

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061021\  
 Data File : VY005077.D  
 Acq On : 10 Jun 2021 15:19  
 Operator : SY/MD  
 Sample : M2666-03  
 Misc : 3.53G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 R-TO-C-2

Quant Time: Jun 11 05:05:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

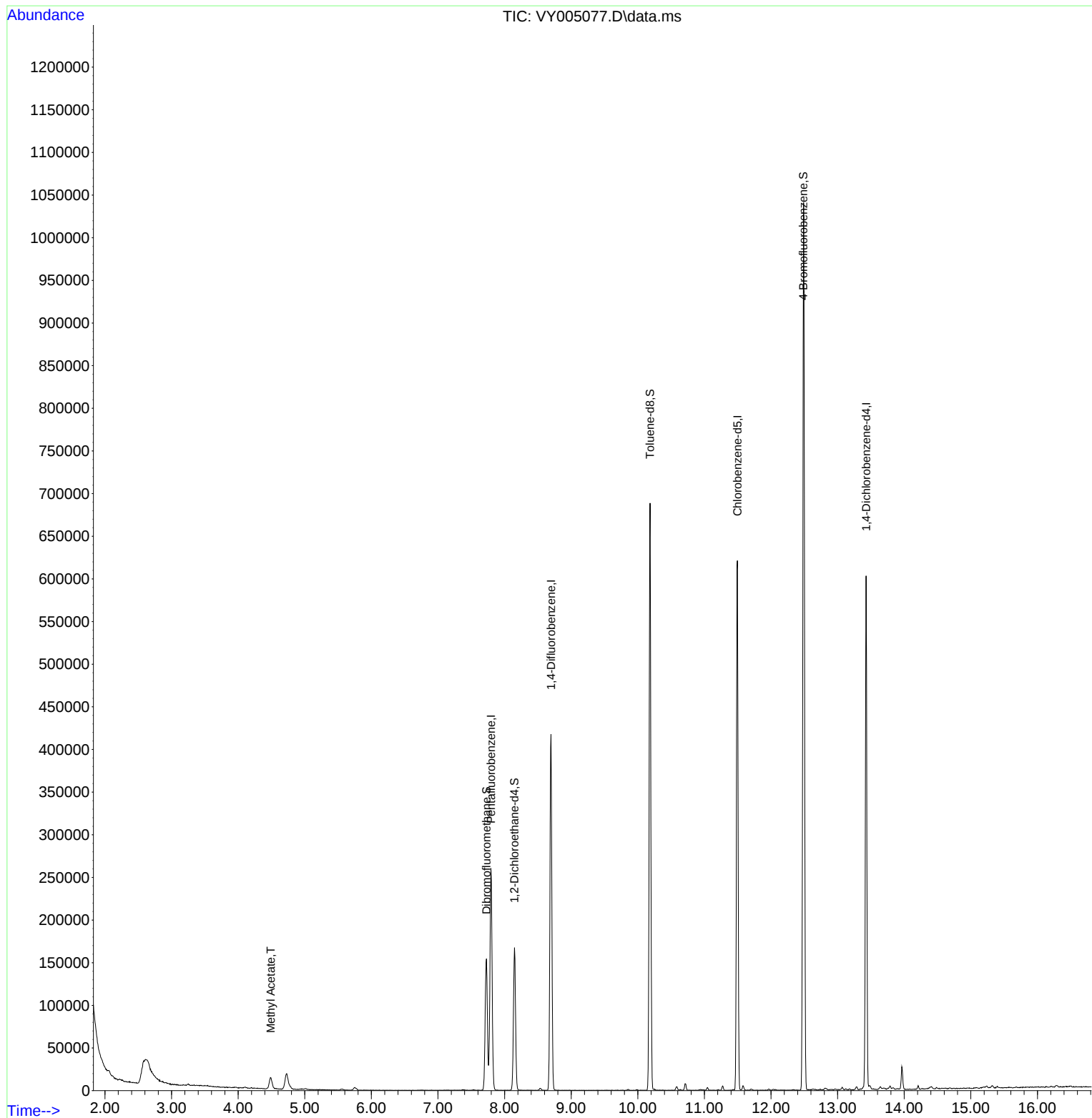
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|------------|-----------|
| -----                       |        |       |          |          |            |           |
| Internal Standards          |        |       |          |          |            |           |
| 1) Pentafluorobenzene       | 7.795  | 168   | 200749   | 50.000   | ug/l       | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 361701   | 50.000   | ug/l       | 0.00      |
| 63) Chlorobenzene-d5        | 11.495 | 117   | 343896   | 50.000   | ug/l       | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 151117   | 50.000   | ug/l       | 0.00      |
| System Monitoring Compounds |        |       |          |          |            |           |
| 33) 1,2-Dichloroethane-d4   | 8.148  | 65    | 125256   | 59.020   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 118.040% |           |
| 35) Dibromofluoromethane    | 7.728  | 113   | 112002   | 57.555   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 115.120% |           |
| 50) Toluene-d8              | 10.185 | 98    | 447759   | 55.402   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 110.800% |           |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 154244   | 55.493   | ug/l       | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 110.980% |           |
| Target Compounds            |        |       |          |          |            |           |
| 18) Methyl Acetate          | 4.490  | 43    | 27920    | 17.054   | ug/l       | Qvalue 99 |
| -----                       |        |       |          |          |            |           |

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

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Sample : M2666-03  
Misc : 3.53G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
R-TO-C-2

Quant Time: Jun 11 05:05:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration

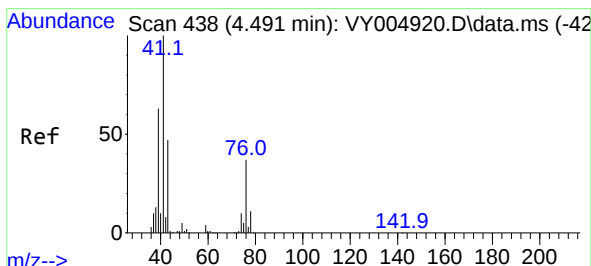
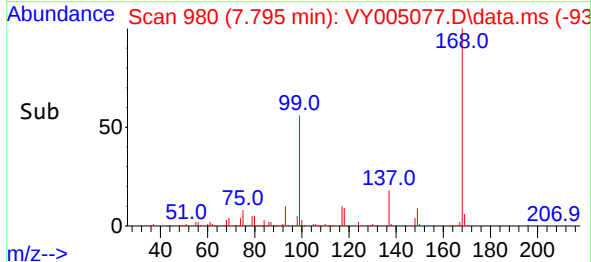
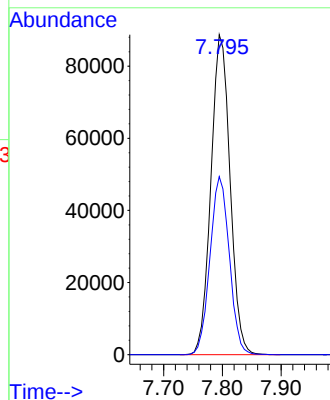
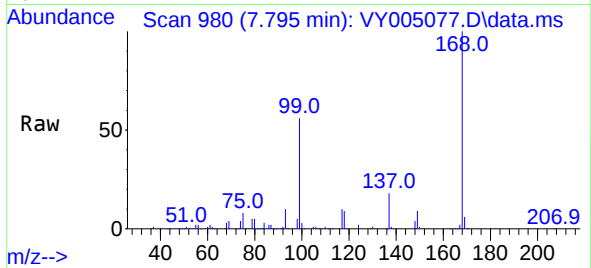




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

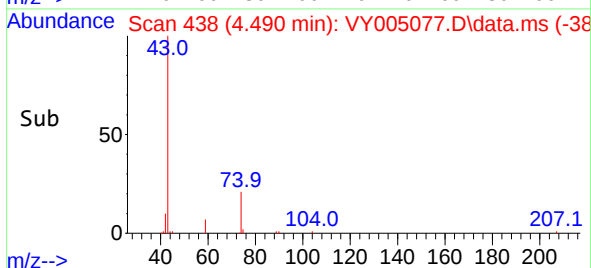
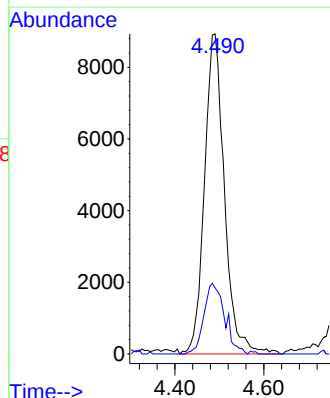
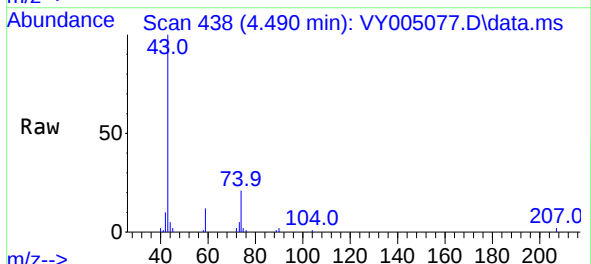
Instrument :  
MSVOA\_Y  
ClientSampleId :  
R-TO-C-2

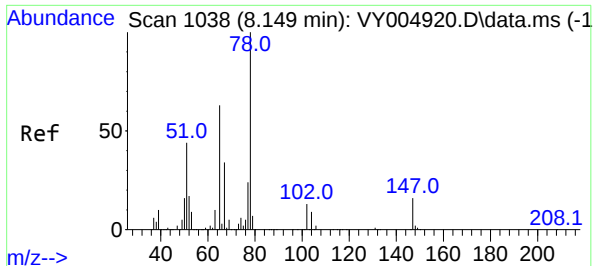
Tgt Ion:168 Resp: 200749  
Ion Ratio Lower Upper  
168 100  
99 55.7 43.9 65.9



#18  
Methyl Acetate  
Concen: 17.054 ug/l  
RT: 4.490 min Scan# 438  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

Tgt Ion: 43 Resp: 27920  
Ion Ratio Lower Upper  
43 100  
74 23.0 18.0 27.0

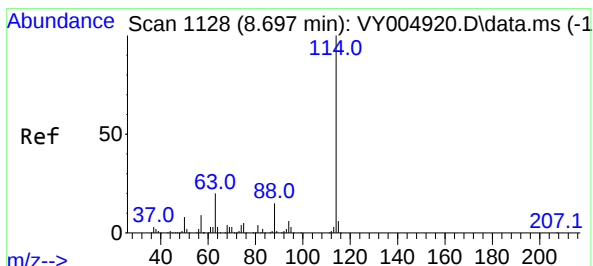
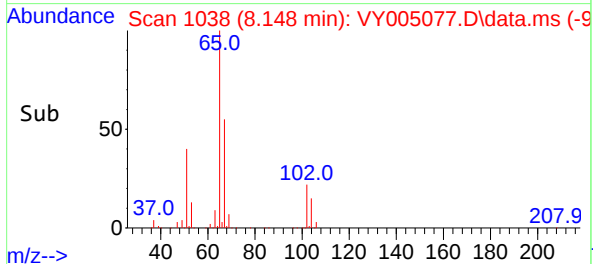
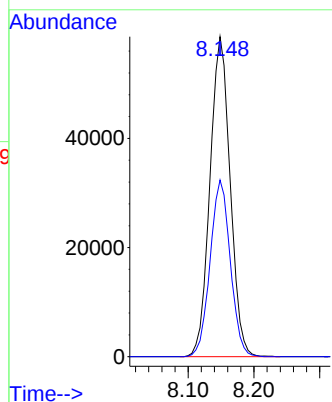
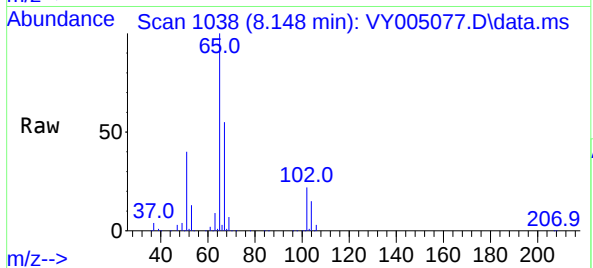




#33  
1,2-Dichloroethane-d4  
Concen: 59.020 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

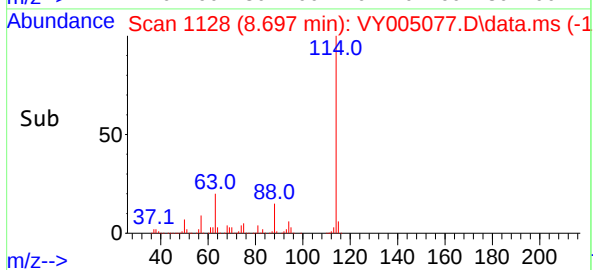
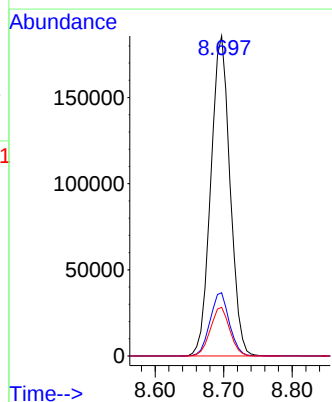
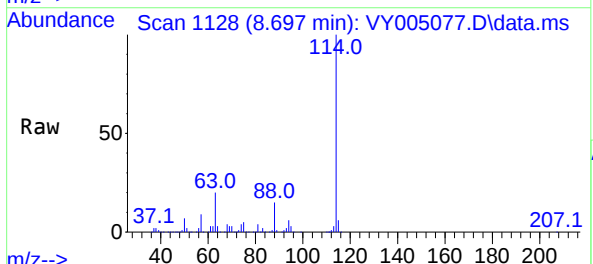
Instrument :  
MSVOA\_Y  
ClientSampleId :  
R-TO-C-2

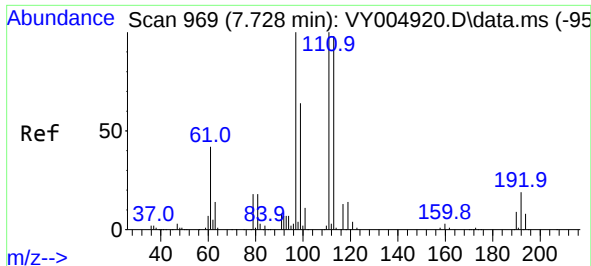
Tgt Ion: 65 Resp: 125256  
Ion Ratio Lower Upper  
65 100  
67 55.1 0.0 110.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

Tgt Ion: 114 Resp: 361701  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 41.0  
88 15.2 0.0 30.6



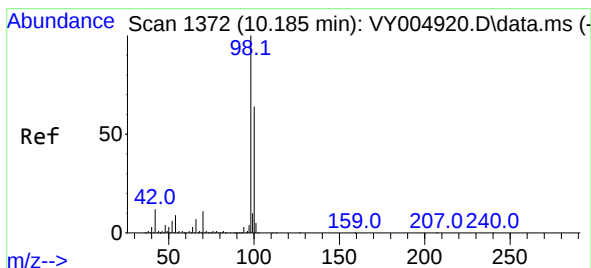
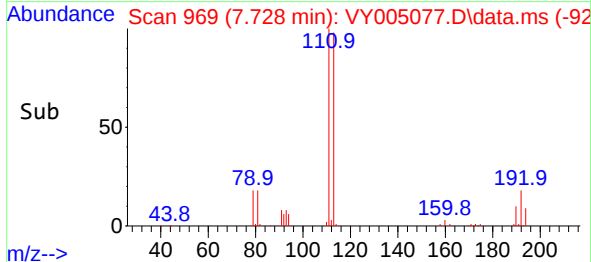
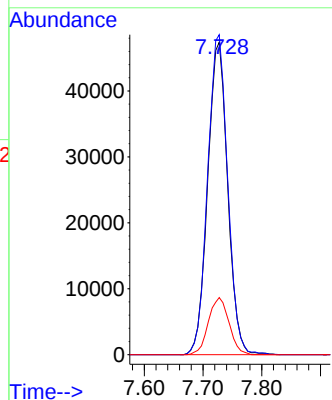
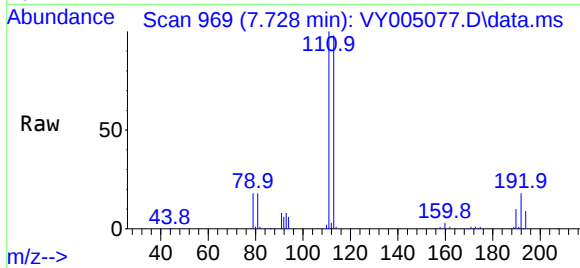


#35  
Dibromofluoromethane  
Concen: 57.555 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

Instrument :  
MSVOA\_Y  
ClientSampleId :  
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Tgt Ion:113 Resp: 112002

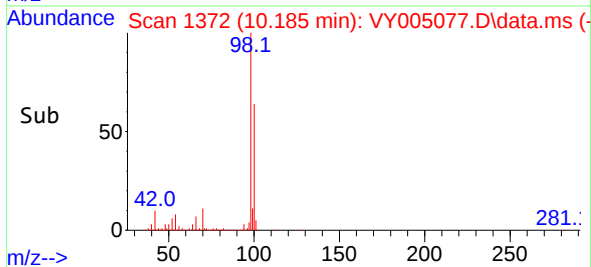
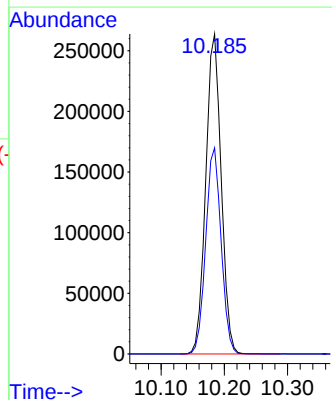
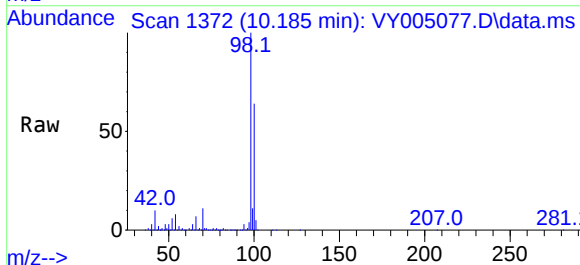
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 113 | 100   |       |       |
| 111 | 102.7 | 81.8  | 122.8 |
| 192 | 18.8  | 15.3  | 22.9  |

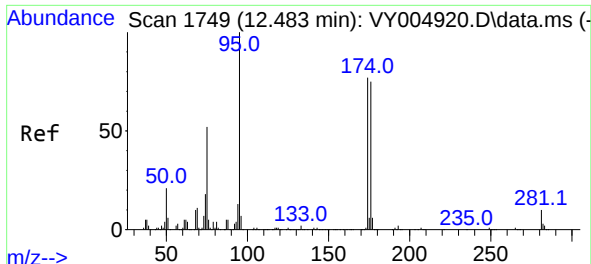


#50  
Toluene-d8  
Concen: 55.402 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

Tgt Ion: 98 Resp: 447759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 64.3  | 51.8  | 77.6  |

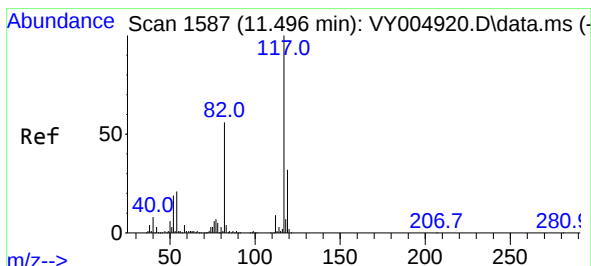
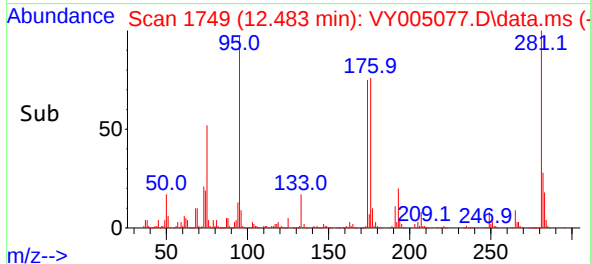
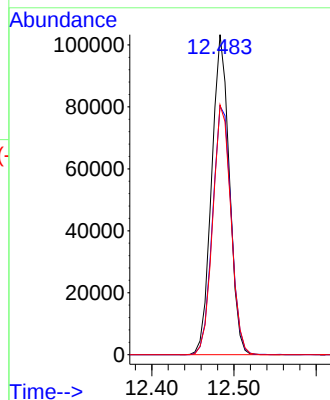
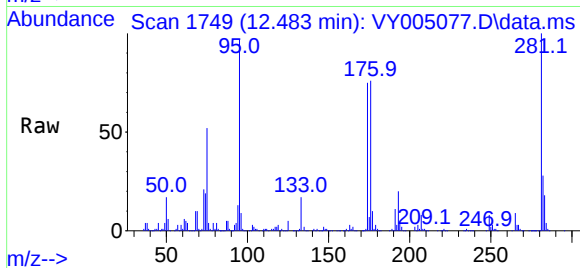




#62  
4-Bromofluorobenzene  
Concen: 55.493 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

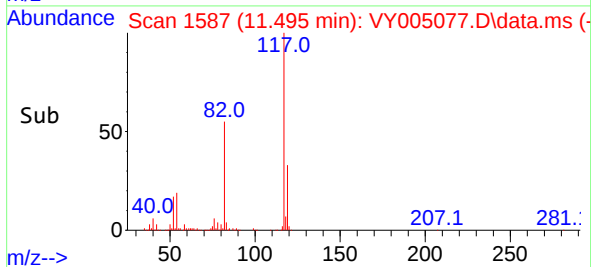
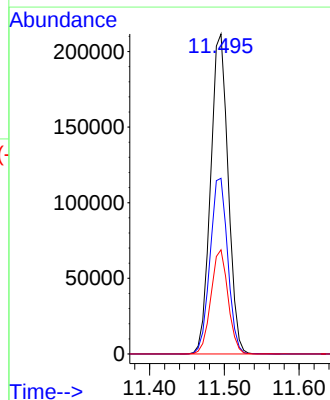
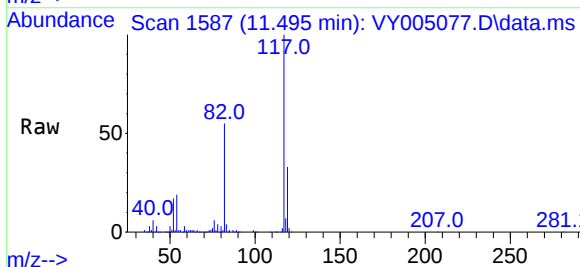
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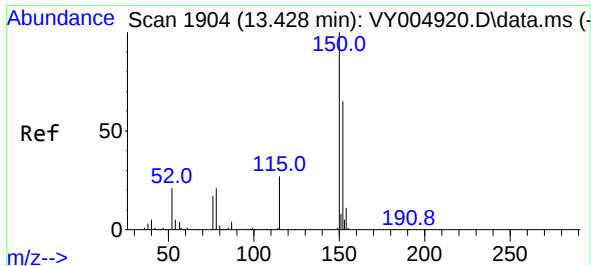
Tgt Ion: 95 Resp: 154244  
Ion Ratio Lower Upper  
95 100  
174 81.2 0.0 160.8  
176 79.8 0.0 155.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005077.D  
Acq: 10 Jun 2021 15:19

Tgt Ion: 117 Resp: 343896  
Ion Ratio Lower Upper  
117 100  
82 54.9 44.8 67.2  
119 32.5 25.2 37.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005077.D  
 Acq: 10 Jun 2021 15:19

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
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Tgt Ion:152 Resp: 151117  
 Ion Ratio Lower Upper  
 152 100  
 115 58.6 29.9 89.7  
 150 156.8 0.0 347.8

