

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY062521\  
 Data File : VY005234.D  
 Acq On : 25 Jun 2021 18:23  
 Operator : SY/MD  
 Sample : M2857-15  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-18-9.5-10.0

Quant Time: Jun 26 05:14:02 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

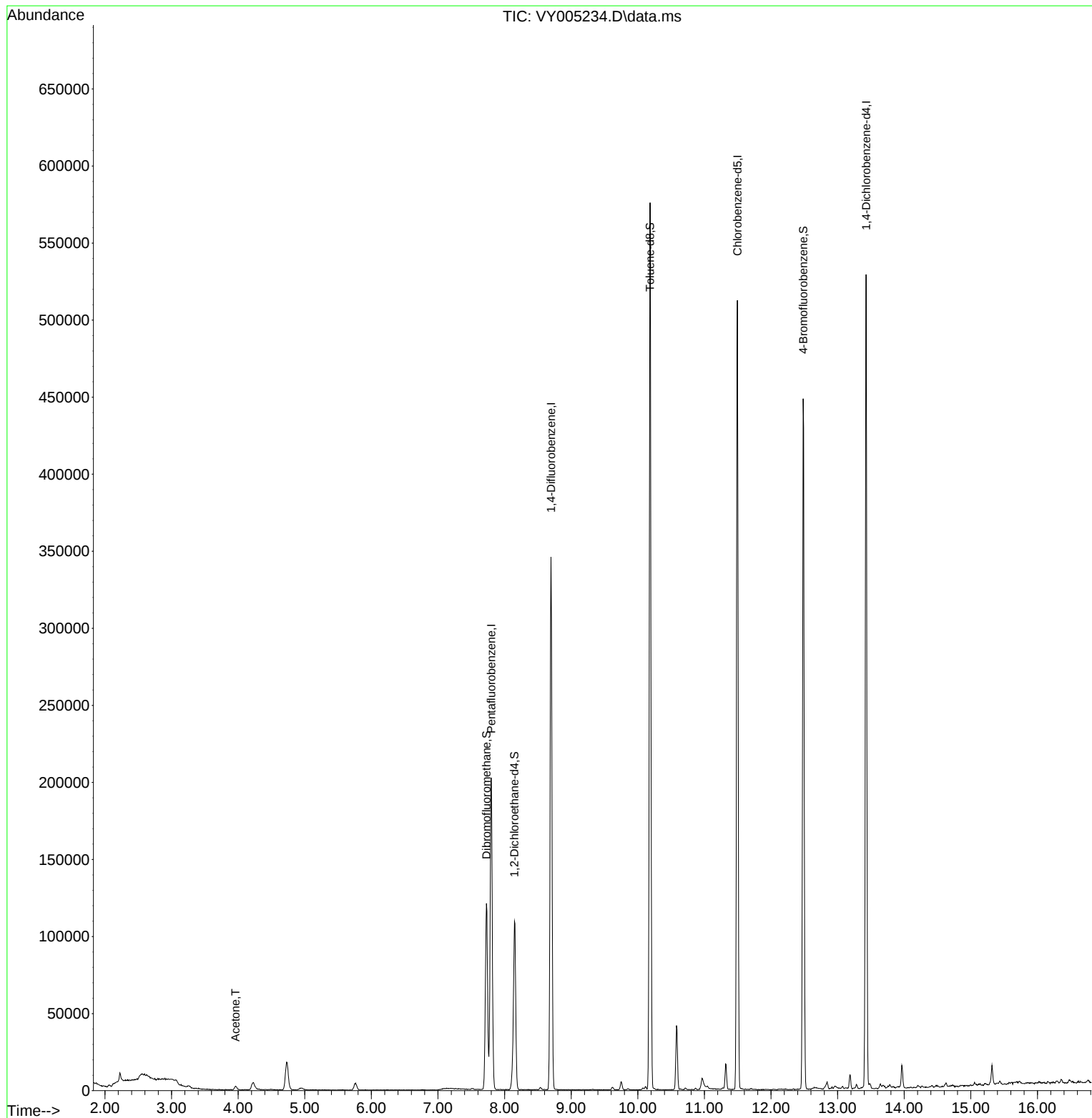
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.801  | 168   | 171287   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.697  | 114   | 303776   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.496 | 117   | 295729   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 144461   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65    | 82936    | 58.347   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 116.700%  |
| 35) Dibromofluoromethane    | 7.728  | 113   | 84658    | 47.255   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 94.500%   |
| 50) Toluene-d8              | 10.185 | 98    | 372315   | 51.967   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 103.940%  |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 126558   | 53.011   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 106.020%  |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 3.960  | 43    | 3942     | 12.005   | ug/l  | Qvalue 96 |
| -----                       |        |       |          |          |       |           |

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

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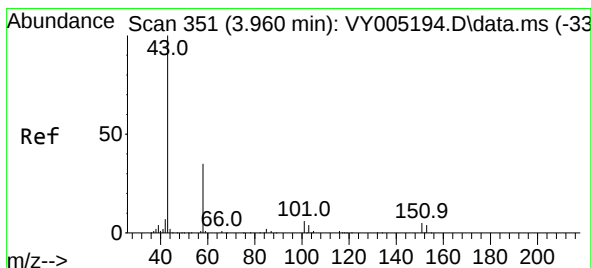
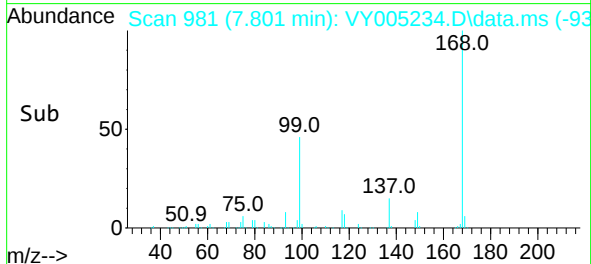
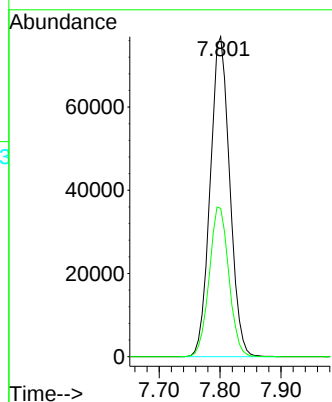
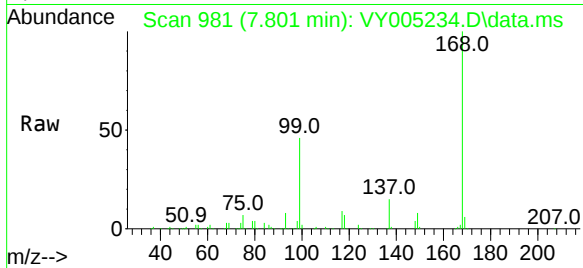




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

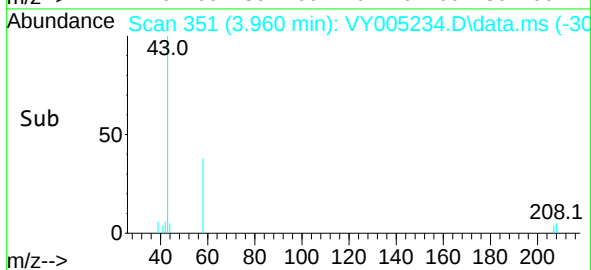
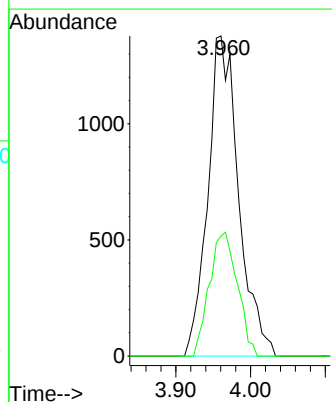
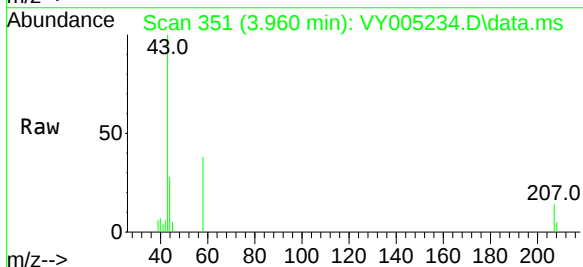
Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-18-9.5-10.0

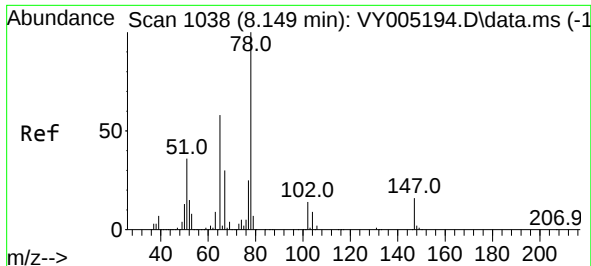
Tgt Ion:168 Resp: 171287  
Ion Ratio Lower Upper  
168 100  
99 46.3 36.2 54.4



#16  
Acetone  
Concen: 12.005 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

Tgt Ion: 43 Resp: 3942  
Ion Ratio Lower Upper  
43 100  
58 37.5 28.2 42.2

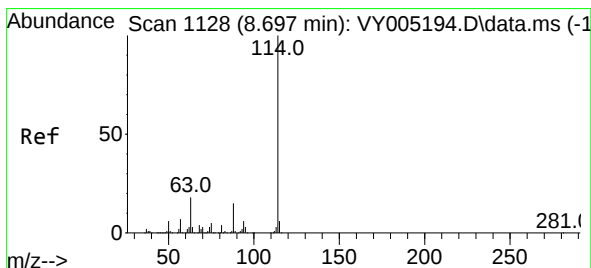
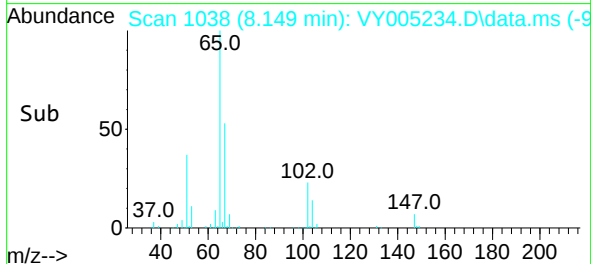
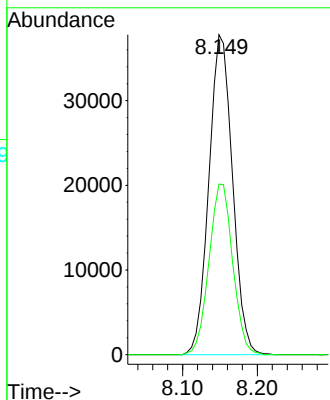
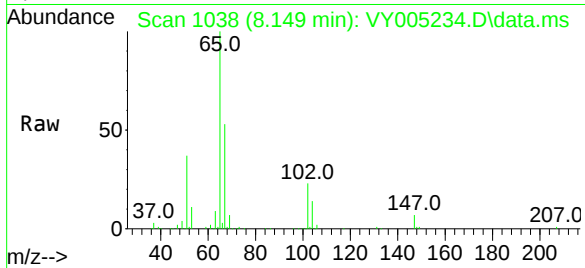




#33  
 1,2-Dichloroethane-d4  
 Concen: 58.347 ug/l  
 RT: 8.149 min Scan# 1038  
 Delta R.T. -0.000 min  
 Lab File: VY005234.D  
 Acq: 25 Jun 2021 18:23

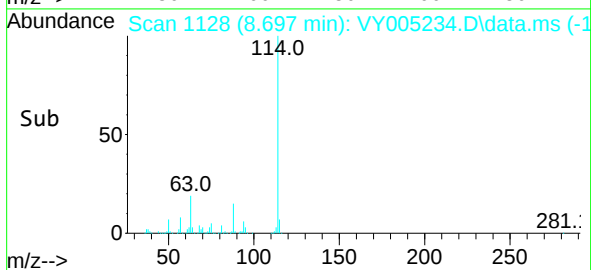
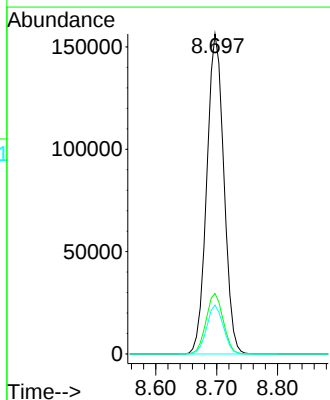
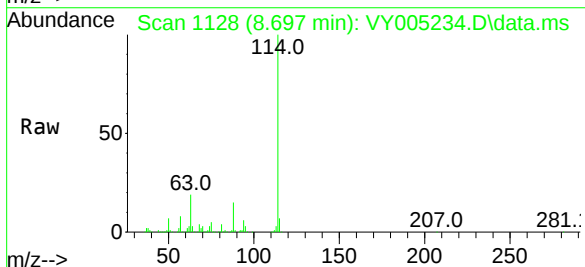
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-18-9.5-10.0

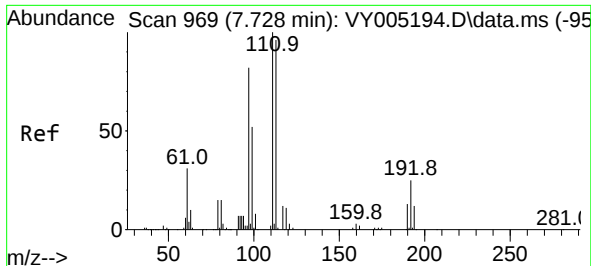
Tgt Ion: 65 Resp: 82936  
 Ion Ratio Lower Upper  
 65 100  
 67 53.6 0.0 110.6



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.697 min Scan# 1128  
 Delta R.T. -0.000 min  
 Lab File: VY005234.D  
 Acq: 25 Jun 2021 18:23

Tgt Ion: 114 Resp: 303776  
 Ion Ratio Lower Upper  
 114 100  
 63 18.9 0.0 35.2  
 88 15.3 0.0 29.4

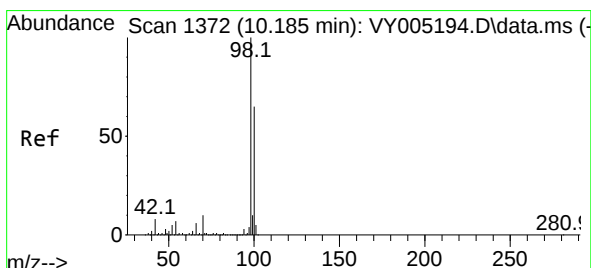
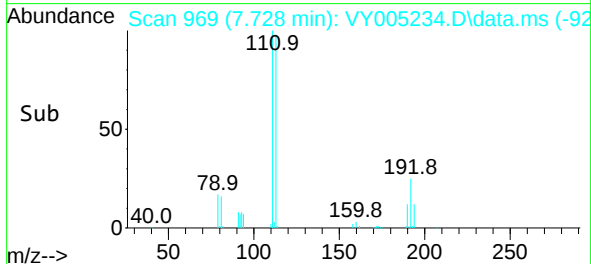
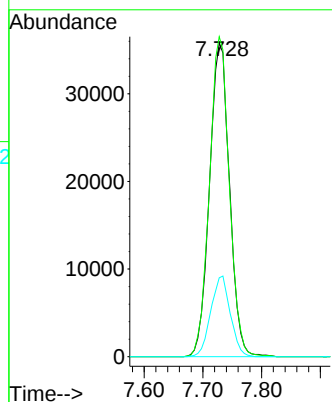
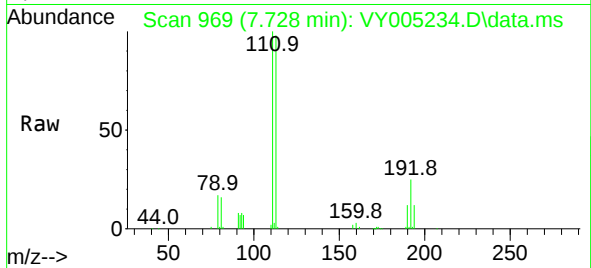




#35  
Dibromofluoromethane  
Concen: 47.255 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

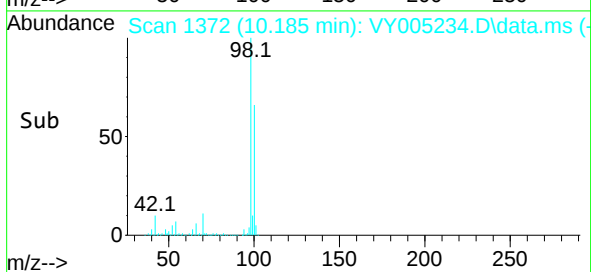
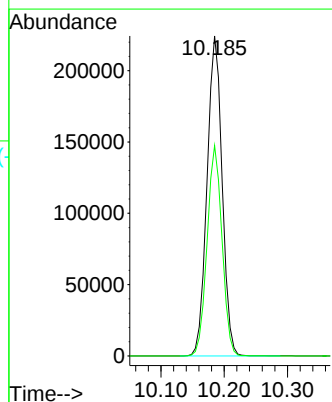
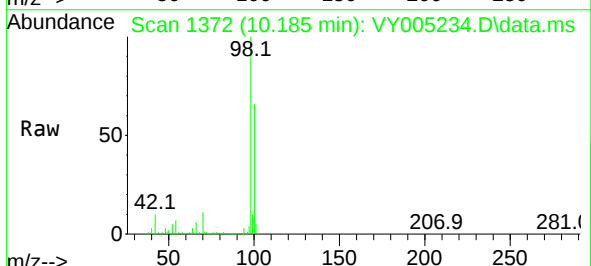
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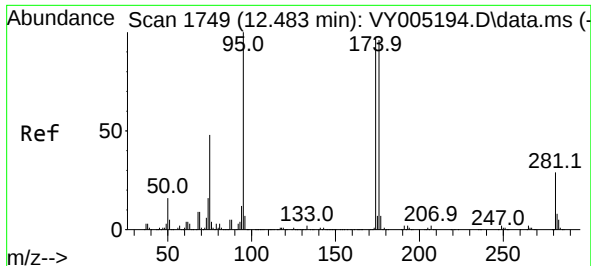
Tgt Ion:113 Resp: 84658  
Ion Ratio Lower Upper  
113 100  
111 101.5 82.6 124.0  
192 25.1 20.2 30.2



#50  
Toluene-d8  
Concen: 51.967 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

Tgt Ion: 98 Resp: 372315  
Ion Ratio Lower Upper  
98 100  
100 64.9 51.9 77.9

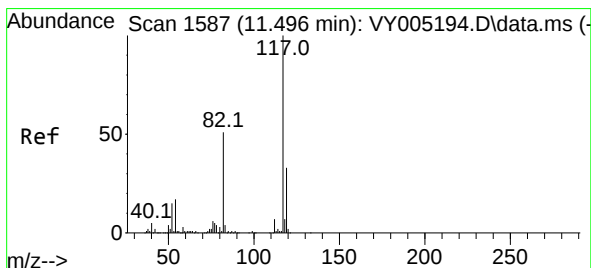
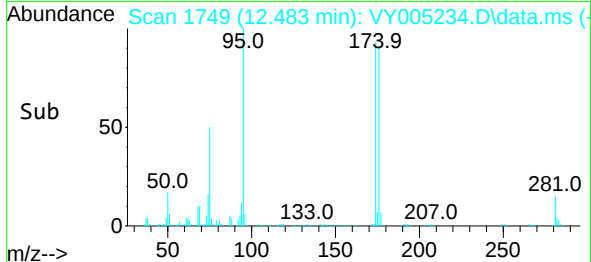
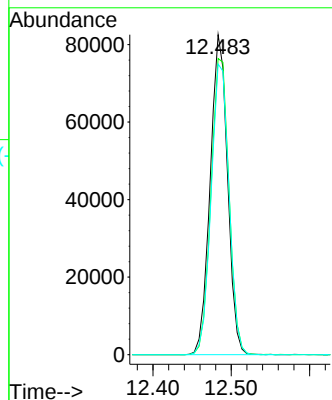
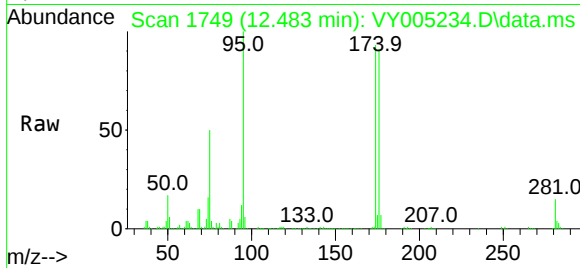




#62  
4-Bromofluorobenzene  
Concen: 53.011 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

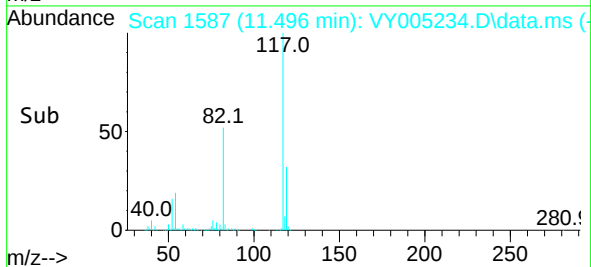
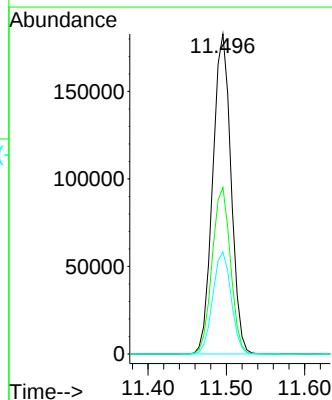
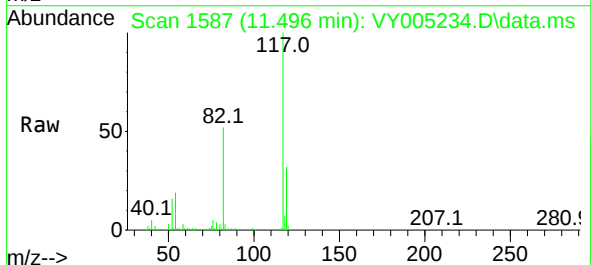
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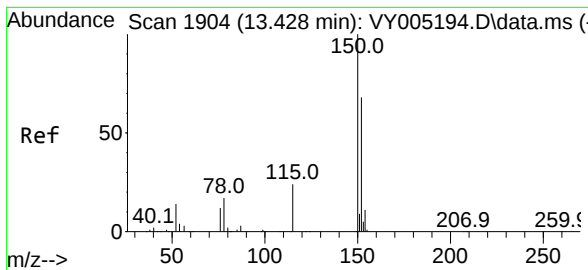
Tgt Ion: 95 Resp: 126558  
Ion Ratio Lower Upper  
95 100  
174 95.9 0.0 201.6  
176 93.8 0.0 197.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005234.D  
Acq: 25 Jun 2021 18:23

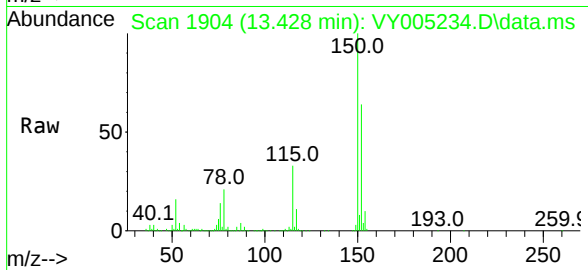
Tgt Ion: 117 Resp: 295729  
Ion Ratio Lower Upper  
117 100  
82 52.0 40.6 60.8  
119 31.9 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005234.D  
 Acq: 25 Jun 2021 18:23

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-18-9.5-10.0



Tgt Ion:152 Resp: 144461  
 Ion Ratio Lower Upper  
 152 100  
 115 53.6 26.3 78.8  
 150 157.7 0.0 344.2

