

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111222\  
 Data File : VD075009.D  
 Acq On : 21 Nov 2022 17:44  
 Operator : VA/SY  
 Sample : N5695-01  
 Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 HD-1-111722

Quant Time: Nov 22 00:19:22 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 14 00:51:58 2022  
 Response via : Initial Calibration

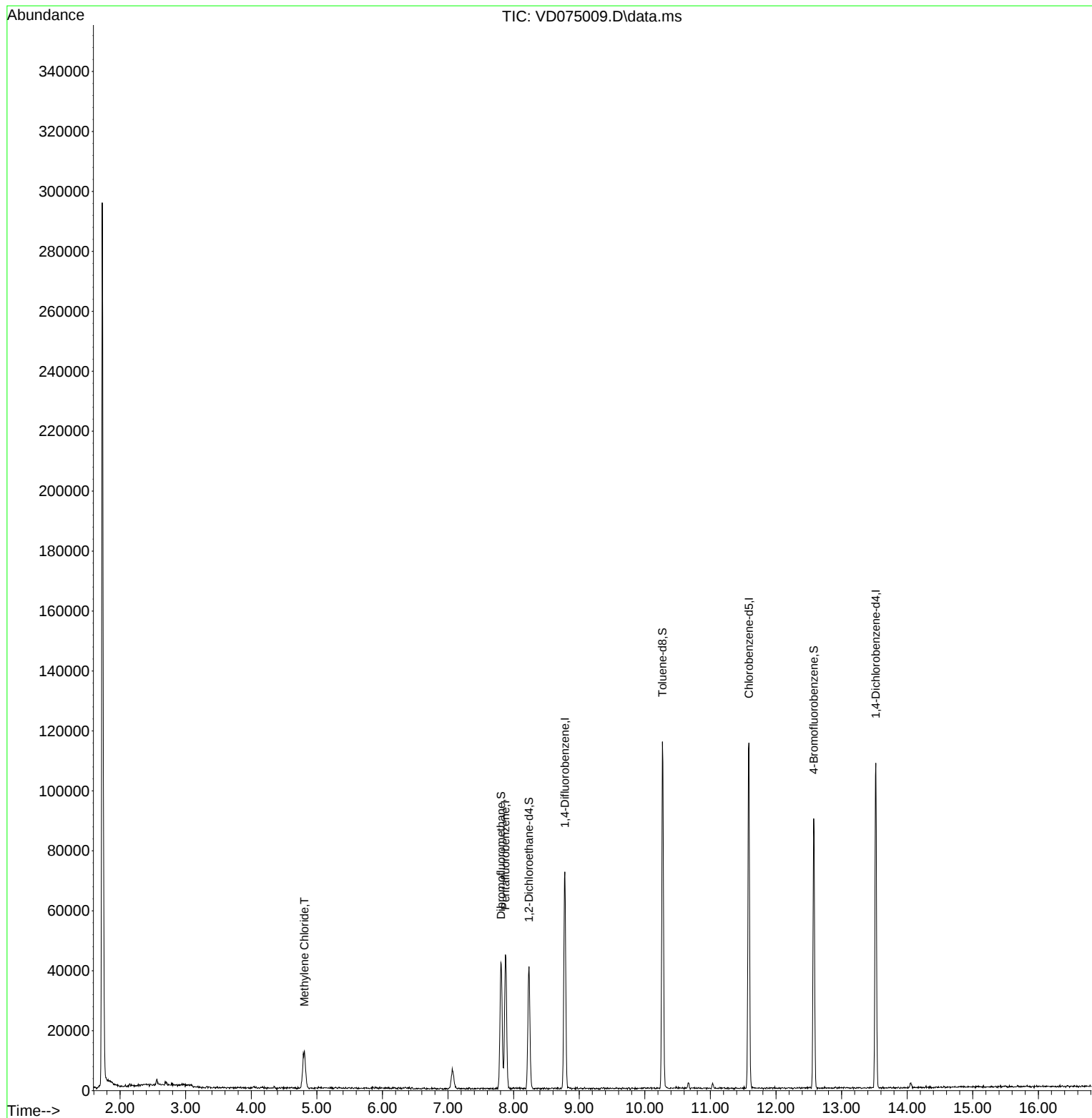
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------------|-----------|
| -----                       |        |       |          |          |             |           |
| Internal Standards          |        |       |          |          |             |           |
| 1) Pentafluorobenzene       | 7.875  | 168   | 38358    | 50.000   | ug/l        | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.781  | 114   | 73286    | 50.000   | ug/l        | 0.00      |
| 63) Chlorobenzene-d5        | 11.587 | 117   | 74806    | 50.000   | ug/l        | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.522 | 152   | 32367    | 50.000   | ug/l        | 0.00      |
| System Monitoring Compounds |        |       |          |          |             |           |
| 33) 1,2-Dichloroethane-d4   | 8.234  | 65    | 32600    | 138.378  | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 276.760%# |           |
| 35) Dibromofluoromethane    | 7.810  | 113   | 31500    | 69.728   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 139.460%  |           |
| 50) Toluene-d8              | 10.269 | 98    | 85360    | 57.361   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 114.720%  |           |
| 62) 4-Bromofluorobenzene    | 12.575 | 95    | 27048    | 59.193   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 118.380%  |           |
| Target Compounds            |        |       |          |          |             |           |
| 20) Methylene Chloride      | 4.811  | 84    | 10868    | 9.472    | ug/l        | Qvalue 95 |
| -----                       |        |       |          |          |             |           |

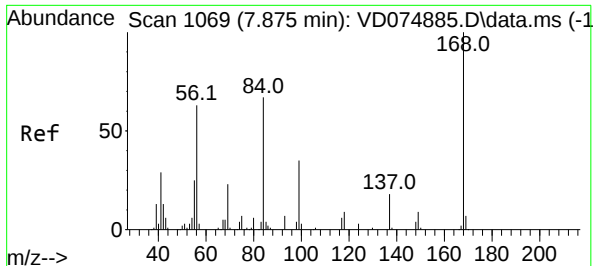
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD112122\  
Data File : VD075009.D  
Acq On : 21 Nov 2022 17:44  
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Sample : N5695-01  
Misc : 5.04G/5.00ml/MSVOA\_D/SOIL  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
HD-1-111722

Quant Time: Nov 22 00:19:22 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D111122S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 14 00:51:58 2022  
Response via : Initial Calibration

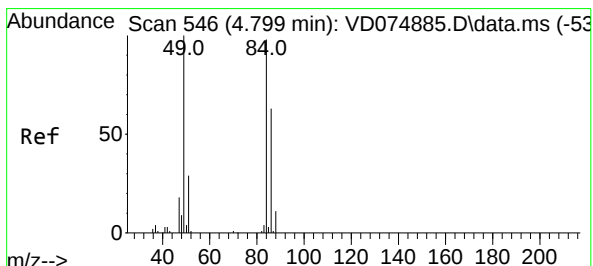
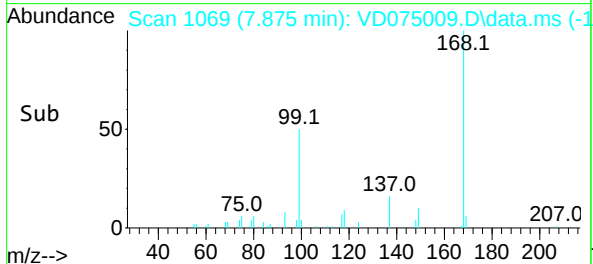
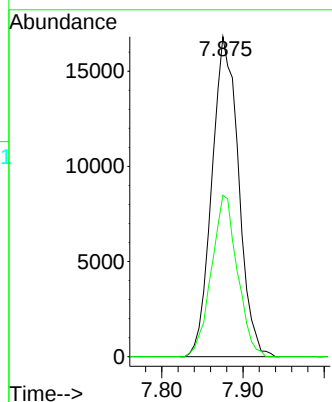
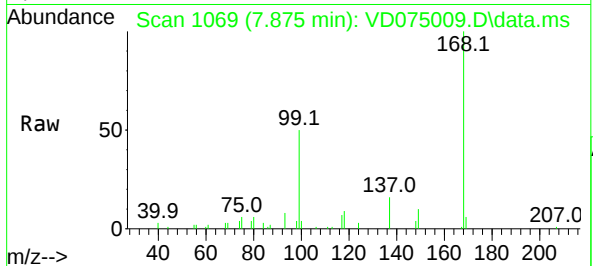




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. 0.000 min  
Lab File: VD075009.D  
Acq: 21 Nov 2022 17:44

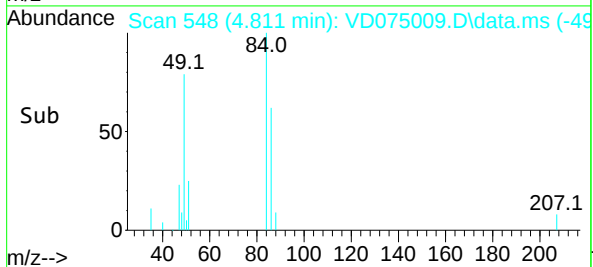
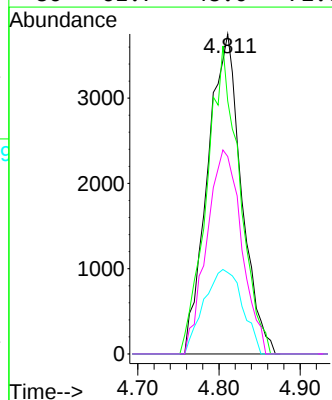
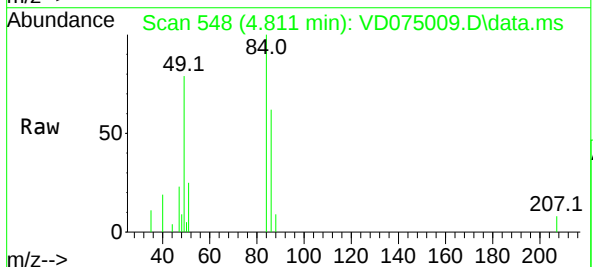
Instrument :  
MSVOA\_D  
ClientSampleId :  
HD-1-111722

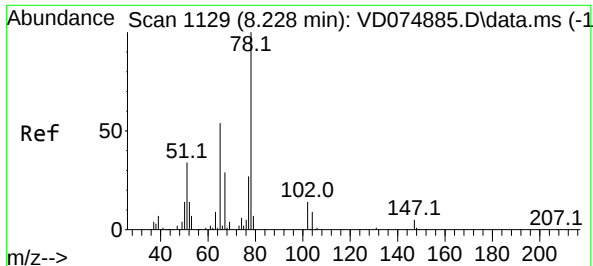
Tgt Ion:168 Resp: 38358  
Ion Ratio Lower Upper  
168 100  
99 50.4 40.9 61.3



#20  
Methylene Chloride  
Concen: 9.472 ug/l  
RT: 4.811 min Scan# 548  
Delta R.T. 0.012 min  
Lab File: VD075009.D  
Acq: 21 Nov 2022 17:44

Tgt Ion: 84 Resp: 10868  
Ion Ratio Lower Upper  
84 100  
49 79.0 68.0 102.0  
51 25.4 23.2 34.8  
86 61.7 48.0 72.0





#33

1,2-Dichloroethane-d4

Concen: 138.378 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

Instrument :

MSVOA\_D

ClientSampleId :

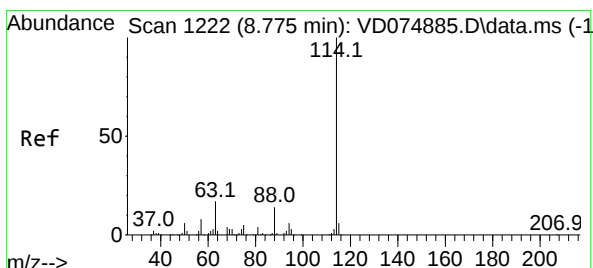
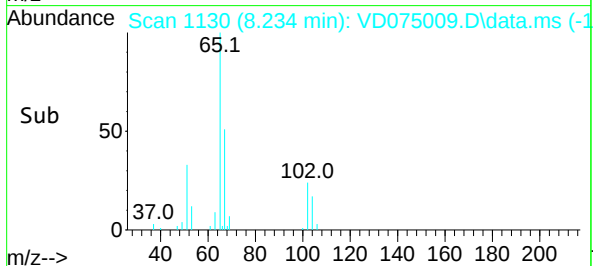
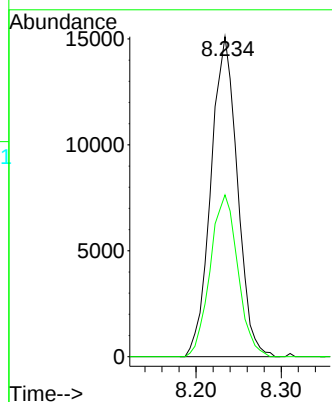
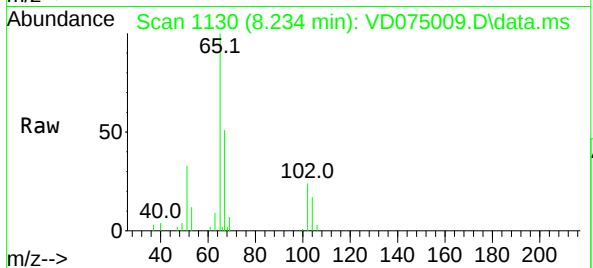
HD-1-111722

Tgt Ion: 65 Resp: 32600

Ion Ratio Lower Upper

65 100

67 52.8 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

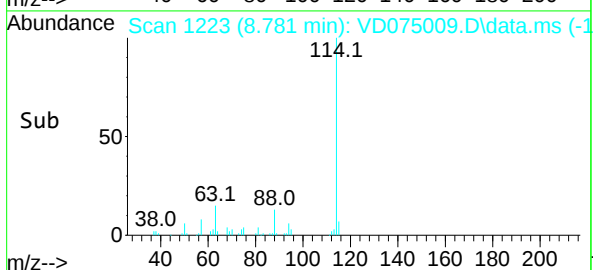
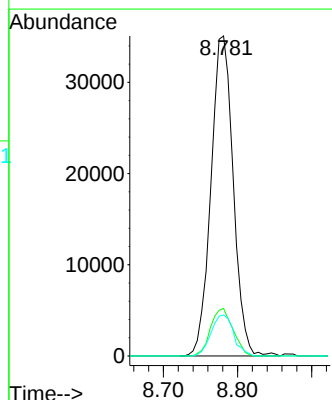
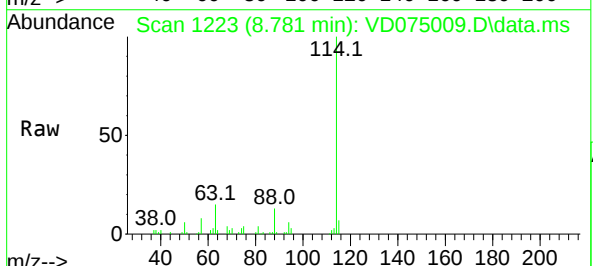
Tgt Ion: 114 Resp: 73286

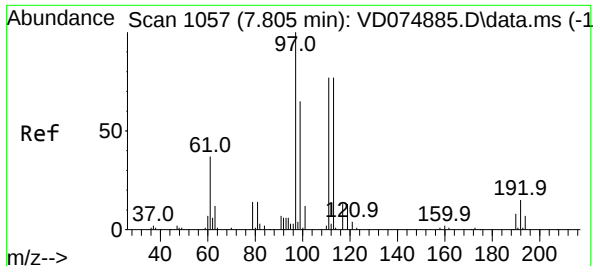
Ion Ratio Lower Upper

114 100

63 14.8 0.0 33.2

88 12.8 0.0 28.2





#35

Dibromofluoromethane

Concen: 69.728 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD075009.D

Acq: 21 Nov 2022 17:44

Instrument :

MSVOA\_D

ClientSampleId :

HD-1-111722

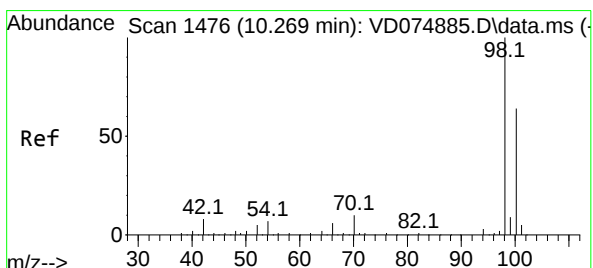
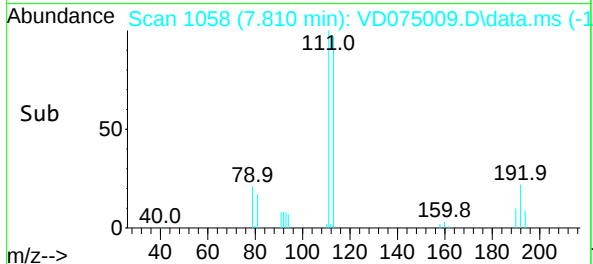
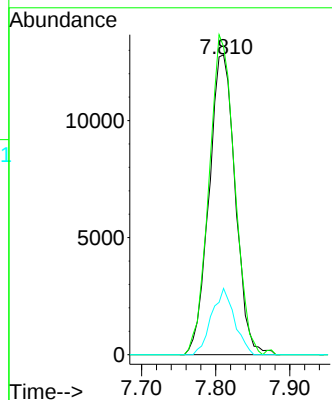
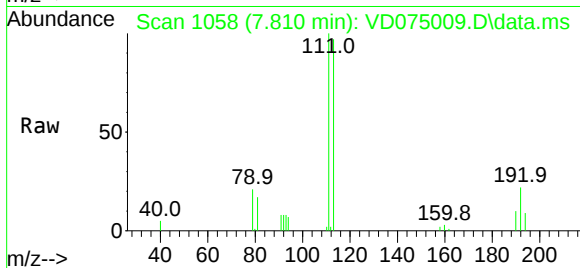
Tgt Ion:113 Resp: 31500

Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 19.1 16.4 24.6



#50

Toluene-d8

Concen: 57.361 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD075009.D

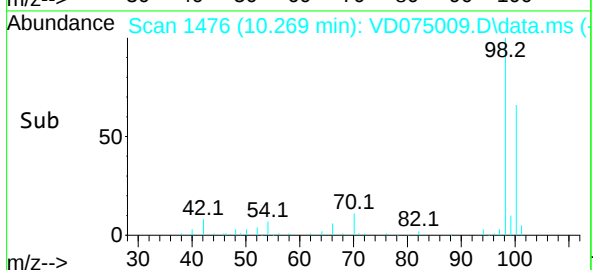
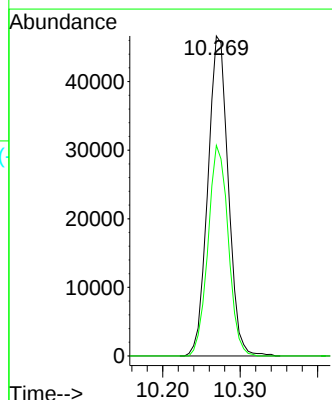
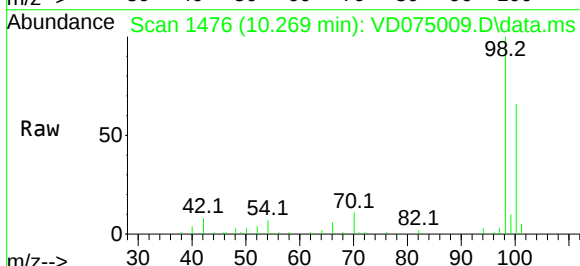
Acq: 21 Nov 2022 17:44

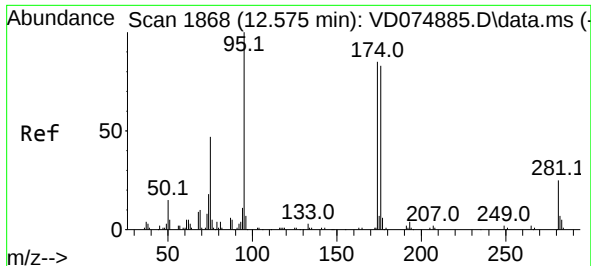
Tgt Ion: 98 Resp: 85360

Ion Ratio Lower Upper

98 100

100 65.1 51.4 77.0

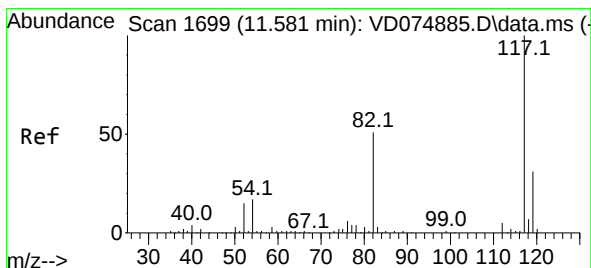
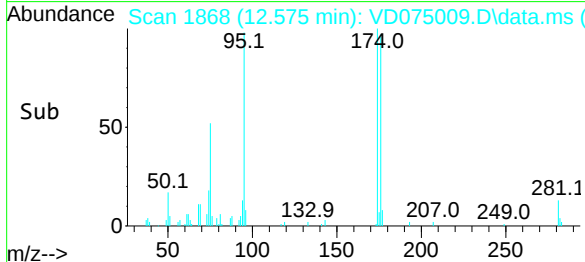
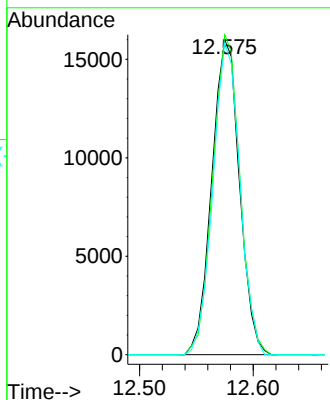
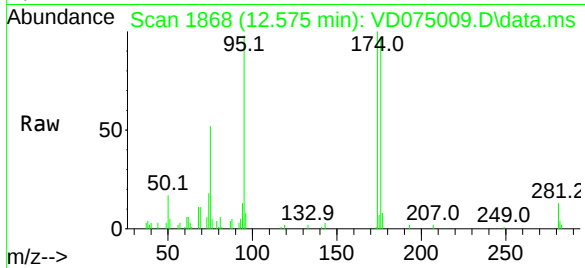




#62  
4-Bromofluorobenzene  
Concen: 59.193 ug/l  
RT: 12.575 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VD075009.D  
Acq: 21 Nov 2022 17:44

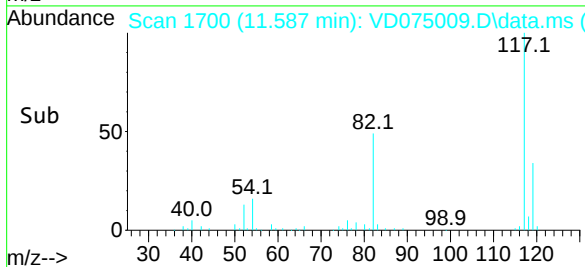
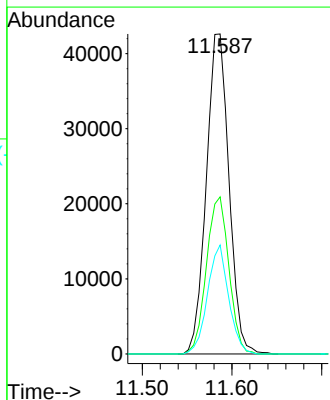
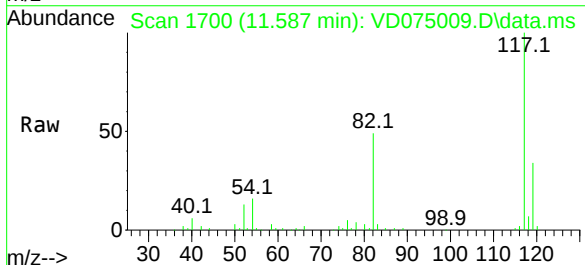
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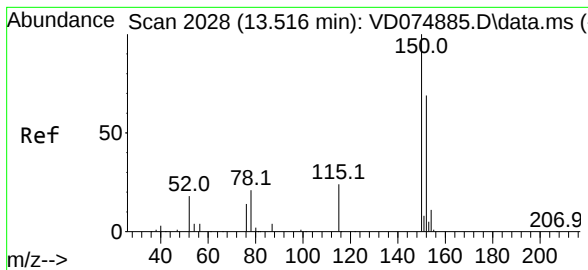
Tgt Ion: 95 Resp: 27048  
Ion Ratio Lower Upper  
95 100  
174 99.8 0.0 197.0  
176 96.2 0.0 182.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.587 min Scan# 1700  
Delta R.T. 0.006 min  
Lab File: VD075009.D  
Acq: 21 Nov 2022 17:44

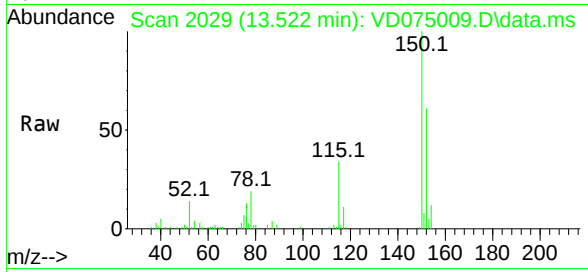
Tgt Ion: 117 Resp: 74806  
Ion Ratio Lower Upper  
117 100  
82 49.1 41.6 62.4  
119 34.1 25.2 37.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.522 min Scan# 20  
 Delta R.T. 0.006 min  
 Lab File: VD075009.D  
 Acq: 21 Nov 2022 17:44

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 HD-1-111722



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 32367 |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 115      | 54.0  | 26.8  | 80.4  |
| 150      | 160.4 | 0.0   | 348.2 |

