

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY080421\  
 Data File : VY005533.D  
 Acq On : 04 Aug 2021 13:28  
 Operator : SY/MD  
 Sample : M3271-07  
 Misc : 5.00G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 TP-3

Quant Time: Aug 05 06:39:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

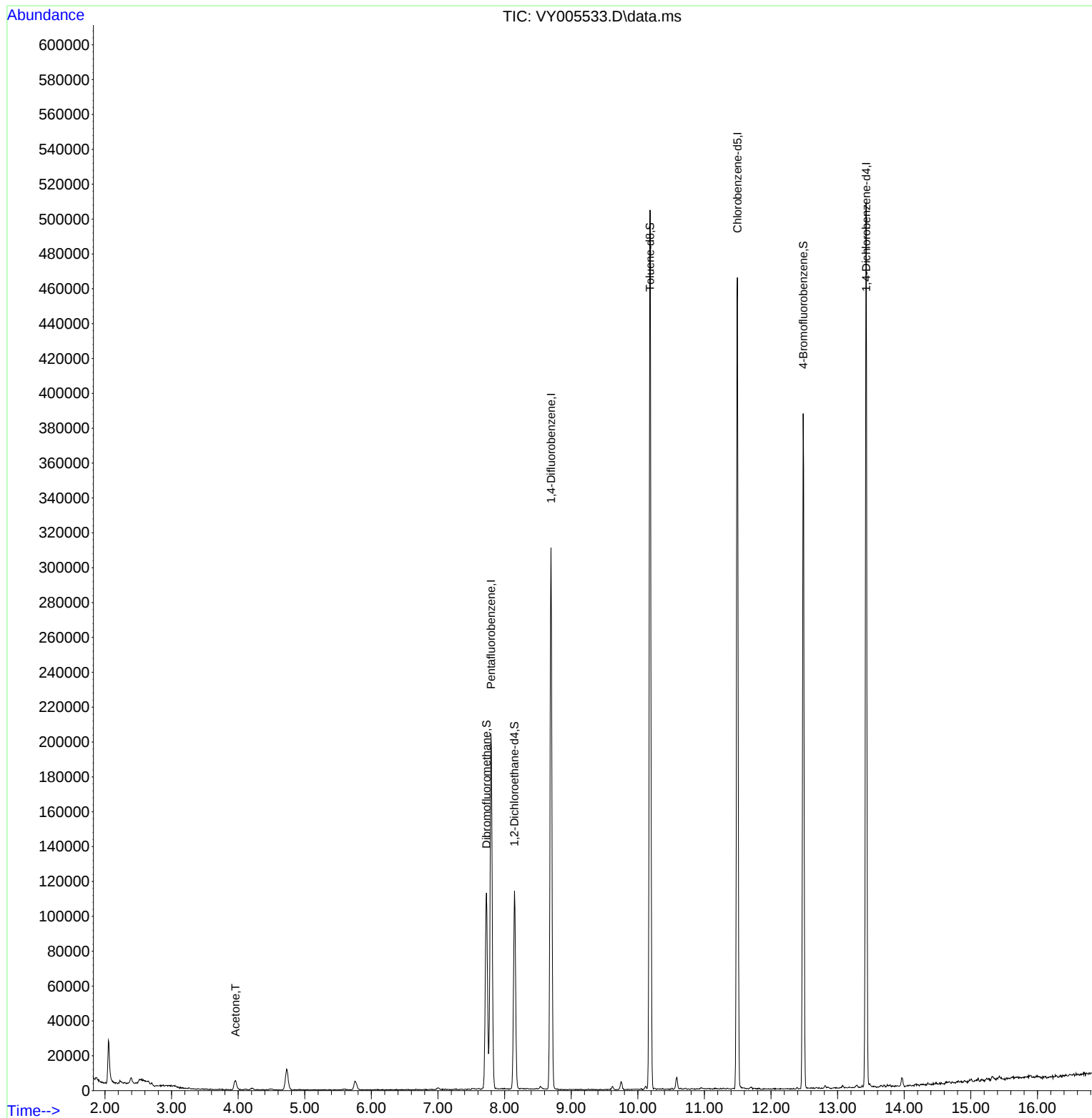
| Compound                    | R.T.   | QIon           | Response | Conc       | Units | Dev(Min)      |
|-----------------------------|--------|----------------|----------|------------|-------|---------------|
| -----                       |        |                |          |            |       |               |
| Internal Standards          |        |                |          |            |       |               |
| 1) Pentafluorobenzene       | 7.795  | 168            | 164770   | 50.000     | ug/l  | 0.00          |
| 34) 1,4-Difluorobenzene     | 8.697  | 114            | 259072   | 50.000     | ug/l  | 0.00          |
| 63) Chlorobenzene-d5        | 11.496 | 117            | 251294   | 50.000     | ug/l  | 0.00          |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152            | 127309   | 50.000     | ug/l  | 0.00          |
| System Monitoring Compounds |        |                |          |            |       |               |
| 33) 1,2-Dichloroethane-d4   | 8.149  | 65             | 91424    | 54.814     | ug/l  | 0.00          |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | = 109.620% |       |               |
| 35) Dibromofluoromethane    | 7.728  | 113            | 76231    | 52.556     | ug/l  | 0.00          |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | = 105.120% |       |               |
| 50) Toluene-d8              | 10.185 | 98             | 325551   | 53.516     | ug/l  | 0.00          |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | = 107.040% |       |               |
| 62) 4-Bromofluorobenzene    | 12.483 | 95             | 110127   | 54.668     | ug/l  | 0.00          |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | = 109.340% |       |               |
| Target Compounds            |        |                |          |            |       |               |
| 16) Acetone                 | 3.960  | 43             | 9417     | 22.394     | ug/l  | Qvalue<br>100 |
| -----                       |        |                |          |            |       |               |

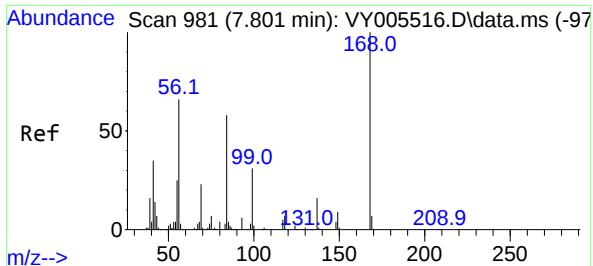
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :  
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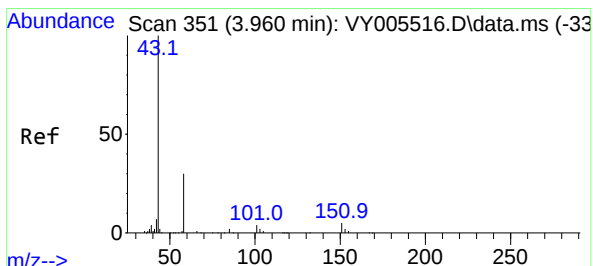
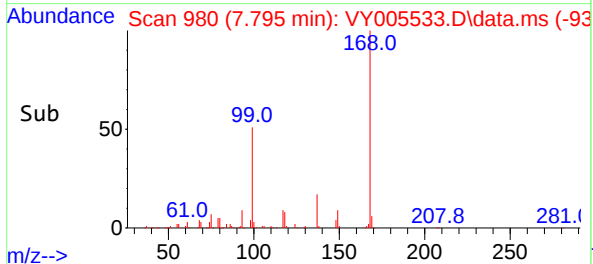
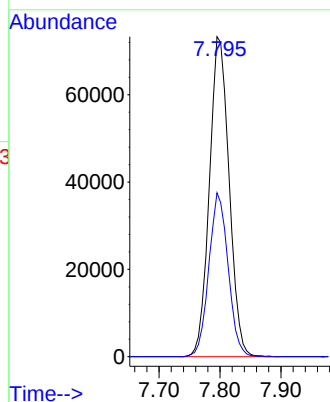
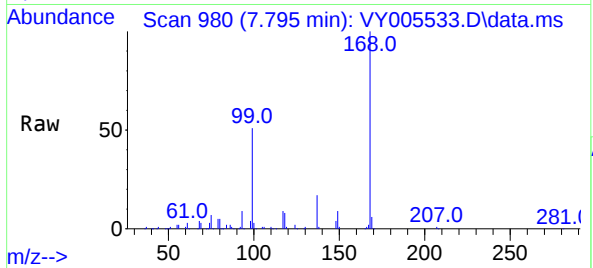




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.006 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

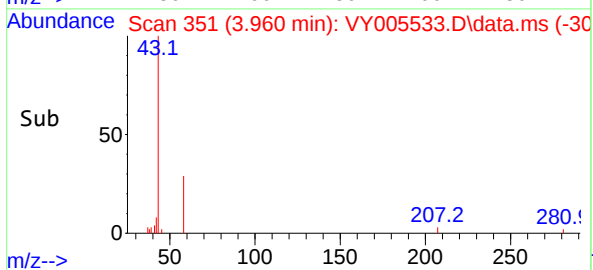
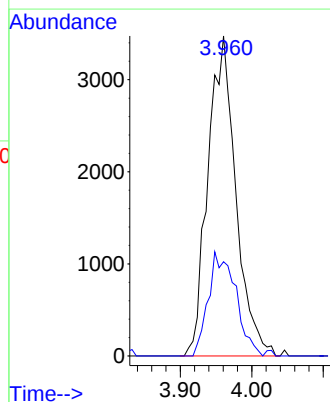
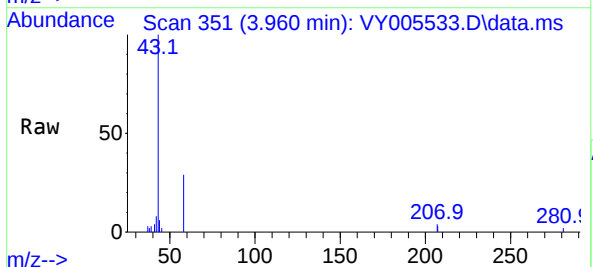
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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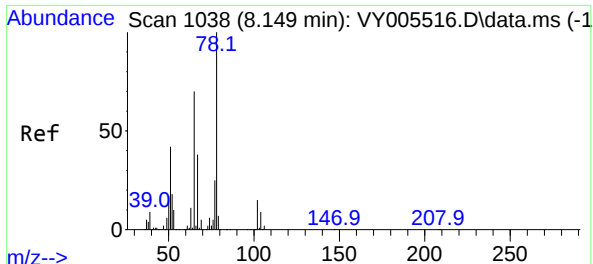
Tgt Ion:168 Resp: 164770  
Ion Ratio Lower Upper  
168 100  
99 51.2 38.9 58.3



#16  
Acetone  
Concen: 22.394 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. 0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

Tgt Ion: 43 Resp: 9417  
Ion Ratio Lower Upper  
43 100  
58 29.4 23.8 35.6

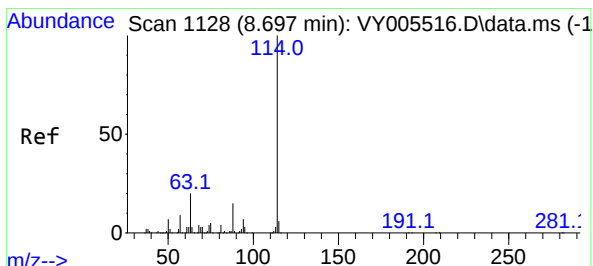
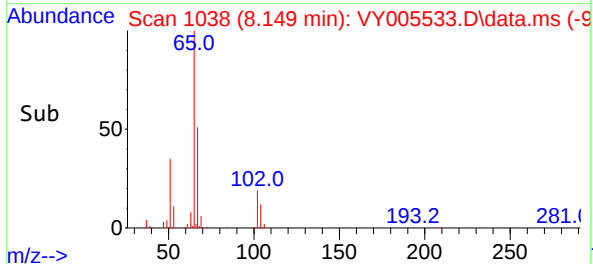
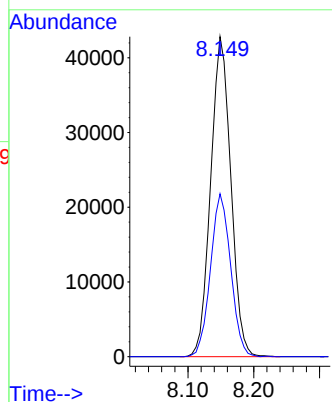
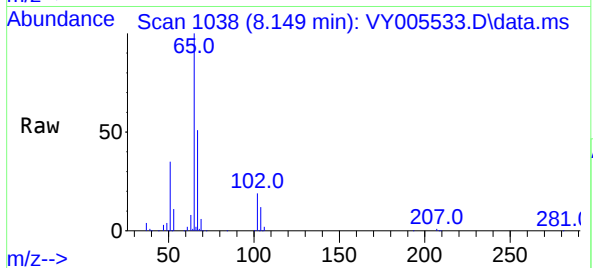




#33  
1,2-Dichloroethane-d4  
Concen: 54.814 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

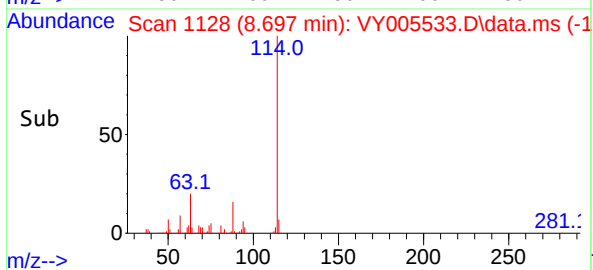
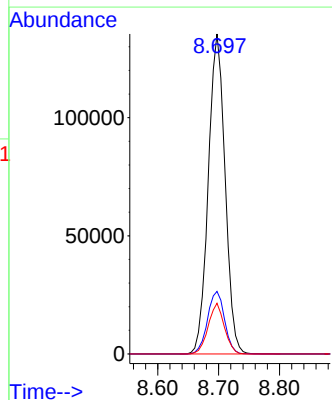
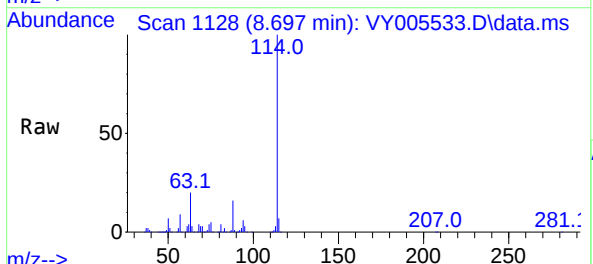
Instrument :  
MSVOA\_Y  
ClientSampled :  
TP-3

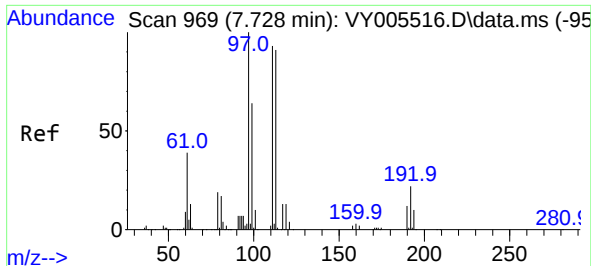
Tgt Ion: 65 Resp: 91424  
Ion Ratio Lower Upper  
65 100  
67 51.0 0.0 103.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

Tgt Ion: 114 Resp: 259072  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 39.2  
88 15.8 0.0 30.8

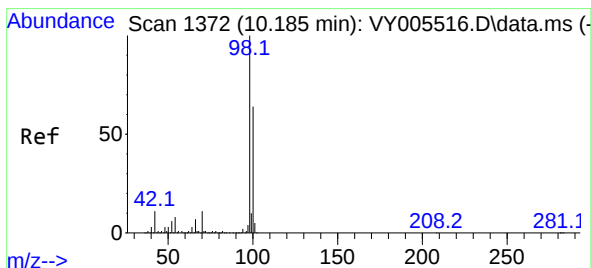
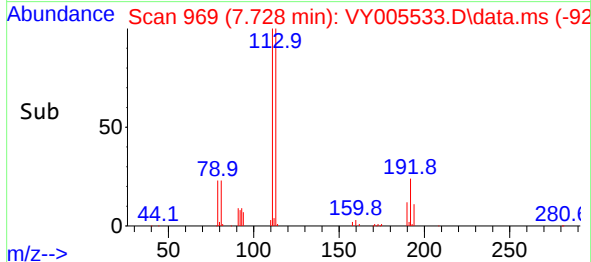
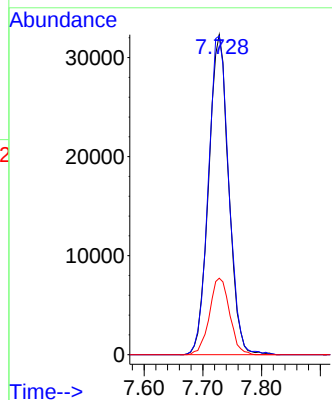
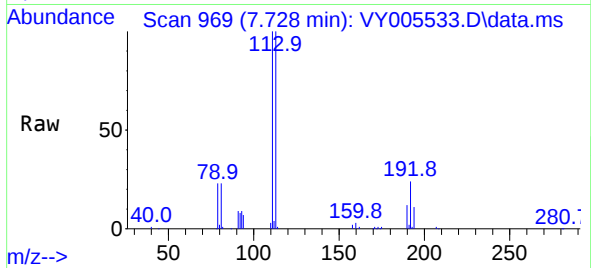




#35  
Dibromofluoromethane  
Concen: 52.556 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. 0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

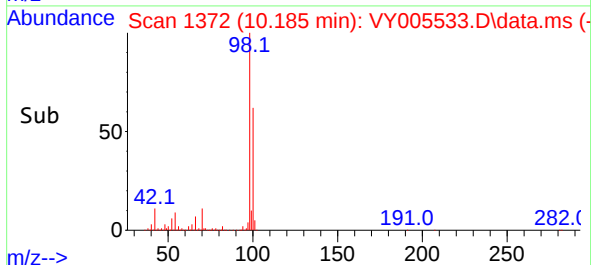
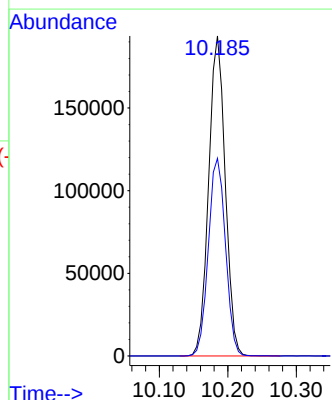
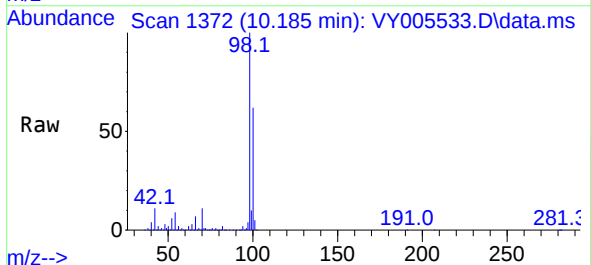
Instrument :  
MSVOA\_Y  
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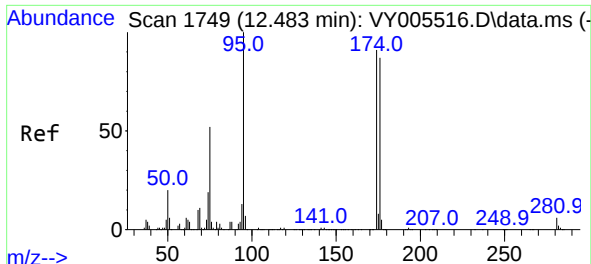
Tgt Ion:113 Resp: 76231  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.9 122.9  
192 24.2 19.2 28.8



#50  
Toluene-d8  
Concen: 53.516 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

Tgt Ion: 98 Resp: 325551  
Ion Ratio Lower Upper  
98 100  
100 63.8 51.3 76.9



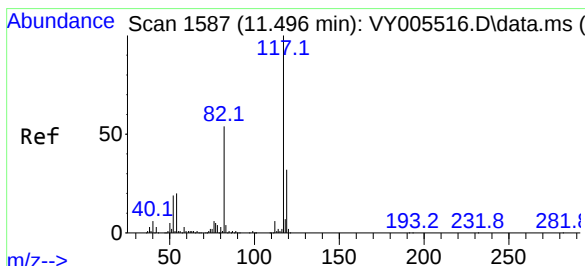
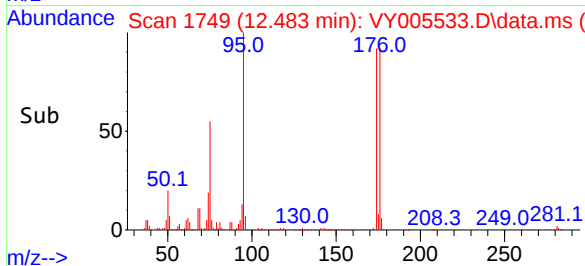
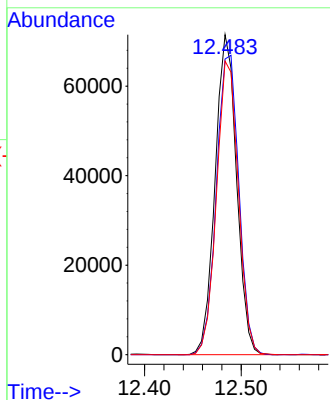
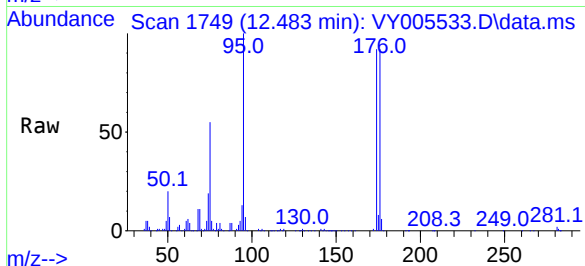


#62  
4-Bromofluorobenzene  
Concen: 54.668 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

Instrument :  
MSVOA\_Y  
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TP-3

Tgt Ion: 95 Resp: 110127

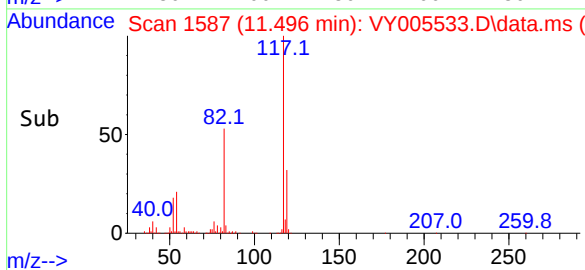
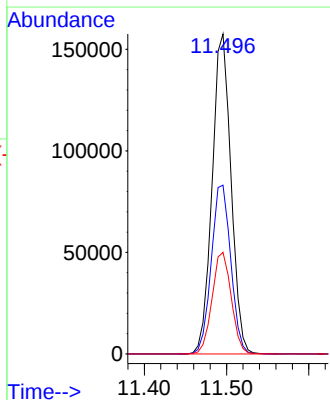
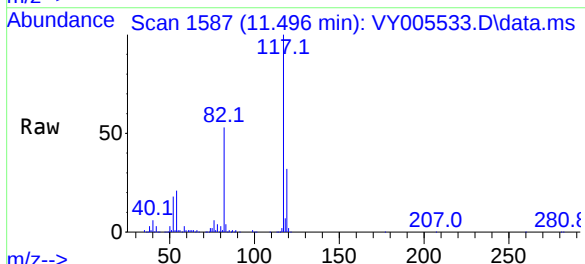
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 174 | 97.9  | 0.0   | 191.4 |
| 176 | 93.2  | 0.0   | 183.6 |

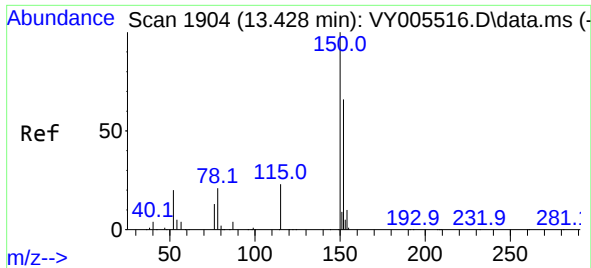


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. 0.000 min  
Lab File: VY005533.D  
Acq: 04 Aug 2021 13:28

Tgt Ion: 117 Resp: 251294

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 82  | 52.7  | 43.5  | 65.3  |
| 119 | 31.7  | 25.5  | 38.3  |





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY005533.D  
 Acq: 04 Aug 2021 13:28

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 TP-3

Tgt Ion:152 Resp: 127309  
 Ion Ratio Lower Upper  
 152 100  
 115 54.1 27.3 81.9  
 150 156.9 0.0 350.2

