

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY041322\  
 Data File : VY008310.D  
 Acq On : 13 Apr 2022 14:16  
 Operator : KP/MD  
 Sample : N2364-05RE  
 Misc : 5.02g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-14.5-15.0RE

Quant Time: Apr 14 05:56:31 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 08 16:02:50 2022  
 Response via : Initial Calibration

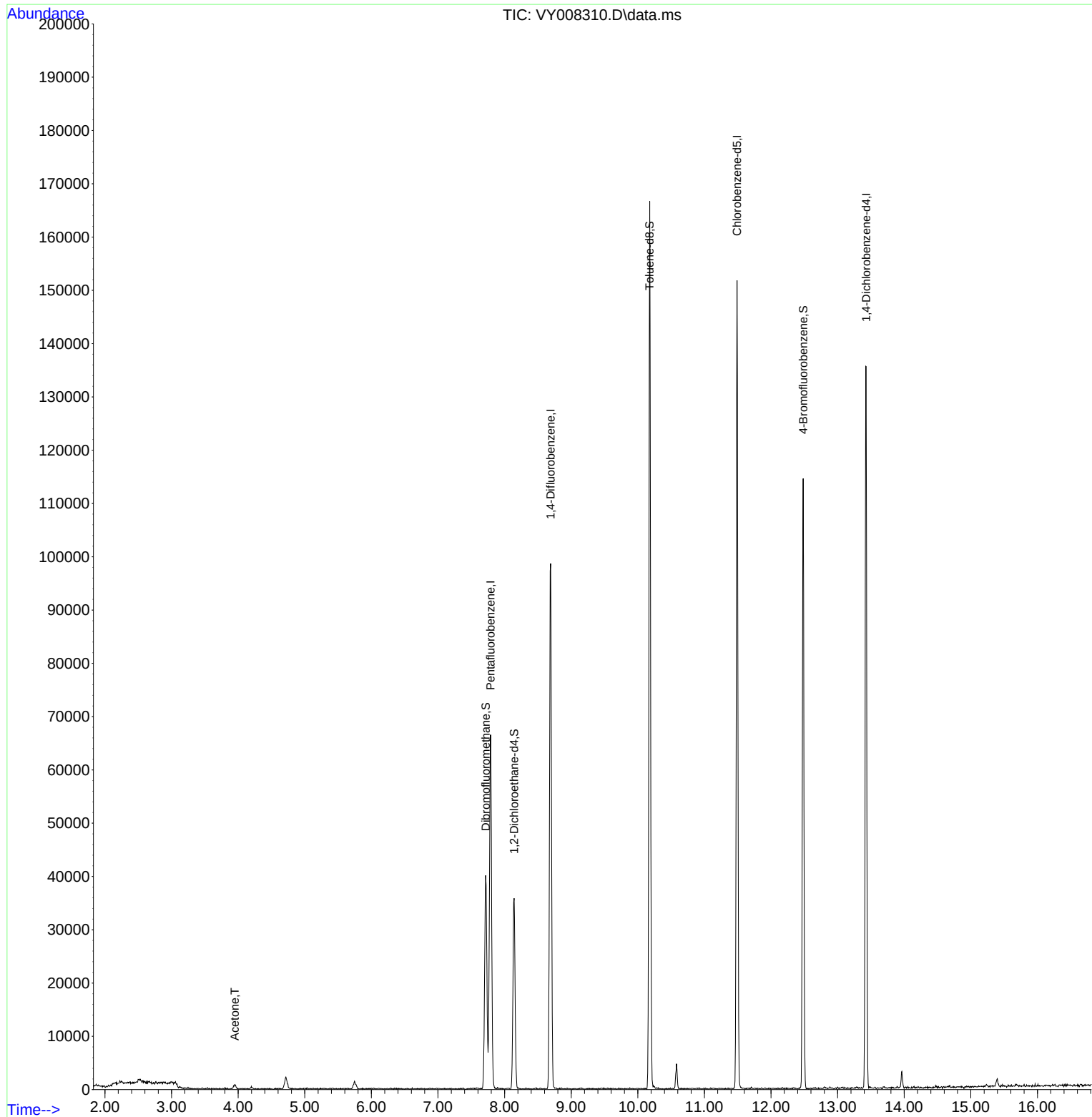
| Compound                    | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|------------|-------------|
| -----                       |        |       |          |          |            |             |
| Internal Standards          |        |       |          |          |            |             |
| 1) Pentafluorobenzene       | 7.789  | 168   | 52298    | 50.000   | ug/l       | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.691  | 114   | 91894    | 50.000   | ug/l       | 0.00        |
| 63) Chlorobenzene-d5        | 11.490 | 117   | 84389    | 50.000   | ug/l       | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.428 | 152   | 35885    | 50.000   | ug/l       | 0.00        |
| System Monitoring Compounds |        |       |          |          |            |             |
| 33) 1,2-Dichloroethane-d4   | 8.143  | 65    | 28168    | 57.340   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 114.680% |             |
| 35) Dibromofluoromethane    | 7.716  | 113   | 28426    | 53.557   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 107.120% |             |
| 50) Toluene-d8              | 10.179 | 98    | 110122   | 60.634   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 121.260% |             |
| 62) 4-Bromofluorobenzene    | 12.483 | 95    | 34656    | 50.733   | ug/l       | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 101.460% |             |
| Target Compounds            |        |       |          |          |            |             |
| 16) Acetone                 | 3.948  | 43    | 1542     | 13.050   | ug/l       | Qvalue # 89 |
| -----                       |        |       |          |          |            |             |

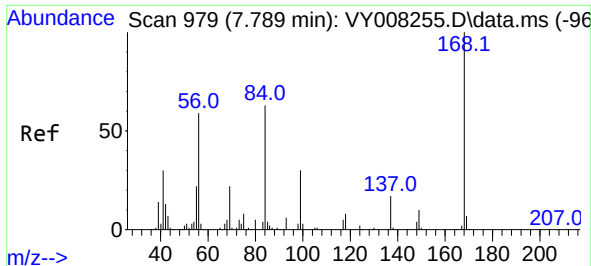
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-03-14.5-15.0RE

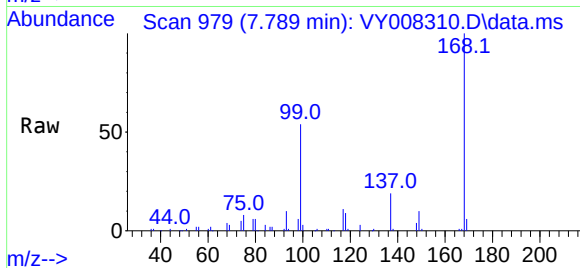
Quant Time: Apr 14 05:56:31 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y040822S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 08 16:02:50 2022  
Response via : Initial Calibration



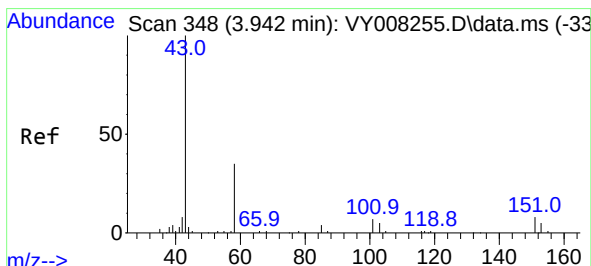
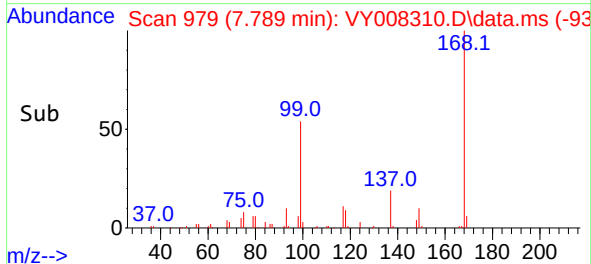
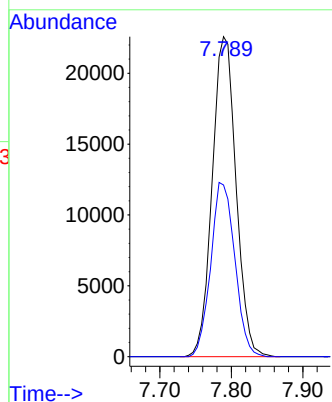


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.789 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

Instrument :  
MSVOA\_Y  
ClientSampleId :  
SB-03-14.5-15.0RE

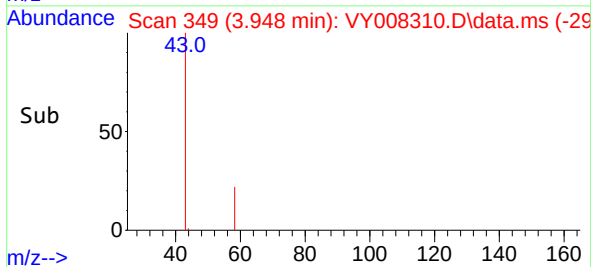
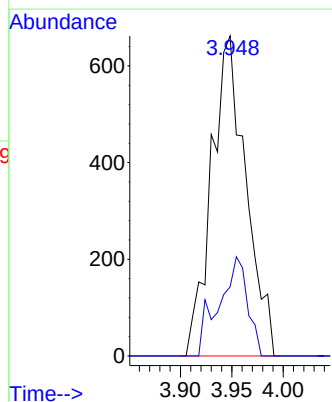
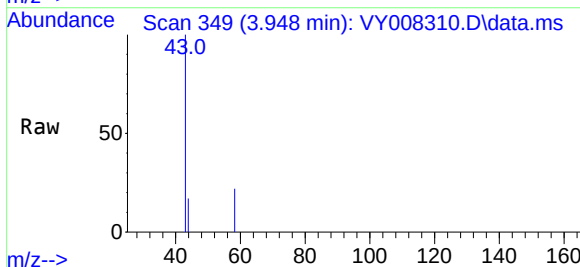


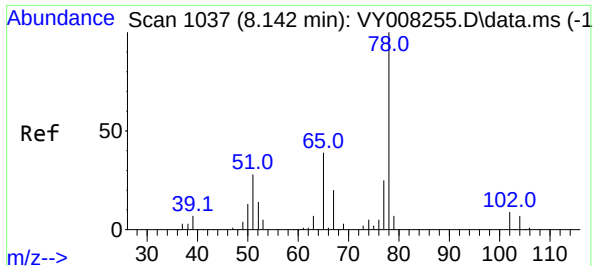
Tgt Ion:168 Resp: 52298  
Ion Ratio Lower Upper  
168 100  
99 53.7 46.9 70.3



#16  
Acetone  
Concen: 13.050 ug/l  
RT: 3.948 min Scan# 349  
Delta R.T. 0.006 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

Tgt Ion: 43 Resp: 1542  
Ion Ratio Lower Upper  
43 100  
58 21.6 22.0 33.0#

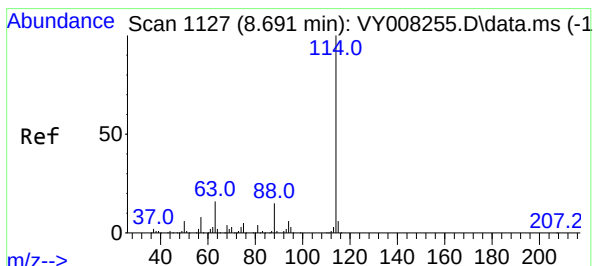
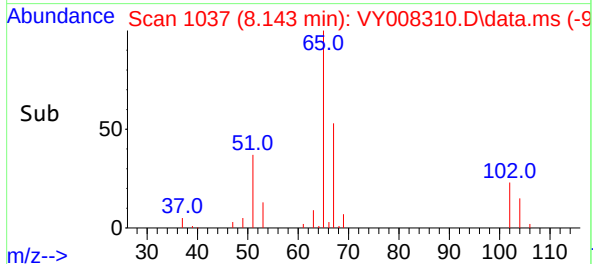
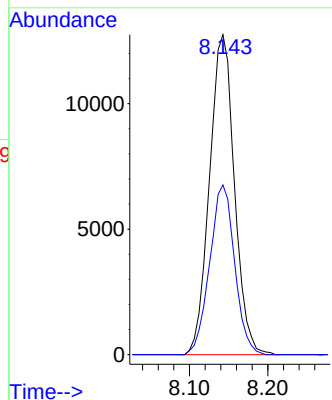
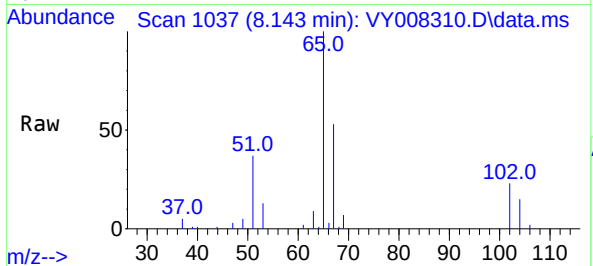




#33  
 1,2-Dichloroethane-d4  
 Concen: 57.340 ug/l  
 RT: 8.143 min Scan# 1037  
 Delta R.T. 0.001 min  
 Lab File: VY008310.D  
 Acq: 13 Apr 2022 14:16

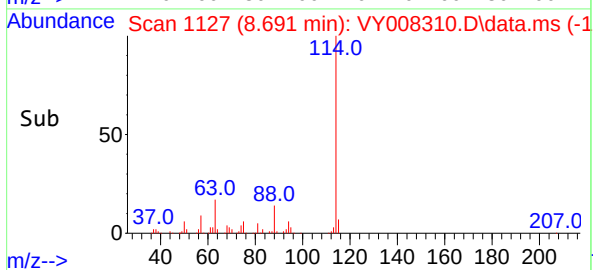
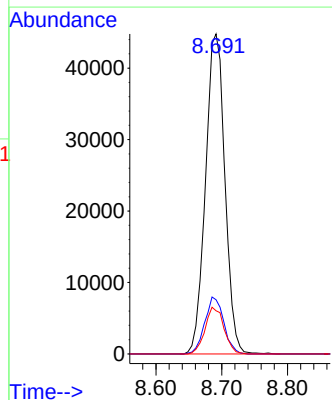
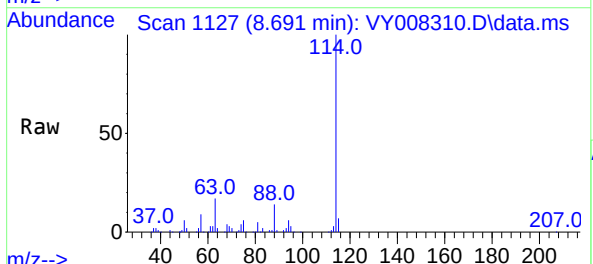
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-14.5-15.0RE

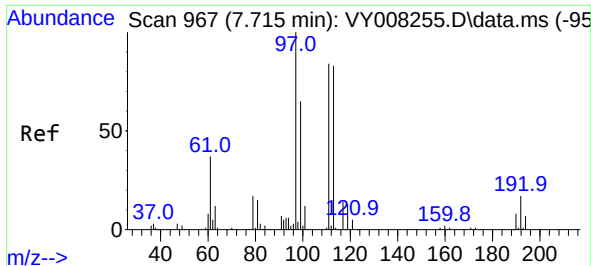
Tgt Ion: 65 Resp: 28168  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 99.4



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.691 min Scan# 1127  
 Delta R.T. 0.000 min  
 Lab File: VY008310.D  
 Acq: 13 Apr 2022 14:16

Tgt Ion: 114 Resp: 91894  
 Ion Ratio Lower Upper  
 114 100  
 63 17.0 0.0 43.2  
 88 13.5 0.0 31.8

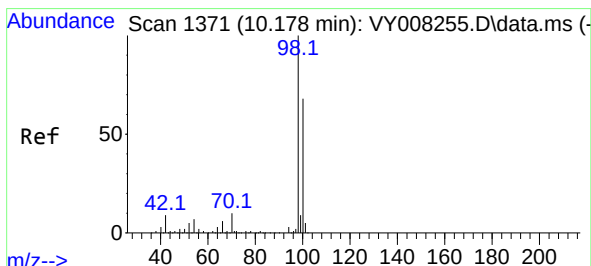
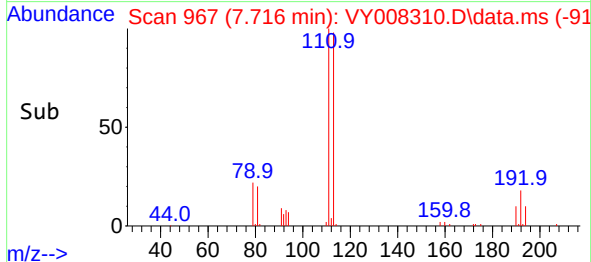
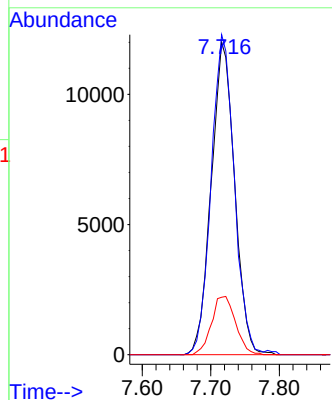
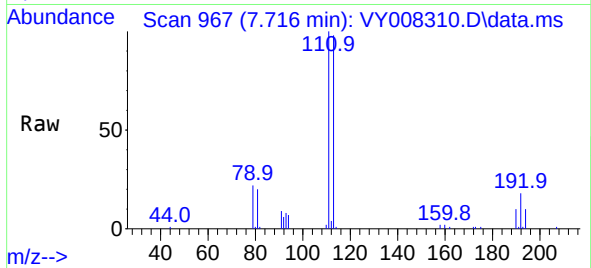




#35  
Dibromofluoromethane  
Concen: 53.557 ug/l  
RT: 7.716 min Scan# 90  
Delta R.T. 0.001 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

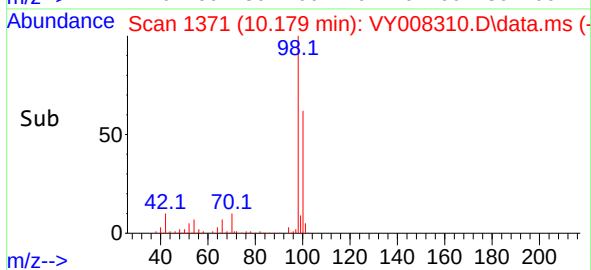
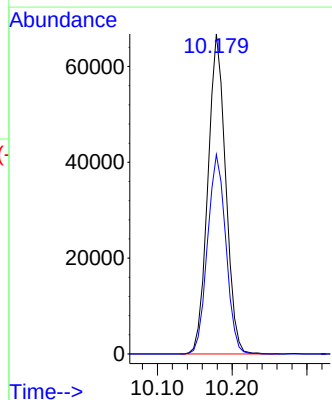
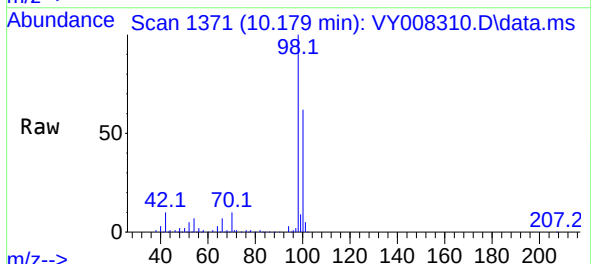
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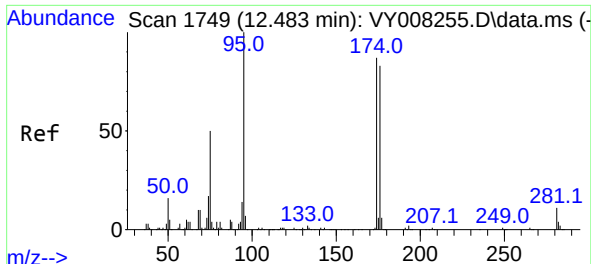
Tgt Ion:113 Resp: 28426  
Ion Ratio Lower Upper  
113 100  
111 101.2 82.6 124.0  
192 19.2 17.6 26.4



#50  
Toluene-d8  
Concen: 60.634 ug/l  
RT: 10.179 min Scan# 1371  
Delta R.T. 0.001 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

Tgt Ion: 98 Resp: 110122  
Ion Ratio Lower Upper  
98 100  
100 64.3 50.2 75.2

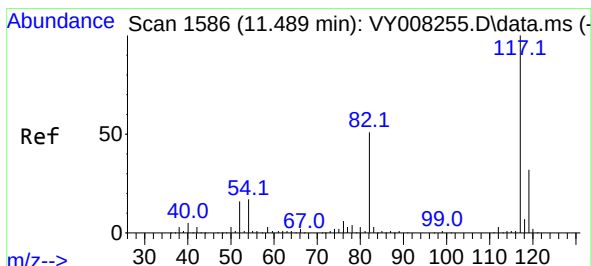
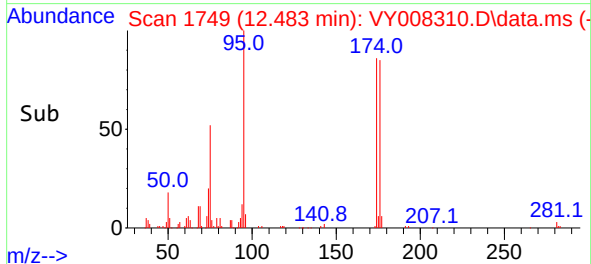
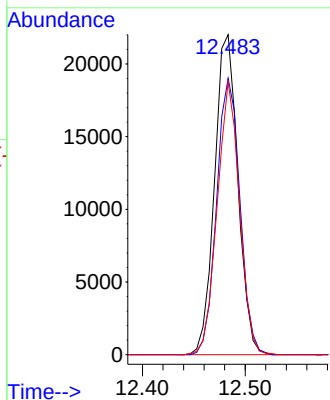
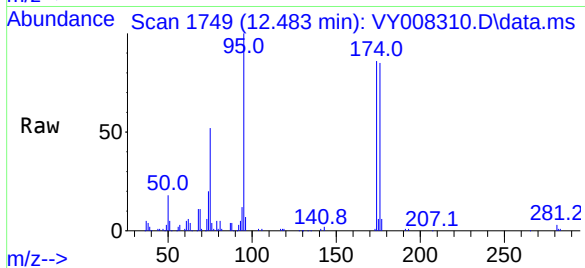




#62  
4-Bromofluorobenzene  
Concen: 50.733 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

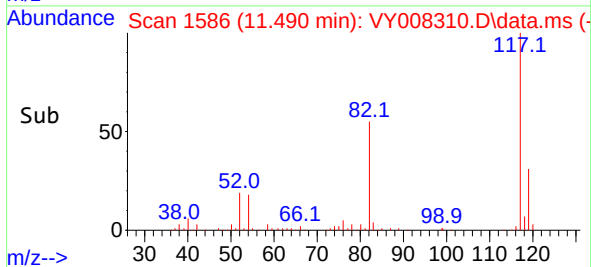
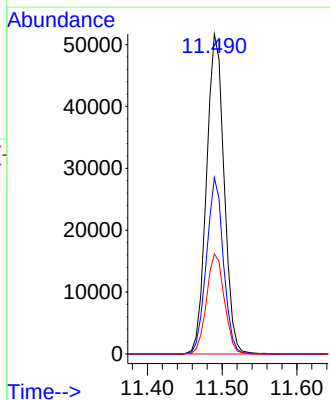
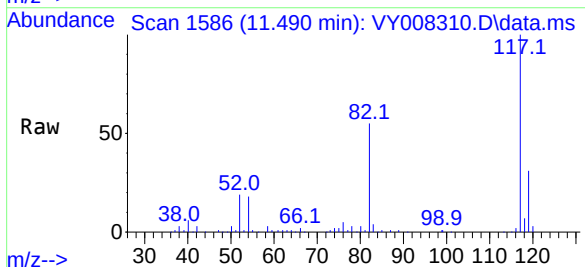
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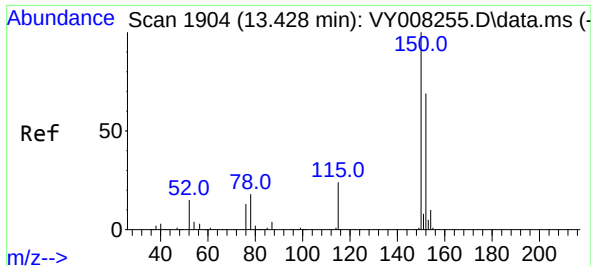
Tgt Ion: 95 Resp: 34656  
Ion Ratio Lower Upper  
95 100  
174 86.1 0.0 177.0  
176 81.6 0.0 175.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 1586  
Delta R.T. 0.001 min  
Lab File: VY008310.D  
Acq: 13 Apr 2022 14:16

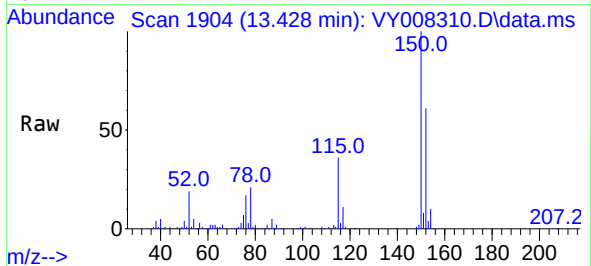
Tgt Ion: 117 Resp: 84389  
Ion Ratio Lower Upper  
117 100  
82 55.1 43.0 64.4  
119 31.3 25.4 38.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.000 min  
 Lab File: VY008310.D  
 Acq: 13 Apr 2022 14:16

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 SB-03-14.5-15.0RE



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 35885 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.3  | 28.2  | 84.7  |
| 150       | 158.6 | 0.0   | 347.6 |

