

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD033120\  
 Data File : VD065566.D  
 Acq On : 31 Mar 2020 15:18  
 Operator : VA/SY  
 Sample : L1758-01RE  
 Misc : 7.24G/5.00ml/MSVOA D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Quant Time: Apr 01 05:54:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_D\METHOD\82D032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 01:47:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.99  | 168  | 469518   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.87  | 114  | 877705   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.65 | 117  | 841725   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.58 | 152  | 378382   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.34  | 65   | 258285   | 66.08 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 132.16% |          |
| 35) Dibromofluoromethane    | 7.92  | 113  | 297754   | 54.96 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 109.92% |          |
| 50) Toluene-d8              | 10.34 | 98   | 1052028  | 51.72 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.44% |          |
| 62) 4-Bromofluorobenzene    | 12.64 | 95   | 361635   | 56.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 112.04% |          |

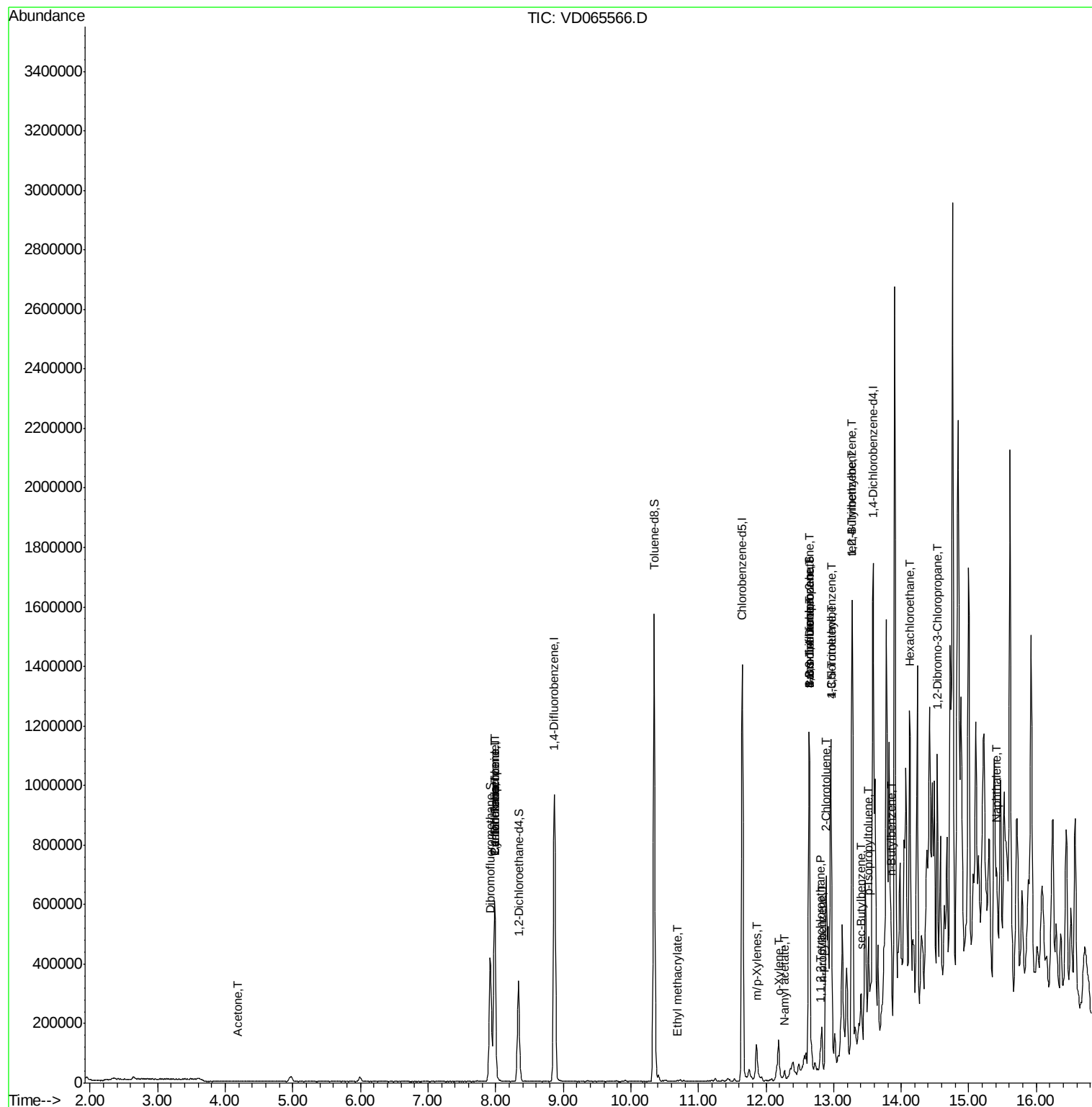
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 2) Dichlorodifluoromethane     | 2.00  | 85   | 208      | Below Cal | #      | 42     |
| 3) Chloromethane               | 2.21  | 50   | 702      | Below Cal | #      | 42     |
| 5) Bromomethane                | 2.77  | 94   | 131      | Below Cal | #      | 4      |
| 16) Acetone                    | 4.18  | 43   | 3293     | 4.465     | ug/l   | 93     |
| 20) Methylene Chloride         | 4.97  | 84   | 14491    | Below Cal |        | 98     |
| 31) Cyclohexane                | 7.99  | 56   | 9213     | 1.254     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 7.98  | 75   | 31949    | 3.984     | ug/l # | 48     |
| 38) Carbon Tetrachloride       | 7.99  | 117  | 43418    | 5.141     | ug/l # | 18     |
| 56) Ethyl methacrylate         | 10.69 | 69   | 378      | 3.362     | ug/l # | 1      |
| 68) m/p-Xylenes                | 11.86 | 106  | 26496    | 2.435     | ug/l   | 97     |
| 69) o-Xylene                   | 12.18 | 106  | 35274    | 3.701     | ug/l   | 99     |
| 74) N-amyl acetate             | 12.28 | 43   | 5925     | 1.292     | ug/l # | 84     |
| 75) 1,1,2,2-Tetrachloroethane  | 12.80 | 83   | 4663     | 1.155     | ug/l # | 25     |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 175787   | 60.428    | ug/l # | 100    |
| 77) Bromobenzene               | 12.64 | 156  | 7873     | 1.297     | ug/l # | 1      |
| 78) n-propylbenzene            | 12.83 | 91   | 111349   | 4.021     | ug/l   | 100    |
| 79) 2-Chlorotoluene            | 12.89 | 91   | 51149    | 3.237     | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 12.97 | 105  | 237682   | 12.342    | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 12.64 | 75   | 175787   | 134.887   | ug/l # | 13     |
| 82) 4-Chlorotoluene            | 12.97 | 91   | 23198    | 1.382     | ug/l # | 46     |
| 83) tert-Butylbenzene          | 13.27 | 119  | 110529   | 6.853     | ug/l # | 70     |
| 84) 1,2,4-Trimethylbenzene     | 13.28 | 105  | 869089   | 45.142    | ug/l   | 100    |
| 85) sec-Butylbenzene           | 13.41 | 105  | 93801    | 4.064     | ug/l   | 87     |
| 86) p-Isopropyltoluene         | 13.53 | 119  | 72629    | 3.415     | ug/l   | 99     |
| 89) n-Butylbenzene             | 13.86 | 91   | 165873   | 8.588     | ug/l # | 76     |
| 90) Hexachloroethane           | 14.13 | 117  | 46191    | 10.356    | ug/l # | 6      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.53 | 75   | 1092     | 1.796     | ug/l # | 34     |
| 95) Naphthalene                | 15.41 | 128  | 219438   | 21.475    | ug/l # | 92     |

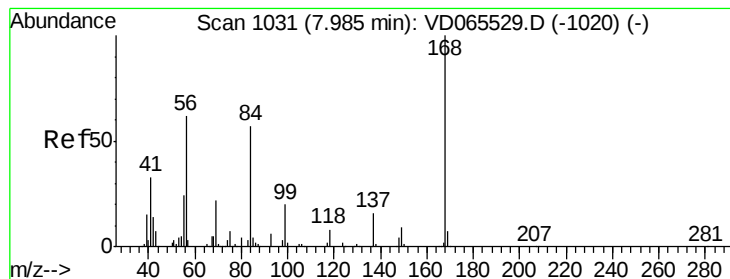
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD033120\  
Data File : VD065566.D  
Acq On : 31 Mar 2020 15:18  
Operator : VA/SY  
Sample : L1758-01RE  
Misc : 7.24G/5.00ml/MSVOA D/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :

Quant Time: Apr 01 05:54:50 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_D\METHOD\82D032620S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 01:47:48 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

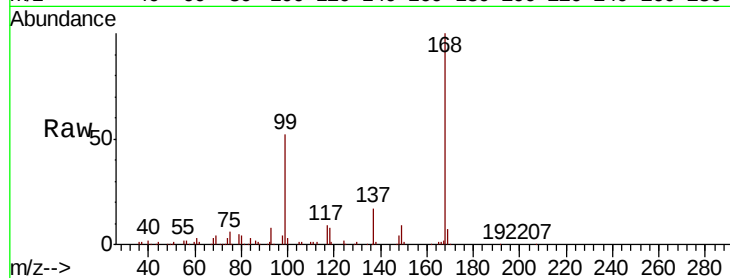
ClientSampleId :

Tot Ion:168 Resp: 469518

Ion Ratio Lower Upper

168 100

99 51.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

250000

200000

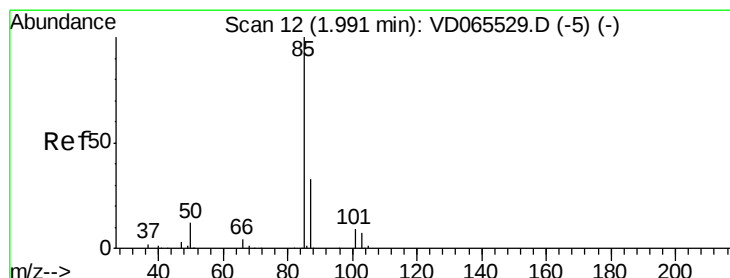
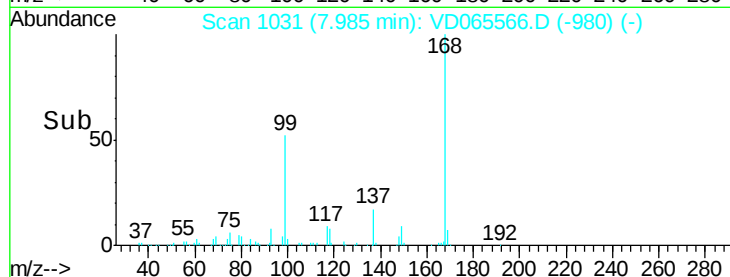
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD065566.D

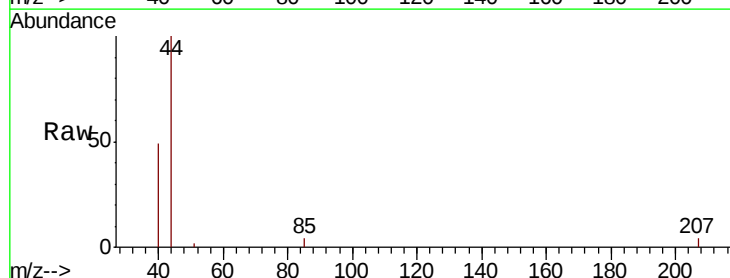
Acq: 31 Mar 2020 15:18

Tgt Ion: 85 Resp: 208

Ion Ratio Lower Upper

85 100

87 0.0 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

2.00

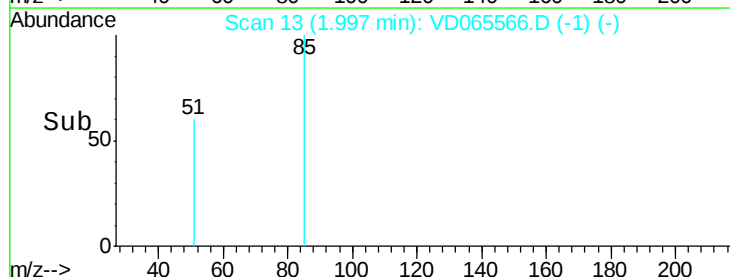
300

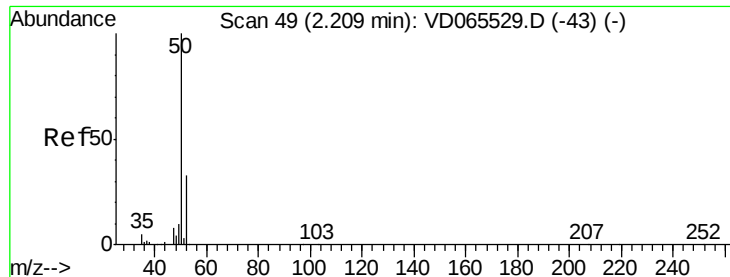
200

100

0

Time-->





#3

Chloromethane

Concen: Below Cal

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

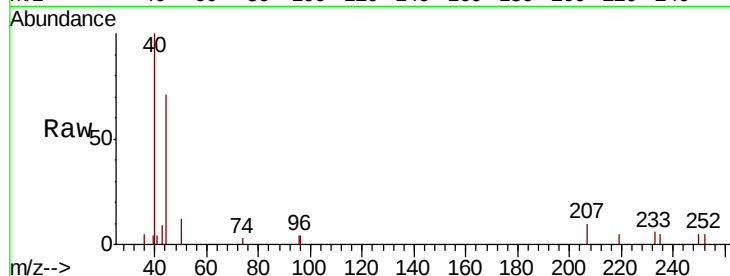
ClientSampled :

Tot Ion: 50 Resp: 702

Ion Ratio Lower Upper

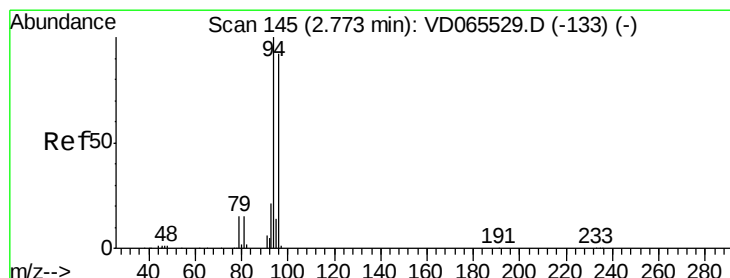
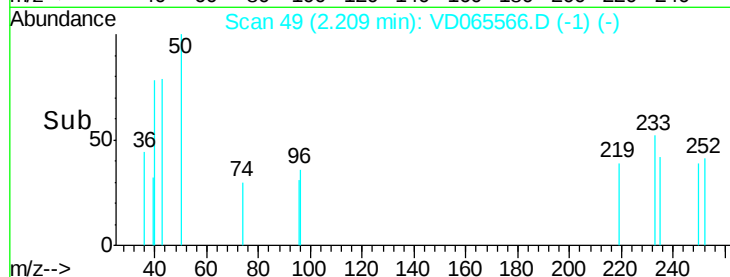
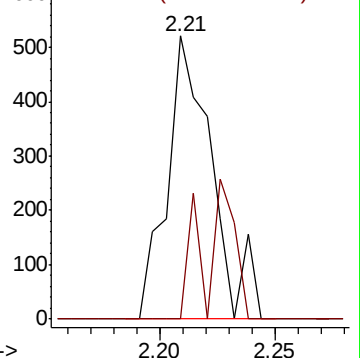
50 100

52 0.0 26.3 39.5#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#5

Bromomethane

Concen: Below Cal

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD065566.D

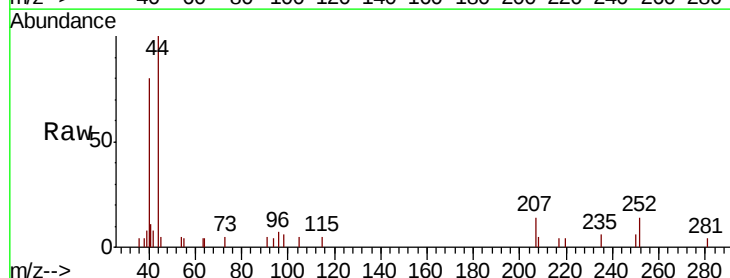
Acq: 31 Mar 2020 15:18

Tgt Ion: 94 Resp: 131

Ion Ratio Lower Upper

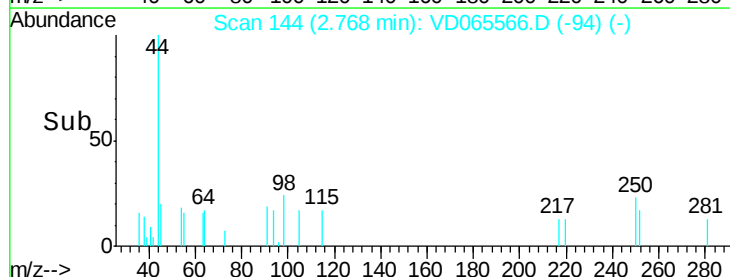
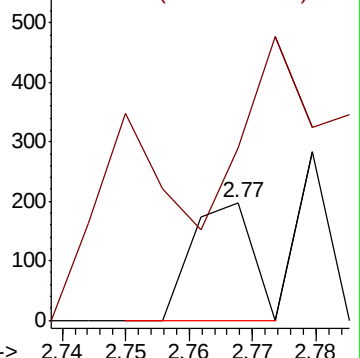
94 100

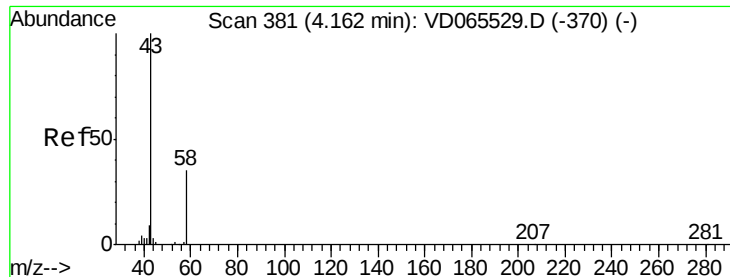
96 0.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC





#16

Acetone

Concen: 4.465 ug/l

RT: 4.18 min Scan# 384

Delta R.T. 0.02 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

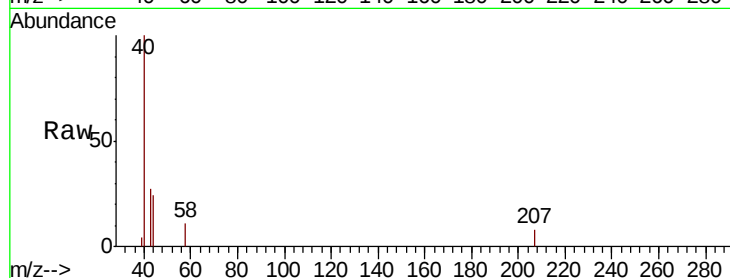
ClientSampleId :

Tot Ion: 43 Resp: 3293

Ion Ratio Lower Upper

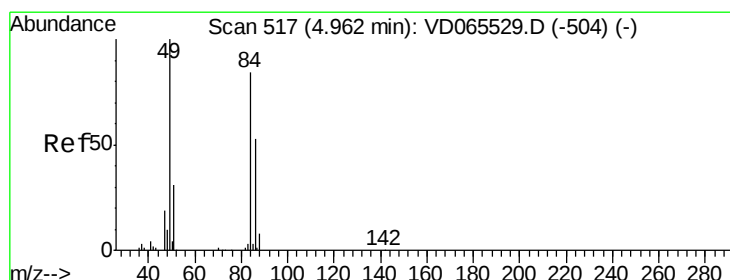
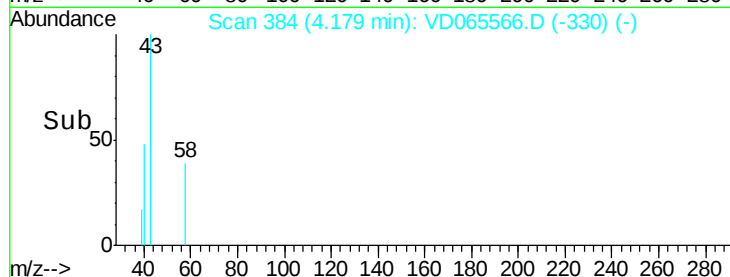
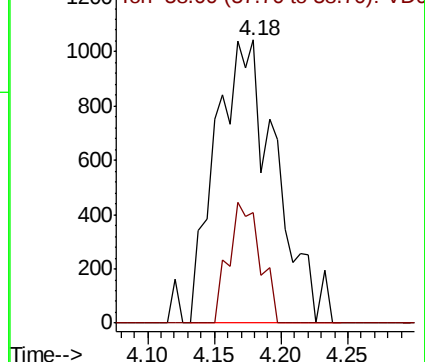
43 100

58 39.2 27.9 41.9



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#20

Methylene Chloride

Concen: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Tgt Ion: 84 Resp: 14491

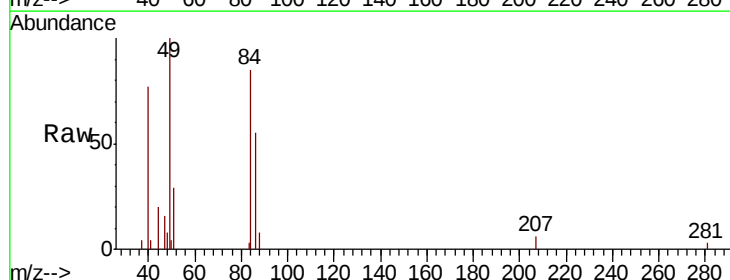
Ion Ratio Lower Upper

84 100

49 118.2 95.6 143.4

51 33.7 29.4 44.2

86 64.5 50.6 76.0

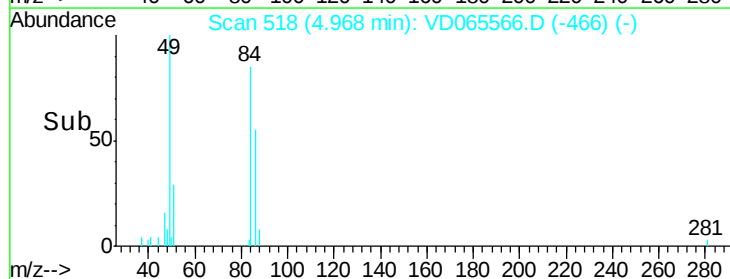
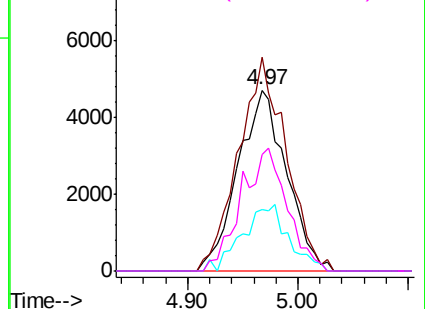


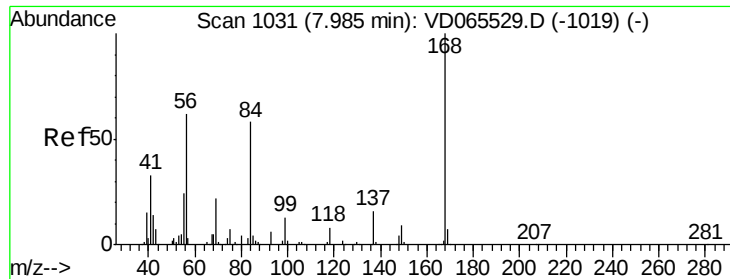
Abundance Ion 83.90 (83.60 to 84.60): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

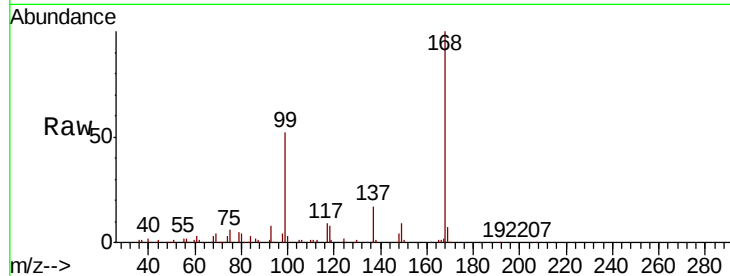




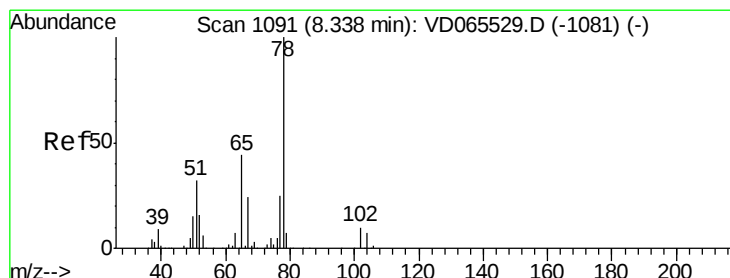
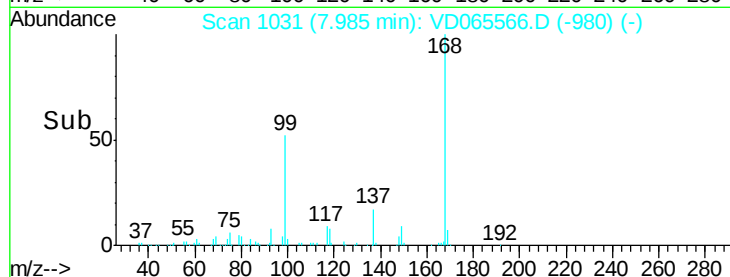
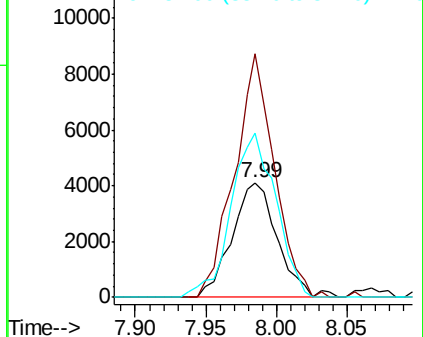
#31  
Cyclohexane  
Concen: 1.254 ug/l  
RT: 7.99 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Instrument :  
MSVOA\_D  
ClientSampled :

Tot Ion: 56 Resp: 9213  
Ion Ratio Lower Upper  
56 100  
69 212.9 28.2 42.4#  
84 143.9 73.4 110.0#

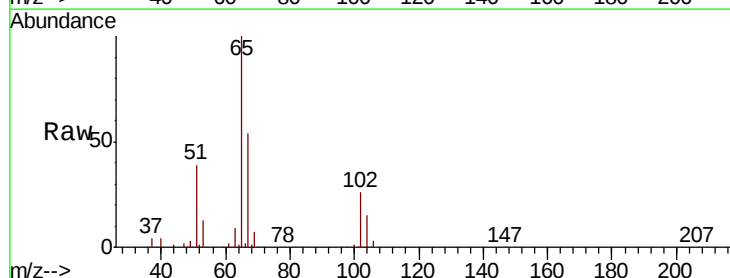


Abundance Ion 56.00 (55.70 to 56.70): VDC  
Ion 69.00 (68.70 to 69.70): VDC  
Ion 84.00 (83.70 to 84.70): VDC

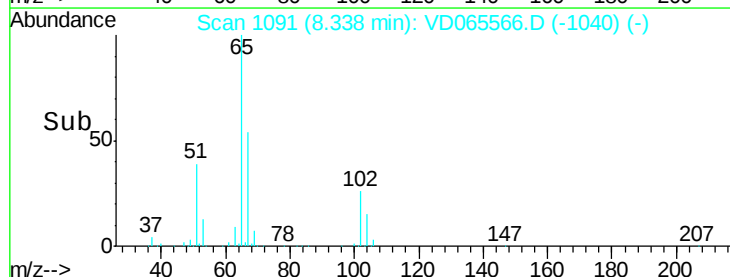
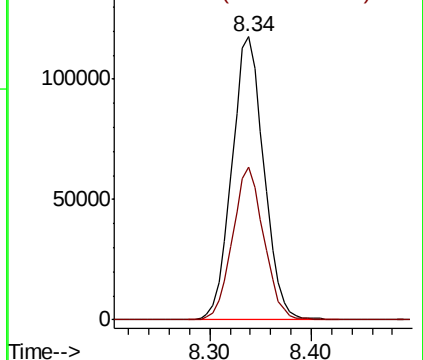


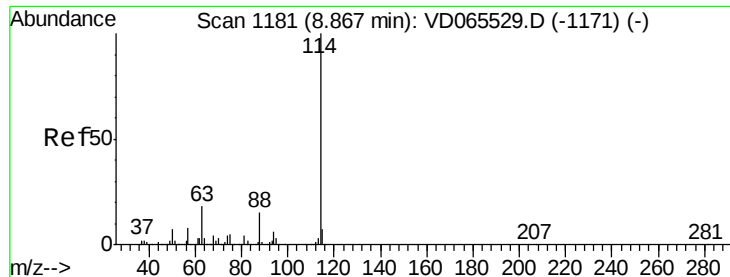
#33  
1,2-Dichloroethane-d4  
Concen: 66.084 ug/l  
RT: 8.34 min Scan# 1091  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion: 65 Resp: 258285  
Ion Ratio Lower Upper  
65 100  
67 52.6 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VDC  
Ion 66.90 (66.60 to 67.60): VDC

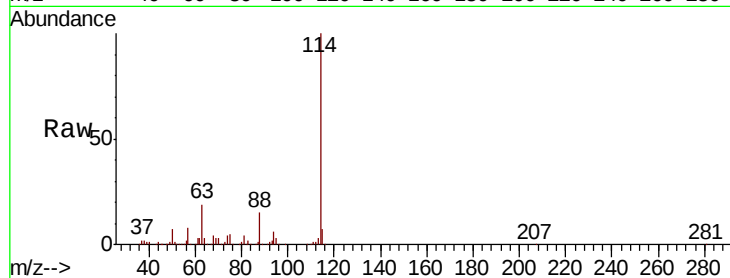




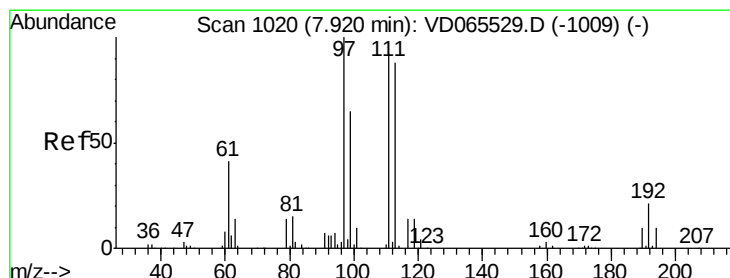
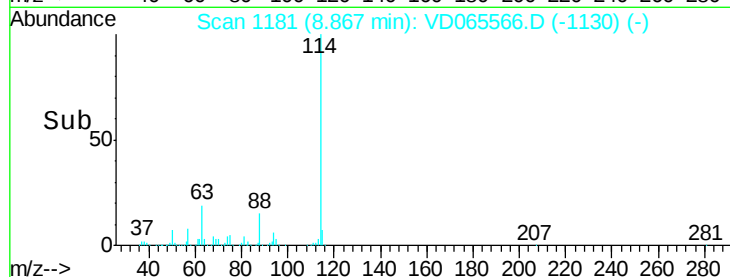
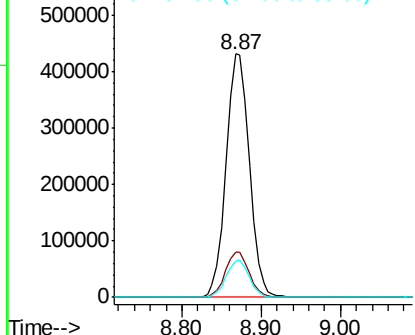
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.87 min Scan# 1181  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Instrument :  
MSVOA\_D  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.6  | 0.0   | 37.0  |
| 88      | 14.7  | 0.0   | 30.4  |

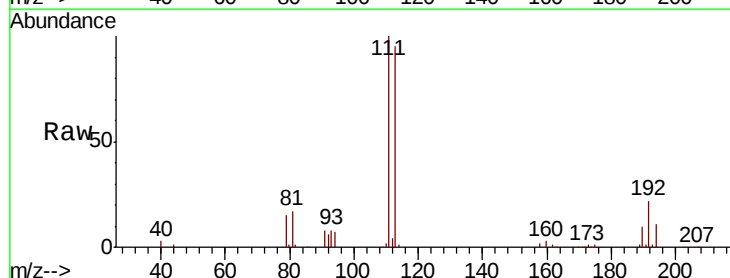


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VDC  
Ion 87.90 (87.60 to 88.60): VDC

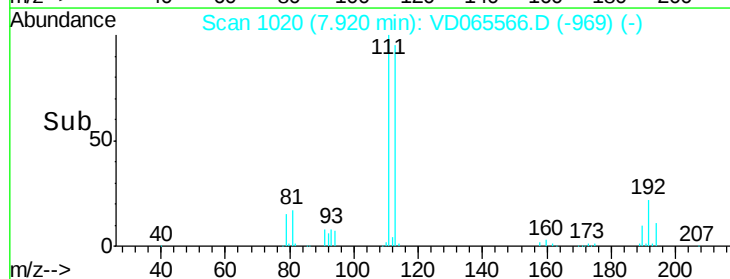
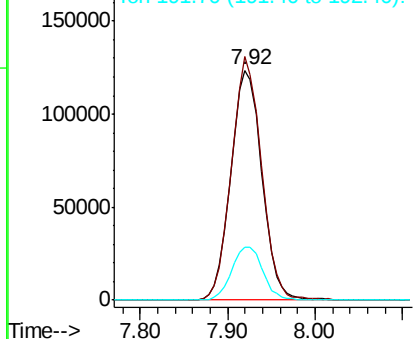


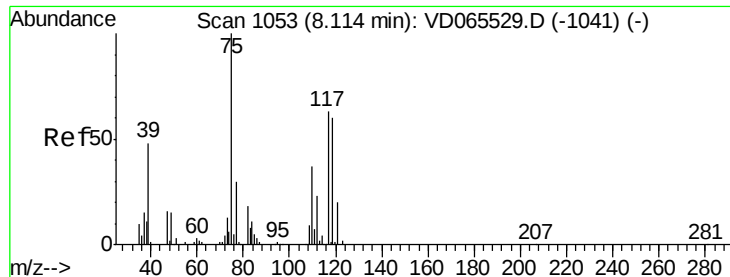
#35  
Dibromofluoromethane  
Concen: 54.961 ug/l  
RT: 7.92 min Scan# 1020  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.5 | 83.3  | 124.9 |
| 192     | 23.1  | 18.5  | 27.7  |



Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.984 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.14 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :  
MSVOA\_D  
ClientSampleId :

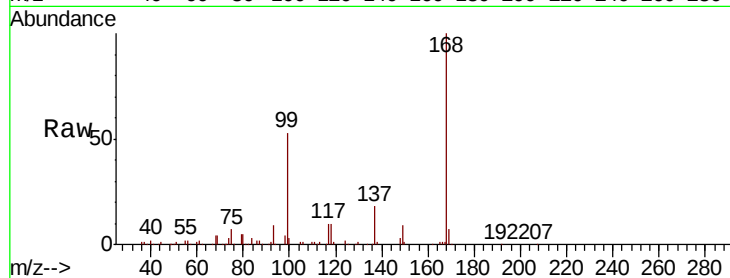
Tot Ion: 75 Resp: 31949

Ion Ratio Lower Upper

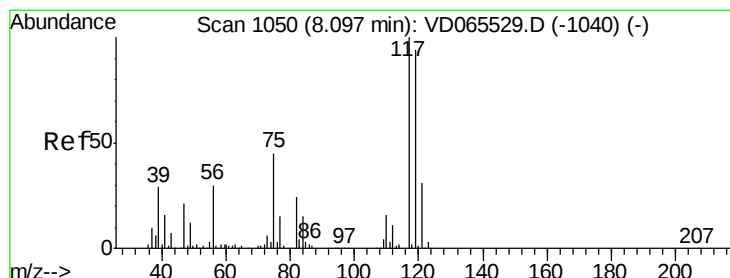
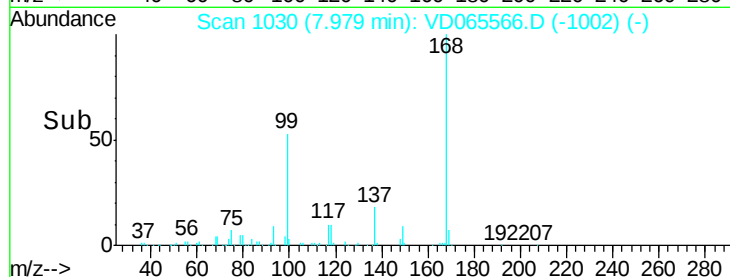
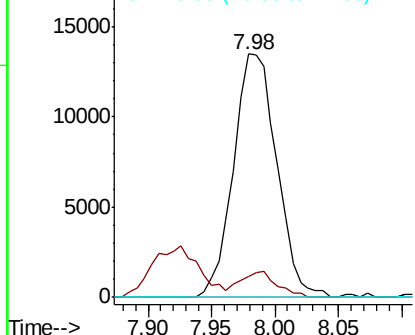
75 100

110 9.0 18.8 56.4#

77 0.0 25.1 37.7#



Abundance Ion 74.90 (74.60 to 75.60): V  
Ion 109.90 (109.60 to 110.60): V  
Ion 76.90 (76.60 to 77.60): V



#38

Carbon Tetrachloride

Concen: 5.141 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. -0.11 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

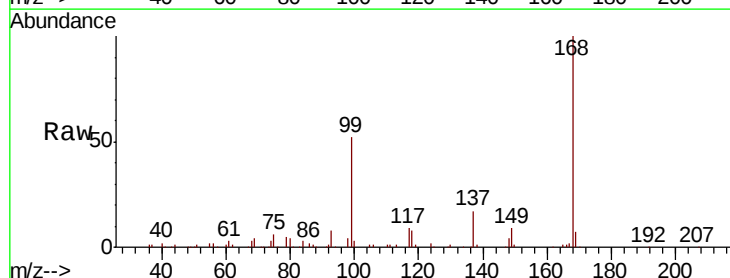
Tgt Ion: 117 Resp: 43418

Ion Ratio Lower Upper

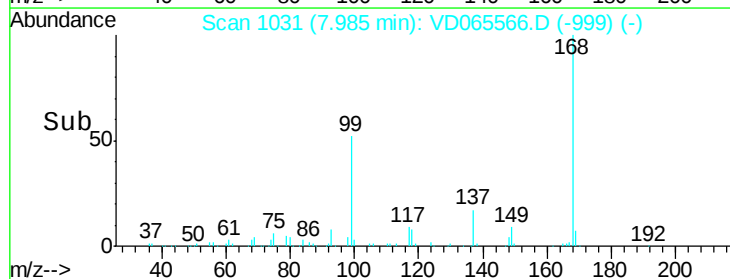
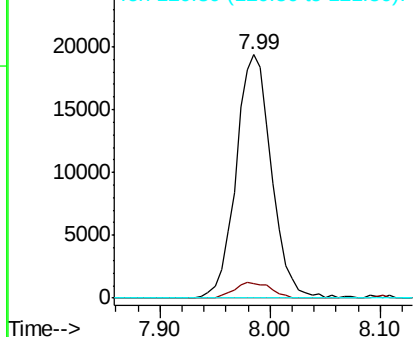
117 100

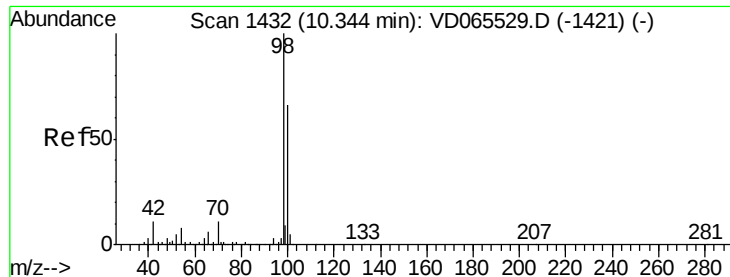
119 6.0 75.2 112.8#

121 0.0 24.5 36.7#



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

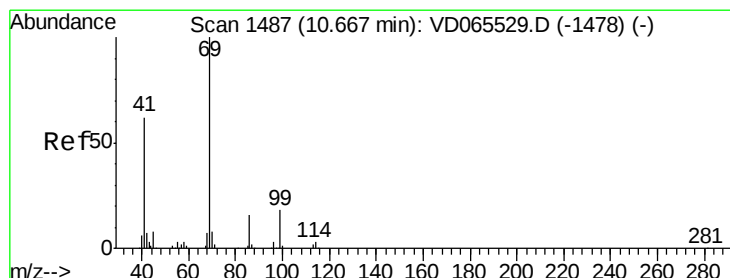
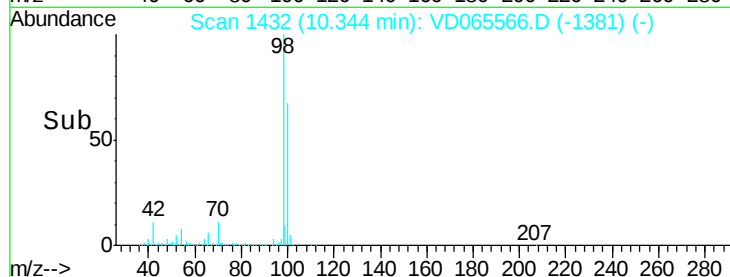
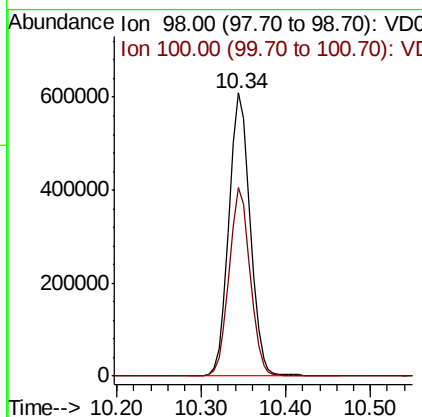
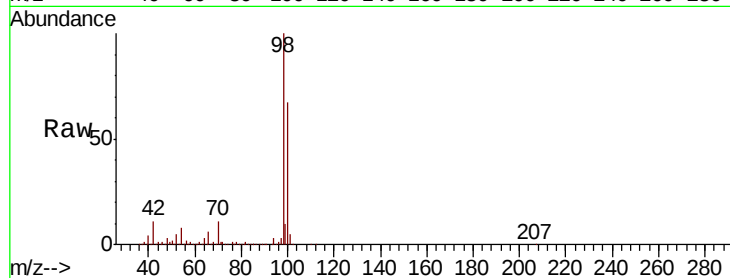




#50  
Toluene-d8  
Concen: 51.724 ug/l  
RT: 10.34 min Scan# 1432  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

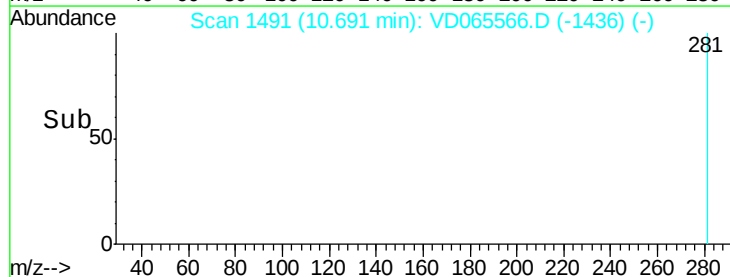
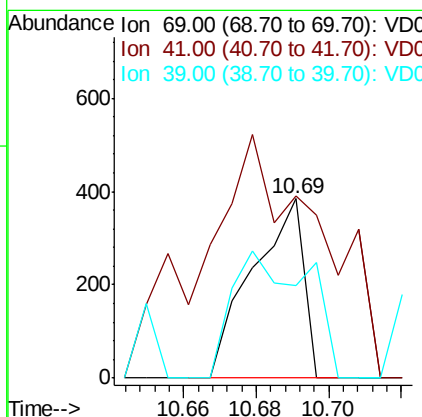
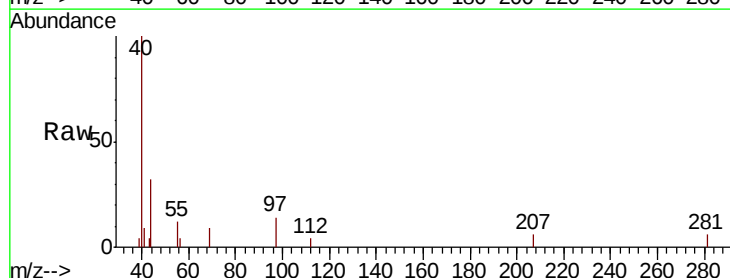
Instrument :  
MSVOA\_D  
ClientSampleId :

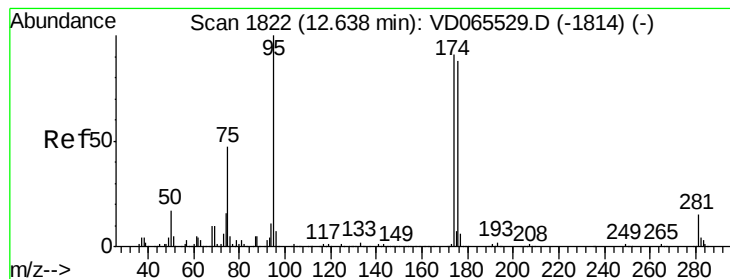
Tot Ion: 98 Resp: 1052028  
Ion Ratio Lower Upper  
98 100  
100 65.9 52.2 78.2



#56  
Ethyl methacrylate  
Concen: 3.362 ug/l  
RT: 10.69 min Scan# 1491  
Delta R.T. 0.02 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion: 69 Resp: 378  
Ion Ratio Lower Upper  
69 100  
41 314.8 51.3 76.9#  
39 104.0 25.3 37.9#





#62

4-Bromofluorobenzene

Concen: 56.020 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

ClientSampleId :

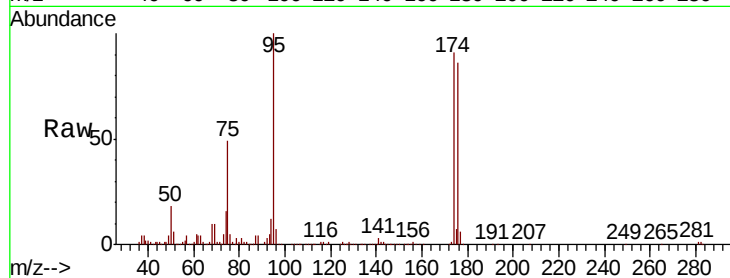
Tot Ion: 95 Resp: 361635

Ion Ratio Lower Upper

95 100

174 91.7 0.0 183.8

176 88.7 0.0 178.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.64

200000

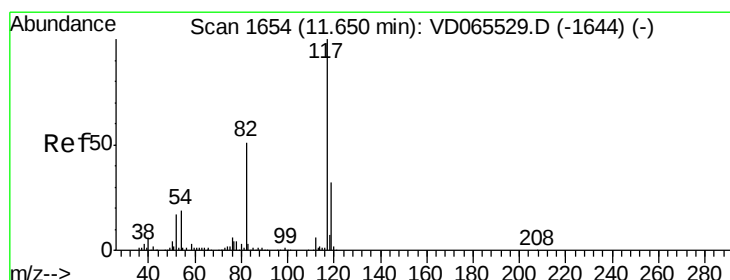
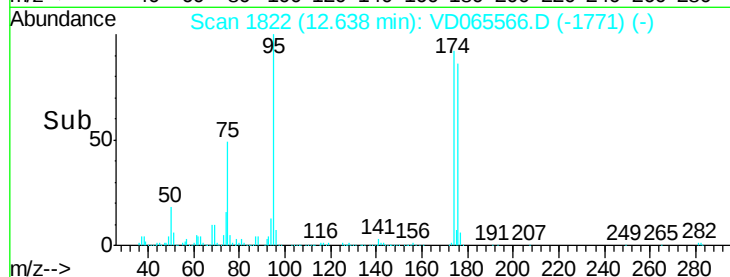
150000

100000

50000

0

Time--> 12.55 12.60 12.65 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

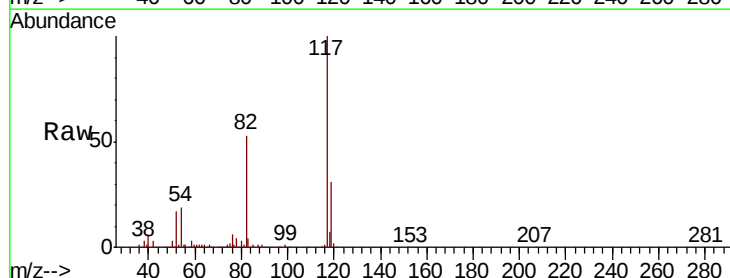
Tgt Ion: 117 Resp: 841725

Ion Ratio Lower Upper

117 100

82 52.5 41.0 61.6

119 30.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V

11.65

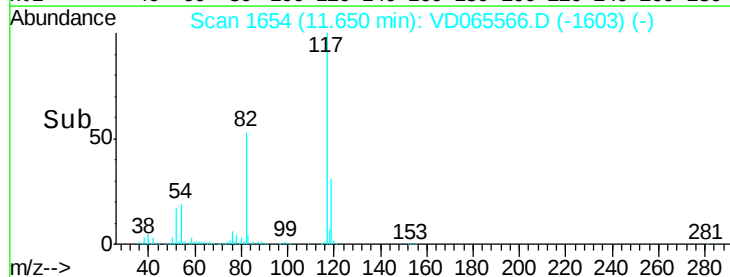
600000

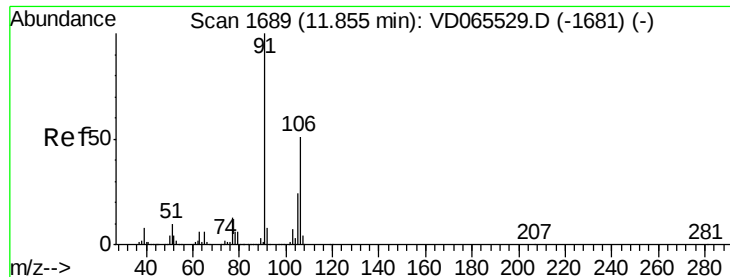
400000

200000

0

Time--> 11.60 11.70 11.80

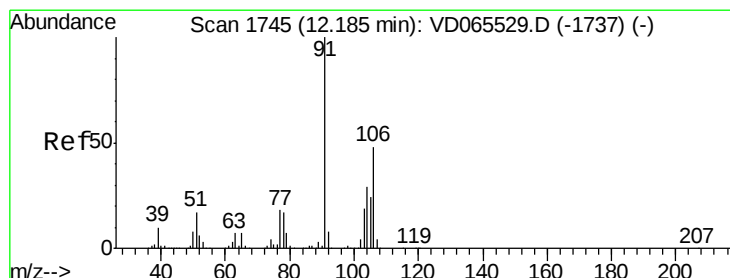
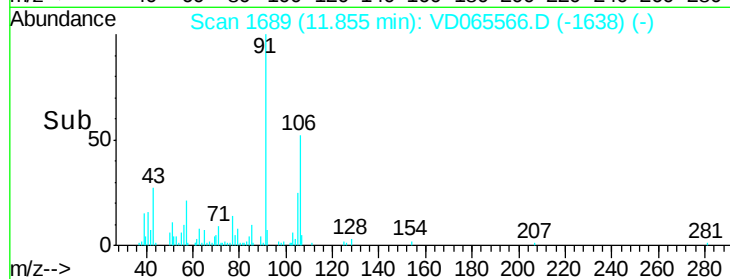
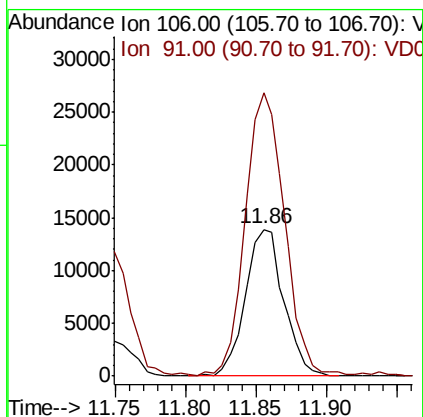
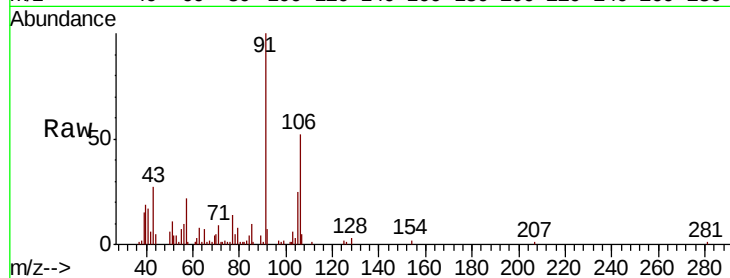




#68  
m/p-Xylenes  
Concen: 2.435 ug/l  
RT: 11.86 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

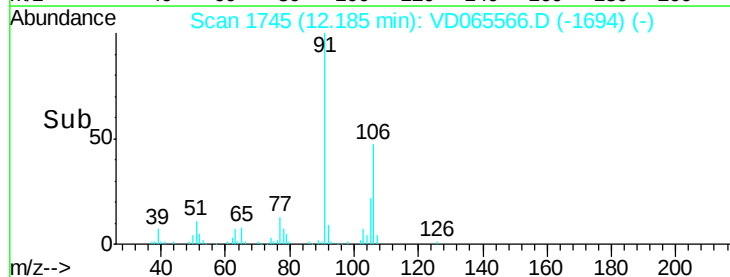
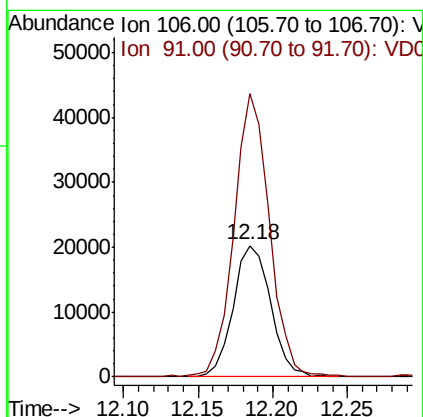
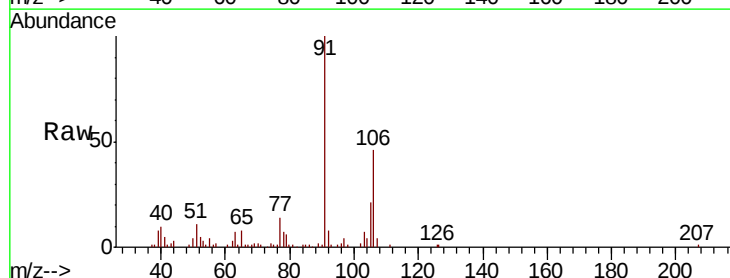
Instrument :  
MSVOA\_D  
ClientSampleId :

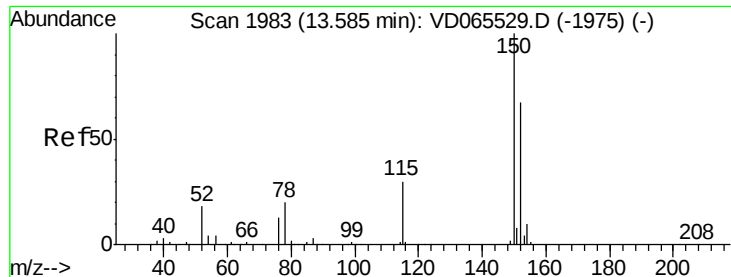
Tot Ion:106 Resp: 26496  
Ion Ratio Lower Upper  
106 100  
91 198.3 155.4 233.0



#69  
o-Xylene  
Concen: 3.701 ug/l  
RT: 12.18 min Scan# 1745  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion:106 Resp: 35274  
Ion Ratio Lower Upper  
106 100  
91 204.5 102.8 308.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

ClientSampleId :

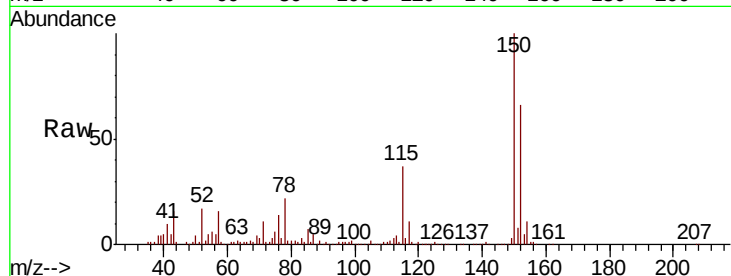
Tot Ion:152 Resp: 378382

Ion Ratio Lower Upper

152 100

115 60.1 27.2 81.6

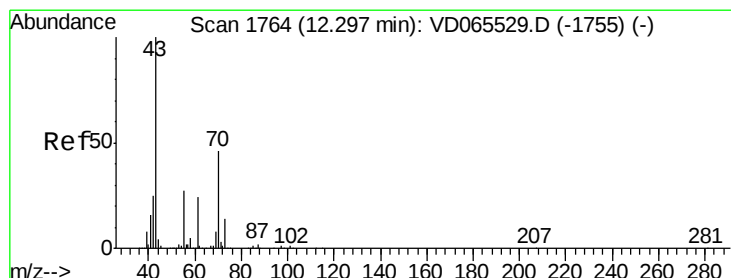
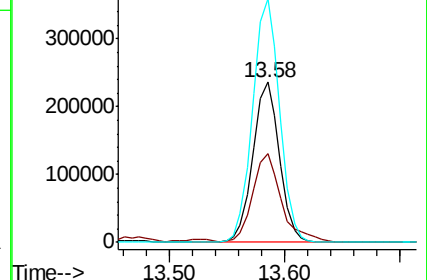
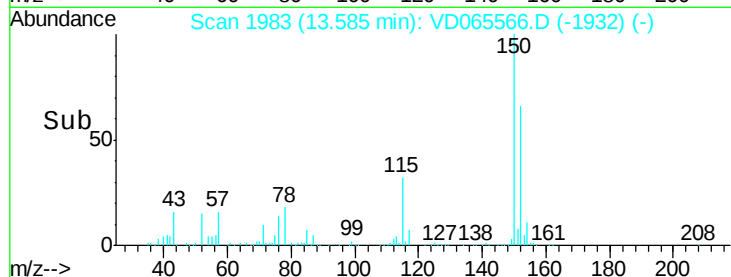
150 154.4 0.0 340.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.292 ug/l

RT: 12.28 min Scan# 1761

Delta R.T. -0.02 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Tgt Ion: 43 Resp: 5925

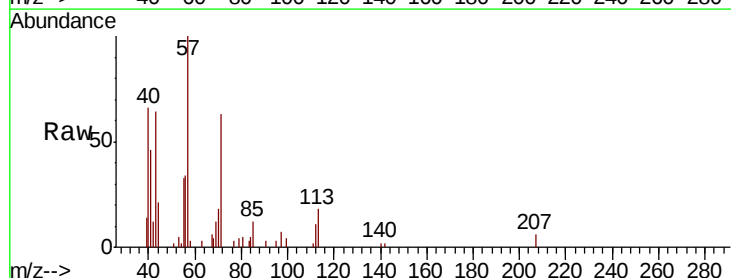
Ion Ratio Lower Upper

43 100

70 48.4 36.2 54.2

55 29.9 22.2 33.4

61 0.0 19.5 29.3#

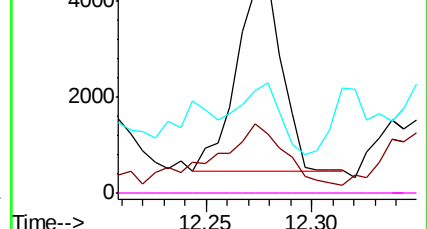
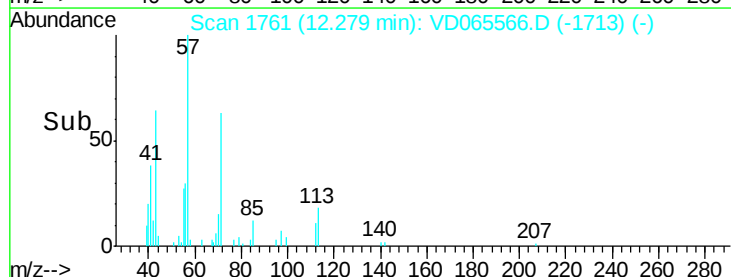


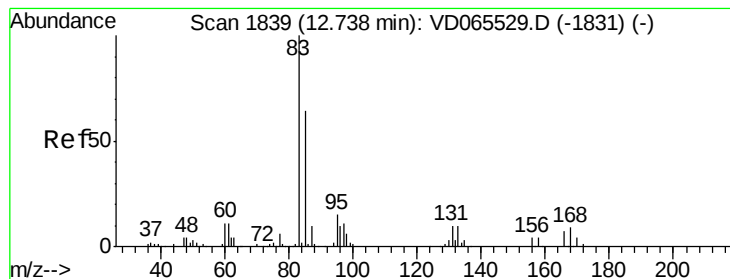
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 1.155 ug/l

RT: 12.80 min Scan# 1850

Delta R.T. 0.06 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

ClientSampled :

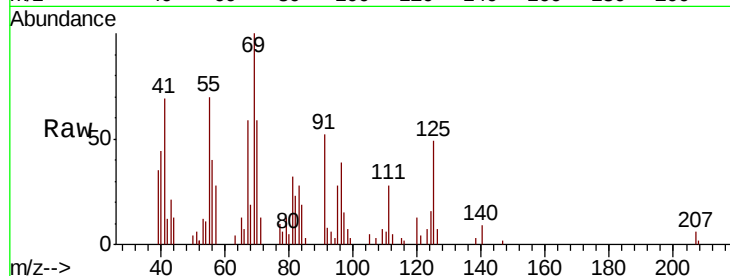
Tot Ion: 83 Resp: 4663

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

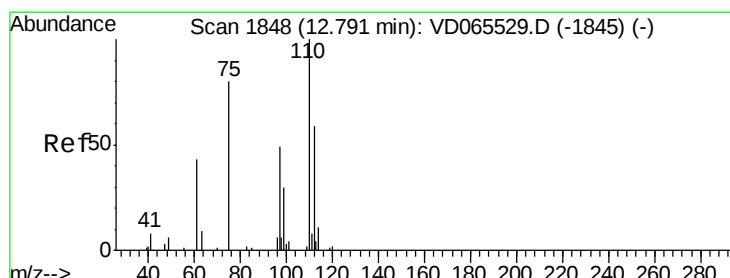
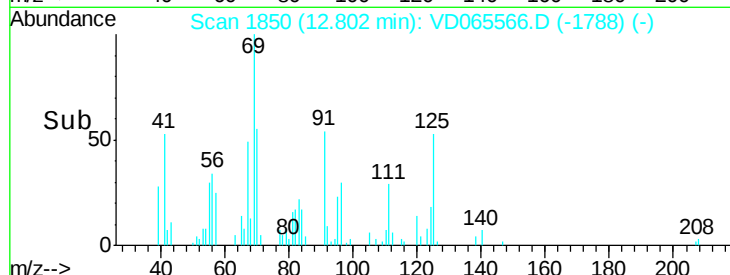
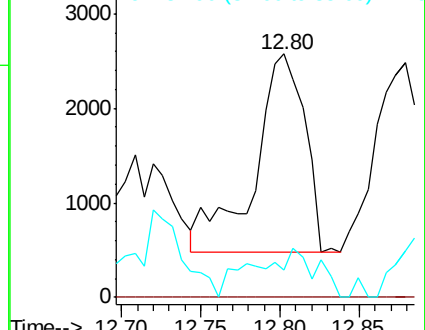
85 0.0 32.6 98.0#



Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 130.80 (130.50 to 131.50): VDC

Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 60.428 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD065566.D

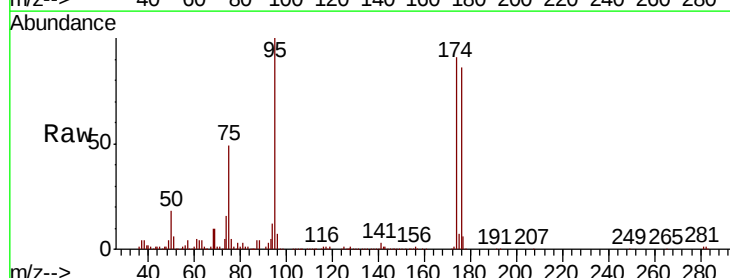
Acq: 31 Mar 2020 15:18

Tgt Ion: 75 Resp: 175787

Ion Ratio Lower Upper

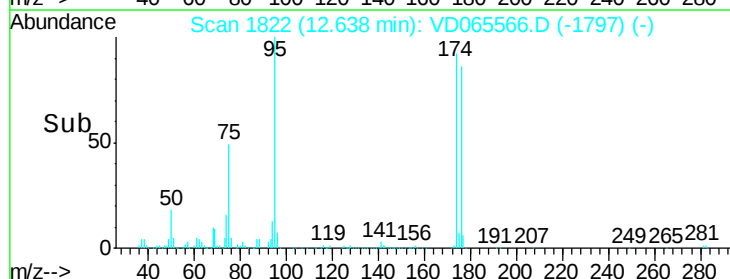
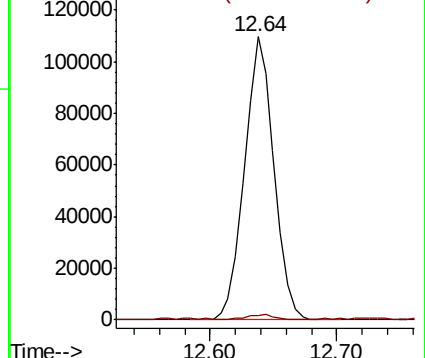
75 100

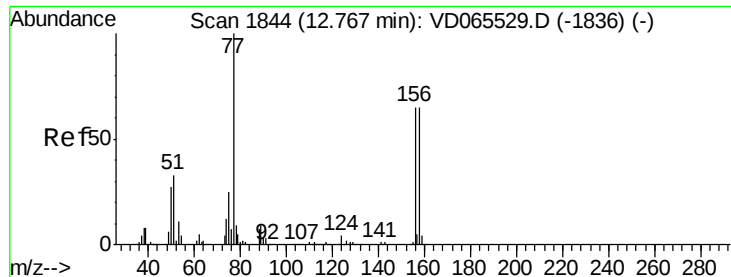
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 1.297 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.13 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

ClientSampleId :

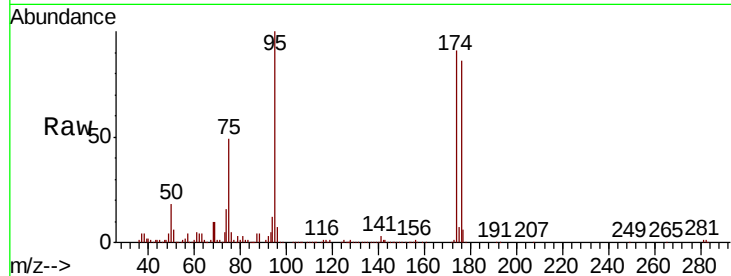
Tot Ion:156 Resp: 7873

Ion Ratio Lower Upper

156 100

77 31.4 81.8 245.3#

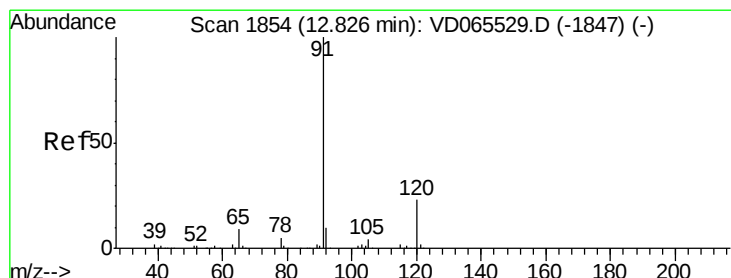
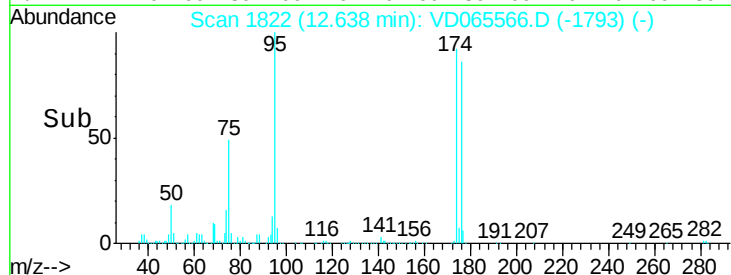
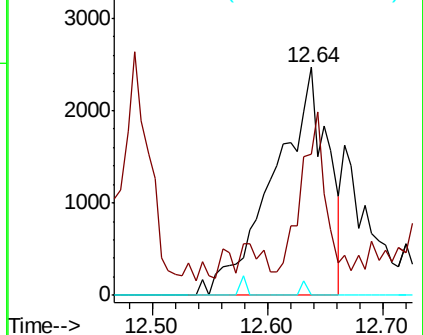
158 0.7 49.1 147.4#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.021 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD065566.D

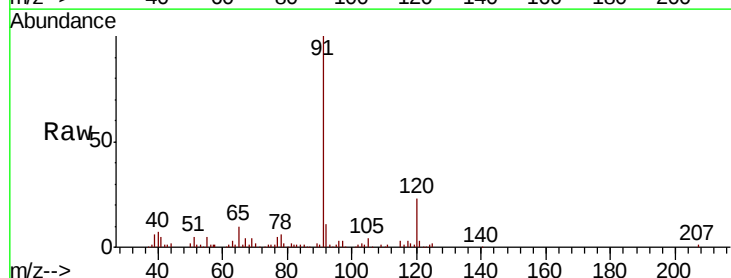
Acq: 31 Mar 2020 15:18

Tgt Ion: 91 Resp: 111349

Ion Ratio Lower Upper

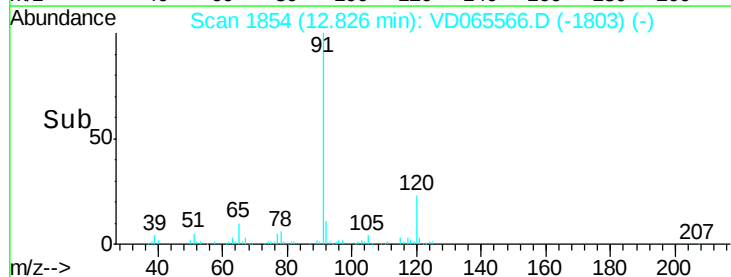
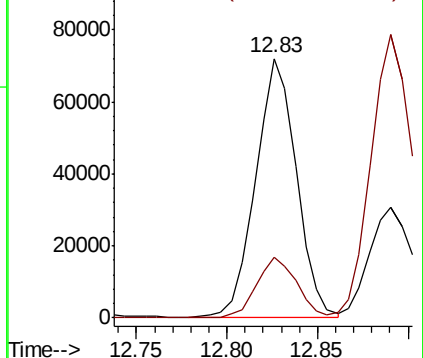
91 100

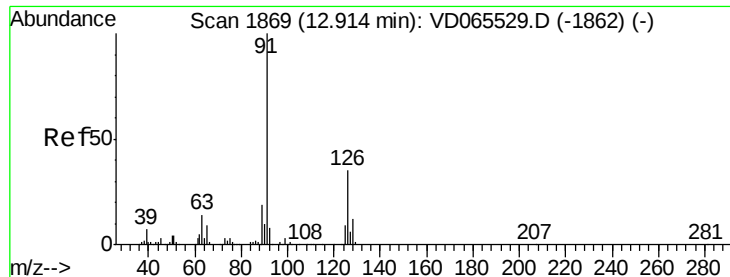
120 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V

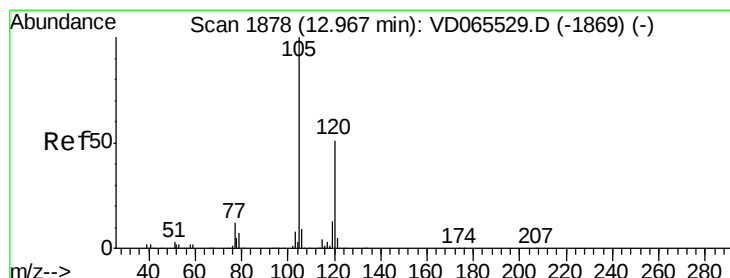
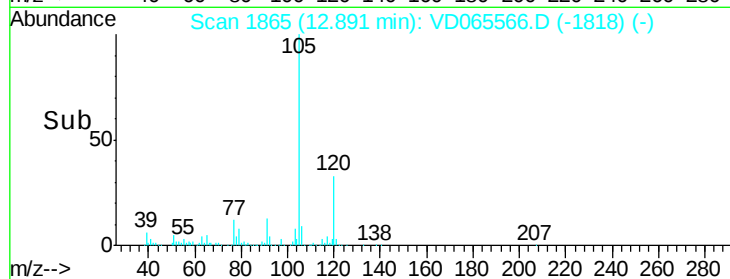
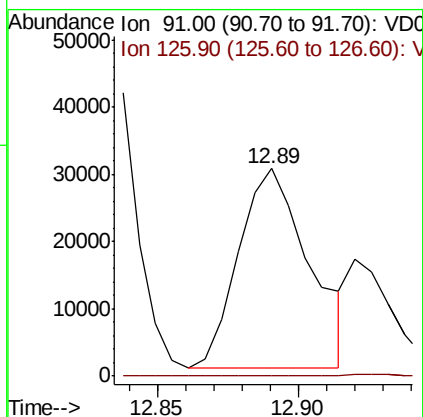
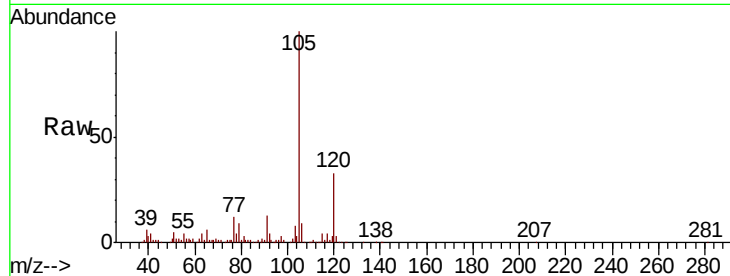




#79  
 2-Chlorotoluene  
 Concen: 3.237 ug/l  
 RT: 12.89 min Scan# 1865  
 Delta R.T. -0.02 min  
 Lab File: VD065566.D  
 Acq: 31 Mar 2020 15:18

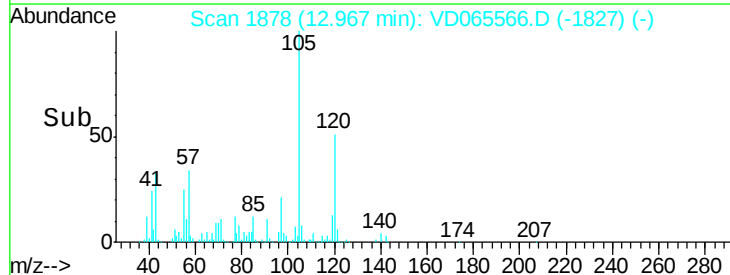
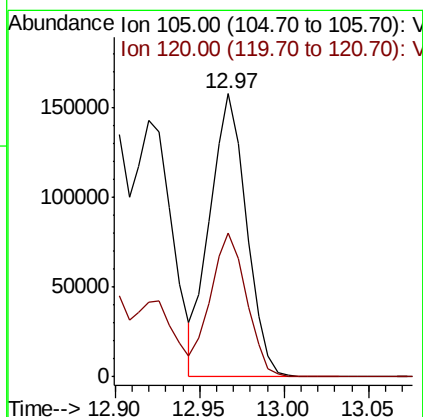
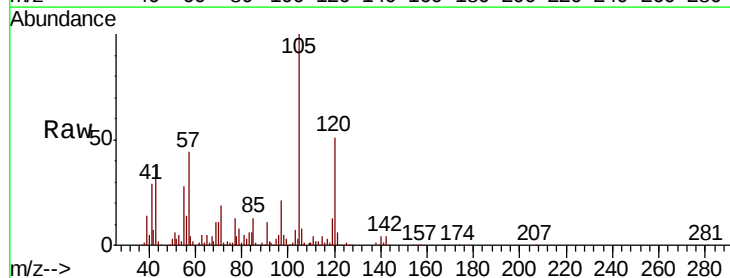
Instrument :  
 MSVOA\_D  
 ClientSampleId :

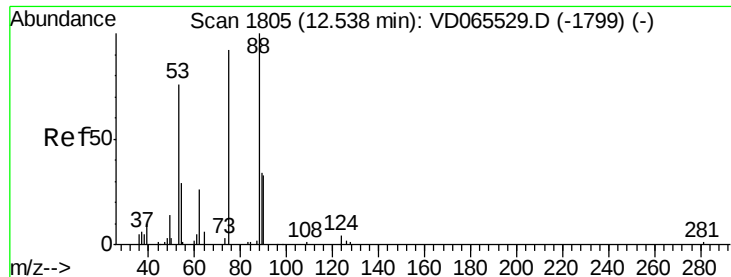
Tot Ion: 91 Resp: 51149  
 Ion Ratio Lower Upper  
 91 100  
 126 0.0 17.8 53.4#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 12.342 ug/l  
 RT: 12.97 min Scan# 1878  
 Delta R.T. 0.00 min  
 Lab File: VD065566.D  
 Acq: 31 Mar 2020 15:18

Tgt Ion: 105 Resp: 237682  
 Ion Ratio Lower Upper  
 105 100  
 120 50.4 25.6 76.6

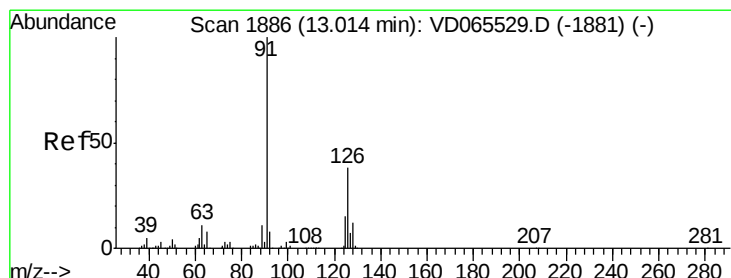
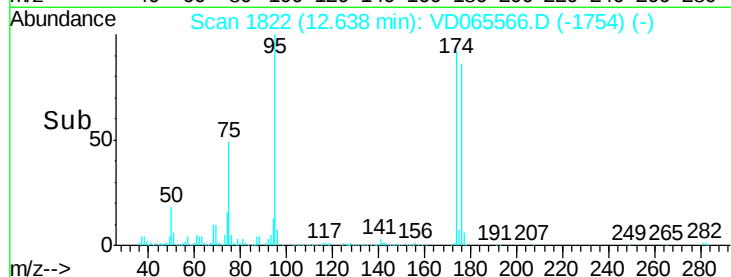
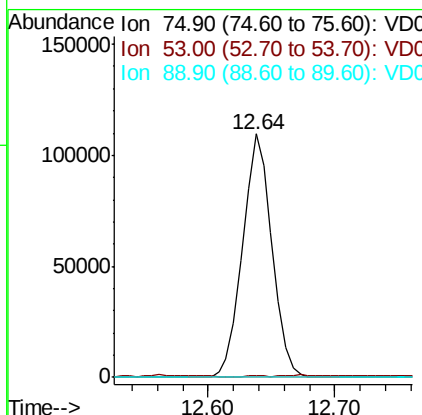
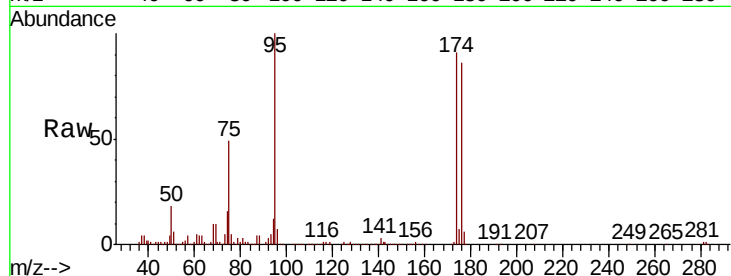




#81  
trans-1,4-Dichloro-2-butene  
Concen: 134.887 ug/l  
RT: 12.64 min Scan# 1822  
Delta R.T. 0.10 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

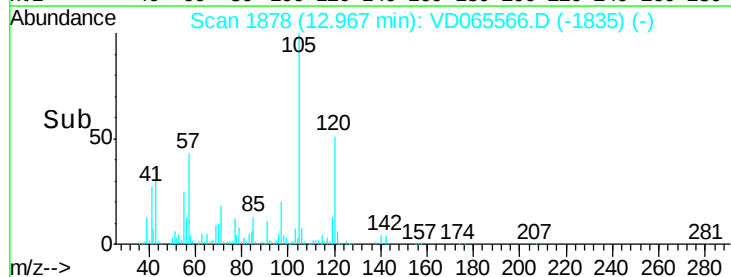
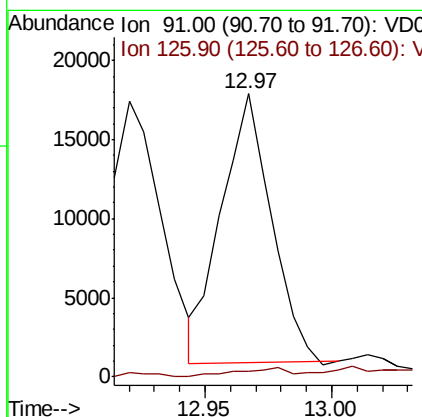
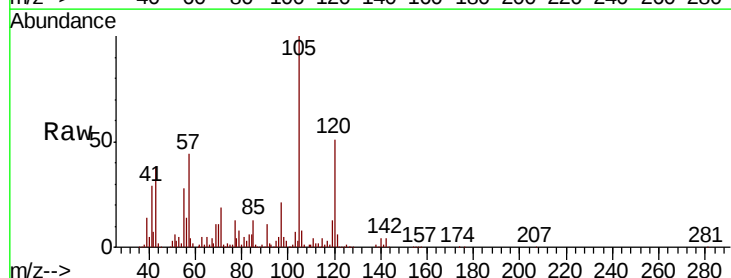
Instrument :  
MSVOA\_D  
ClientSampled :

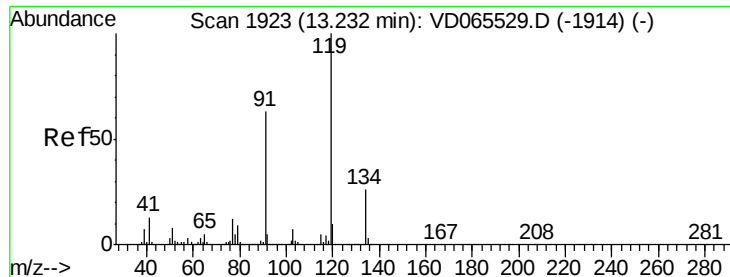
Tot Ion: 75 Resp: 175787  
Ion Ratio Lower Upper  
75 100  
53 0.0 72.4 108.6#  
89 0.1 36.9 55.3#



#82  
4-Chlorotoluene  
Concen: 1.382 ug/l  
RT: 12.97 min Scan# 1878  
Delta R.T. -0.05 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion: 91 Resp: 23198  
Ion Ratio Lower Upper  
91 100  
126 4.4 17.9 53.7#

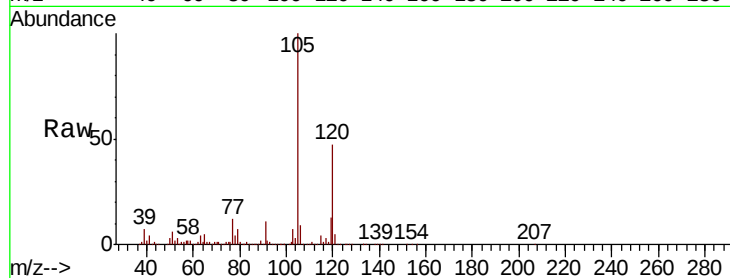




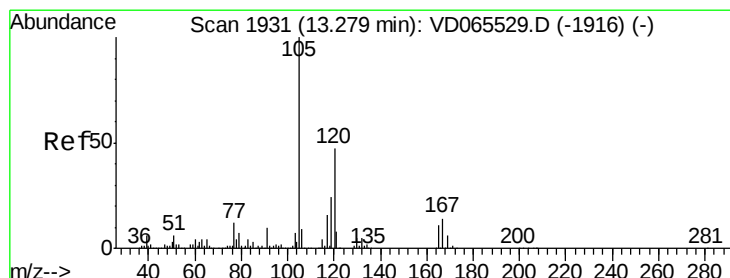
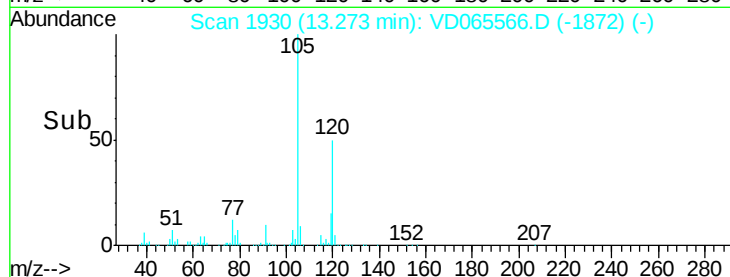
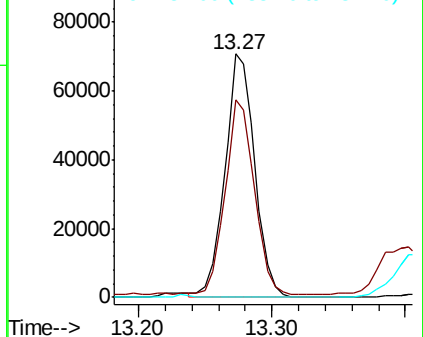
#83  
tert-Butylbenzene  
Concen: 6.853 ug/l  
RT: 13.27 min Scan# 1930  
Delta R.T. 0.04 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Instrument :  
MSVOA\_D  
ClientSampleId :

Tot Ion:119 Resp: 110529  
Ion Ratio Lower Upper  
119 100  
91 77.8 31.4 94.0  
134 0.0 13.9 41.6#

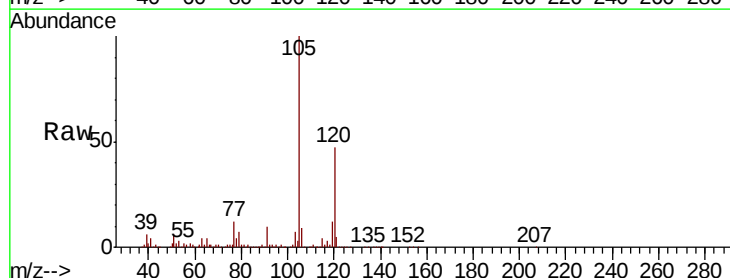


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): V  
Ion 134.00 (133.70 to 134.70): V

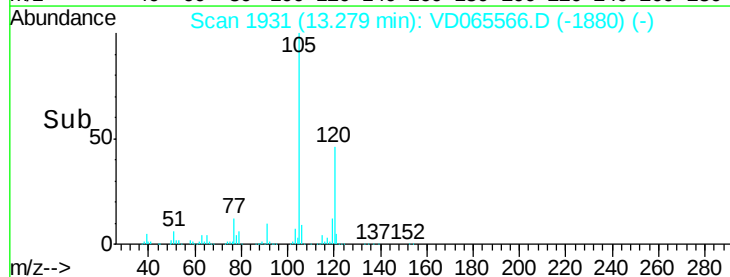
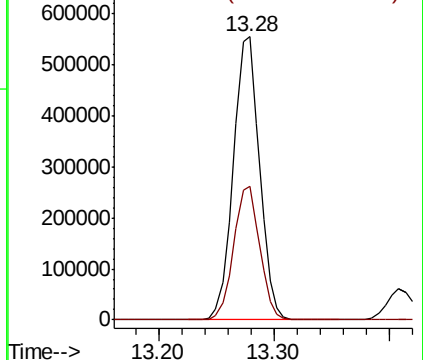


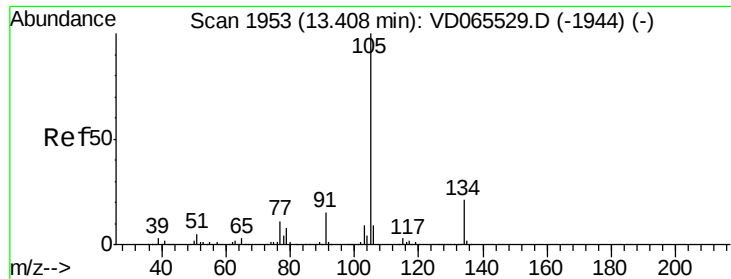
#84  
1,2,4-Trimethylbenzene  
Concen: 45.142 ug/l  
RT: 13.28 min Scan# 1931  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion:105 Resp: 869089  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.5 70.5



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.064 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

Instrument :

MSVOA\_D

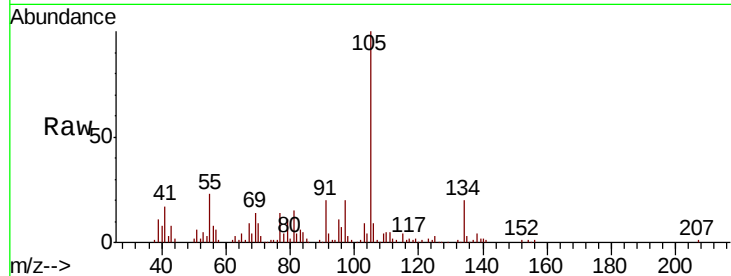
ClientSampleId :

Tot Ion:105 Resp: 93801

Ion Ratio Lower Upper

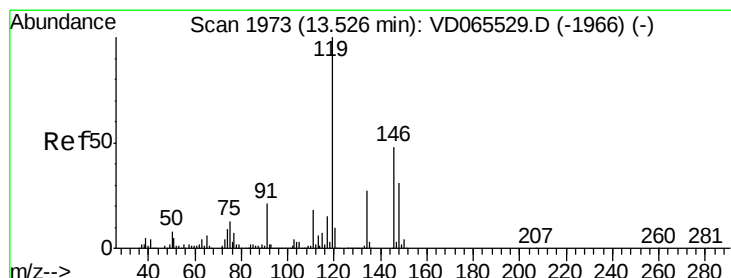
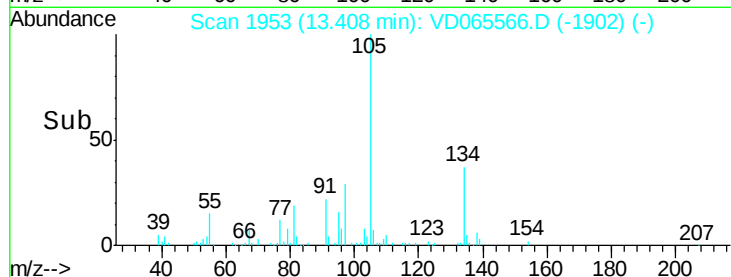
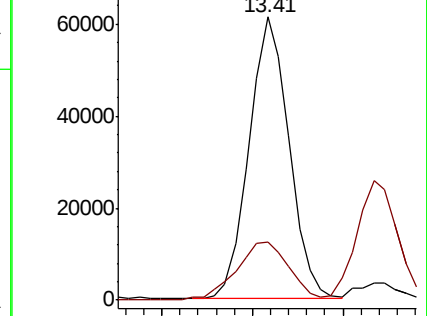
105 100

134 27.2 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 3.415 ug/l

RT: 13.53 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VD065566.D

Acq: 31 Mar 2020 15:18

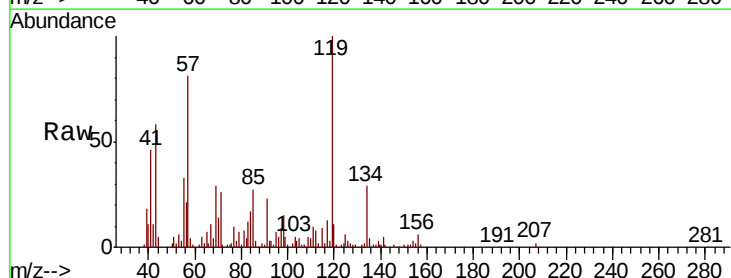
Tgt Ion:119 Resp: 72629

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.5

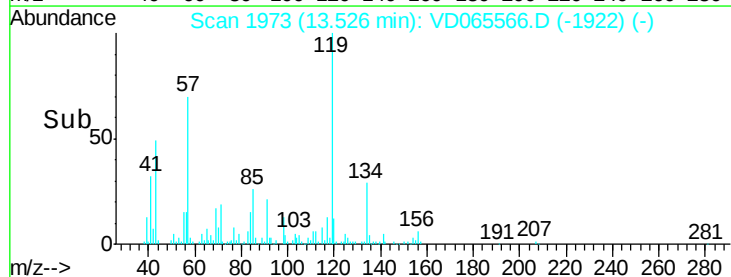
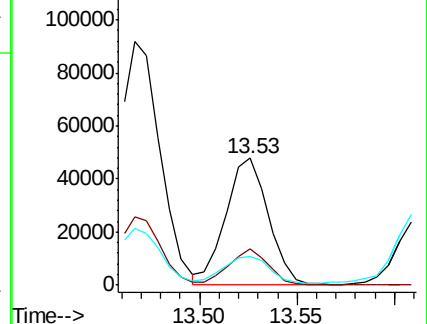
91 22.0 10.8 32.3

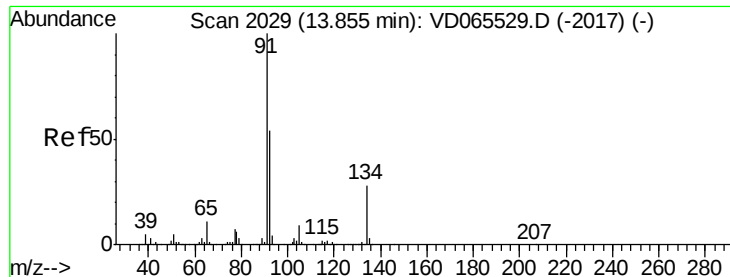


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

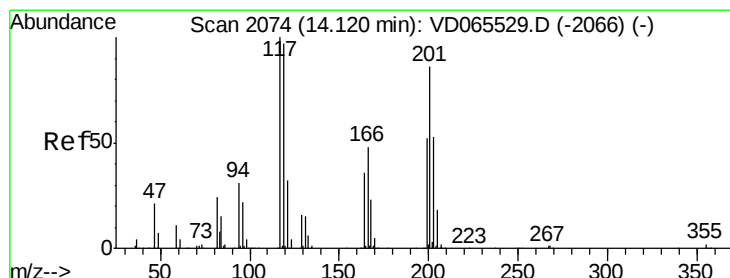
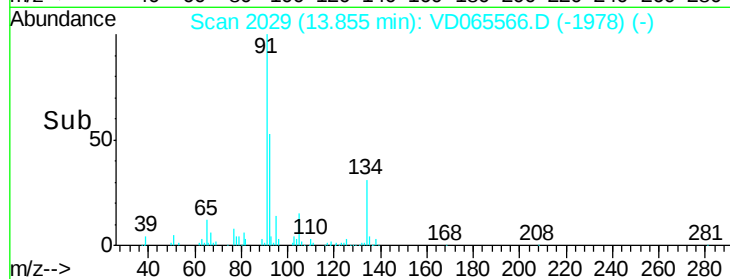
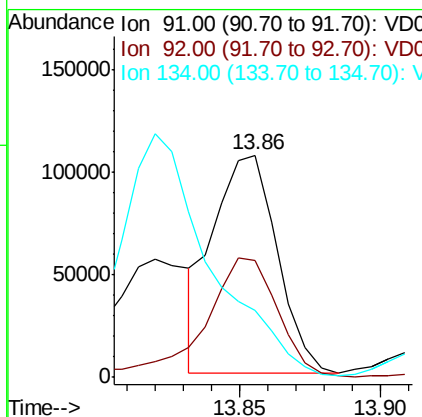
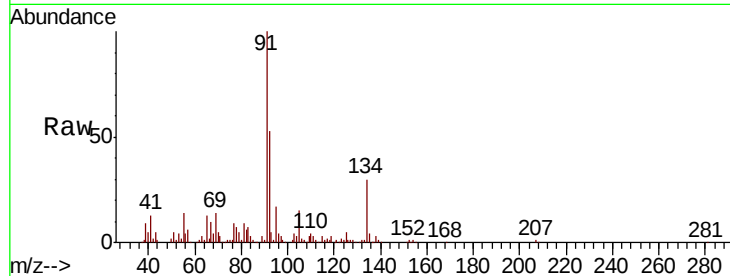




#89  
n-Butylbenzene  
Concen: 8.588 ug/l  
RT: 13.86 min Scan# 2029  
Delta R.T. 0.00 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

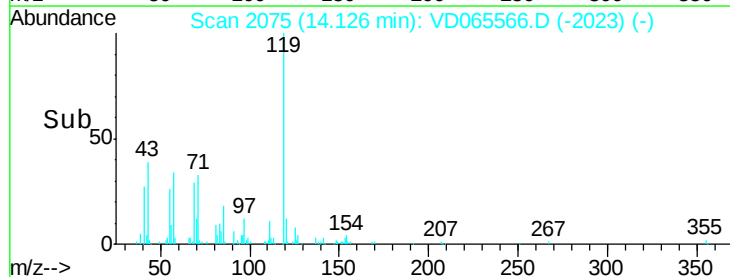
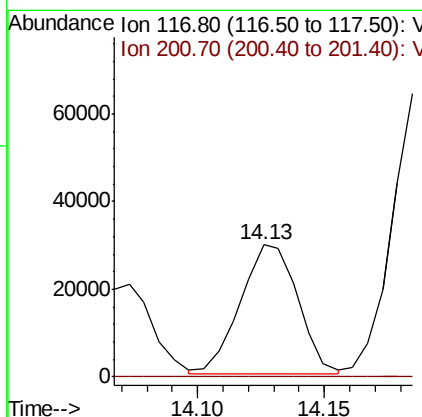
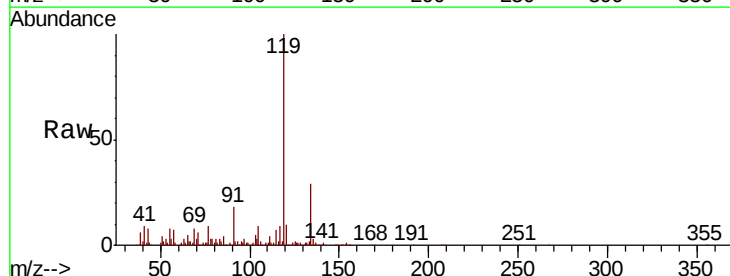
Instrument :  
MSVOA\_D  
ClientSampleId :

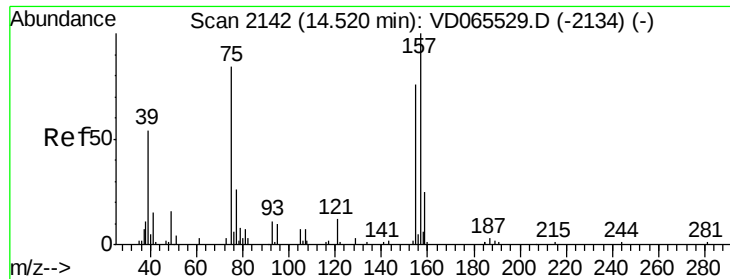
Tot Ion: 91 Resp: 165873  
Ion Ratio Lower Upper  
91 100  
92 60.8 26.8 80.4  
134 0.0 13.7 41.0#



#90  
Hexachloroethane  
Concen: 10.356 ug/l  
RT: 14.13 min Scan# 2075  
Delta R.T. 0.01 min  
Lab File: VD065566.D  
Acq: 31 Mar 2020 15:18

Tgt Ion: 117 Resp: 46191  
Ion Ratio Lower Upper  
117 100  
201 0.0 43.9 131.6#

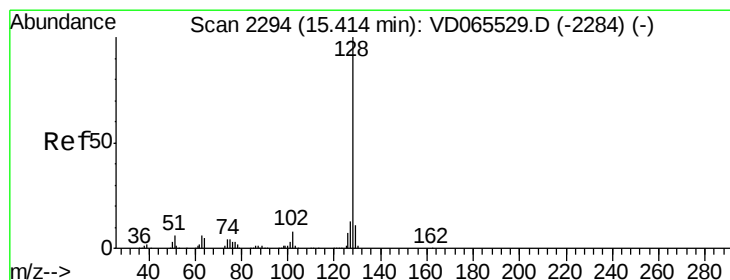
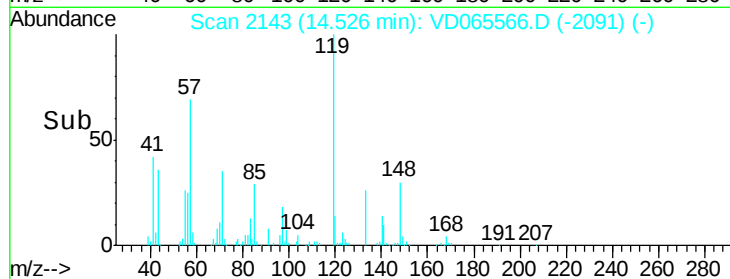
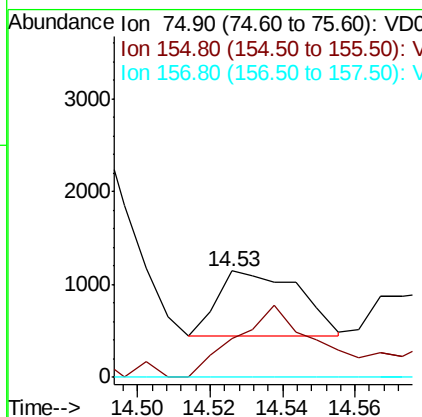
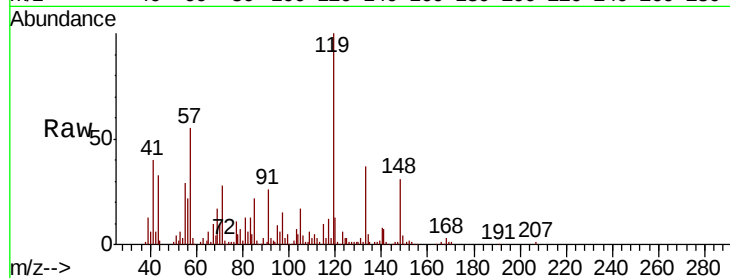




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 1.796 ug/l  
 RT: 14.53 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: VD065566.D  
 Acq: 31 Mar 2020 15:18

Instrument :  
 MSVOA\_D  
 ClientSampleId :

Tot Ion: 75 Resp: 1092  
 Ion Ratio Lower Upper  
 75 100  
 155 107.9 46.2 138.6  
 157 0.0 57.9 173.7#



#95  
 Naphthalene  
 Concen: 21.475 ug/l  
 RT: 15.41 min Scan# 2294  
 Delta R.T. 0.00 min  
 Lab File: VD065566.D  
 Acq: 31 Mar 2020 15:18

Tgt Ion: 128 Resp: 219438  
 Ion Ratio Lower Upper  
 128 100  
 127 16.1 10.4 15.6#  
 129 14.3 8.7 13.1#

