

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101521\  
 Data File : VY006408.D  
 Acq On : 15 Oct 2021 15:52  
 Operator : SY/MD  
 Sample : M4240-01RE  
 Misc : 5.03G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Oct 18 04:45:44 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 28 17:44:36 2021  
 Response via : Initial Calibration

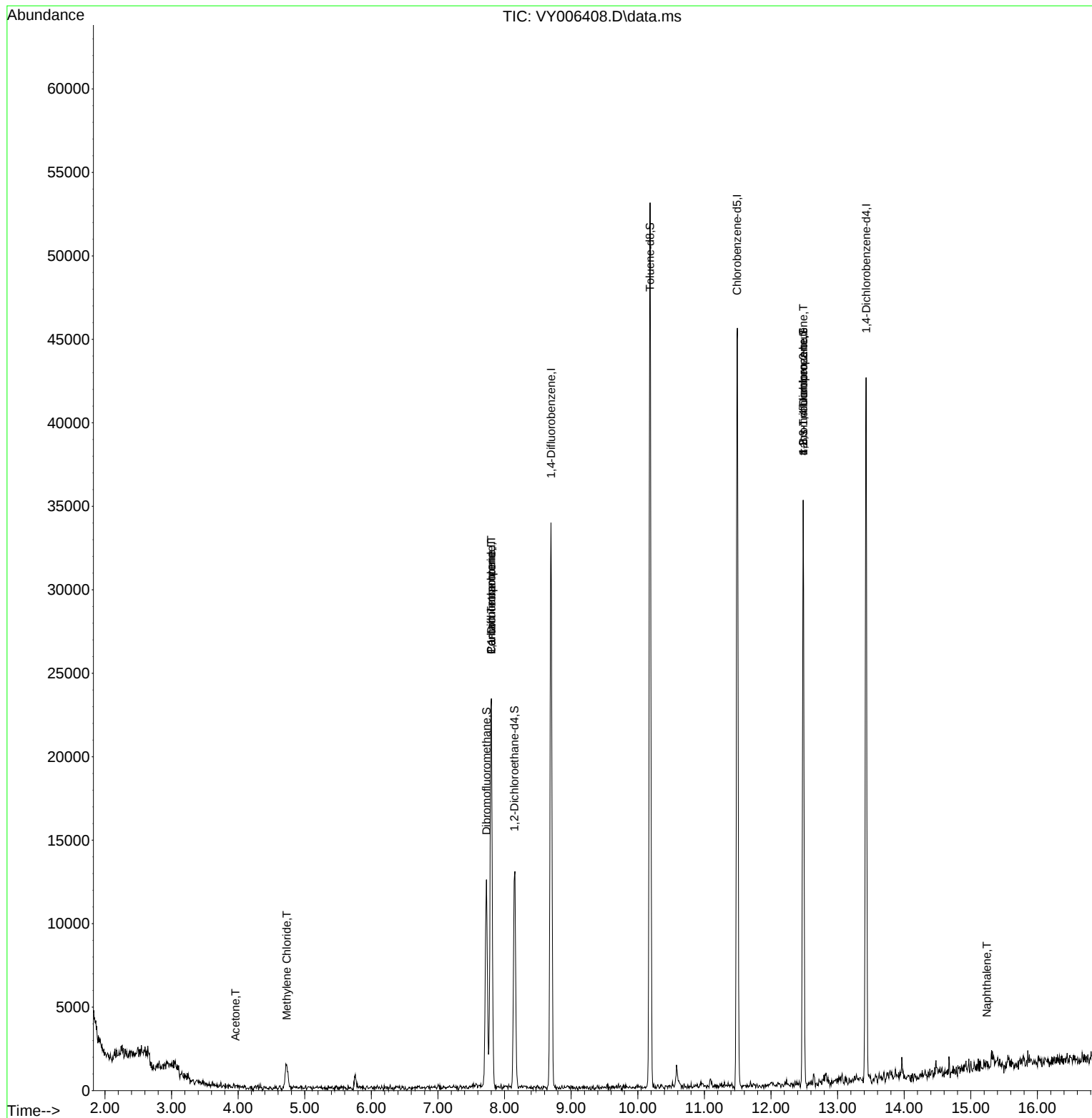
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) Pentafluorobenzene         | 7.801     | 168   | 18712    | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 27537    | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.490    | 117   | 24437    | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 10456    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.149     | 65    | 10895    | 54.401   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery | = 108.800% |          |
| 35) Dibromofluoromethane      | 7.728     | 113   | 8046     | 54.690   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery | = 109.380% |          |
| 50) Toluene-d8                | 10.185    | 98    | 33794    | 54.885   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery | = 109.780% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 9553     | 45.671   | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery | = 91.340%  |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 16) Acetone                   | 3.960     | 43    | 117      | 2.092    | ug/l #     | 47       |
| 20) Methylene Chloride        | 4.729     | 84    | 1034     | 1.750    | ug/l #     | 78       |
| 36) 1,1-Dichloropropene       | 7.801     | 75    | 1538     | 5.614    | ug/l #     | 42       |
| 38) Carbon Tetrachloride      | 7.801     | 117   | 1751     | 6.052    | ug/l #     | 11       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 5188     | 51.049   | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 5188     | 100.319  | ug/l #     | 7        |
| 95) Naphthalene               | 15.239    | 128   | 472      | 1.182    | ug/l #     | 81       |
| -----                         |           |       |          |          |            |          |

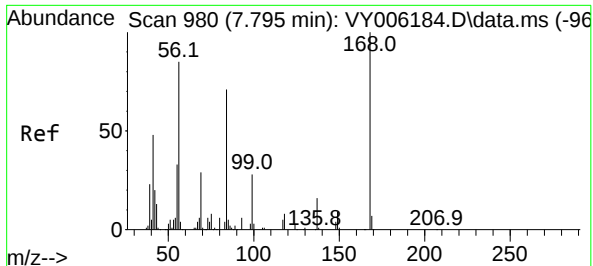
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY101521\  
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Sample : M4240-01RE  
Misc : 5.03G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Oct 18 04:45:44 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y092821S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 28 17:44:36 2021  
Response via : Initial Calibration

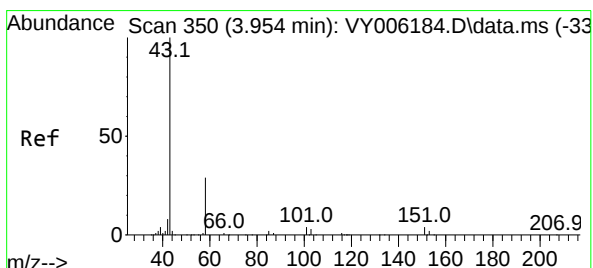
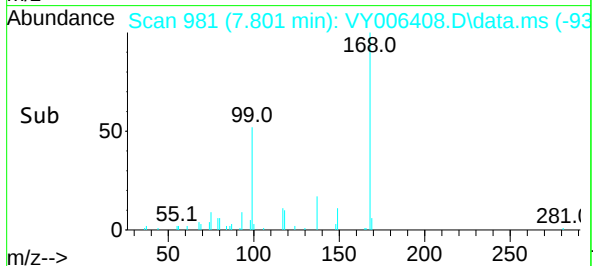
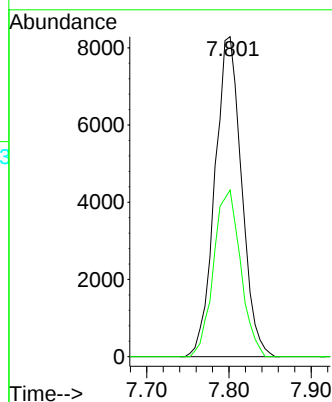
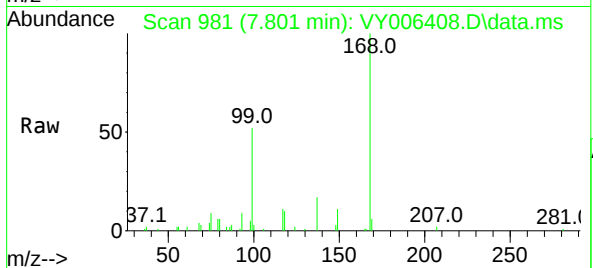




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.006 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

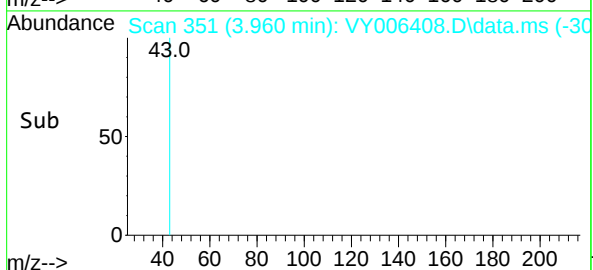
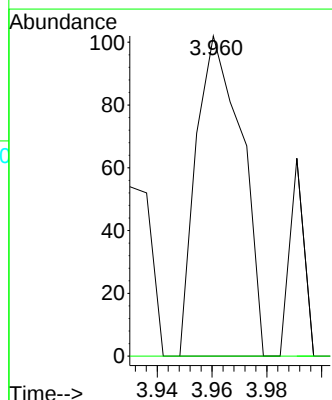
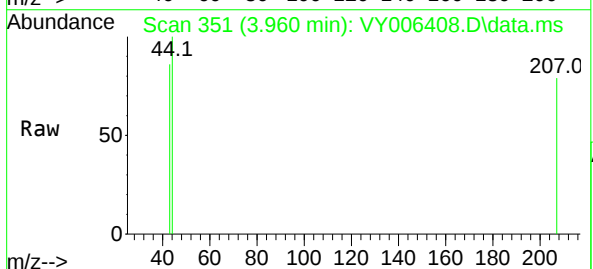
Instrument :  
MSVOA\_Y  
ClientSampled :

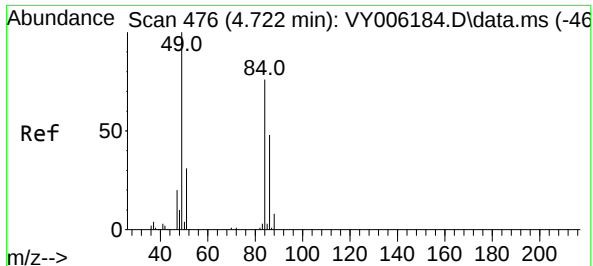
Tgt Ion:168 Resp: 18712  
Ion Ratio Lower Upper  
168 100  
99 52.1 46.9 70.3



#16  
Acetone  
Concen: 2.092 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.006 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

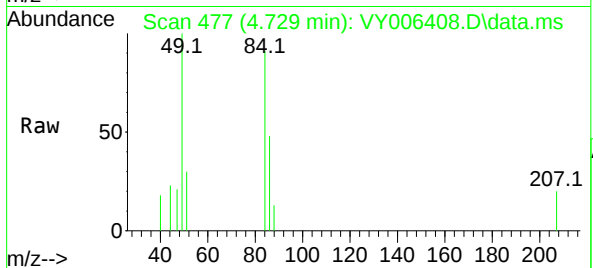
Tgt Ion: 43 Resp: 117  
Ion Ratio Lower Upper  
43 100  
58 0.0 22.0 33.0#



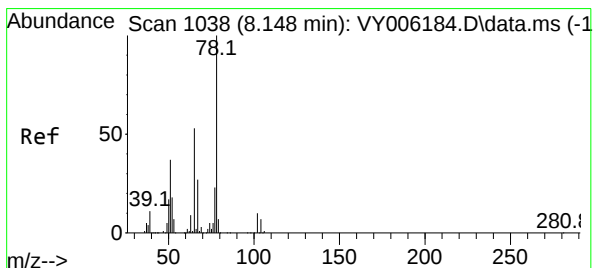
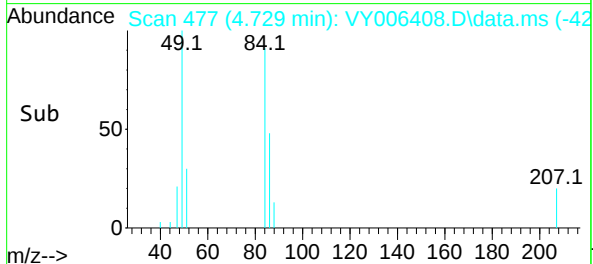
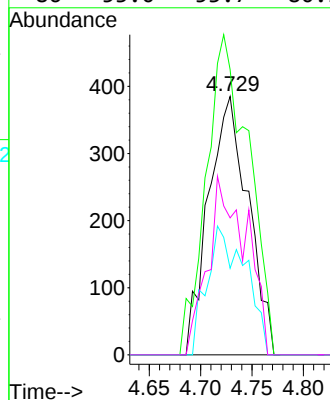


#20  
Methylene Chloride  
Concen: 1.750 ug/l  
RT: 4.729 min Scan# 477  
Delta R.T. 0.007 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Instrument :  
MSVOA\_Y  
ClientSampled :

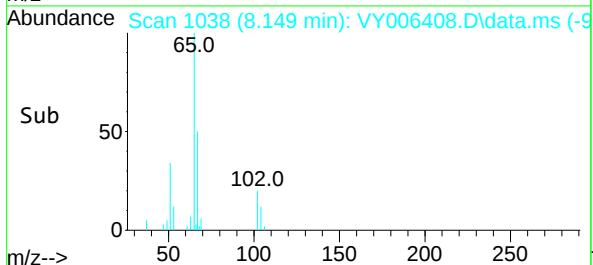
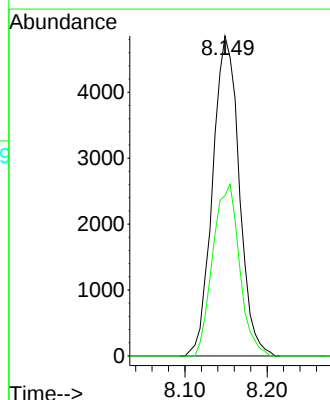
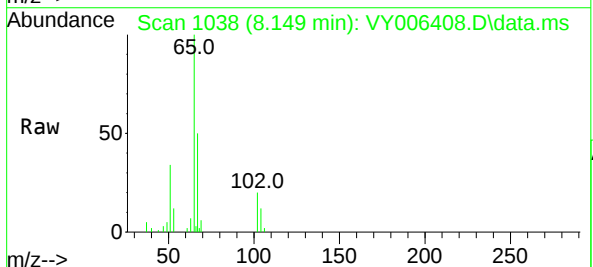


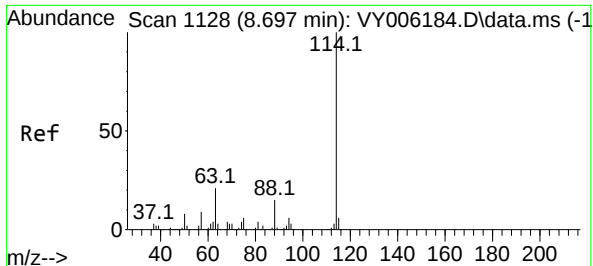
Tgt Ion: 84 Resp: 1034  
Ion Ratio Lower Upper  
84 100  
49 110.4 114.4 171.6#  
51 33.5 35.3 52.9#  
86 53.0 53.7 80.5#



#33  
1,2-Dichloroethane-d4  
Concen: 54.401 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Tgt Ion: 65 Resp: 10895  
Ion Ratio Lower Upper  
65 100  
67 53.9 0.0 99.4

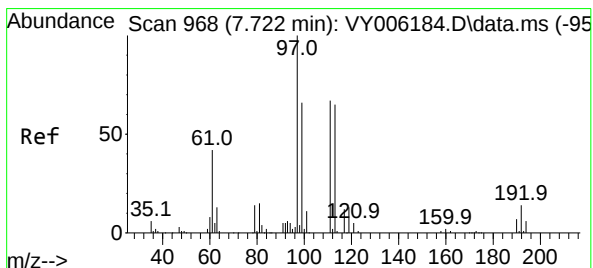
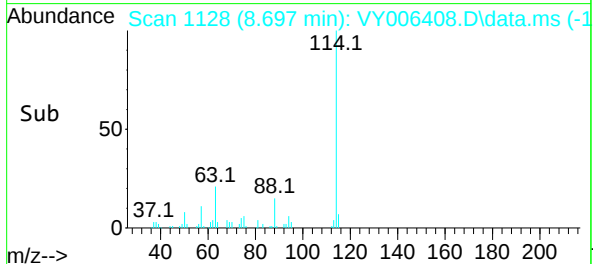
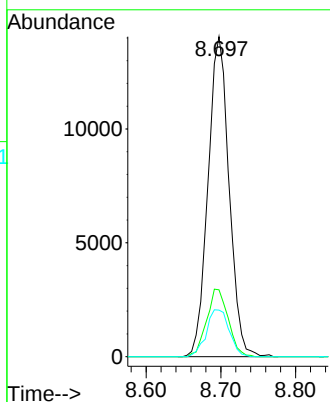
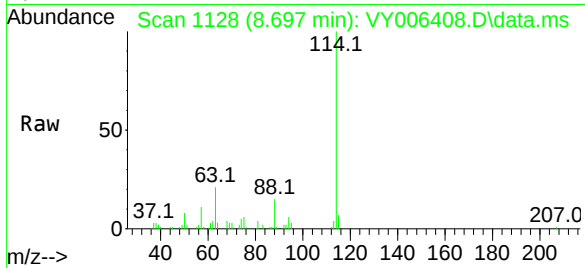




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

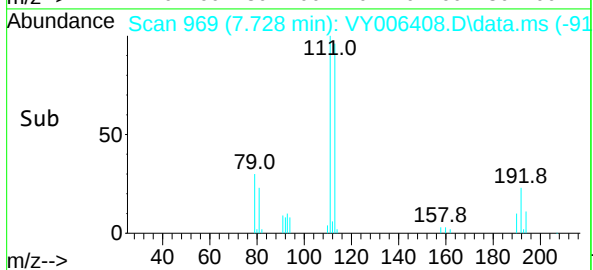
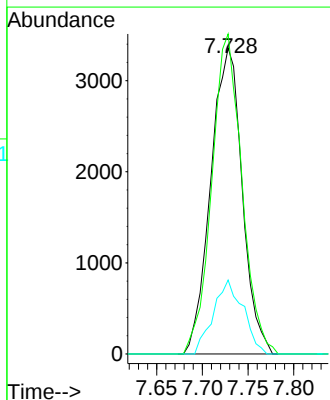
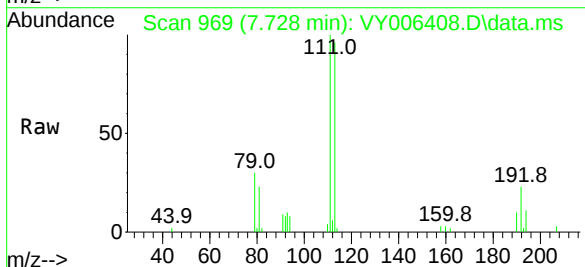
Instrument :  
MSVOA\_Y  
ClientSampled :

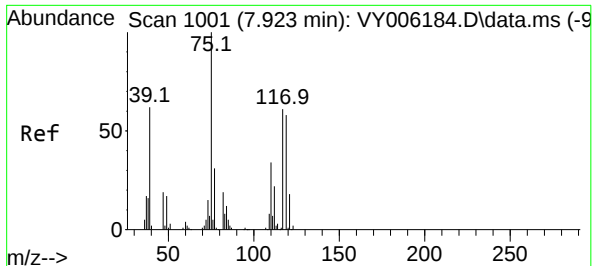
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.9  | 0.0   | 43.2  |
| 88      | 14.6  | 0.0   | 31.8  |



#35  
Dibromofluoromethane  
Concen: 54.690 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.006 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 99.8  | 82.6  | 124.0 |
| 192     | 22.8  | 17.6  | 26.4  |



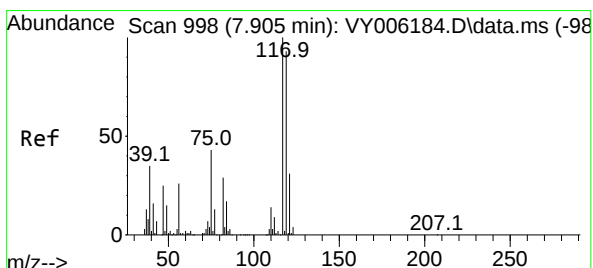
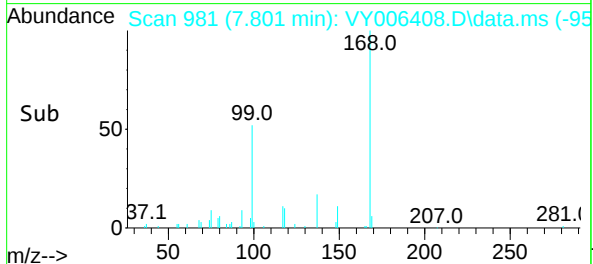
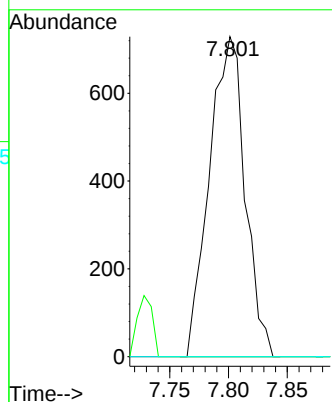
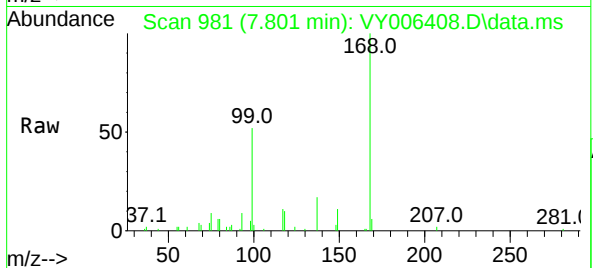


#36

1,1-Dichloropropene  
Concen: 5.614 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.122 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Instrument :  
MSVOA\_Y  
ClientSampled :

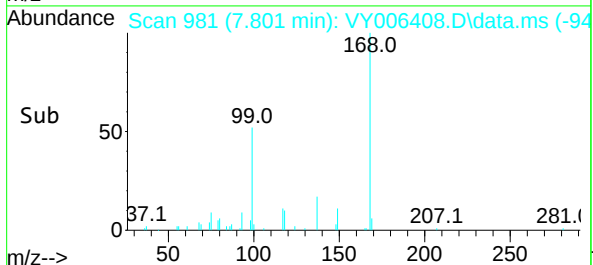
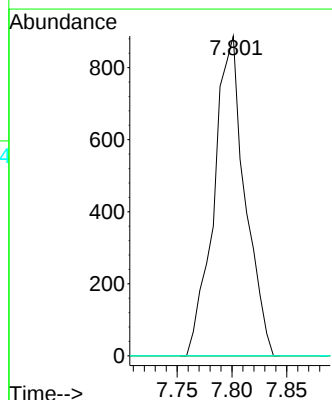
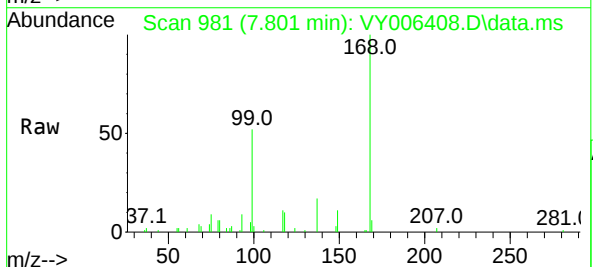
Tgt Ion: 75 Resp: 1538  
Ion Ratio Lower Upper  
75 100  
110 0.0 17.1 51.2#  
77 0.0 24.4 36.6#

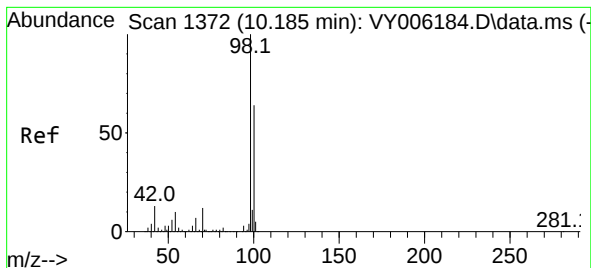


#38

Carbon Tetrachloride  
Concen: 6.052 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.103 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Tgt Ion: 117 Resp: 1751  
Ion Ratio Lower Upper  
117 100  
119 0.0 77.9 116.9#  
121 0.0 24.8 37.2#

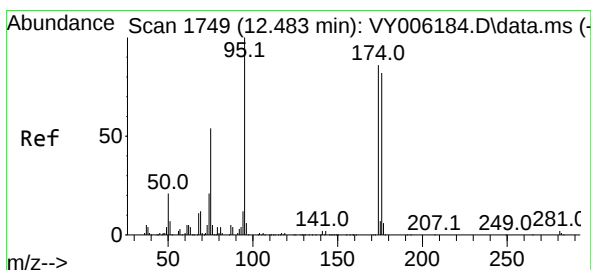
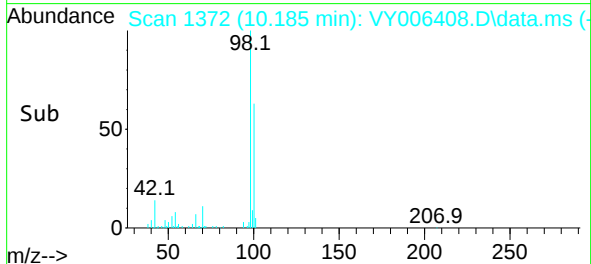
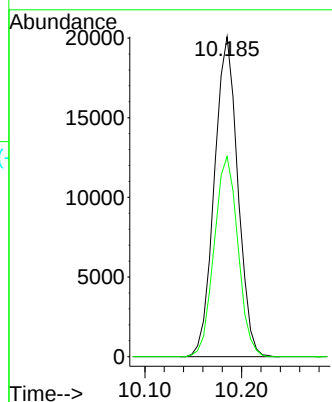
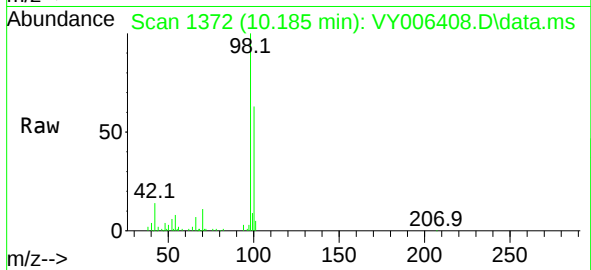




#50  
Toluene-d8  
Concen: 54.885 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

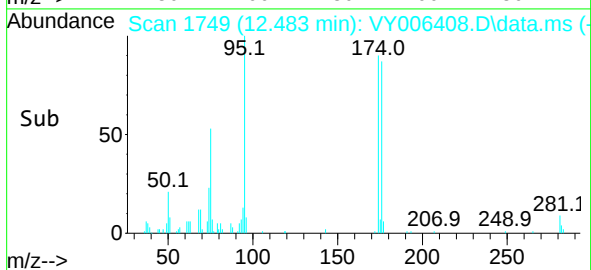
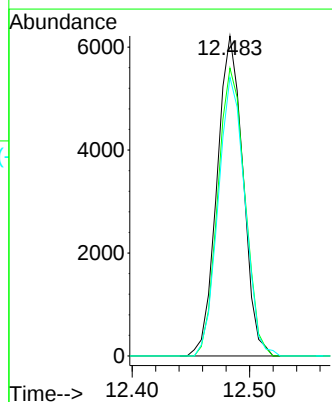
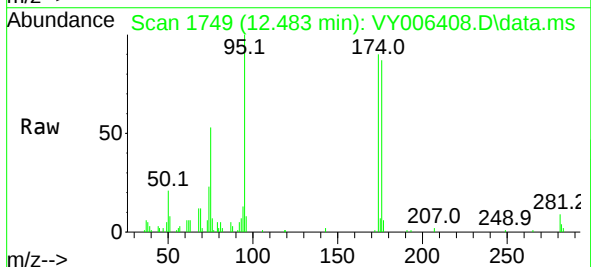
Instrument :  
MSVOA\_Y  
ClientSampled :

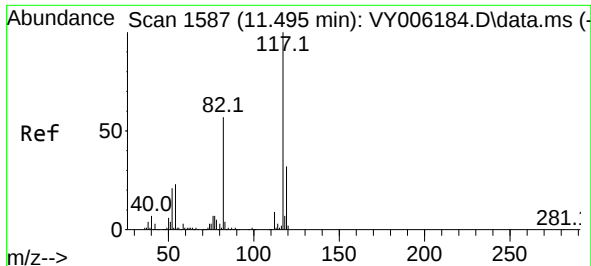
Tgt Ion: 98 Resp: 33794  
Ion Ratio Lower Upper  
98 100  
100 63.4 50.2 75.2



#62  
4-Bromofluorobenzene  
Concen: 45.671 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Tgt Ion: 95 Resp: 9553  
Ion Ratio Lower Upper  
95 100  
174 93.1 0.0 177.0  
176 89.2 0.0 175.8

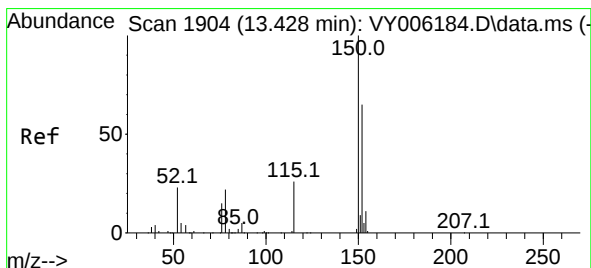
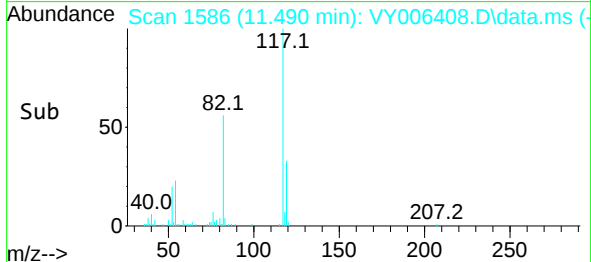
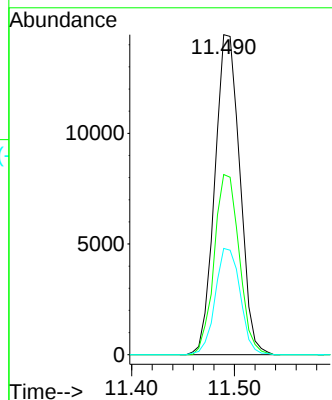
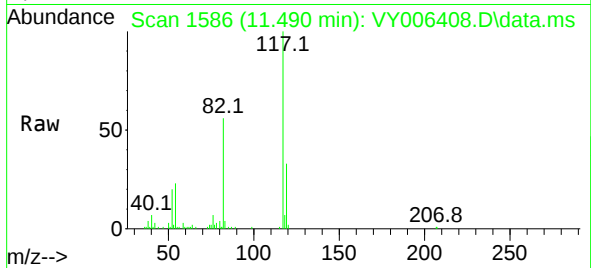




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

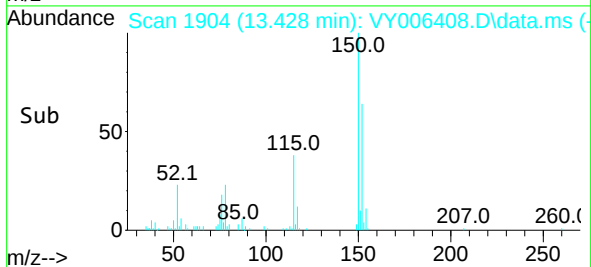
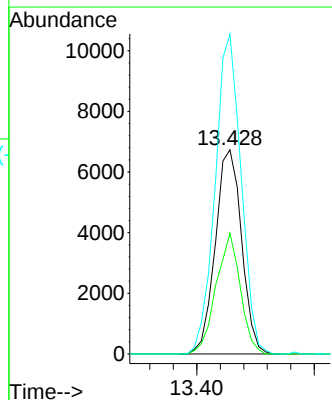
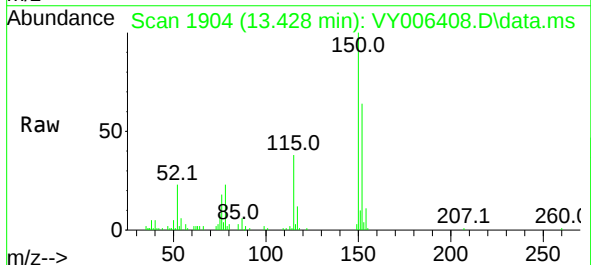
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion:117 Resp: 24437  
Ion Ratio Lower Upper  
117 100  
82 56.3 43.0 64.4  
119 33.2 25.4 38.0

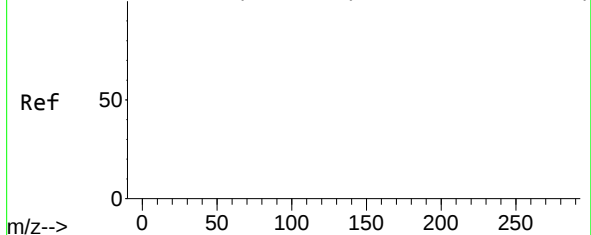


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Tgt Ion:152 Resp: 10456  
Ion Ratio Lower Upper  
152 100  
115 54.5 28.2 84.7  
150 154.6 0.0 347.6



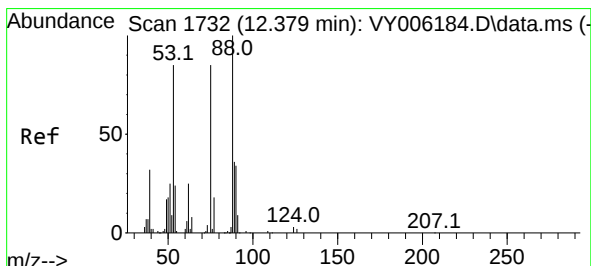
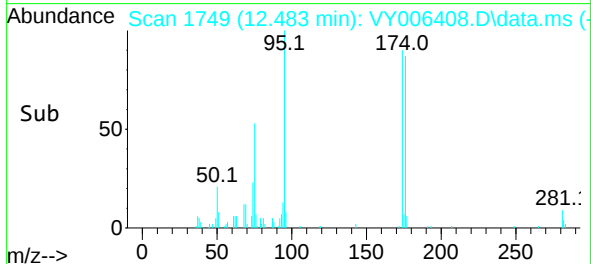
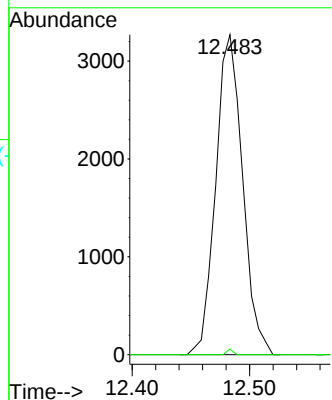
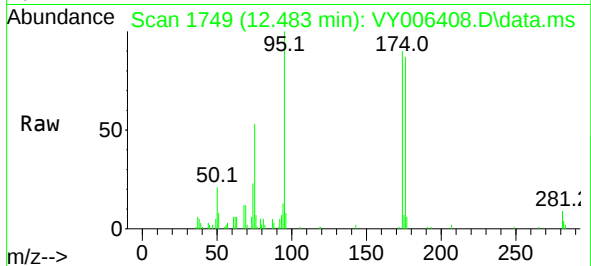
Abundance Scan 1774 (12.635 min): VY006184.D\data.ms (-



#76  
1,2,3-Trichloropropane  
Concen: 51.049 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.152 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

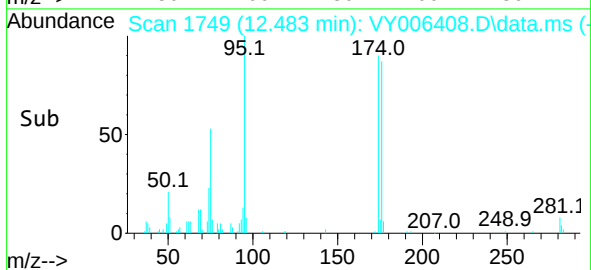
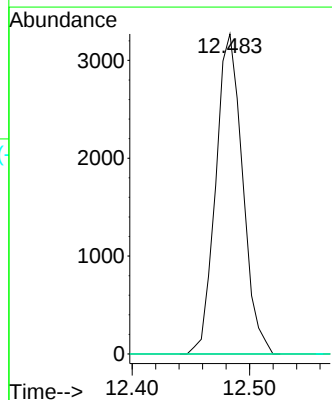
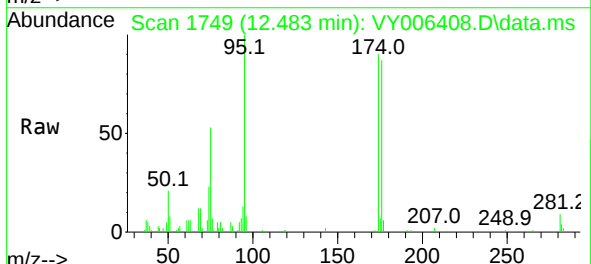
Tgt Ion: 75 Resp: 5188  
Ion Ratio Lower Upper  
75 100  
77 0.4 0.0 0.0#

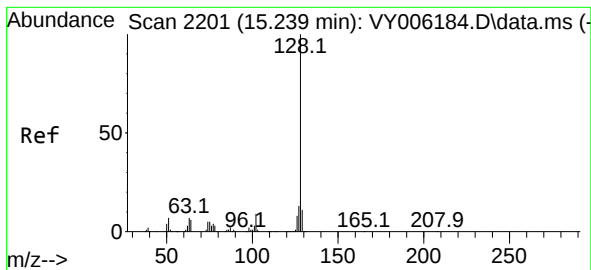
Instrument :  
MSVOA\_Y  
ClientSampled :



#81  
trans-1,4-Dichloro-2-butene  
Concen: 100.319 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Tgt Ion: 75 Resp: 5188  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.3 127.9#  
89 0.0 37.0 55.4#





#95  
Naphthalene  
Concen: 1.182 ug/l  
RT: 15.239 min Scan# 2201  
Delta R.T. 0.000 min  
Lab File: VY006408.D  
Acq: 15 Oct 2021 15:52

Instrument :  
MSVOA\_Y  
ClientSampleId :

Tgt Ion:128 Resp: 472  
Ion Ratio Lower Upper  
128 100  
127 8.9 11.0 16.4#  
129 0.0 8.4 12.6#

