

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051721\  
 Data File : VY004803.D  
 Acq On : 17 May 2021 14:32  
 Operator : SY/MD  
 Sample : M2420-05  
 Misc : 5.08G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CONCESSION-CP-5

Quant Time: May 18 01:04:52 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 11 04:13:44 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.795  | 168  | 4066     | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.691  | 114  | 8101     | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.496 | 117  | 8203     | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.428 | 152  | 3405     | 50.00 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 4136     | 85.46    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 170.92%# |
| 35) Dibromofluoromethane    | 7.734  | 113   | 1812     | 40.86    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 81.72%   |
| 50) Toluene-d8              | 10.185 | 98    | 10420    | 52.01    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 104.02%  |
| 62) 4-Bromofluorobenzene    | 12.489 | 95    | 3517     | 52.01    | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 104.02%  |

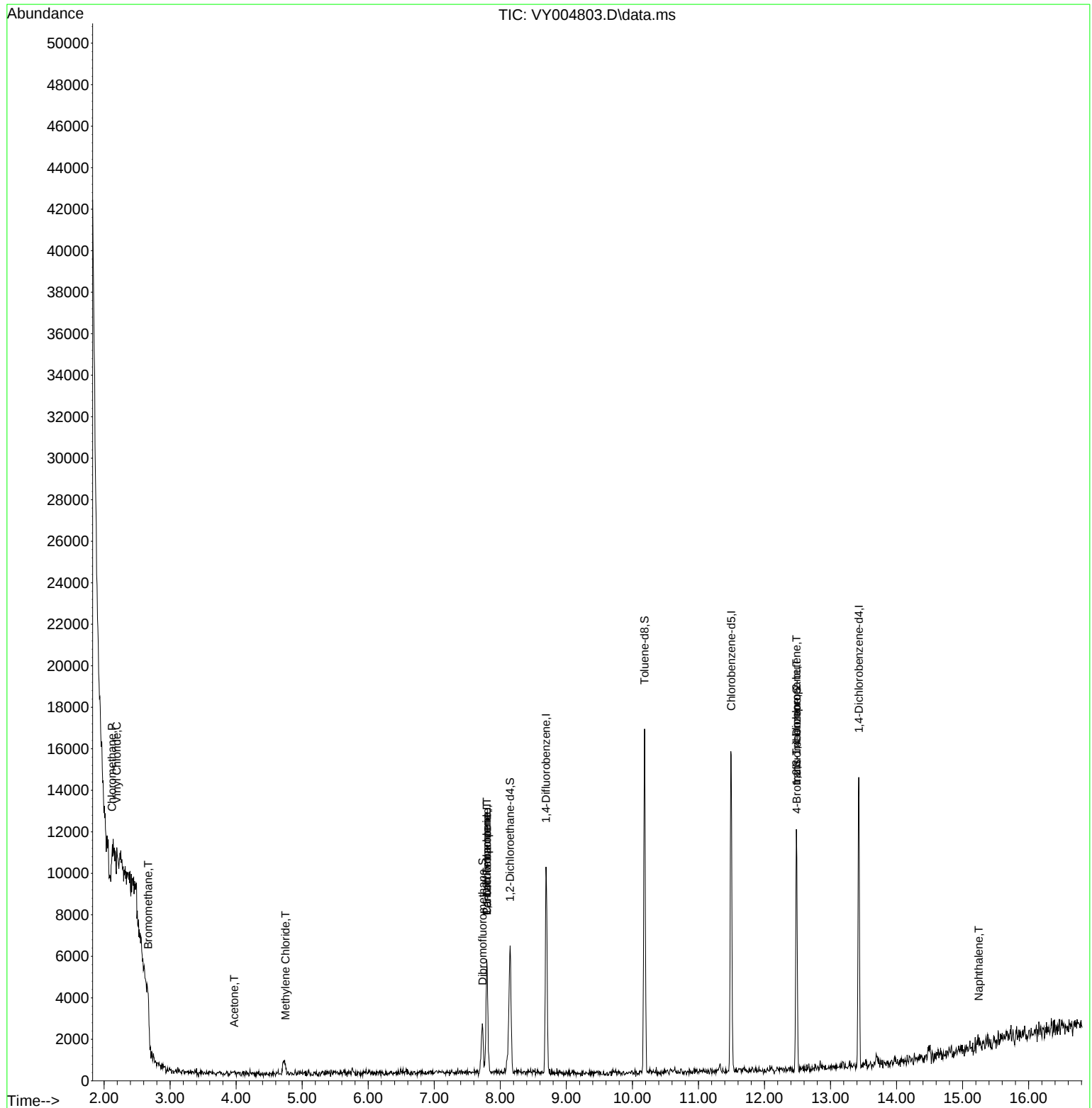
| Target Compounds              | R.T.   | QIon | Response | Conc  | Units  | Qvalue |
|-------------------------------|--------|------|----------|-------|--------|--------|
| 3) Chloromethane              | 2.119  | 50   | 330      | 5.47  | ug/l # | 43     |
| 4) Vinyl Chloride             | 2.192  | 62   | 216      | 3.50  | ug/l # | 43     |
| 5) Bromomethane               | 2.668  | 94   | 80       | 2.54  | ug/l # | 4      |
| 16) Acetone                   | 3.973  | 43   | 189      | 17.39 | ug/l # | 45     |
| 20) Methylene Chloride        | 4.747  | 84   | 512      | 1.96  | ug/l # | 36     |
| 36) 1,1-Dichloropropene       | 7.795  | 75   | 388      | 4.67  | ug/l # | 42     |
| 38) Carbon Tetrachloride      | 7.795  | 117  | 439      | 5.88  | ug/l # | 12     |
| 76) 1,2,3-Trichloropropane    | 12.483 | 75   | 1959     | 54.17 | ug/l # | 100    |
| 81) trans-1,4-Dichloro-2-b... | 12.483 | 75   | 1959     | 93.92 | ug/l # | 13     |
| 95) Naphthalene               | 15.245 | 128  | 191      | 1.37  | ug/l # | 69     |

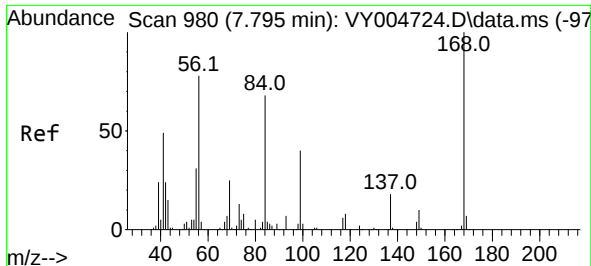
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY051721\  
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Sample : M2420-05  
Misc : 5.08G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

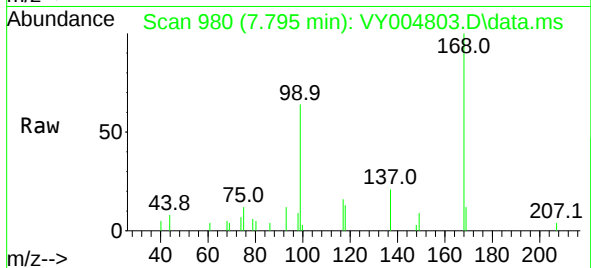
Quant Time: May 18 01:04:52 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y051021S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 11 04:13:44 2021  
Response via : Initial Calibration



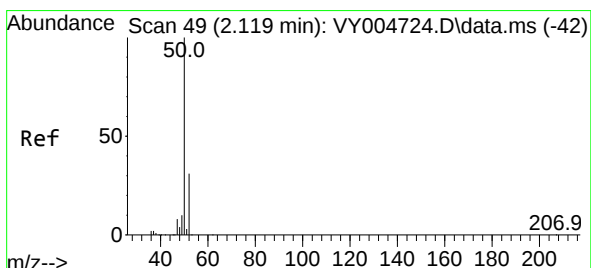
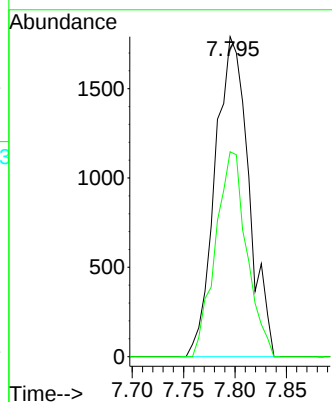
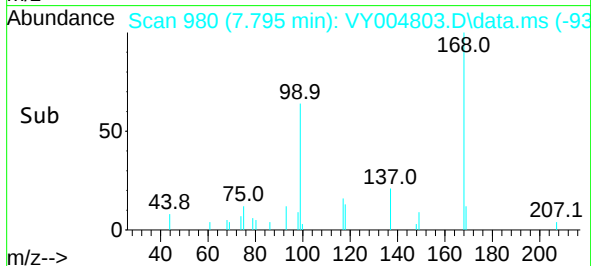


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.000 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

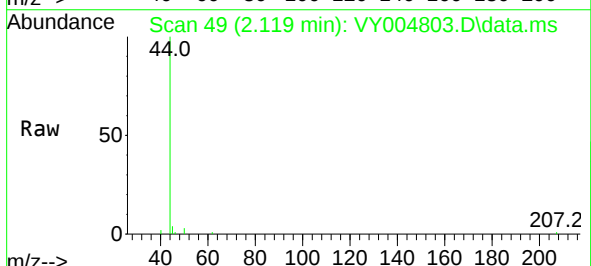
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5



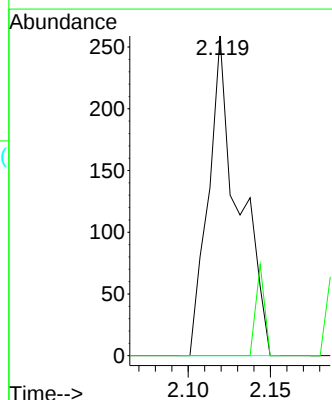
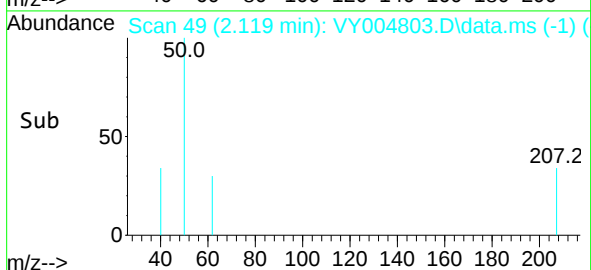
Tgt Ion:168 Resp: 4066  
Ion Ratio Lower Upper  
168 100  
99 64.0 45.6 68.4

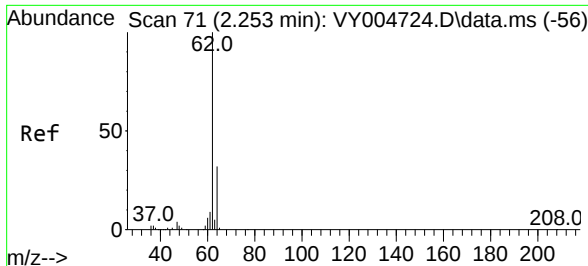


#3  
Chloromethane  
Concen: 5.47 ug/l  
RT: 2.119 min Scan# 49  
Delta R.T. 0.000 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32



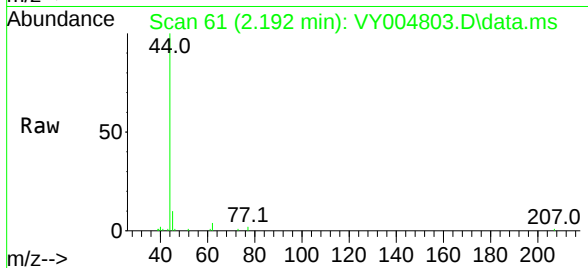
Tgt Ion: 50 Resp: 330  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.0 37.6#



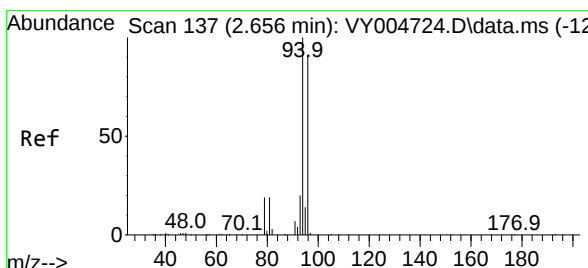
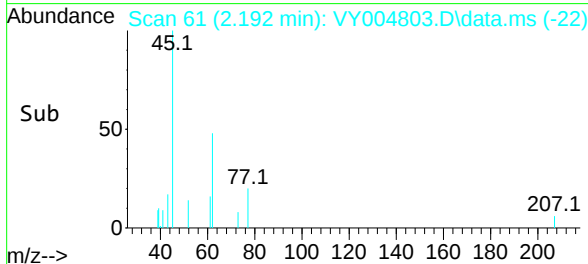


#4  
 Vinyl Chloride  
 Concen: 3.50 ug/l  
 RT: 2.192 min Scan# 61  
 Delta R.T. -0.061 min  
 Lab File: VY004803.D  
 Acq: 17 May 2021 14:32

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CONCESSION-CP-5

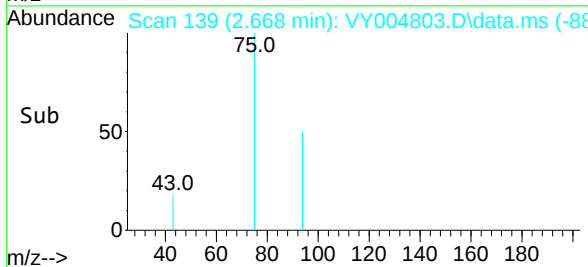
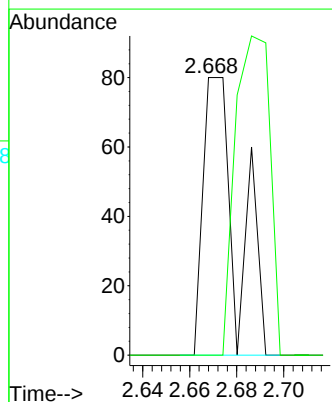
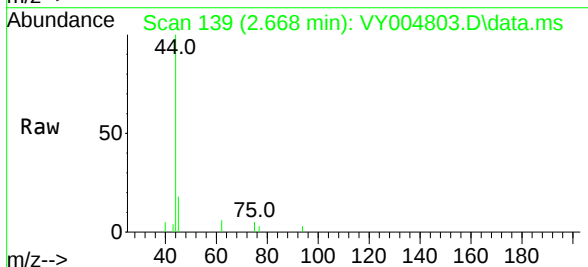


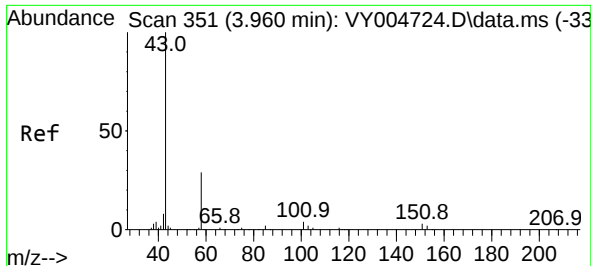
Tgt Ion: 62 Resp: 216  
 Ion Ratio Lower Upper  
 62 100  
 64 0.0 25.4 38.2#



#5  
 Bromomethane  
 Concen: 2.54 ug/l  
 RT: 2.668 min Scan# 139  
 Delta R.T. 0.012 min  
 Lab File: VY004803.D  
 Acq: 17 May 2021 14:32

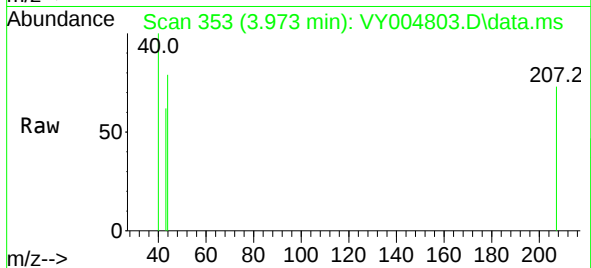
Tgt Ion: 94 Resp: 80  
 Ion Ratio Lower Upper  
 94 100  
 96 0.0 72.6 109.0#



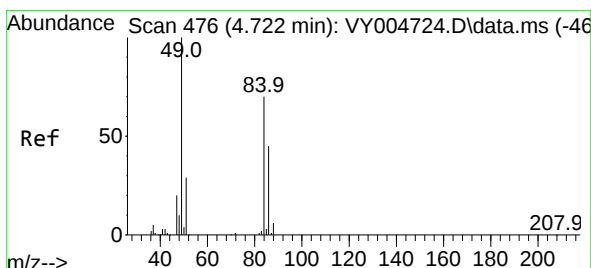
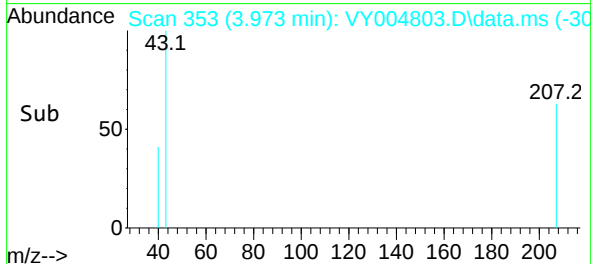
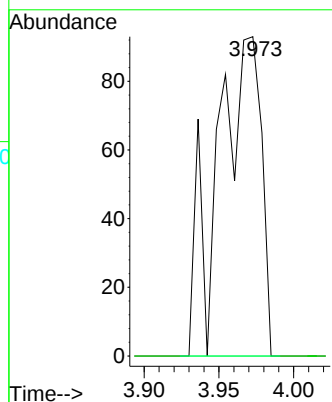


#16  
Acetone  
Concen: 17.39 ug/l  
RT: 3.973 min Scan# 353  
Delta R.T. 0.012 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

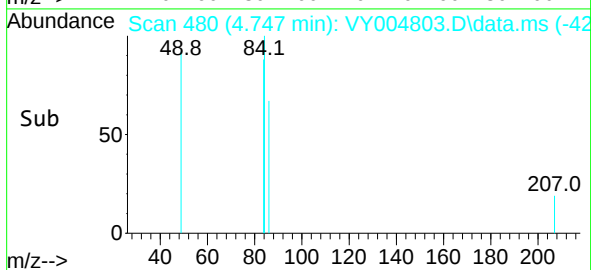
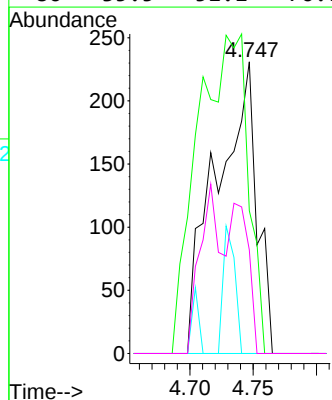
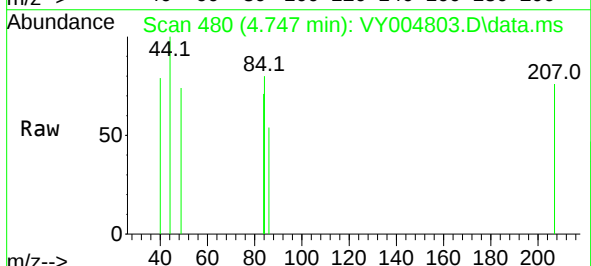


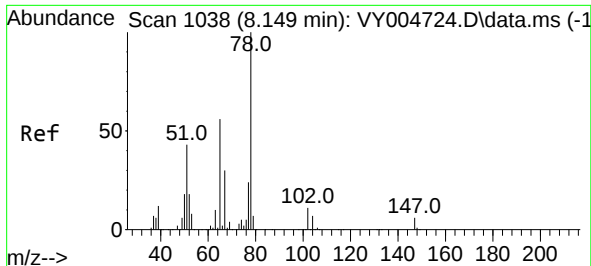
Tgt Ion: 43 Resp: 189  
Ion Ratio Lower Upper  
43 100  
58 0.0 23.6 35.4#



#20  
Methylene Chloride  
Concen: 1.96 ug/l  
RT: 4.747 min Scan# 480  
Delta R.T. 0.025 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Tgt Ion: 84 Resp: 512  
Ion Ratio Lower Upper  
84 100  
49 48.9 113.8 170.8#  
51 0.0 33.5 50.3#  
86 35.5 51.1 76.7#

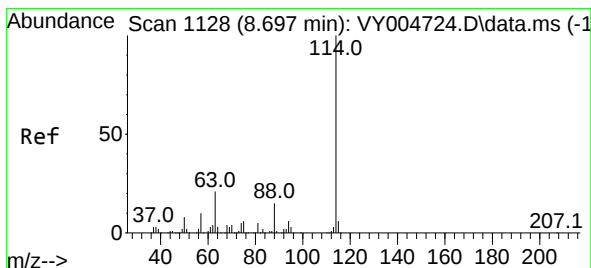
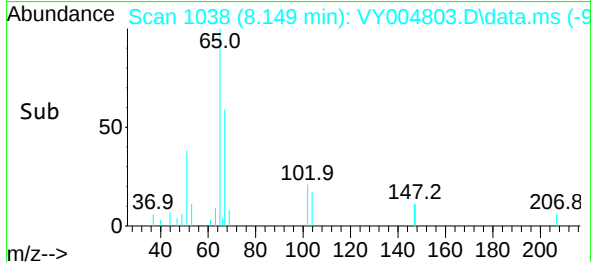
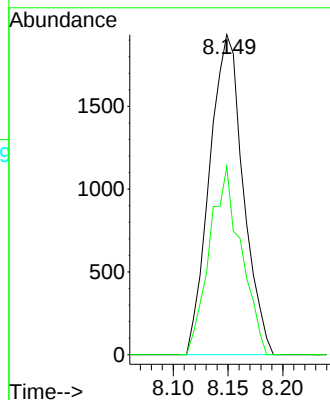
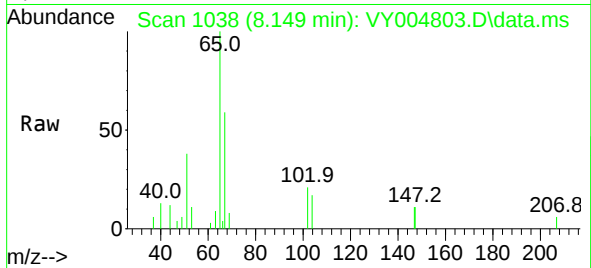




#33  
1,2-Dichloroethane-d4  
Concen: 85.46 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

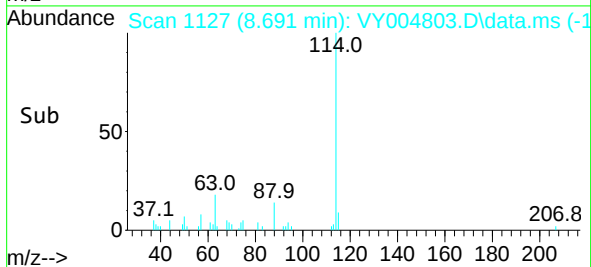
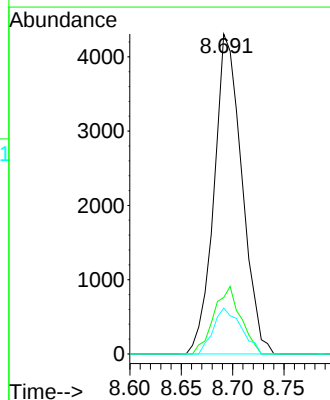
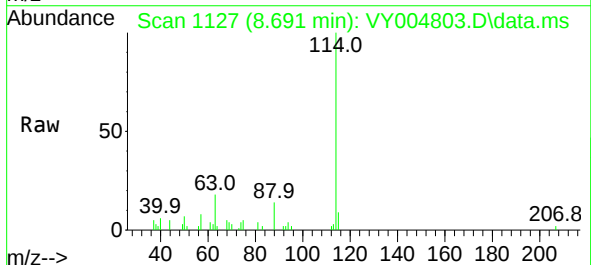
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

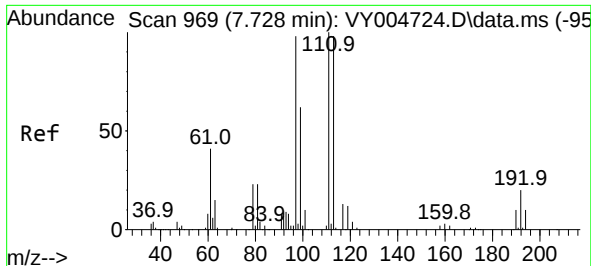
Tgt Ion: 65 Resp: 4136  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 108.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.691 min Scan# 1127  
Delta R.T. -0.006 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Tgt Ion: 114 Resp: 8101  
Ion Ratio Lower Upper  
114 100  
63 17.6 0.0 42.8  
88 14.3 0.0 31.0

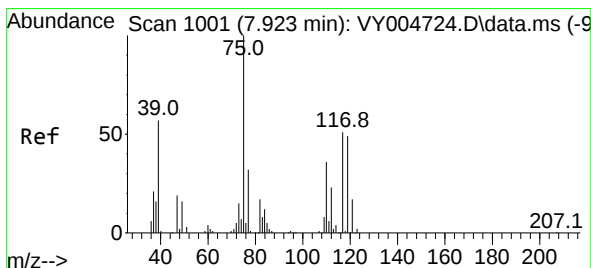
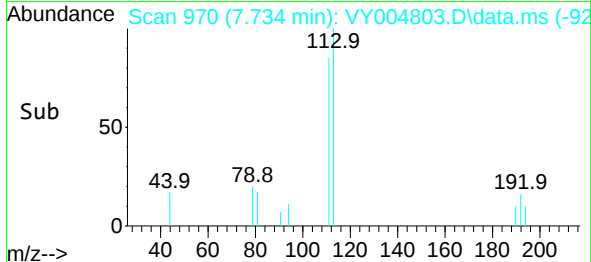
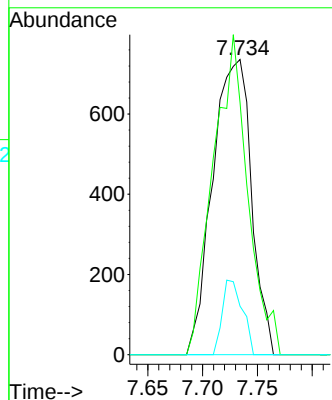
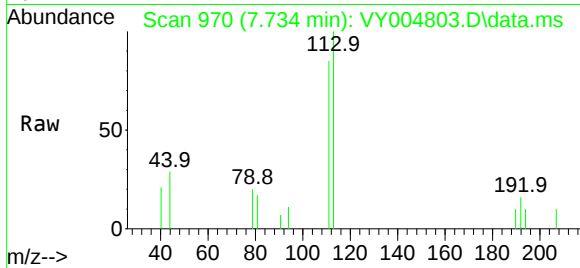




#35  
Dibromofluoromethane  
Concen: 40.86 ug/l  
RT: 7.734 min Scan# 970  
Delta R.T. 0.006 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

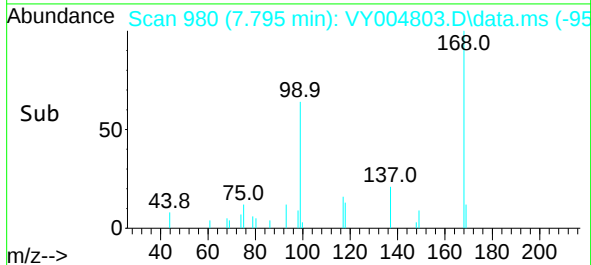
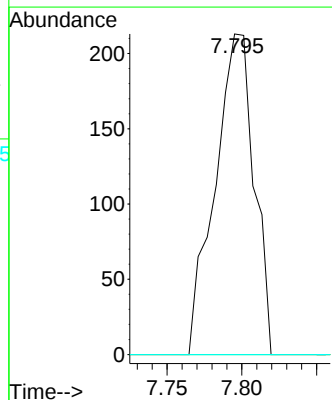
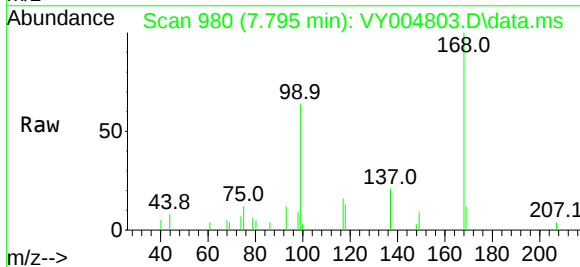
Instrument :  
MSVOA\_Y  
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CONCESSION-CP-5

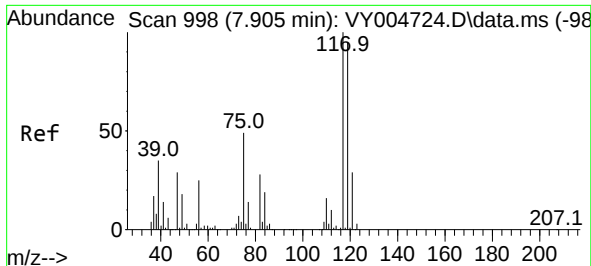
Tgt Ion:113 Resp: 1812  
Ion Ratio Lower Upper  
113 100  
111 97.0 80.5 120.7  
192 13.1 15.0 22.6#



#36  
1,1-Dichloropropene  
Concen: 4.67 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.128 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

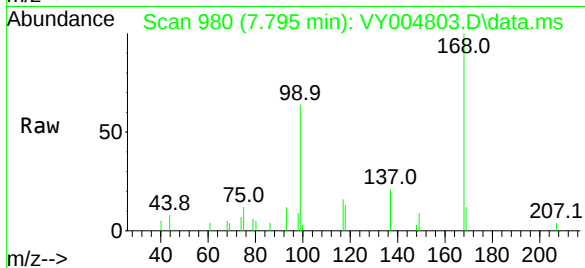
Tgt Ion: 75 Resp: 388  
Ion Ratio Lower Upper  
75 100  
110 0.0 17.0 50.9#  
77 0.0 25.0 37.4#



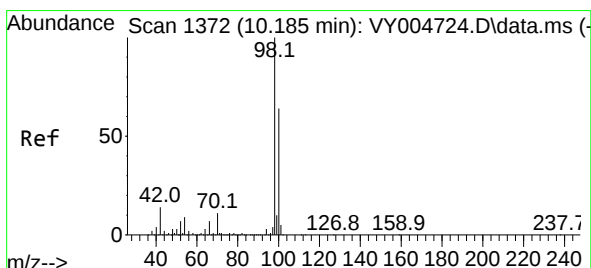
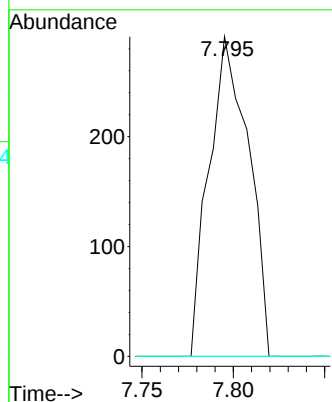
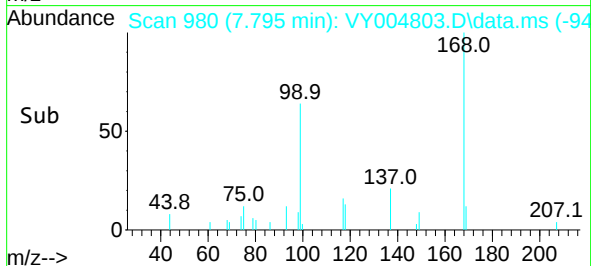


#38  
Carbon Tetrachloride  
Concen: 5.88 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.110 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

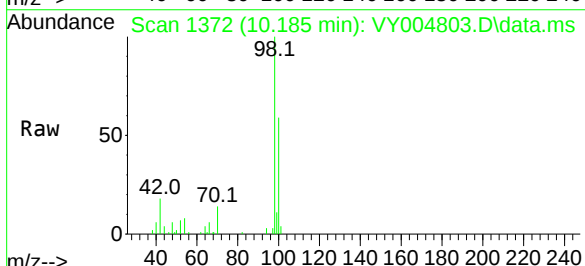
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5



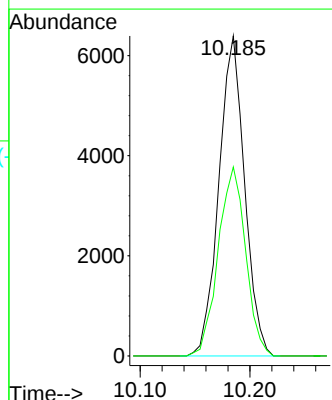
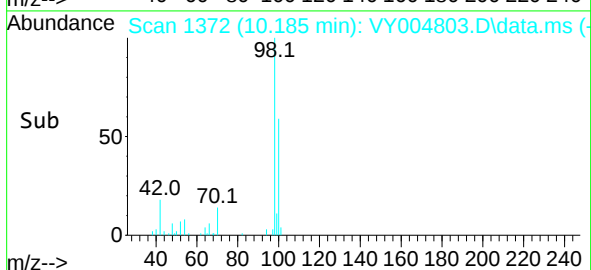
Tgt Ion: 117 Resp: 439  
Ion Ratio Lower Upper  
117 100  
119 0.0 76.3 114.5#  
121 0.0 23.0 34.6#

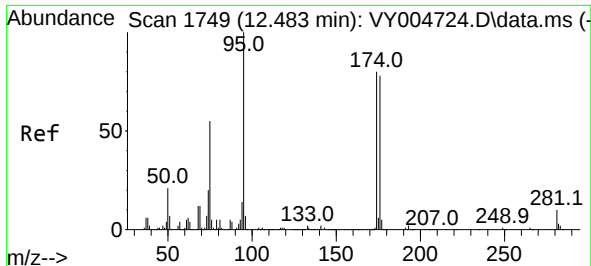


#50  
Toluene-d8  
Concen: 52.01 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32



Tgt Ion: 98 Resp: 10420  
Ion Ratio Lower Upper  
98 100  
100 62.9 51.5 77.3

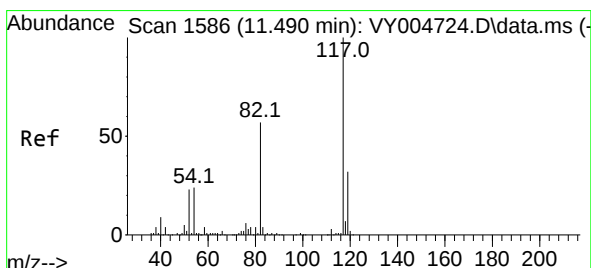
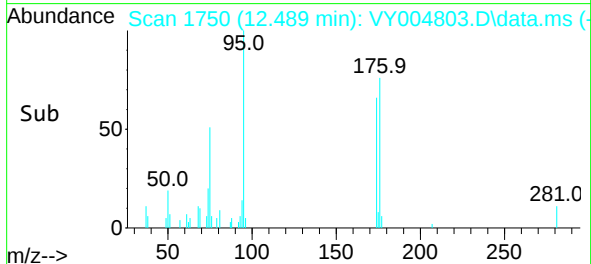
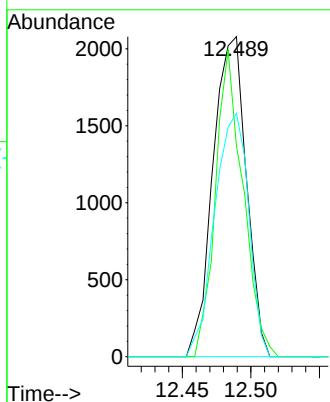
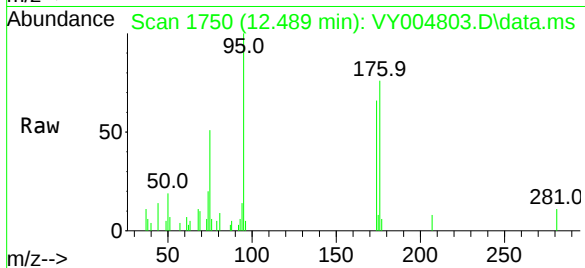




#62  
4-Bromofluorobenzene  
Concen: 52.01 ug/l  
RT: 12.489 min Scan# 1750  
Delta R.T. 0.006 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

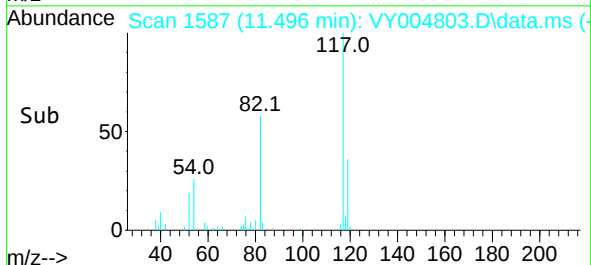
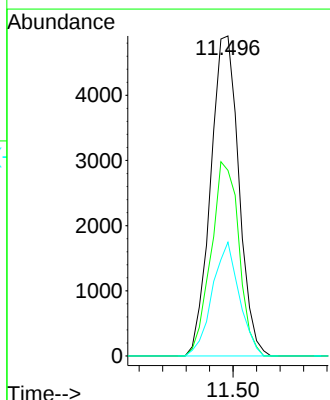
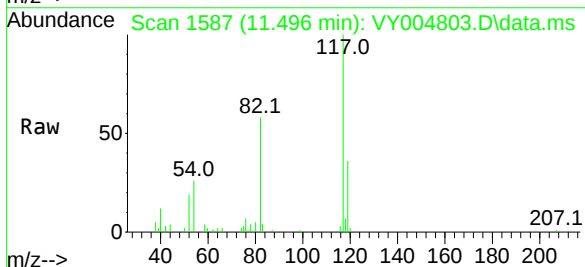
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

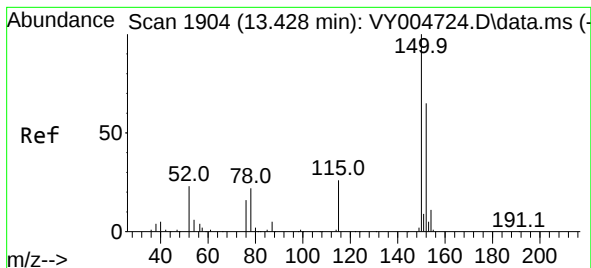
Tgt Ion: 95 Resp: 3517  
Ion Ratio Lower Upper  
95 100  
174 78.8 0.0 164.2  
176 77.5 0.0 159.0



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Tgt Ion: 117 Resp: 8203  
Ion Ratio Lower Upper  
117 100  
82 58.0 45.4 68.2  
119 35.5 25.8 38.6

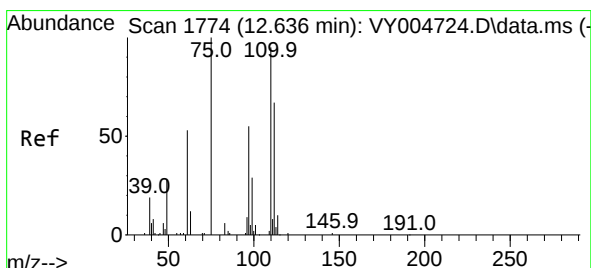
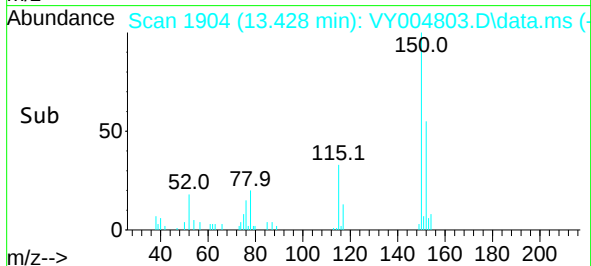
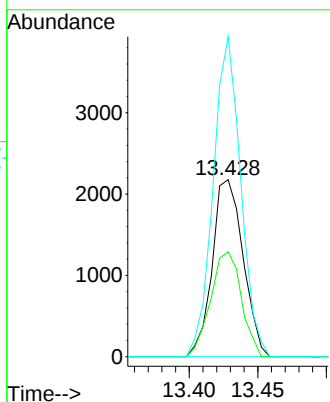
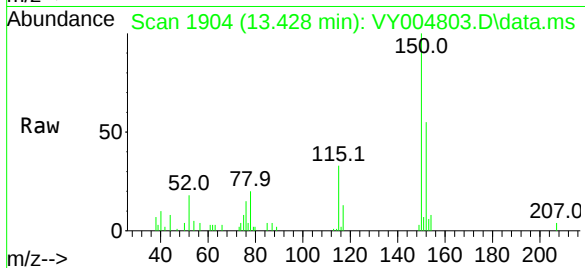




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

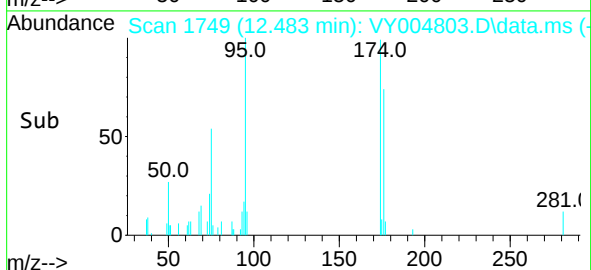
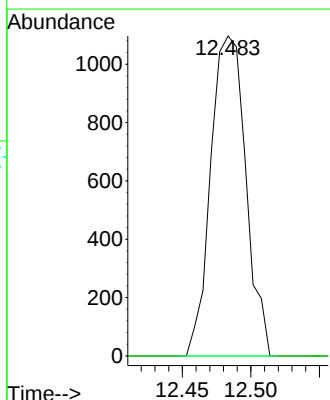
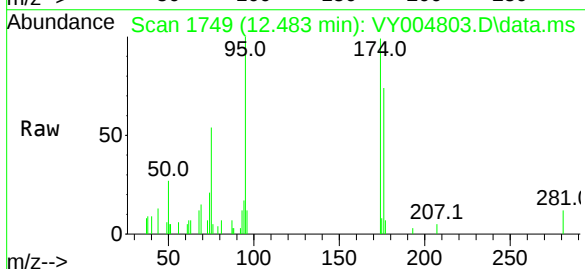
Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

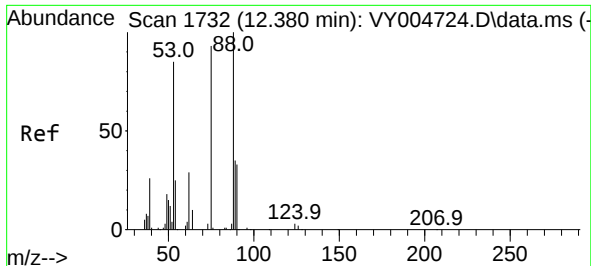
Tgt Ion:152 Resp: 3405  
Ion Ratio Lower Upper  
152 100  
115 58.9 29.4 88.3  
150 161.5 0.0 349.8



#76  
1,2,3-Trichloropropane  
Concen: 54.17 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Tgt Ion: 75 Resp: 1959  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0

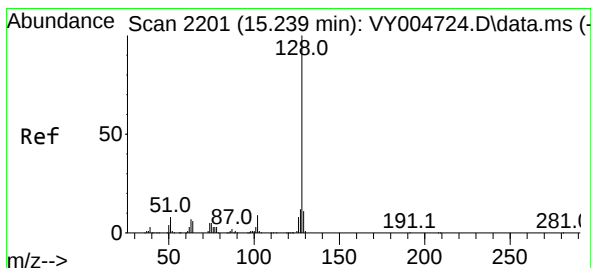
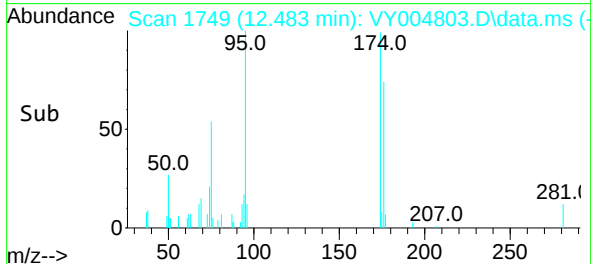
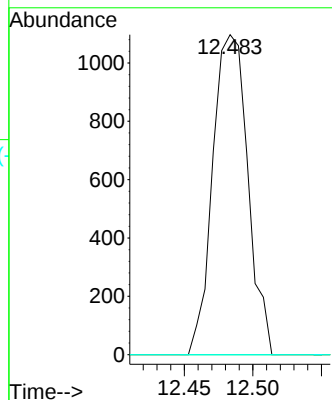
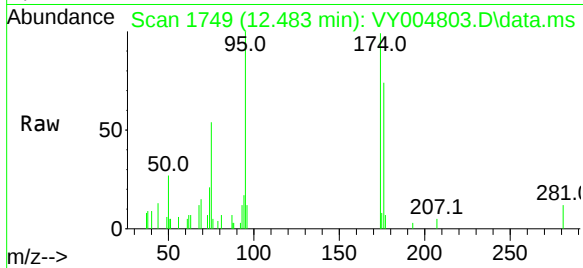




#81  
trans-1,4-Dichloro-2-butene  
Concen: 93.92 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CONCESSION-CP-5

Tgt Ion: 75 Resp: 1959  
Ion Ratio Lower Upper  
75 100  
53 0.0 73.9 110.9#  
89 0.0 35.5 53.3#



#95  
Naphthalene  
Concen: 1.37 ug/l  
RT: 15.245 min Scan# 2202  
Delta R.T. 0.006 min  
Lab File: VY004803.D  
Acq: 17 May 2021 14:32

Tgt Ion: 128 Resp: 191  
Ion Ratio Lower Upper  
128 100  
127 0.0 10.2 15.2#  
129 0.0 8.6 13.0#

