

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012723\  
 Data File : VD075225.D  
 Acq On : 27 Jan 2023 15:00  
 Operator : KP/SY  
 Sample : 01322-01  
 Misc : 4.99G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 EO-01-1-26-2023

Quant Time: Jan 30 01:03:36 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011823S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jan 19 01:32:27 2023  
 Response via : Initial Calibration

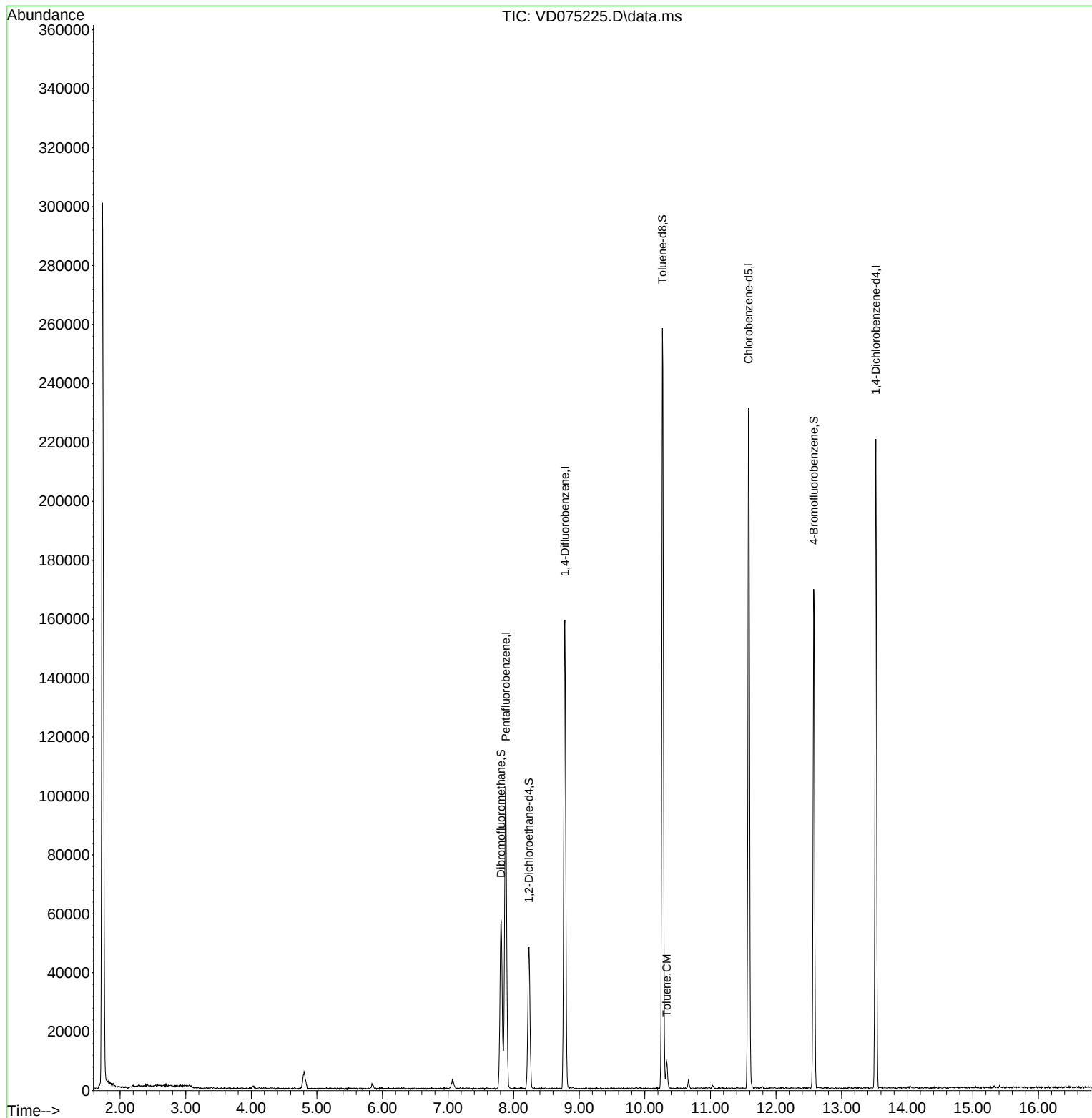
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.881  | 168   | 77192    | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.781  | 114   | 141304   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.581 | 117   | 131934   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.522 | 152   | 55826    | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 37684    | 47.841   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 95.680%   |
| 35) Dibromofluoromethane    | 7.810  | 113   | 41561    | 48.675   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 97.340%   |
| 50) Toluene-d8              | 10.269 | 98    | 172576   | 51.332   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 102.660%  |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 51462    | 48.231   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 96.460%   |
| Target Compounds            |        |       |          |          |       |           |
| 52) Toluene                 | 10.334 | 92    | 4002     | 1.619    | ug/l  | Qvalue 93 |
| -----                       |        |       |          |          |       |           |

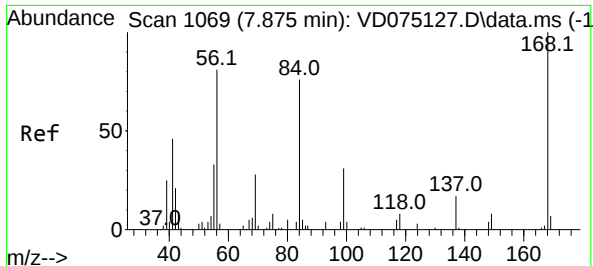
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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MSVOA\_D  
ClientSampleId :  
EO-01-1-26-2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011823S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jan 19 01:32:27 2023  
Response via : Initial Calibration

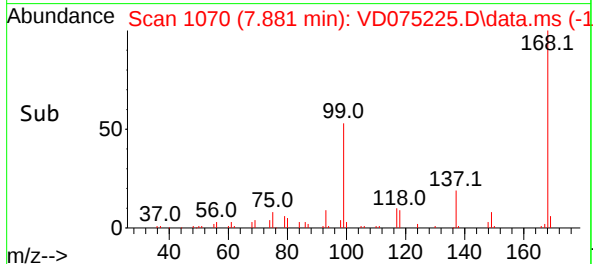
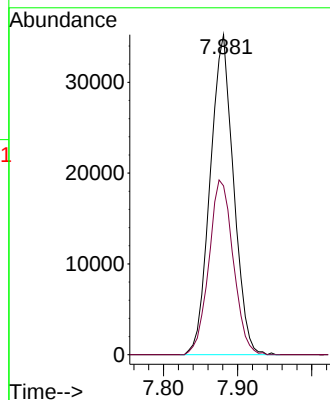
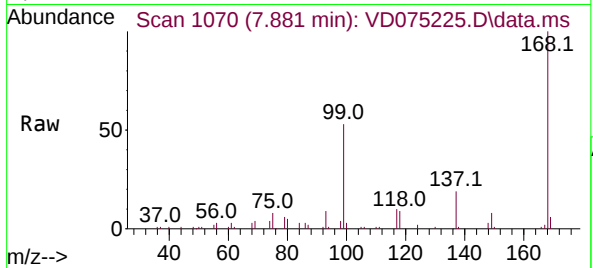




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.881 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

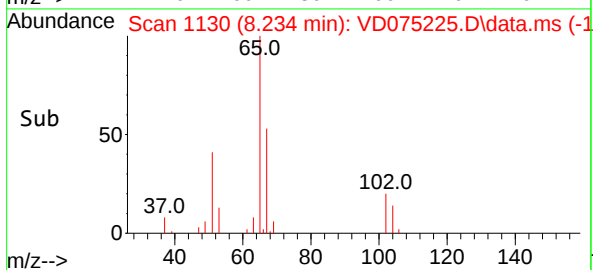
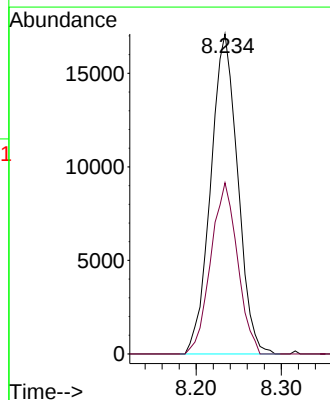
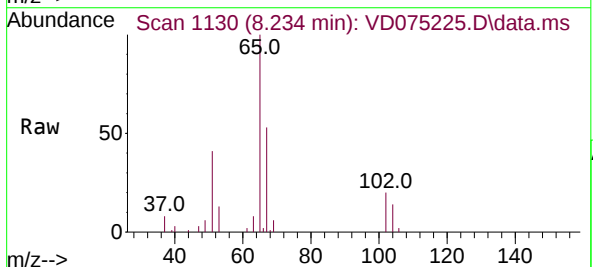
Instrument :  
MSVOA\_D  
ClientSampleId :  
EO-01-1-26-2023

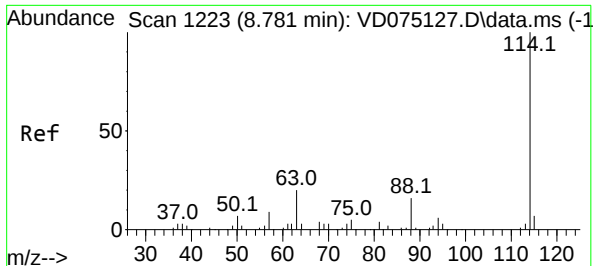
Tgt Ion:168 Resp: 77192  
Ion Ratio Lower Upper  
168 100  
99 52.8 45.2 67.8



#33  
1,2-Dichloroethane-d4  
Concen: 47.841 ug/l  
RT: 8.234 min Scan# 1130  
Delta R.T. 0.006 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

Tgt Ion: 65 Resp: 37684  
Ion Ratio Lower Upper  
65 100  
67 52.9 0.0 105.2

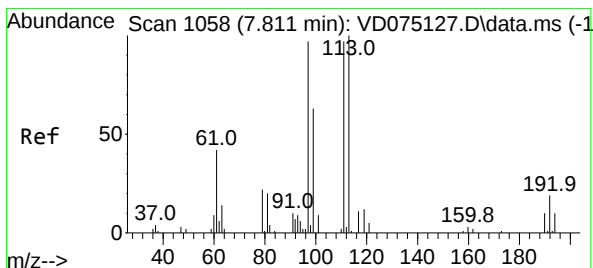
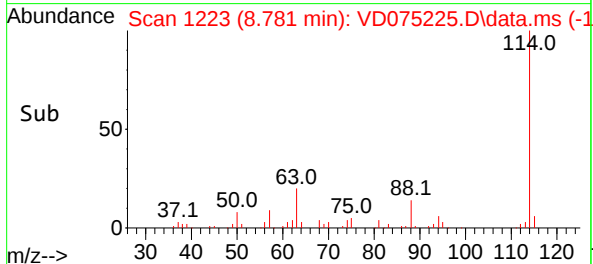
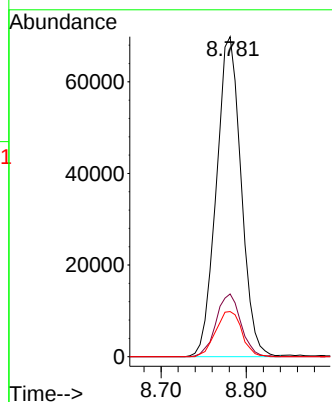
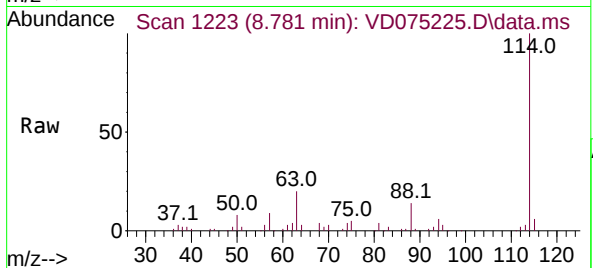




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.781 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

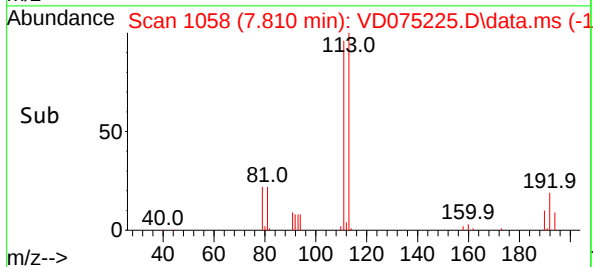
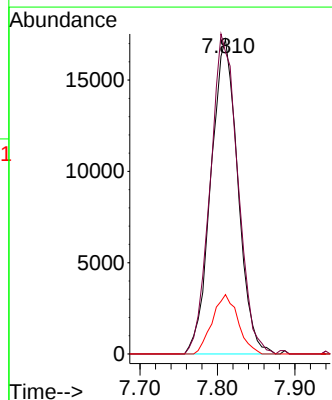
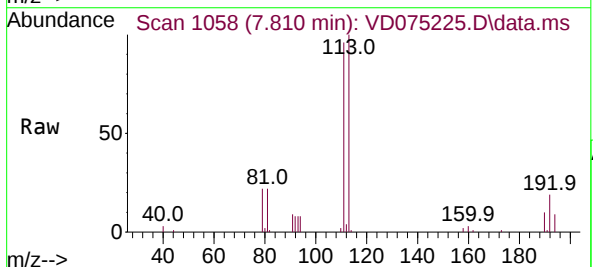
Instrument :  
MSVOA\_D  
ClientSampleId :  
EO-01-1-26-2023

Tgt Ion:114 Resp: 141304  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 40.2  
88 14.1 0.0 32.2



#35  
Dibromofluoromethane  
Concen: 48.675 ug/l  
RT: 7.810 min Scan# 1058  
Delta R.T. -0.000 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

Tgt Ion:113 Resp: 41561  
Ion Ratio Lower Upper  
113 100  
111 104.2 80.1 120.1  
192 18.0 15.4 23.0

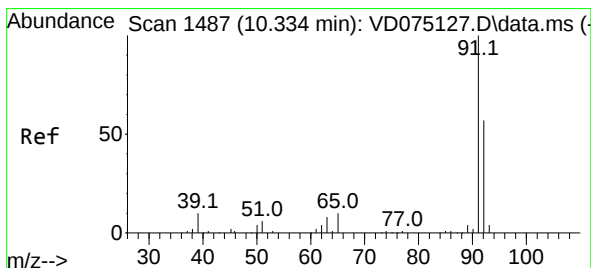
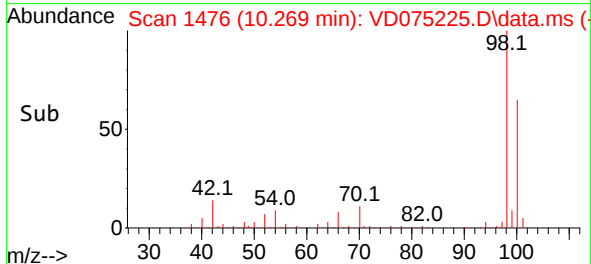
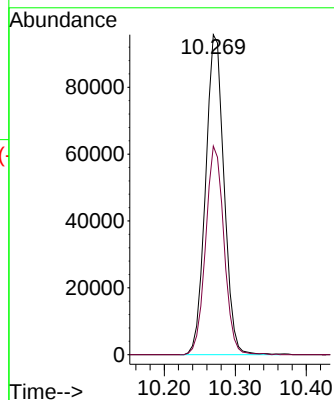
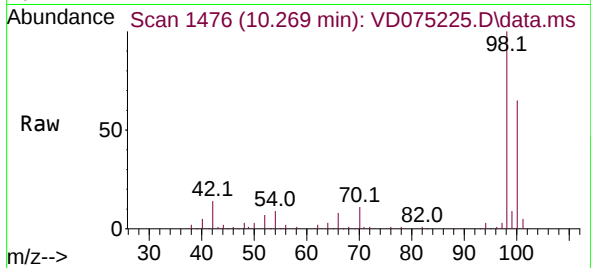




#50  
Toluene-d8  
Concen: 51.332 ug/l  
RT: 10.269 min Scan# 1476  
Delta R.T. -0.000 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

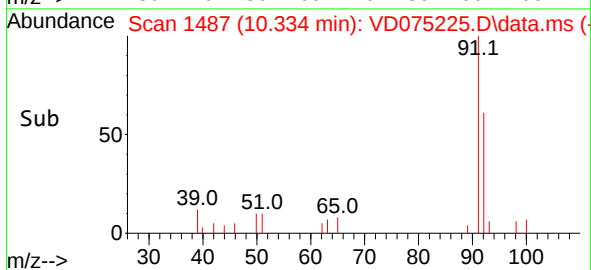
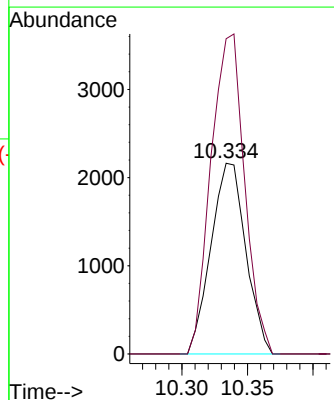
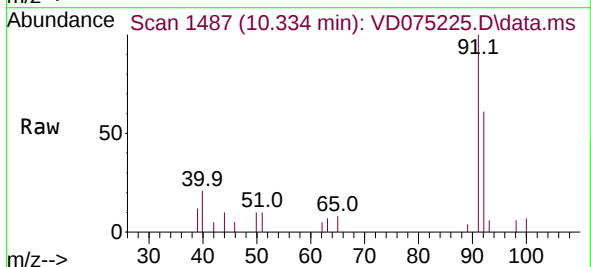
Instrument :  
MSVOA\_D  
ClientSampleId :  
EO-01-1-26-2023

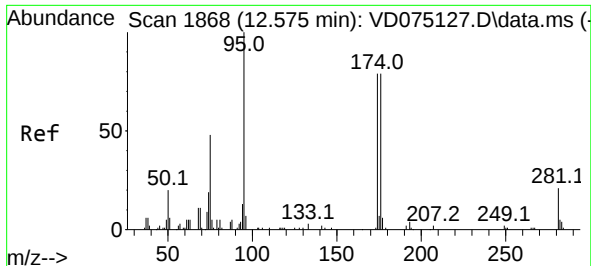
Tgt Ion: 98 Resp: 172576  
Ion Ratio Lower Upper  
98 100  
100 65.0 52.7 79.1



#52  
Toluene  
Concen: 1.619 ug/l  
RT: 10.334 min Scan# 1487  
Delta R.T. -0.000 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

Tgt Ion: 92 Resp: 4002  
Ion Ratio Lower Upper  
92 100  
91 161.4 137.0 205.4

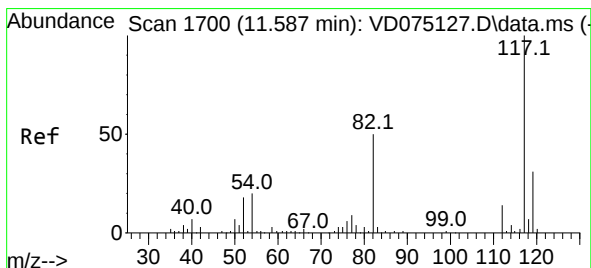
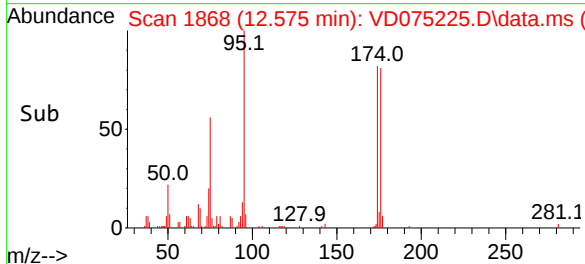
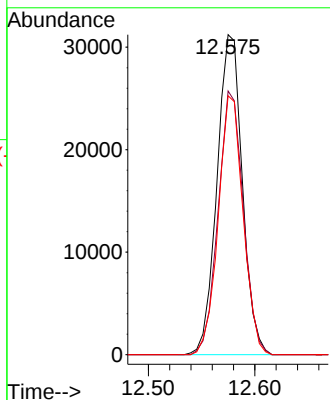
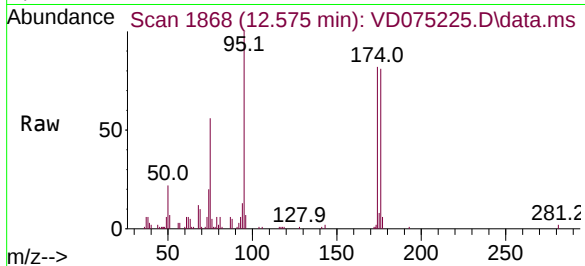




#62  
4-Bromofluorobenzene  
Concen: 48.231 ug/l  
RT: 12.575 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

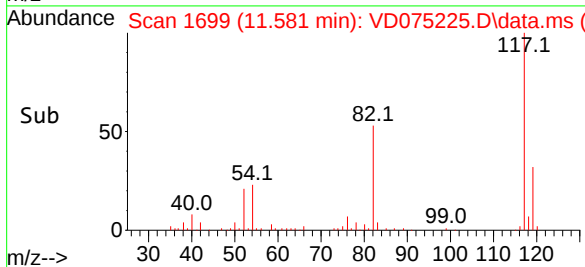
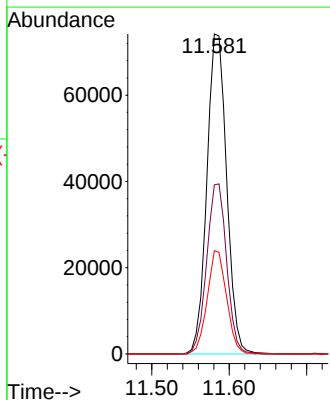
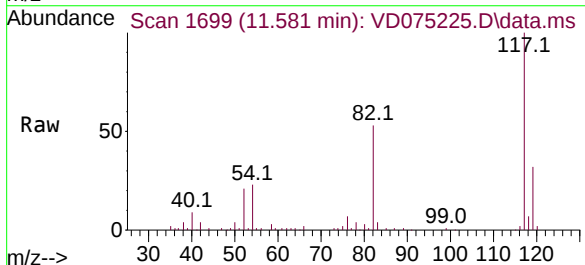
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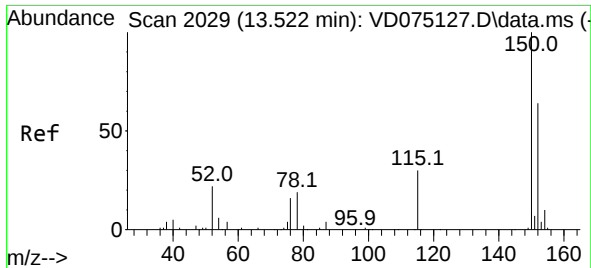
Tgt Ion: 95 Resp: 51462  
Ion Ratio Lower Upper  
95 100  
174 82.0 0.0 161.2  
176 79.1 0.0 160.2



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: VD075225.D  
Acq: 27 Jan 2023 15:00

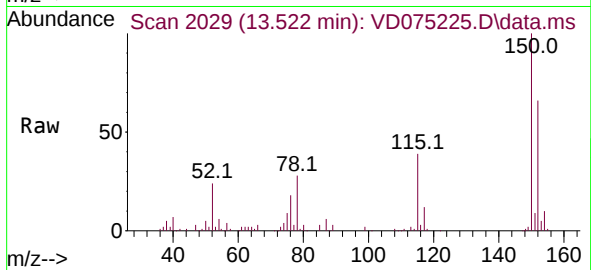
Tgt Ion: 117 Resp: 131934  
Ion Ratio Lower Upper  
117 100  
82 52.8 39.6 59.4  
119 32.3 24.6 37.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 20  
 Delta R.T. -0.000 min  
 Lab File: VD075225.D  
 Acq: 27 Jan 2023 15:00

Instrument :  
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Tgt Ion:152 Resp: 55826  
 Ion Ratio Lower Upper  
 152 100  
 115 59.8 28.8 86.4  
 150 156.8 0.0 348.6

