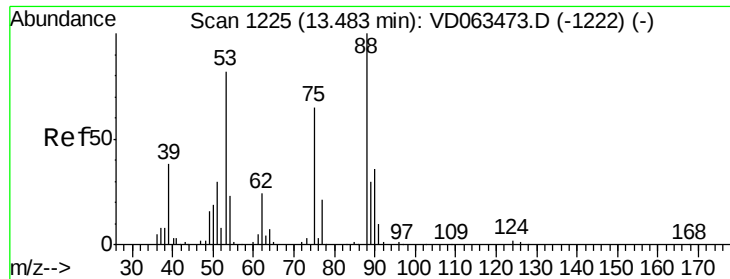
Tgt Ion: 91 Resp: 620762  
 Ion Ratio Lower Upper  
 91 100  
 126 38.2 15.6 46.7



#80  
 1,3,5-Trimethylbenzene  
 Concen: 19.524 ug/l  
 RT: 13.93 min Scan# 1270  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 105 Resp: 778070  
 Ion Ratio Lower Upper  
 105 100  
 120 43.7 22.8 68.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.738 ug/l

RT: 13.47 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

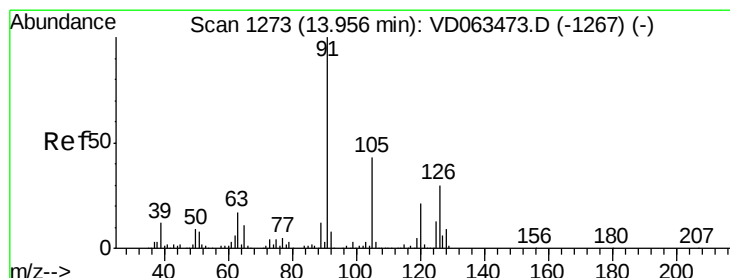
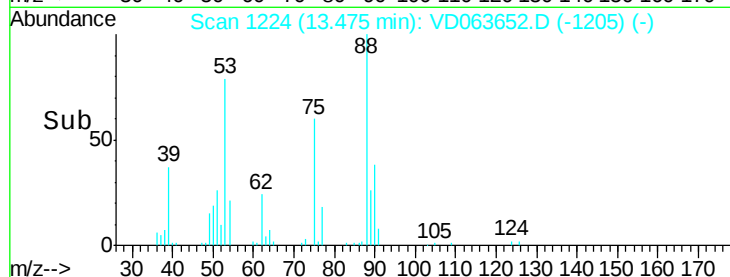
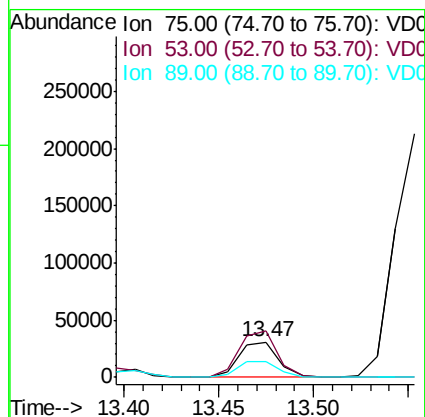
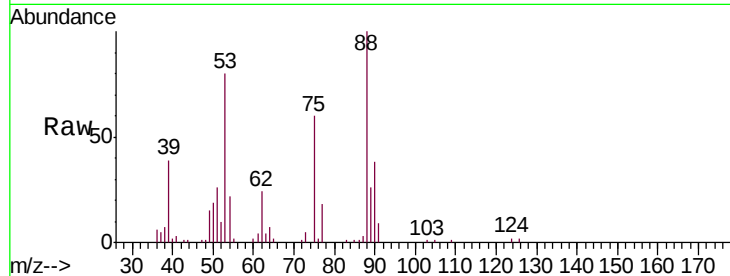
Tgt Ion: 75 Resp: 43660

Ion Ratio Lower Upper

75 100

53 134.1 101.0 151.4

89 43.3 37.0 55.6



#82

4-Chlorotoluene

Concen: 19.639 ug/l

RT: 13.95 min Scan# 1272

Delta R.T. -0.01 min

Lab File: VD063652.D

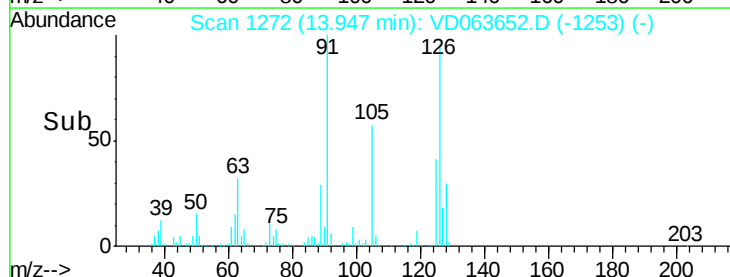
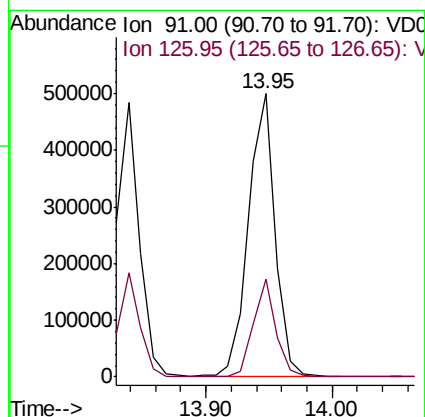
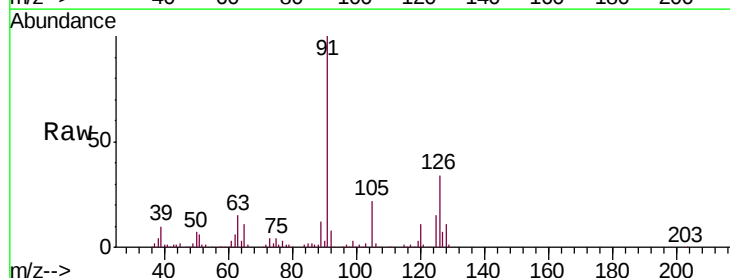
Acq: 19 Aug 2019 12:47

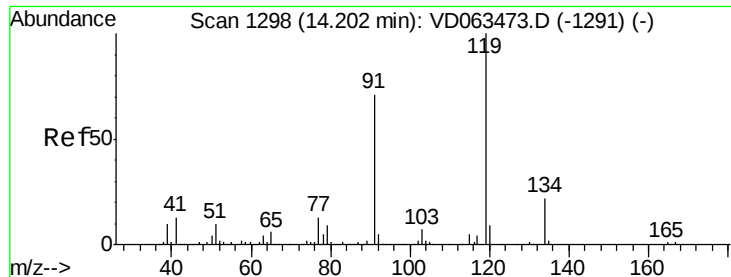
Tgt Ion: 91 Resp: 726662

Ion Ratio Lower Upper

91 100

126 34.4 15.2 45.6

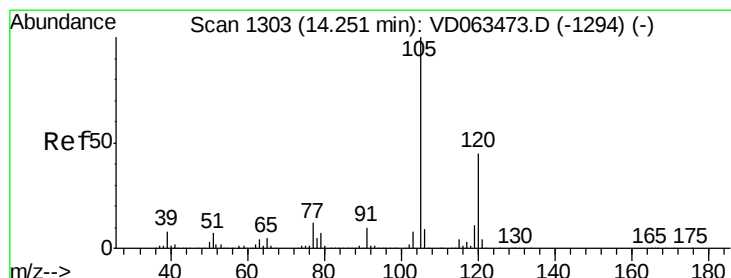
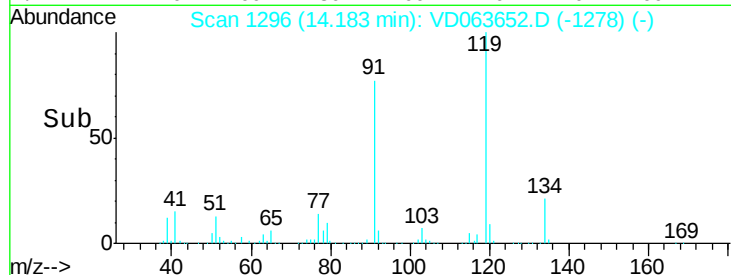
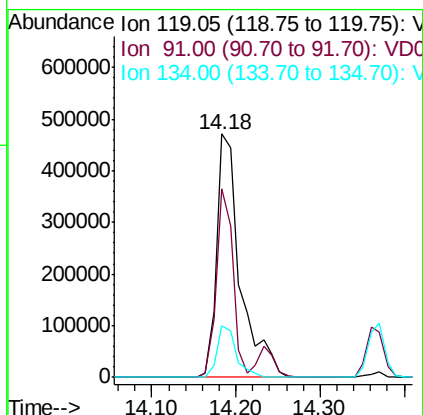
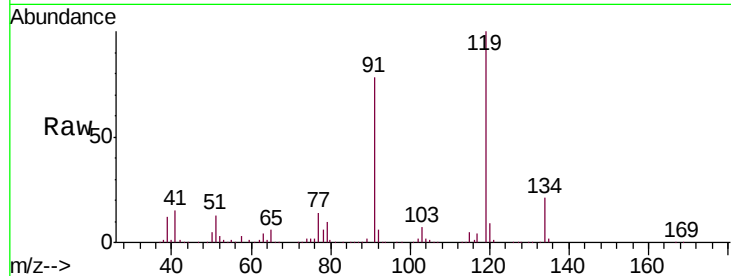




#83  
 tert-Butylbenzene  
 Concen: 21.791 ug/l  
 RT: 14.18 min Scan# 1296  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

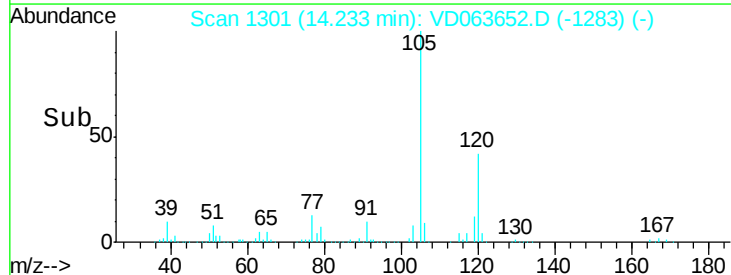
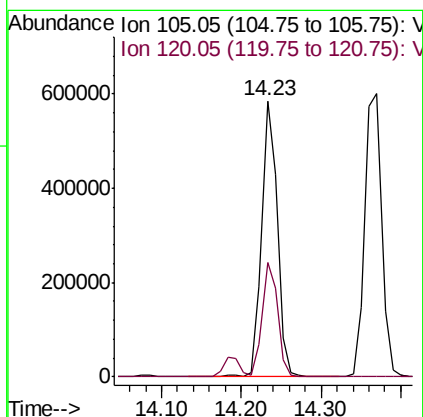
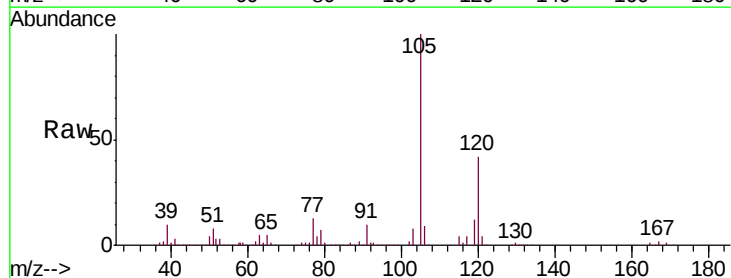
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

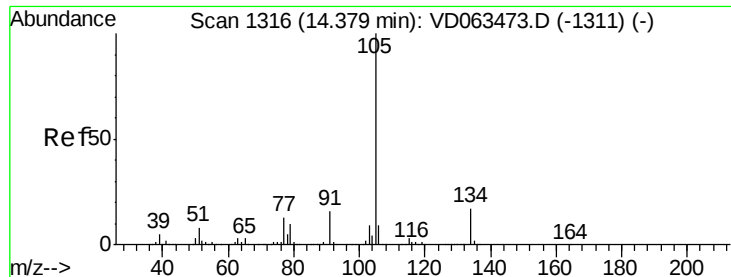
Tgt Ion:119 Resp: 914483  
 Ion Ratio Lower Upper  
 119 100  
 91 77.7 35.5 106.7  
 134 21.1 11.1 33.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 21.249 ug/l  
 RT: 14.23 min Scan# 1301  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion:105 Resp: 783522  
 Ion Ratio Lower Upper  
 105 100  
 120 41.6 22.7 68.1

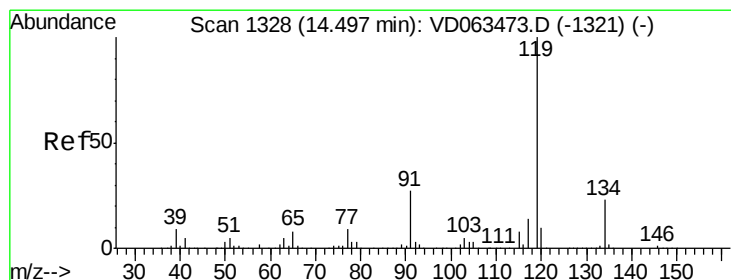
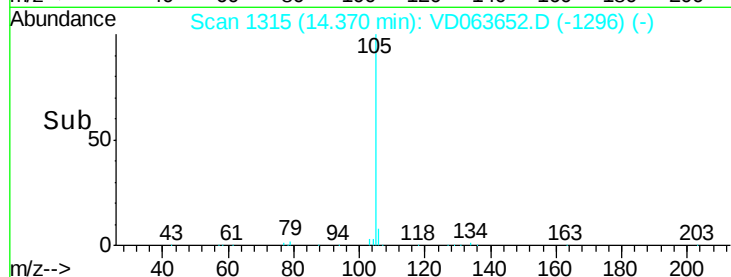
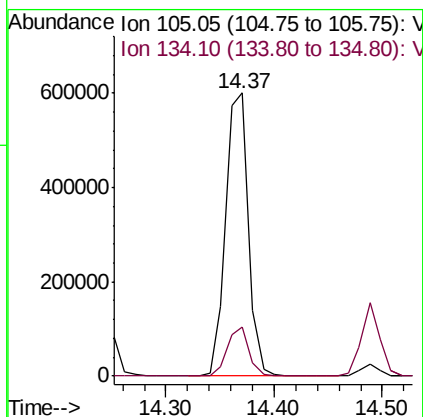
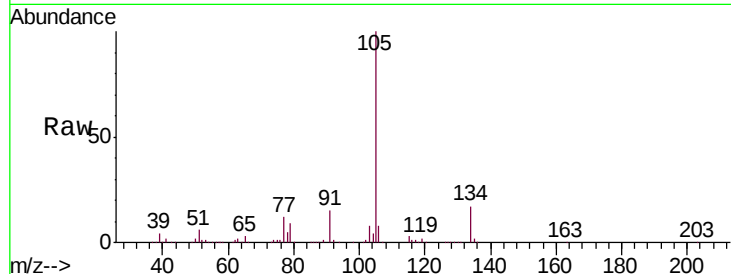




#85  
 sec-Butylbenzene  
 Concen: 19.834 ug/l  
 RT: 14.37 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

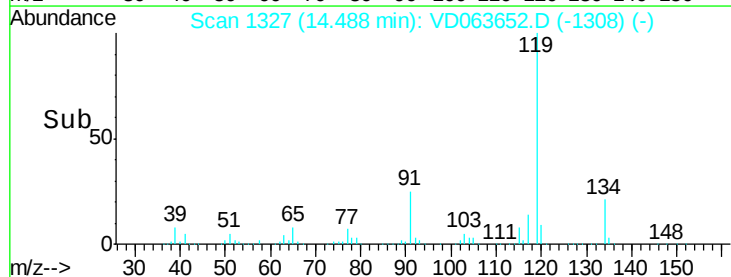
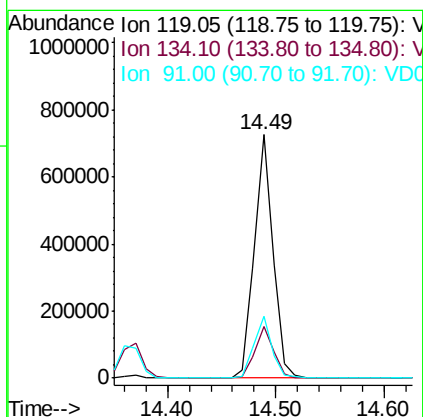
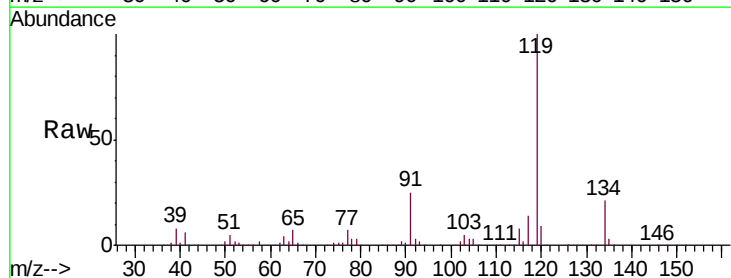
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

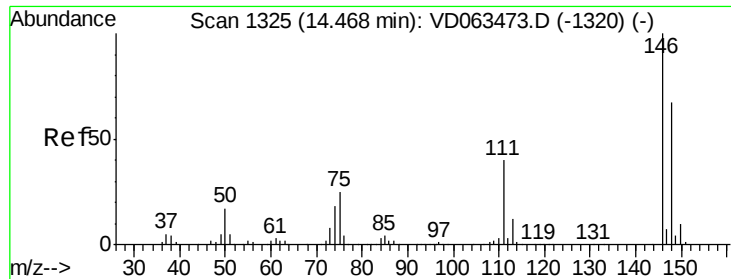
Tgt Ion:105 Resp: 883952  
 Ion Ratio Lower Upper  
 105 100  
 134 17.4 8.3 24.8



#86  
 p-Isopropyltoluene  
 Concen: 20.469 ug/l  
 RT: 14.49 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion:119 Resp: 872222  
 Ion Ratio Lower Upper  
 119 100  
 134 21.3 11.3 33.8  
 91 25.4 13.5 40.4

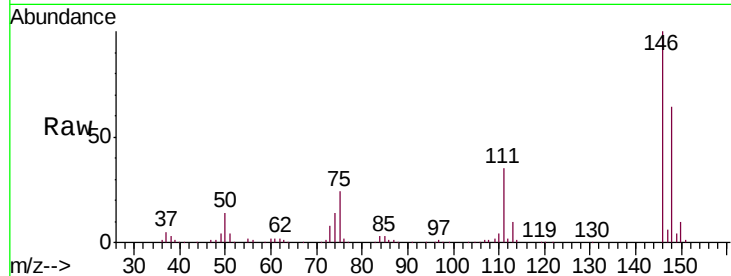




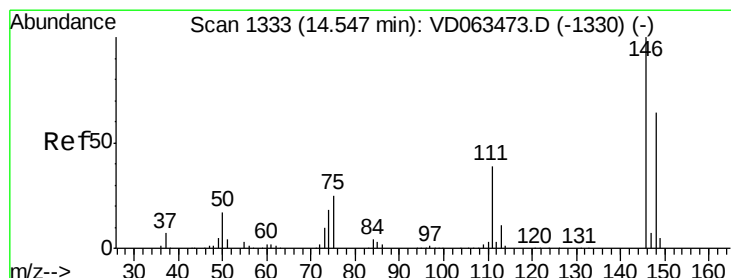
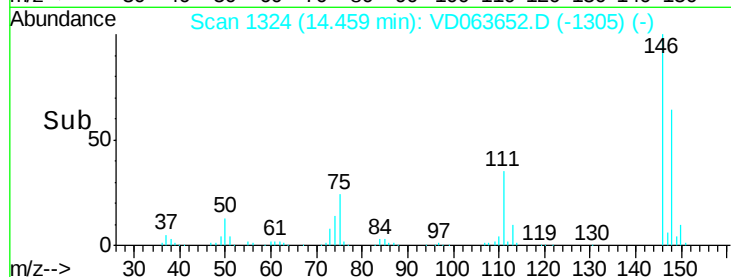
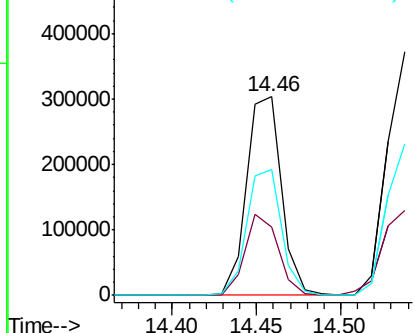
#87  
 1,3-Dichlorobenzene  
 Concen: 19.390 ug/l  
 RT: 14.46 min Scan# 1324  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

Tgt Ion:146 Resp: 437202  
 Ion Ratio Lower Upper  
 146 100  
 111 34.6 20.0 60.0  
 148 63.6 33.6 100.6

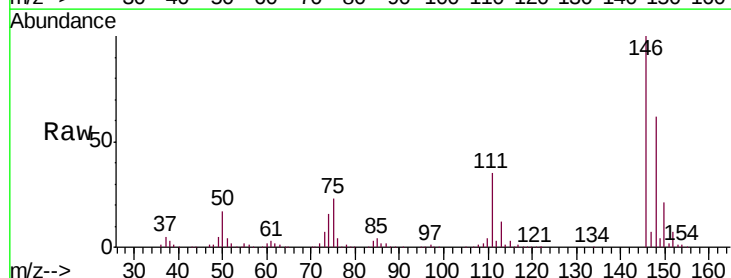


Abundance Ion 145.95 (145.65 to 146.65): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

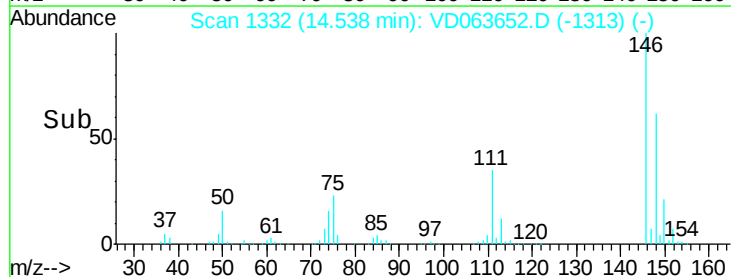
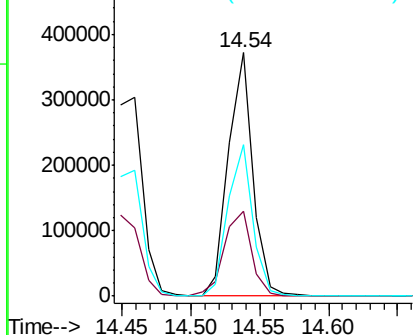


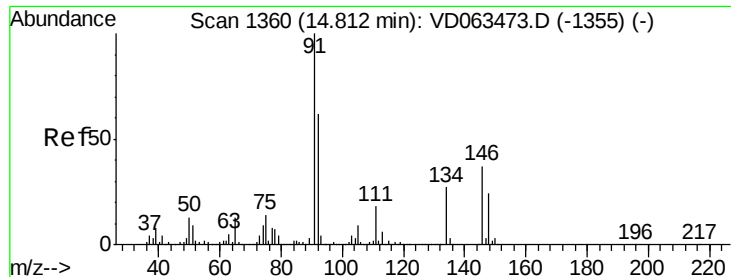
#88  
 1,4-Dichlorobenzene  
 Concen: 21.330 ug/l  
 RT: 14.54 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion:146 Resp: 461442  
 Ion Ratio Lower Upper  
 146 100  
 111 34.7 19.7 59.0  
 148 62.3 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: 20.360 ug/l

RT: 14.79 min Scan# 1358

Delta R.T. -0.02 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

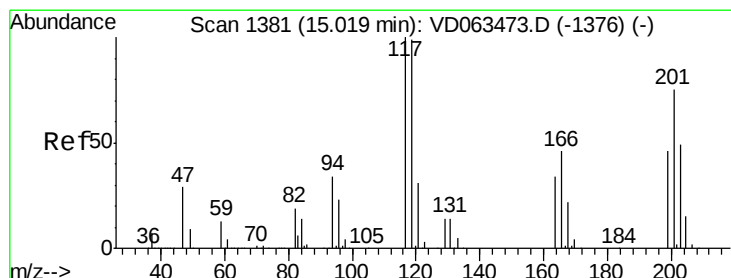
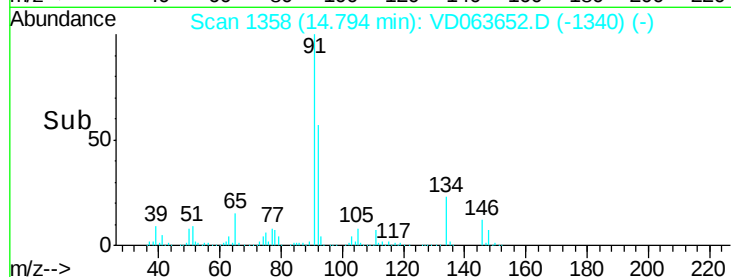
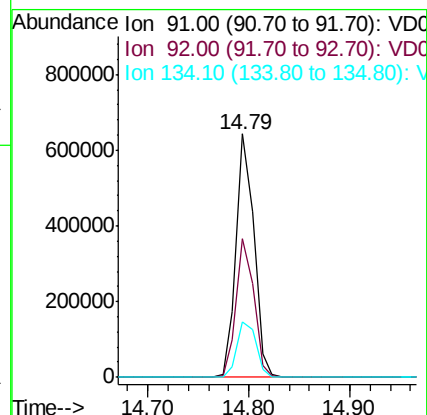
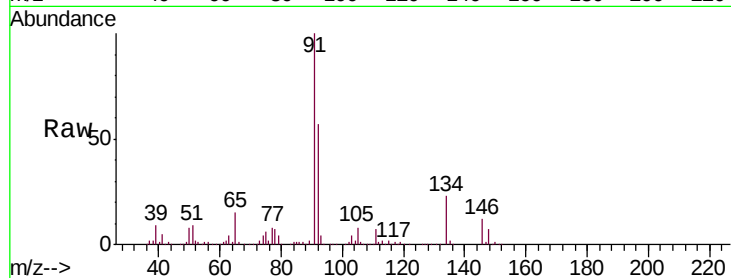
Tgt Ion: 91 Resp: 791833

Ion Ratio Lower Upper

91 100

92 57.1 30.8 92.3

134 22.8 13.4 40.2



#90

Hexachloroethane

Concen: 20.280 ug/l

RT: 15.00 min Scan# 1379

Delta R.T. -0.02 min

Lab File: VD063652.D

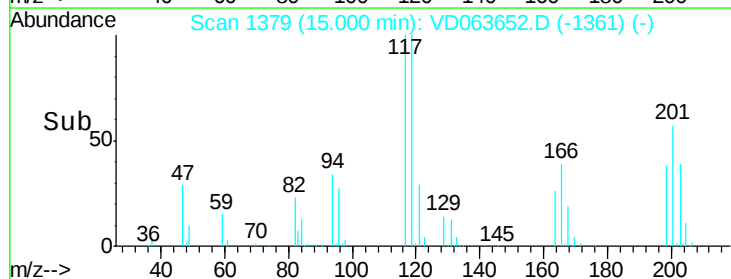
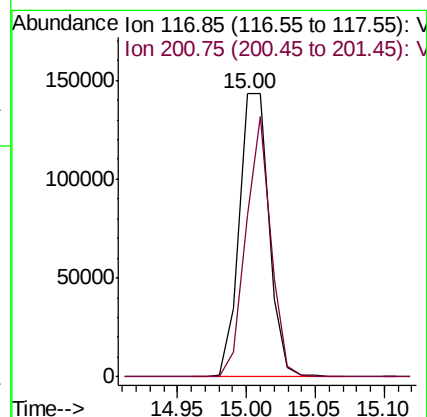
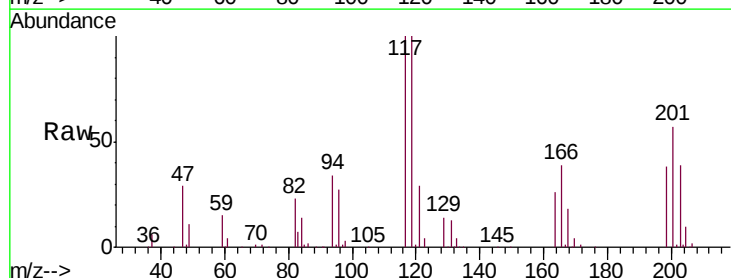
Acq: 19 Aug 2019 12:47

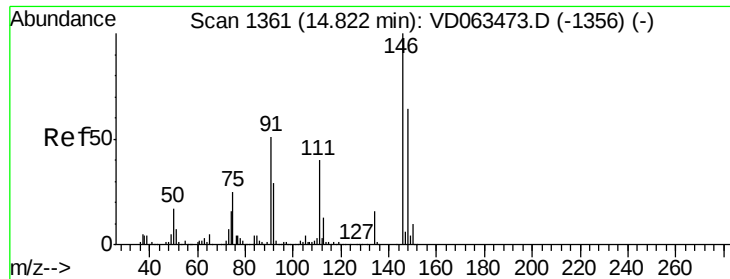
Tgt Ion: 117 Resp: 217212

Ion Ratio Lower Upper

117 100

201 57.1 37.5 112.5

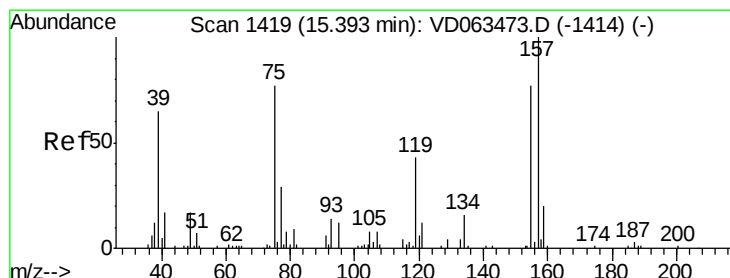
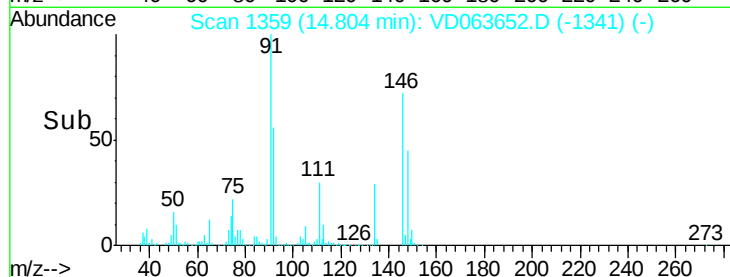
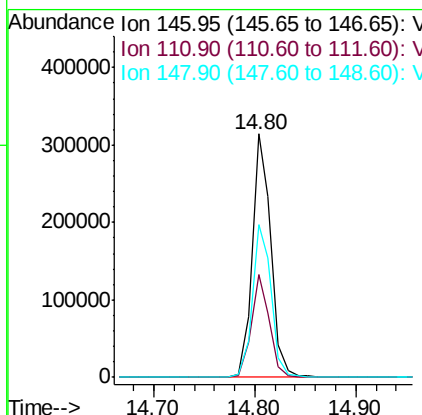
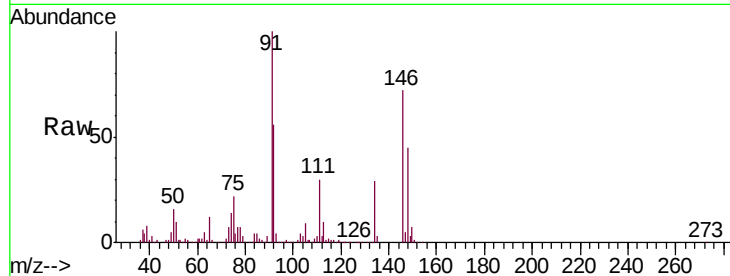




#91  
 1,2-Dichlorobenzene  
 Concen: 21.287 ug/l  
 RT: 14.80 min Scan# 1359  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

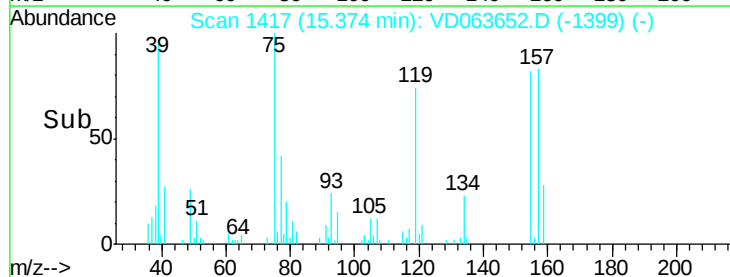
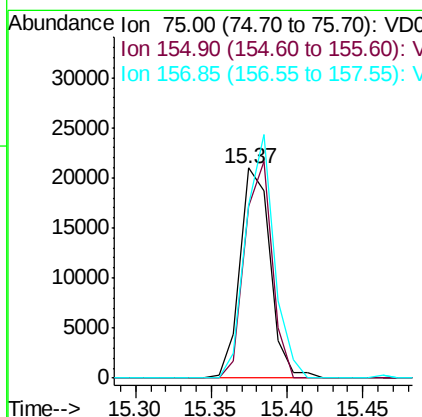
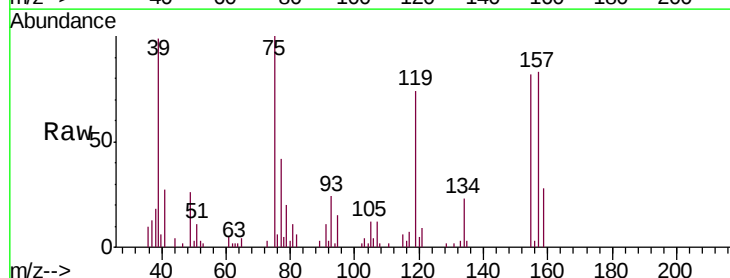
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

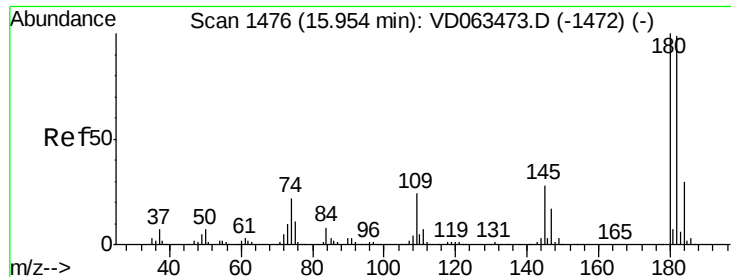
Tgt Ion:146 Resp: 407224  
 Ion Ratio Lower Upper  
 146 100  
 111 42.1 20.2 60.6  
 148 62.9 32.1 96.5



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.458 ug/l  
 RT: 15.37 min Scan# 1417  
 Delta R.T. -0.02 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion: 75 Resp: 29163  
 Ion Ratio Lower Upper  
 75 100  
 155 81.8 50.1 150.3  
 157 82.6 65.0 195.1

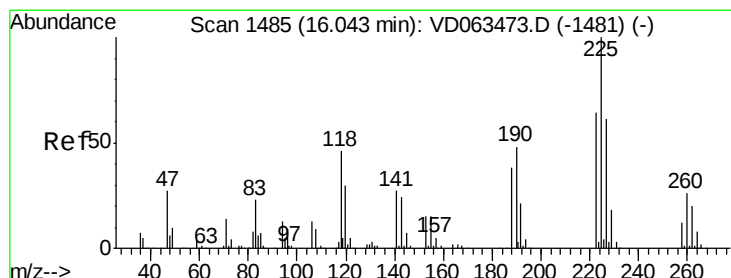
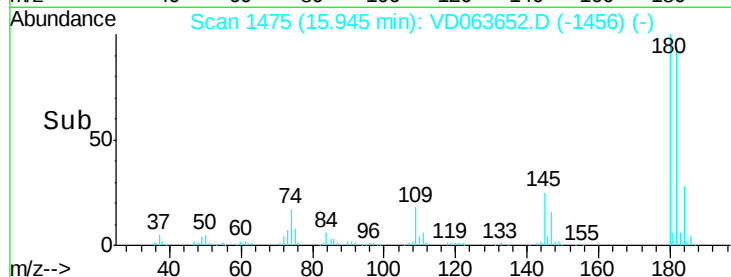
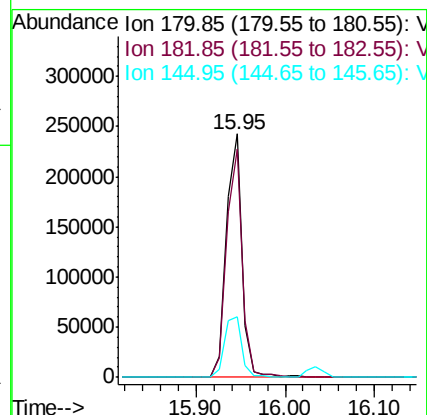
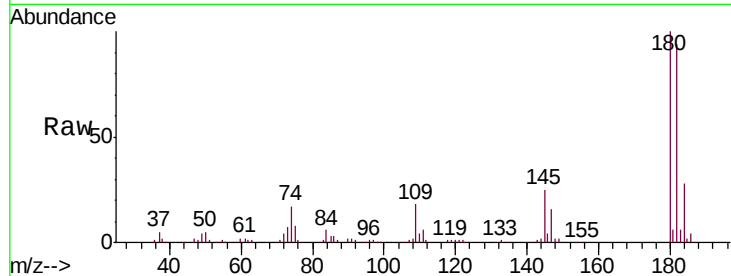




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.504 ug/l  
 RT: 15.95 min Scan# 1475  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

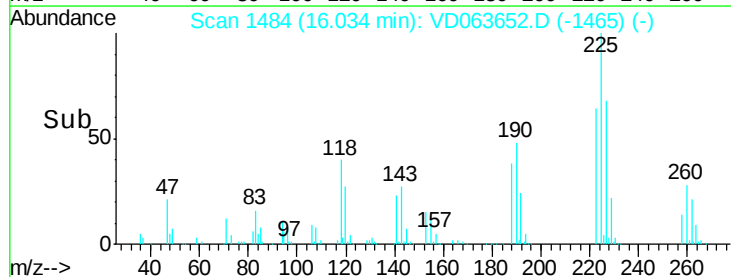
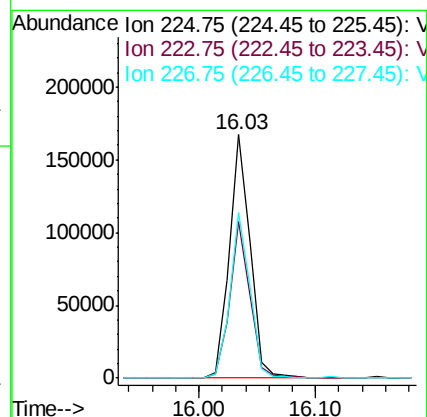
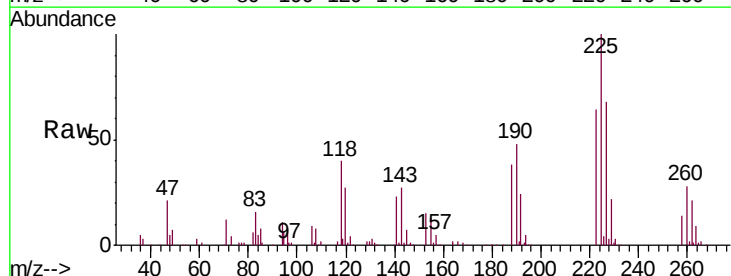
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VD0819SBS01

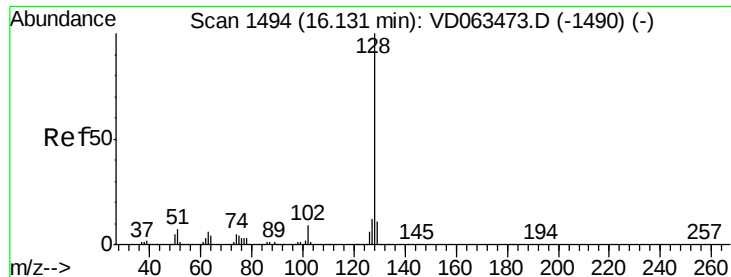
Tgt Ion:180 Resp: 302697  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 49.7 149.1  
 145 24.9 14.1 42.2



#94  
 Hexachlorobutadiene  
 Concen: 19.272 ug/l  
 RT: 16.03 min Scan# 1484  
 Delta R.T. -0.01 min  
 Lab File: VD063652.D  
 Acq: 19 Aug 2019 12:47

Tgt Ion:225 Resp: 206754  
 Ion Ratio Lower Upper  
 225 100  
 223 64.3 31.9 95.5  
 227 68.0 30.7 92.1





#95

Naphthalene

Concen: 16.935 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

Instrument :

MSVOA\_D

ClientSampleId :

VD0819SBS01

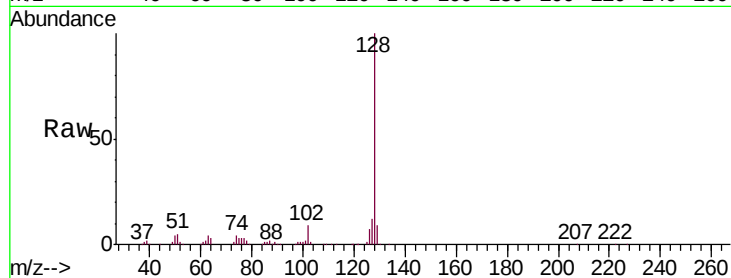
Tgt Ion:128 Resp: 361278

Ion Ratio Lower Upper

128 100

127 11.7 9.4 14.0

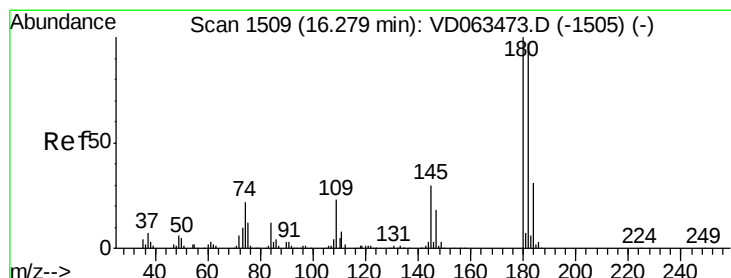
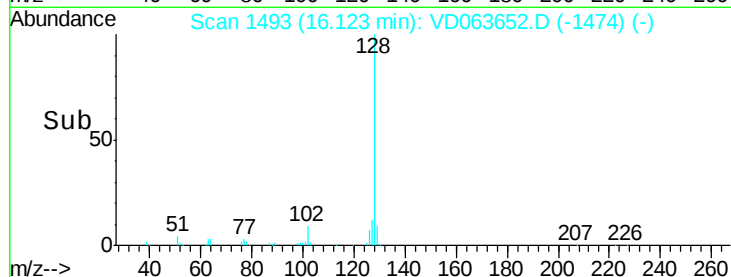
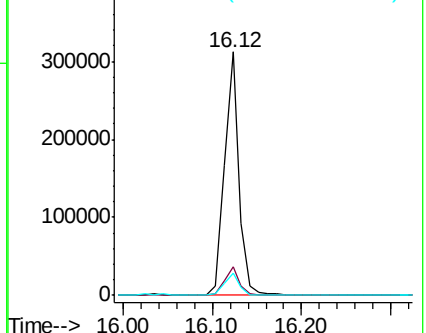
129 9.3 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.402 ug/l

RT: 16.27 min Scan# 1508

Delta R.T. -0.01 min

Lab File: VD063652.D

Acq: 19 Aug 2019 12:47

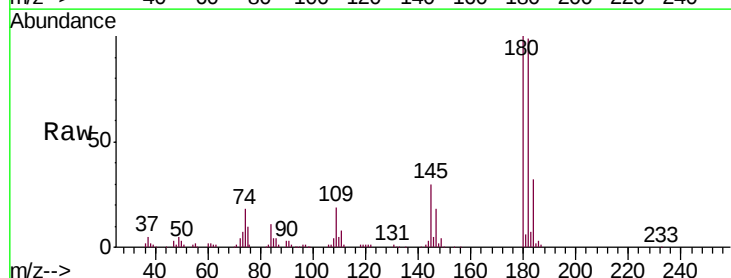
Tgt Ion:180 Resp: 220591

Ion Ratio Lower Upper

180 100

182 98.6 48.4 145.2

145 30.1 14.9 44.9



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

