

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY070121\  
 Data File : VY005324.D  
 Acq On : 01 Jul 2021 19:08  
 Operator : SY/MD  
 Sample : M2913-09  
 Misc : 6.51G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 D-3700

Quant Time: Jul 02 05:19:05 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y062221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 07:57:52 2021  
 Response via : Initial Calibration

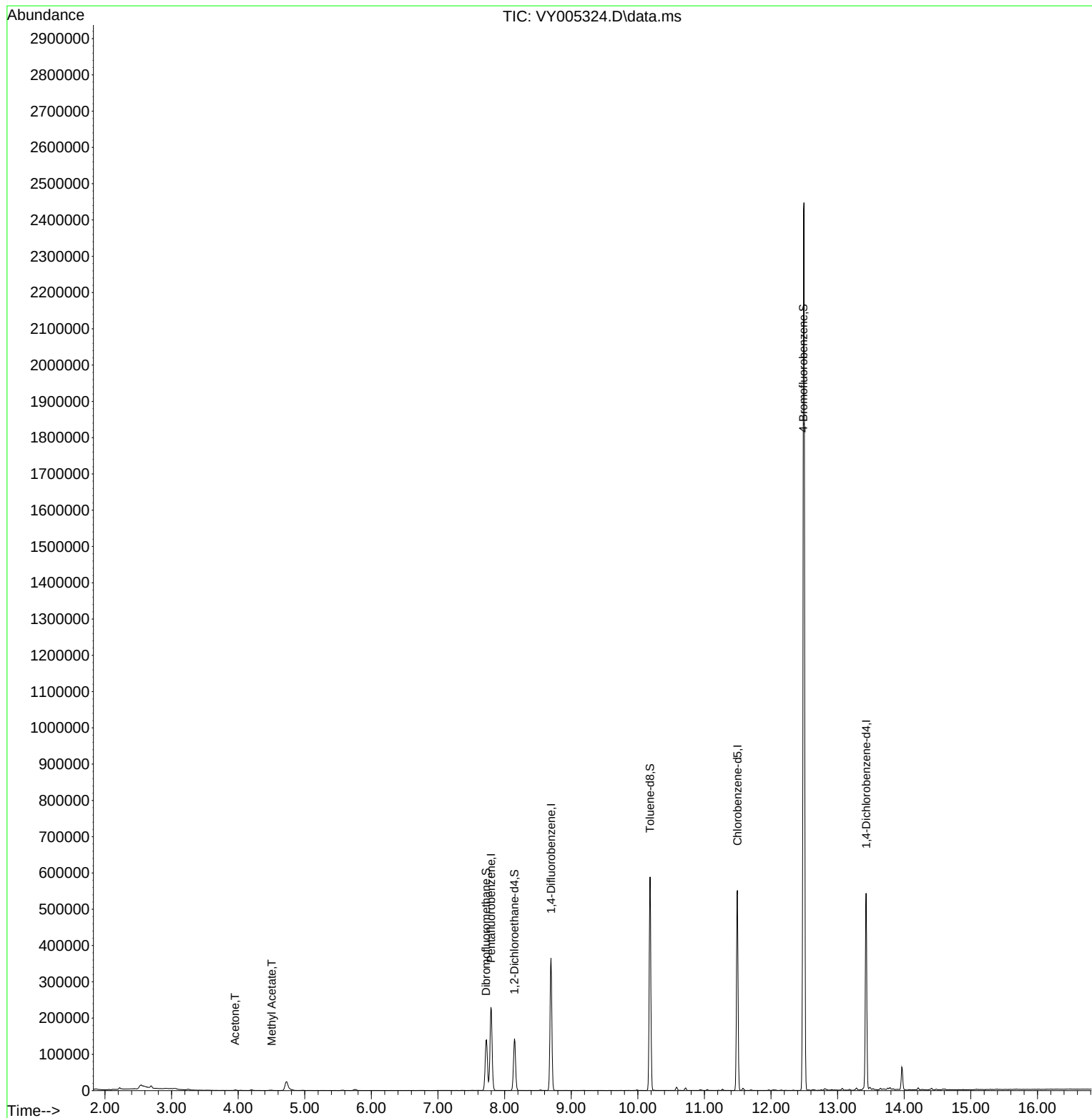
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|------------|----------|
| -----                       |        |       |          |          |            |          |
| Internal Standards          |        |       |          |          |            |          |
| 1) Pentafluorobenzene       | 7.795  | 168   | 194438   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 312248   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 310432   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 146941   | 50.000   | ug/l       | 0.00     |
|                             |        |       |          |          |            |          |
| System Monitoring Compounds |        |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 110242   | 68.322   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 136.640% |          |
| 35) Dibromofluoromethane    | 7.722  | 113   | 100102   | 54.359   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 108.720% |          |
| 50) Toluene-d8              | 10.185 | 98    | 386010   | 52.416   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 104.840% |          |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 140286   | 57.166   | ug/l       | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 114.340% |          |
|                             |        |       |          |          |            |          |
| Target Compounds            |        |       |          |          |            | Qvalue   |
| 16) Acetone                 | 3.954  | 43    | 2615     | 7.015    | ug/l       | 99       |
| 18) Methyl Acetate          | 4.503  | 43    | 2243     | 2.264    | ug/l #     | 88       |
| -----                       |        |       |          |          |            |          |

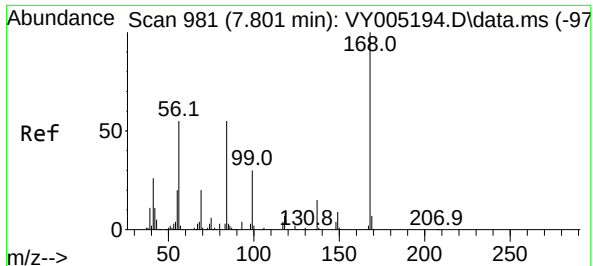
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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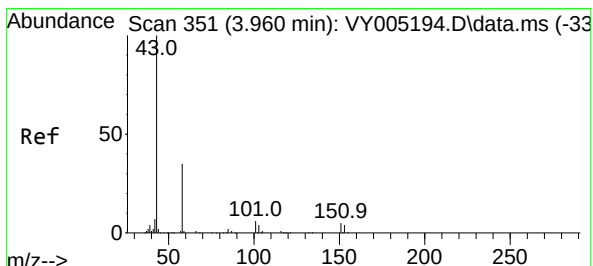
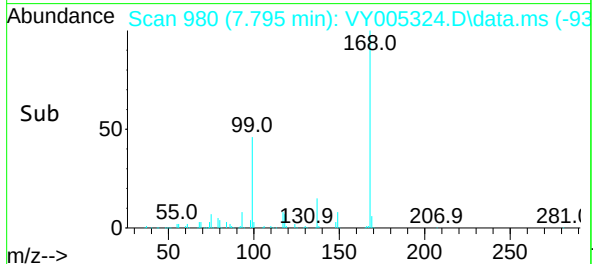
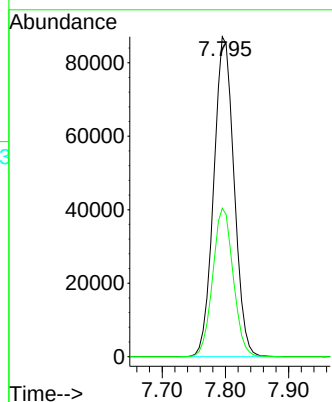
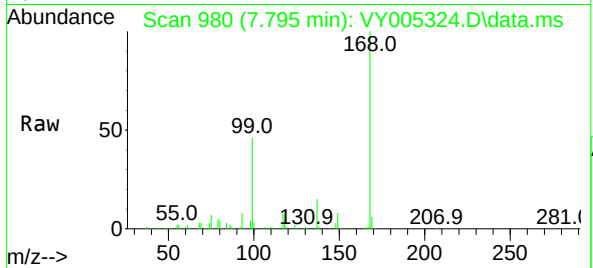




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

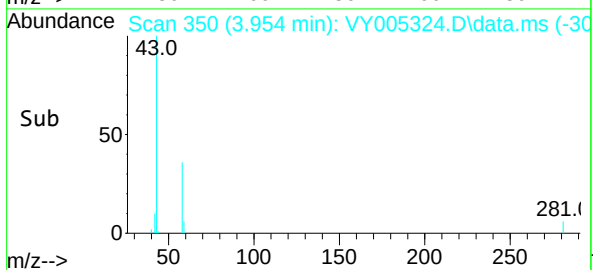
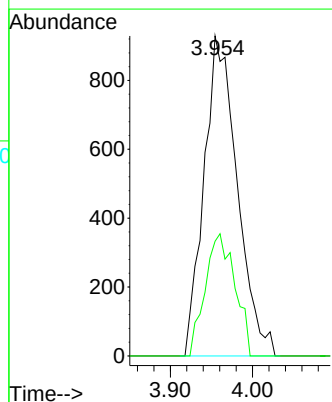
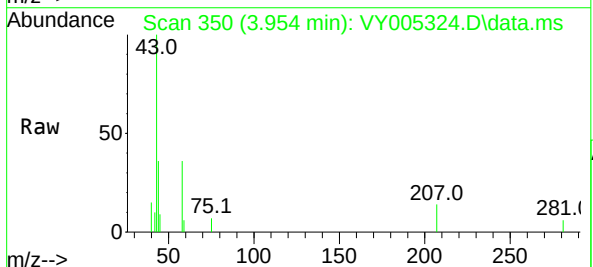
Instrument :  
MSVOA\_Y  
ClientSampleId :  
D-3700

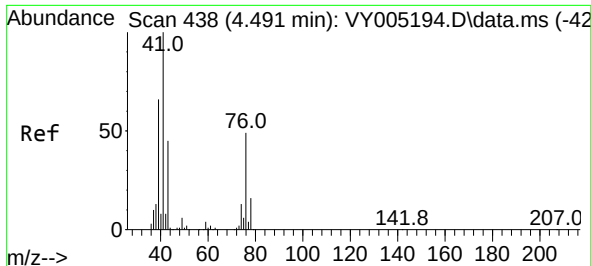
Tgt Ion:168 Resp: 194438  
Ion Ratio Lower Upper  
168 100  
99 46.4 36.2 54.4



#16  
Acetone  
Concen: 7.015 ug/l  
RT: 3.954 min Scan# 350  
Delta R.T. -0.006 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

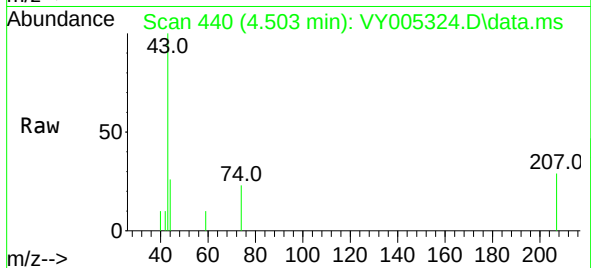
Tgt Ion: 43 Resp: 2615  
Ion Ratio Lower Upper  
43 100  
58 35.8 28.2 42.2



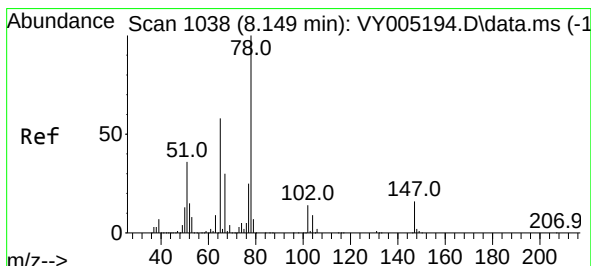
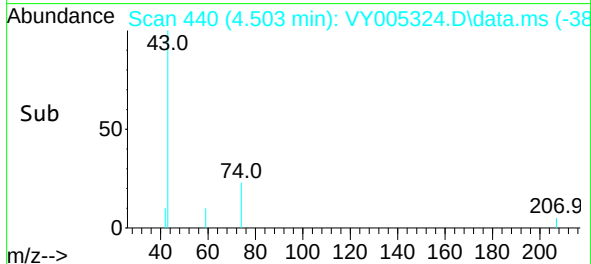
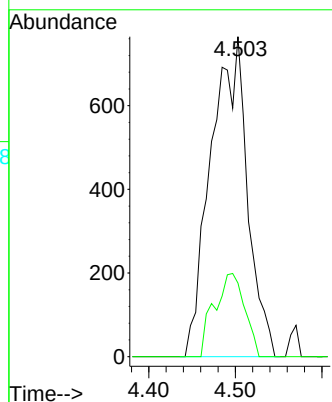


#18  
Methyl Acetate  
Concen: 2.264 ug/l  
RT: 4.503 min Scan# 440  
Delta R.T. 0.012 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Instrument :  
MSVOA\_Y  
ClientSampled :  
D-3700

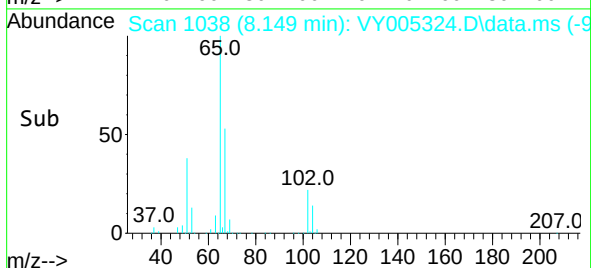
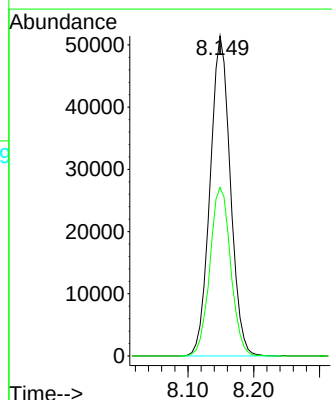
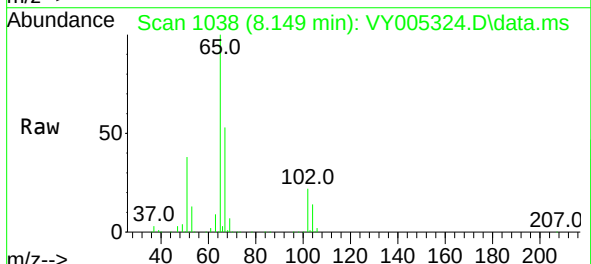


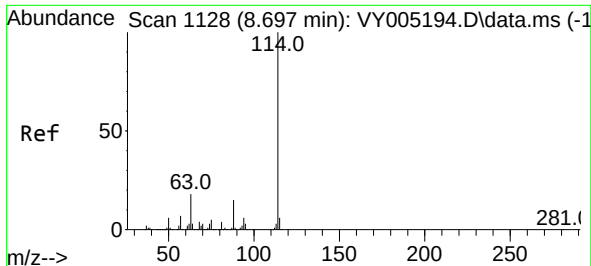
Tgt Ion: 43 Resp: 2243  
Ion Ratio Lower Upper  
43 100  
74 21.5 22.5 33.7#



#33  
1,2-Dichloroethane-d4  
Concen: 68.322 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Tgt Ion: 65 Resp: 110242  
Ion Ratio Lower Upper  
65 100  
67 54.0 0.0 110.6

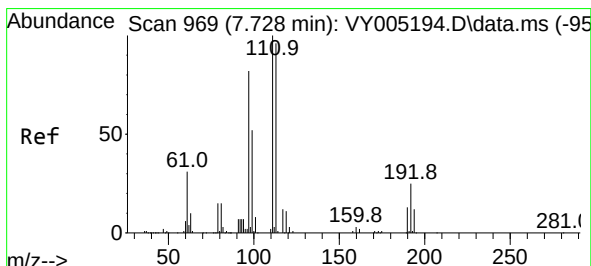
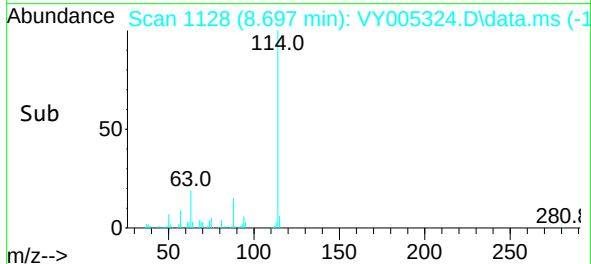
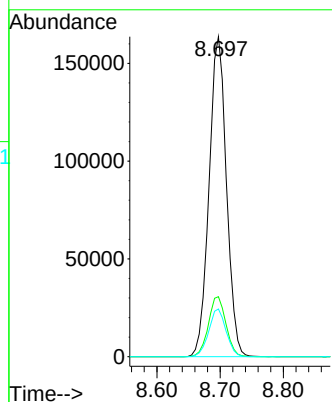
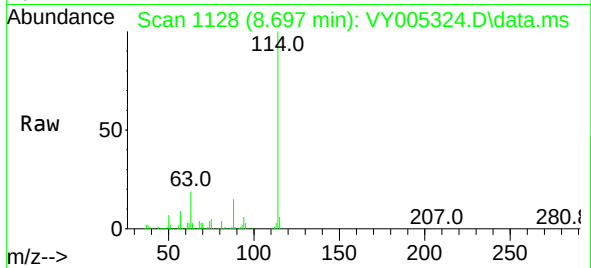




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

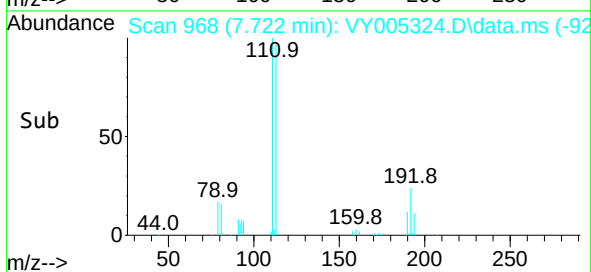
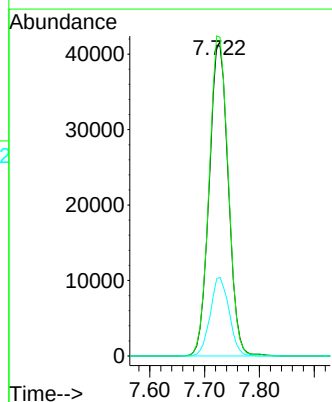
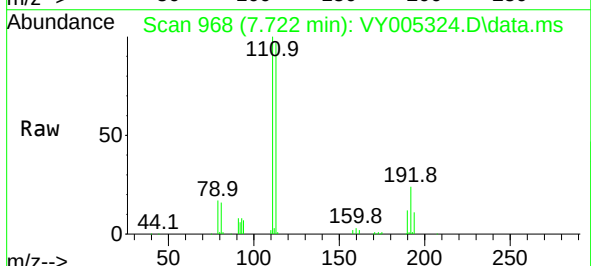
Instrument :  
MSVOA\_Y  
ClientSampleId :  
D-3700

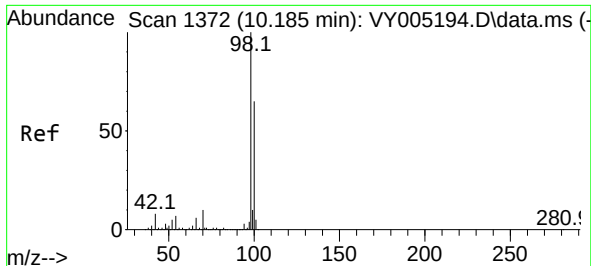
Tgt Ion:114 Resp: 312248  
Ion Ratio Lower Upper  
114 100  
63 18.7 0.0 35.2  
88 14.9 0.0 29.4



#35  
Dibromofluoromethane  
Concen: 54.359 ug/l  
RT: 7.722 min Scan# 968  
Delta R.T. -0.006 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Tgt Ion:113 Resp: 100102  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.6 124.0  
192 24.8 20.2 30.2

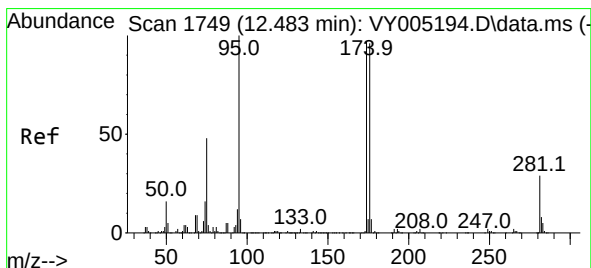
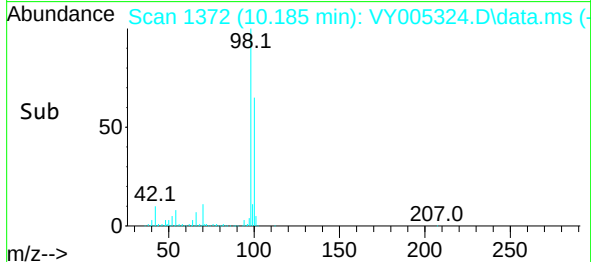
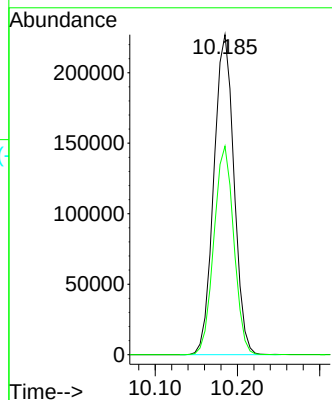
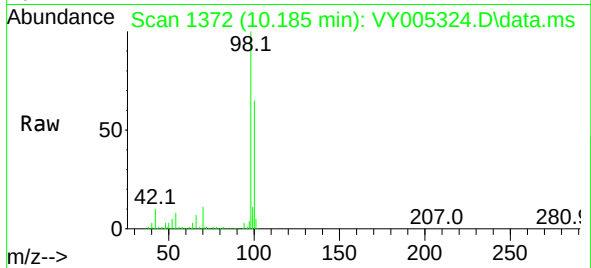




#50  
Toluene-d8  
Concen: 52.416 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

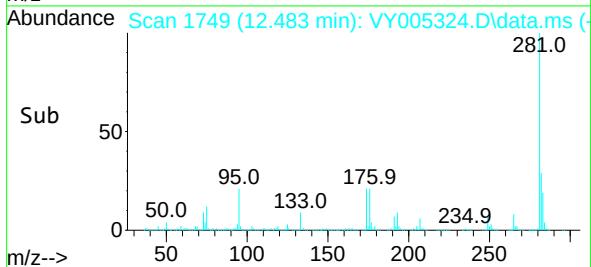
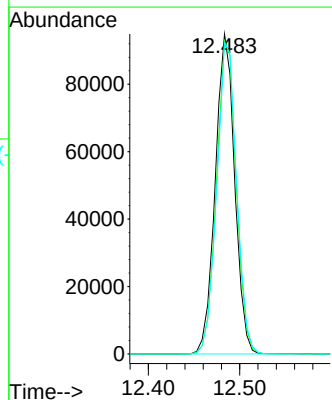
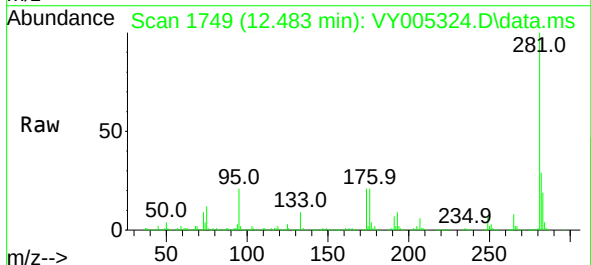
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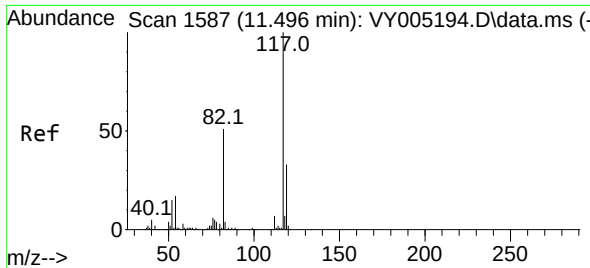
Tgt Ion: 98 Resp: 386010  
Ion Ratio Lower Upper  
98 100  
100 64.5 51.9 77.9



#62  
4-Bromofluorobenzene  
Concen: 57.166 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Tgt Ion: 95 Resp: 140286  
Ion Ratio Lower Upper  
95 100  
174 99.3 0.0 201.6  
176 99.4 0.0 197.4

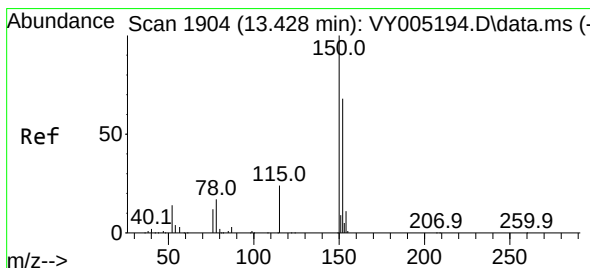
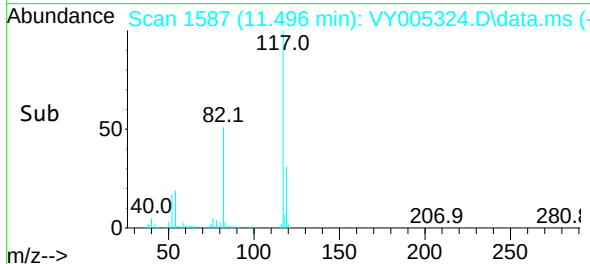
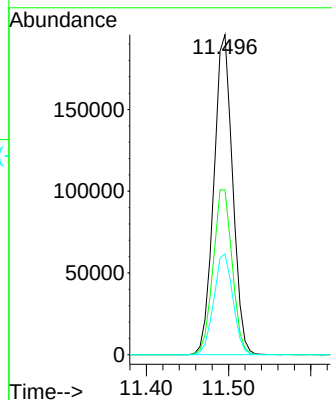
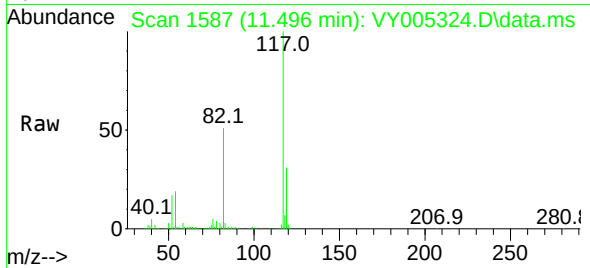




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Instrument :  
MSVOA\_Y  
ClientSampled :  
D-3700

Tgt Ion:117 Resp: 310432  
Ion Ratio Lower Upper  
117 100  
82 51.5 40.6 60.8  
119 31.5 26.1 39.1



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.000 min  
Lab File: VY005324.D  
Acq: 01 Jul 2021 19:08

Tgt Ion:152 Resp: 146941  
Ion Ratio Lower Upper  
152 100  
115 53.3 26.3 78.8  
150 156.4 0.0 344.2

