

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
 Data File : VD080031.D  
 Acq On : 15 Nov 2024 18:07  
 Operator : RP/MD  
 Sample : P4835-03  
 Misc : 5.01G/5ml/MSVOA\_D/SOIL/A  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 345-2-STONE

Quant Time: Nov 15 18:36:08 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 15 16:25:47 2024  
 Response via : Initial Calibration

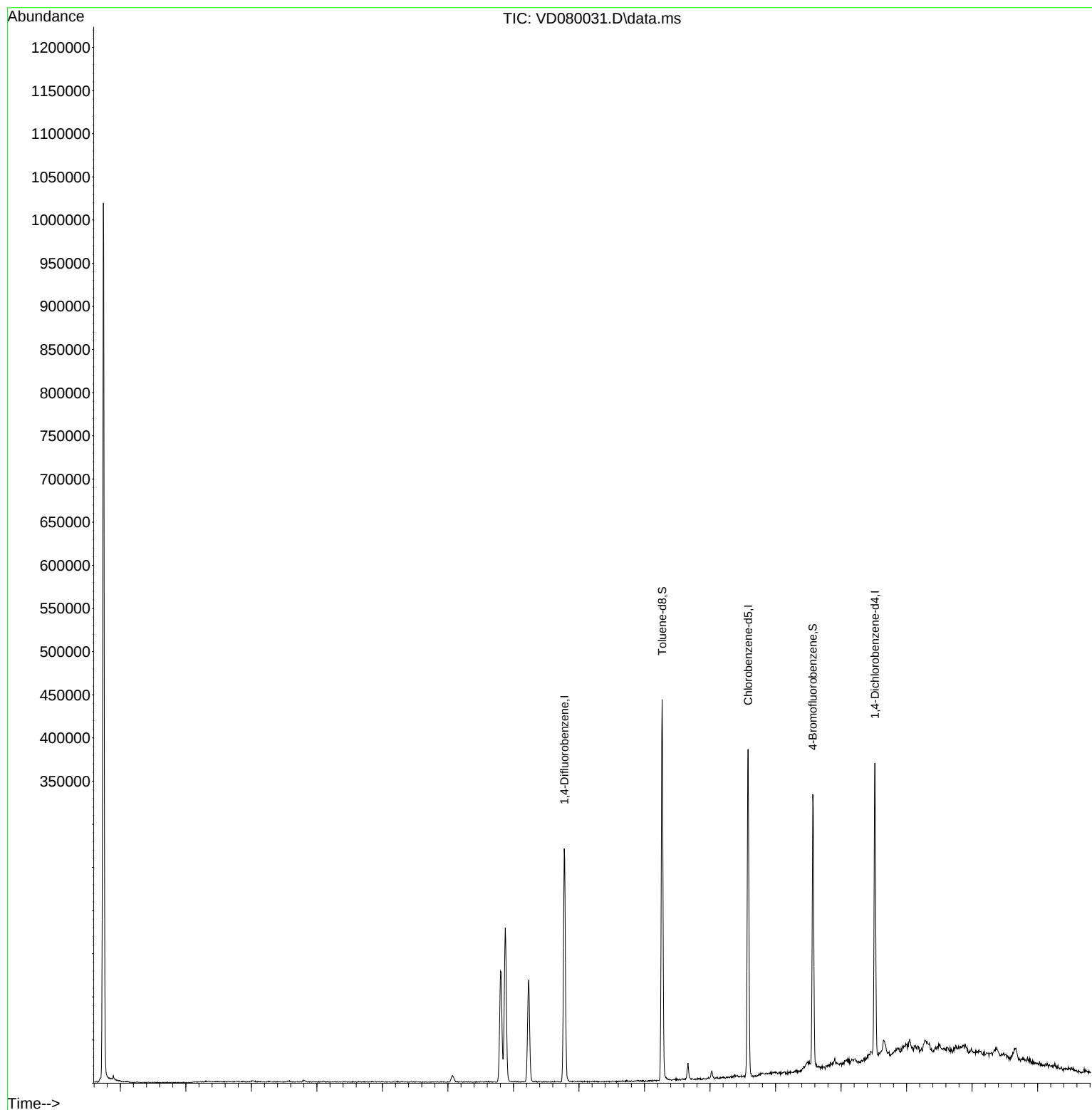
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.875  | 168   | 140414   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.775  | 114   | 241463   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 223457   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.516 | 152   | 94895    | 50.000   | ug/l  | 0.00        |
|                             |        |       |          |          |       |             |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 92182    | 63.763   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 127.520%    |
| 35) Dibromofluoromethane    | 7.805  | 113   | 95659    | 59.526   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 119.060%    |
| 50) Toluene-d8              | 10.269 | 98    | 306336   | 50.577   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 58 - 134 | Recovery | =     | 101.160%    |
| 62) 4-Bromofluorobenzene    | 12.569 | 95    | 100303   | 50.475   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 30 - 143 | Recovery | =     | 100.960%    |
|                             |        |       |          |          |       |             |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.022  | 43    | 2900     | 9.245    | ug/l  | Qvalue # 82 |
| -----                       |        |       |          |          |       |             |

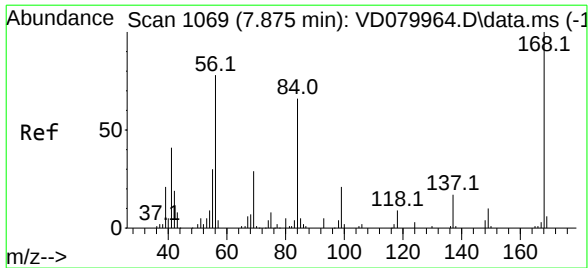
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111524\  
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Instrument :  
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ClientSampleId :  
345-2-STONE

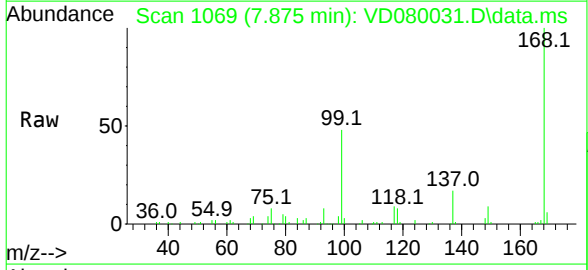
Quant Time: Nov 15 18:36:08 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111524S.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 15 16:25:47 2024  
Response via : Initial Calibration



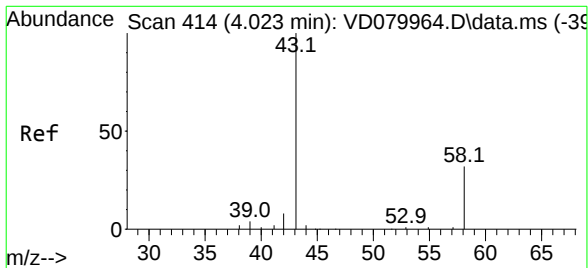
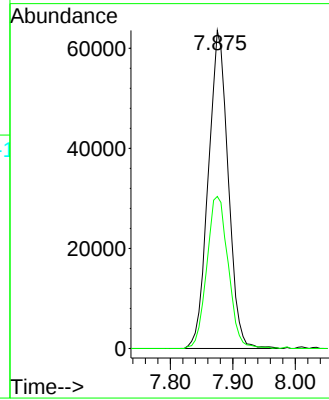
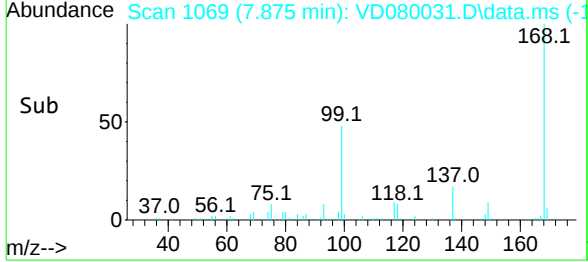


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

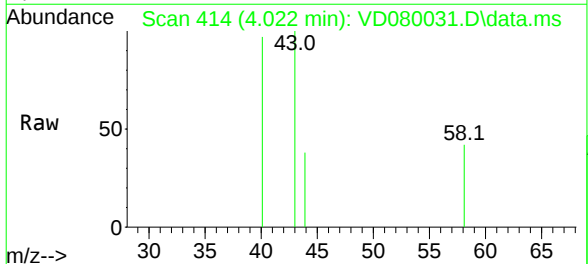
Instrument :  
MSVOA\_D  
ClientSampleId :  
345-2-STONE



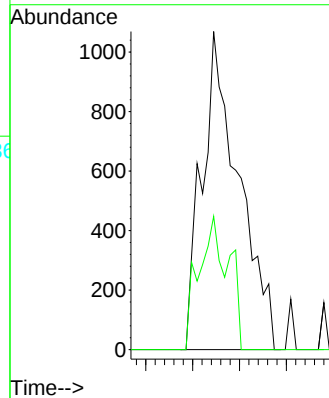
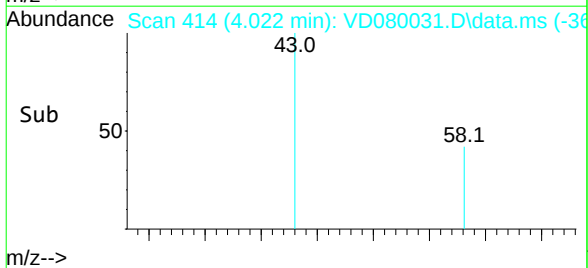
Tgt Ion:168 Resp: 140414  
Ion Ratio Lower Upper  
168 100  
99 47.8 46.0 69.0

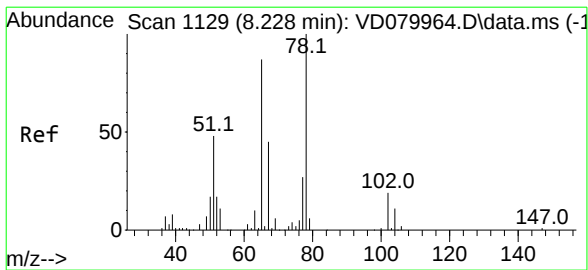


#16  
Acetone  
Concen: 9.245 ug/l  
RT: 4.022 min Scan# 414  
Delta R.T. -0.001 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07



Tgt Ion: 43 Resp: 2900  
Ion Ratio Lower Upper  
43 100  
58 41.9 25.4 38.2#

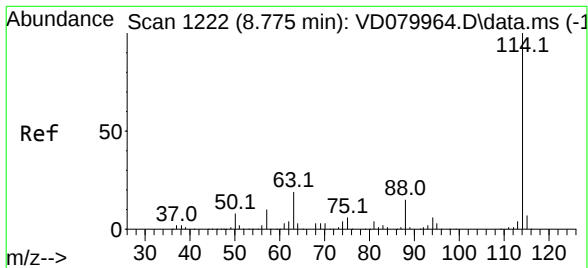
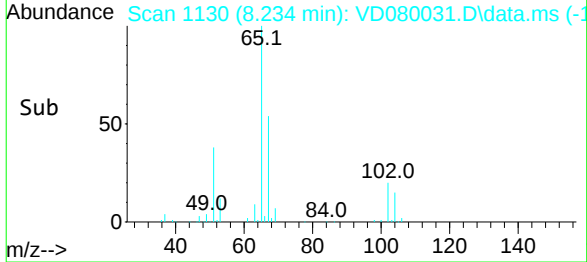
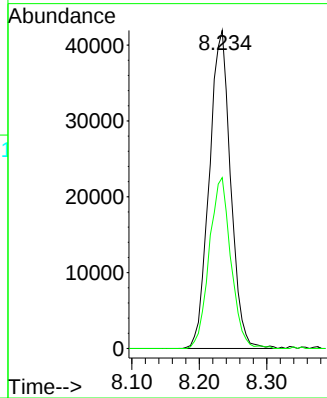
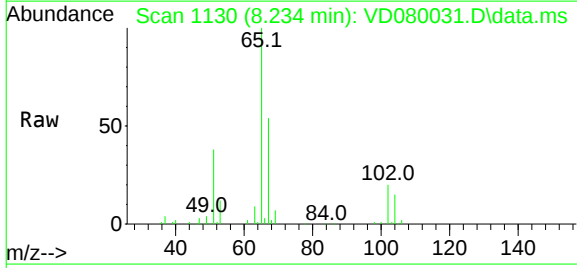




#33  
1,2-Dichloroethane-d4  
Concen: 63.763 ug/l  
RT: 8.234 min Scan# 1129  
Delta R.T. 0.006 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

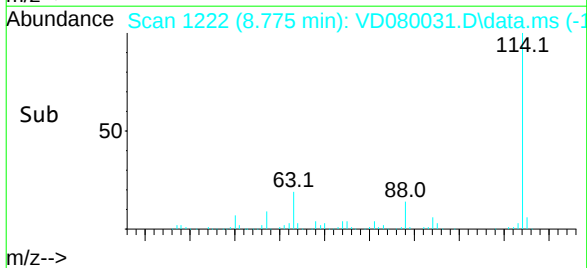
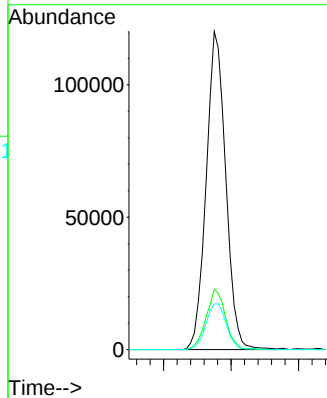
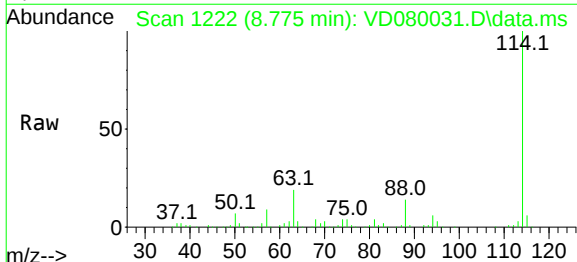
Instrument :  
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ClientSampleId :  
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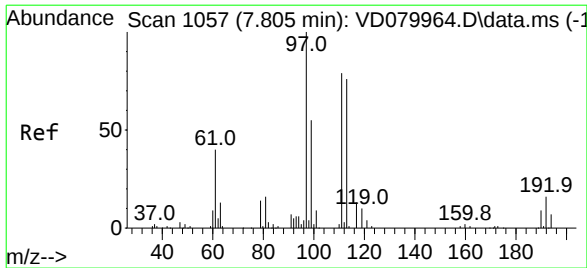
Tgt Ion: 65 Resp: 92182  
Ion Ratio Lower Upper  
65 100  
67 54.6 0.0 109.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.775 min Scan# 1222  
Delta R.T. 0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

Tgt Ion: 114 Resp: 241463  
Ion Ratio Lower Upper  
114 100  
63 19.0 0.0 38.8  
88 14.4 0.0 30.6

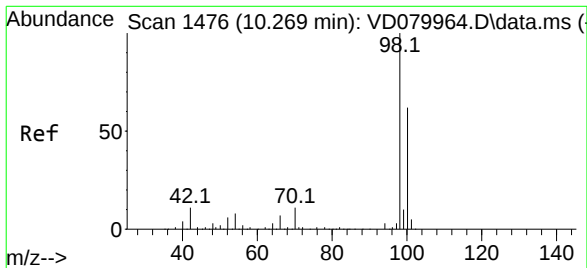
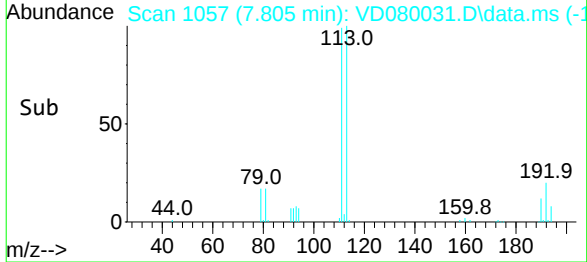
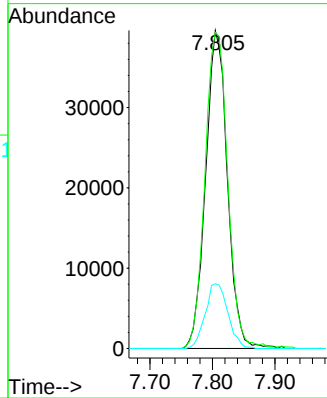
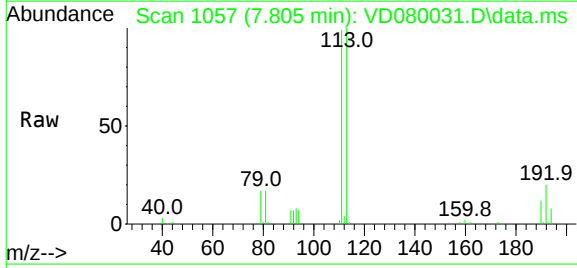




#35  
Dibromofluoromethane  
Concen: 59.526 ug/l  
RT: 7.805 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

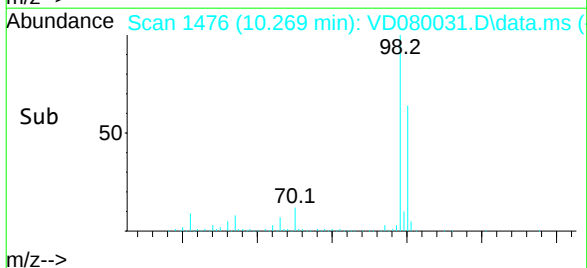
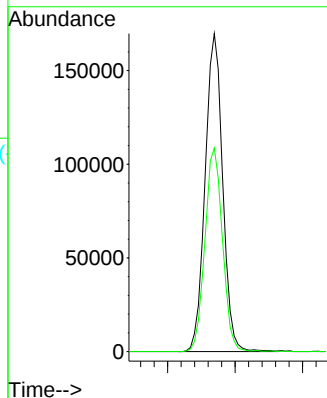
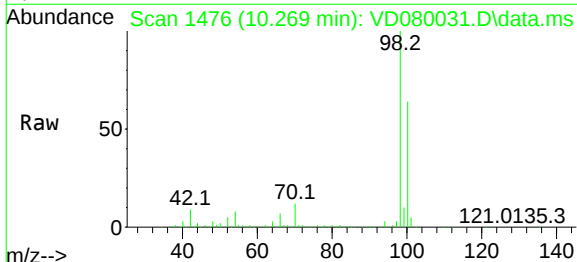
Instrument :  
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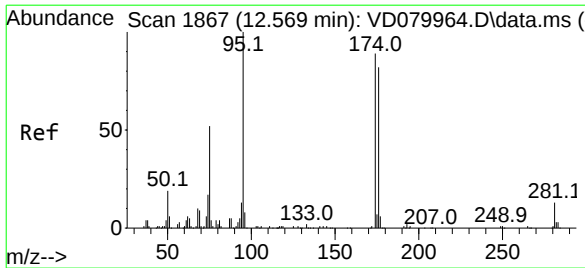
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 104.4 | 82.5  | 123.7 |
| 192     | 21.2  | 16.6  | 25.0  |



#50  
Toluene-d8  
Concen: 50.577 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. 0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.3  | 50.2  | 75.4  |

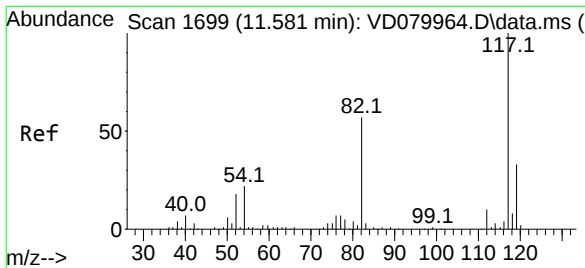
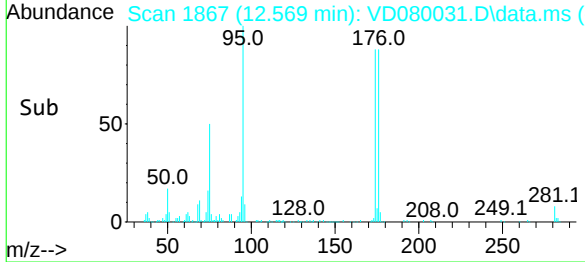
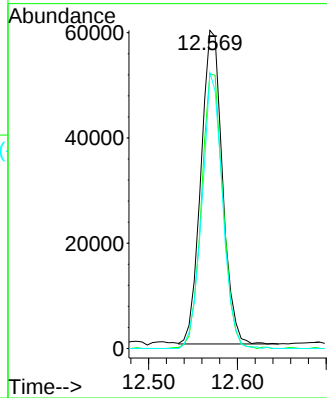
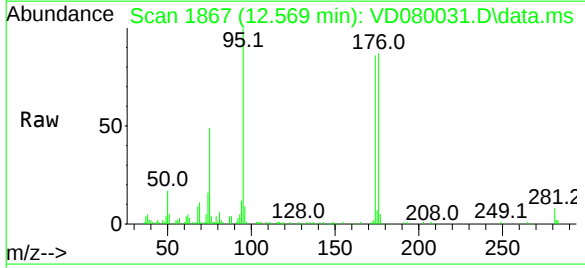




#62  
4-Bromofluorobenzene  
Concen: 50.475 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

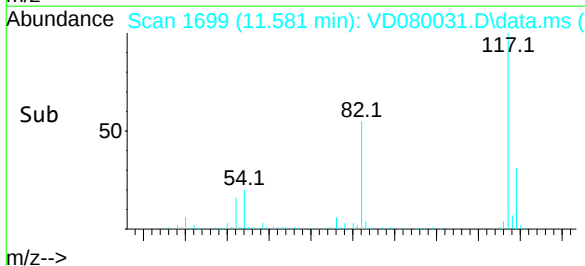
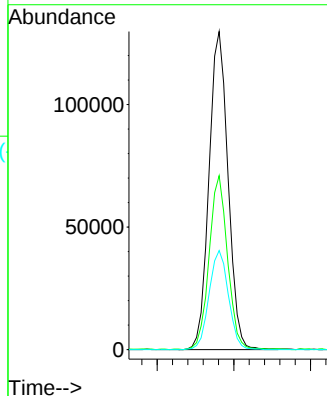
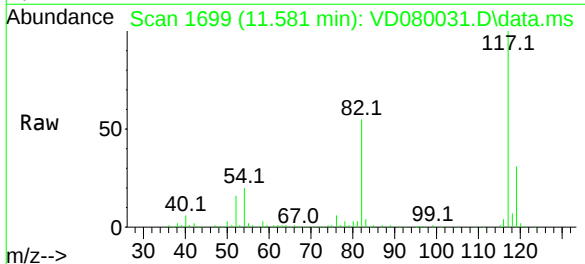
Instrument :  
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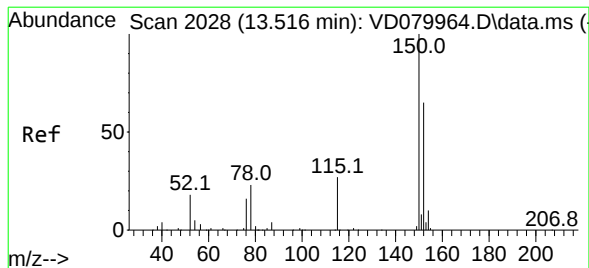
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 100303 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 87.4  | 0.0   | 173.4  |
| 176      | 84.1  | 0.0   | 166.6  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VD080031.D  
Acq: 15 Nov 2024 18:07

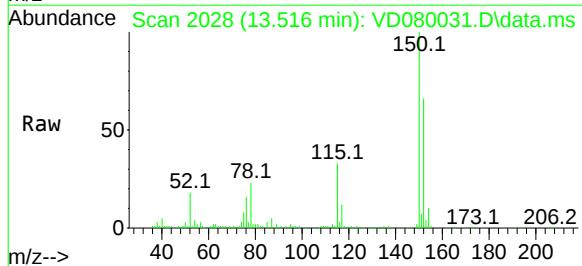
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 223457 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 54.5  | 45.8  | 68.6   |
| 119      | 31.1  | 26.2  | 39.2   |





1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.516 min Scan# 20  
 Delta R.T. 0.000 min  
 Lab File: VD080031.D  
 Acq: 15 Nov 2024 18:07

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 345-2-STONE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 94895 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 56.5  | 28.9  | 86.8  |
| 150      | 157.6 | 0.0   | 354.8 |

