

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD050422\  
 Data File : VD072785.D  
 Acq On : 04 May 2022 13:33  
 Operator : VA/SY  
 Sample : N2659-01  
 Misc : 5.35G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 22L097-A

Quant Time: May 05 01:37:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D050222S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 03 08:33:49 2022  
 Response via : Initial Calibration

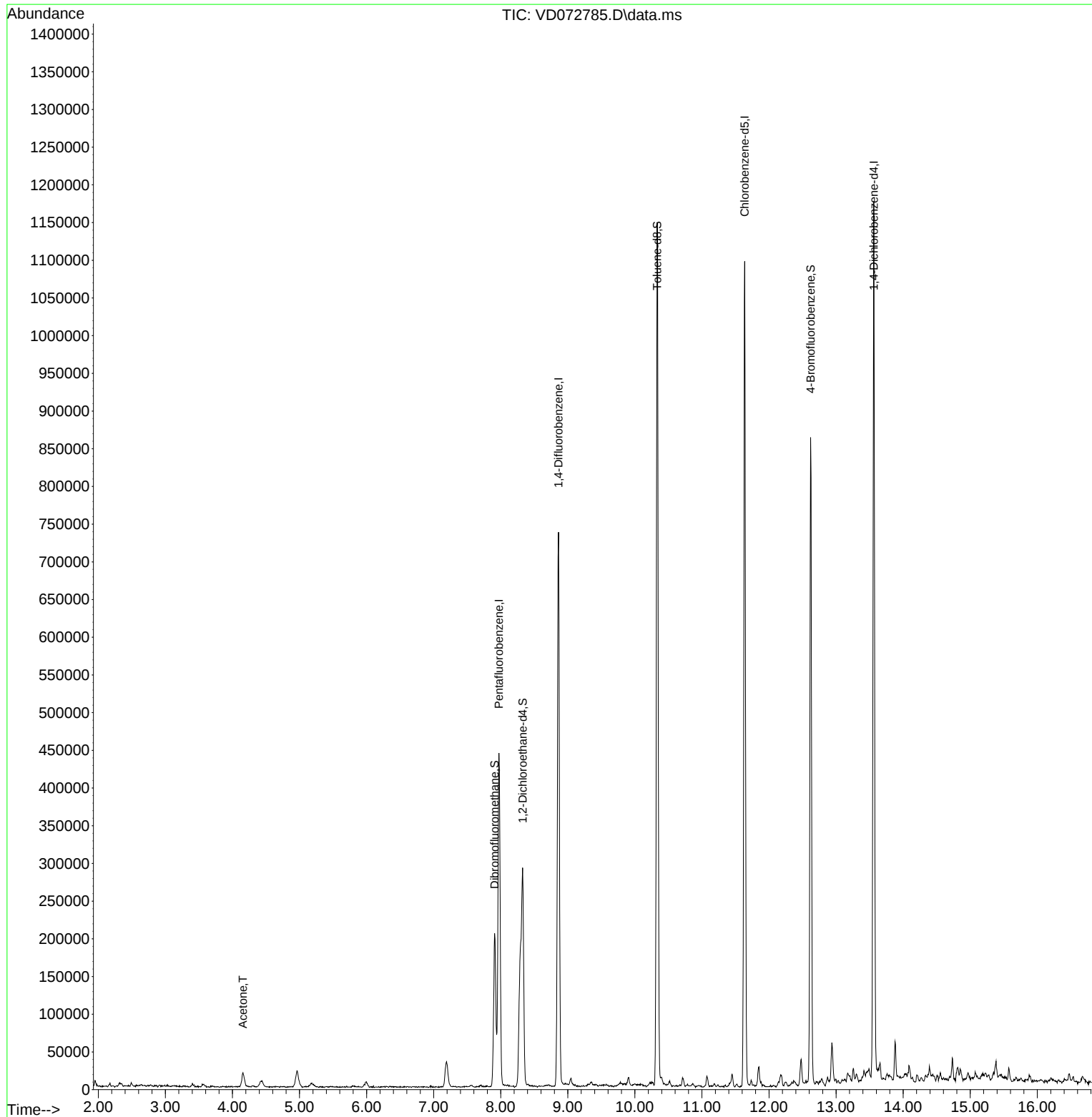
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)    |
|-----------------------------|--------|-------|----------|----------|-------|-------------|
| -----                       |        |       |          |          |       |             |
| Internal Standards          |        |       |          |          |       |             |
| 1) Pentafluorobenzene       | 7.973  | 168   | 318154   | 50.000   | ug/l  | 0.00        |
| 34) 1,4-Difluorobenzene     | 8.861  | 114   | 626375   | 50.000   | ug/l  | 0.00        |
| 63) Chlorobenzene-d5        | 11.638 | 117   | 616894   | 50.000   | ug/l  | 0.00        |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152   | 292384   | 50.000   | ug/l  | 0.00        |
| System Monitoring Compounds |        |       |          |          |       |             |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 211803   | 51.285   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 102.580%    |
| 35) Dibromofluoromethane    | 7.909  | 113   | 142871   | 32.477   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 64.960%     |
| 50) Toluene-d8              | 10.332 | 98    | 773899   | 49.043   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 98.080%     |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 281729   | 47.881   | ug/l  | 0.00        |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 95.760%     |
| Target Compounds            |        |       |          |          |       |             |
| 16) Acetone                 | 4.156  | 43    | 31798    | 28.800   | ug/l  | Qvalue # 86 |
| -----                       |        |       |          |          |       |             |

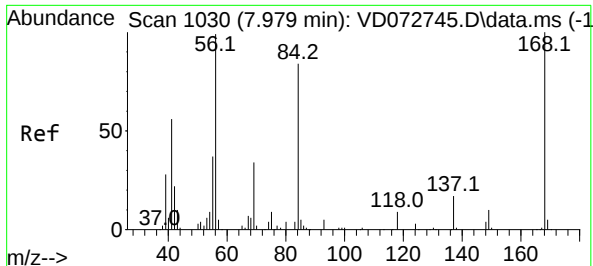
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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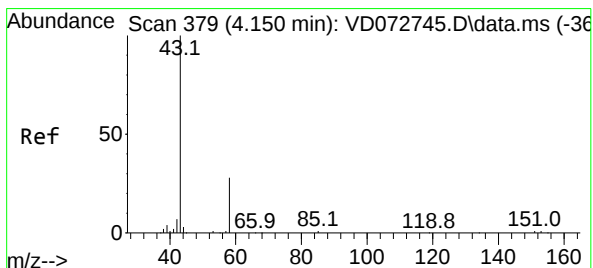
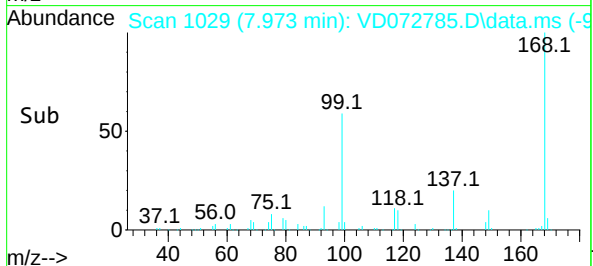
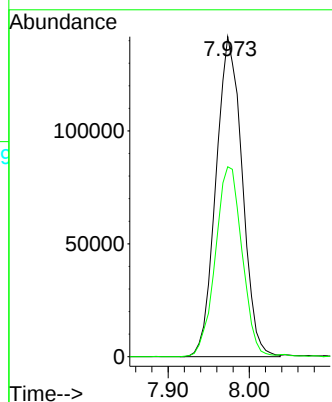
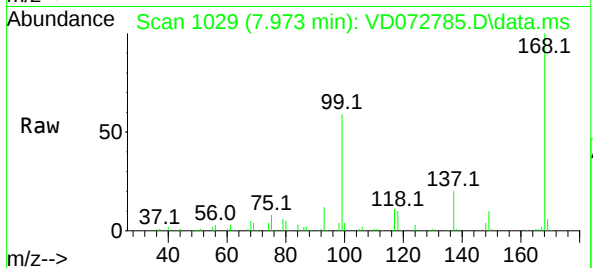




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

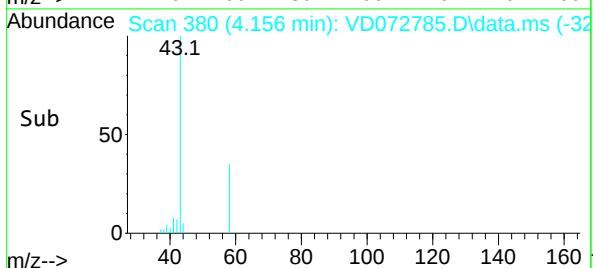
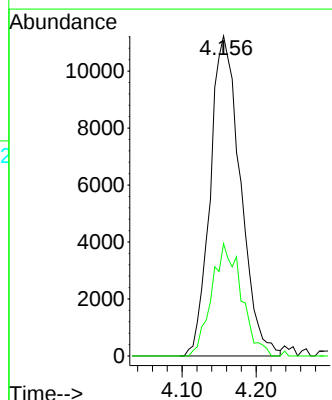
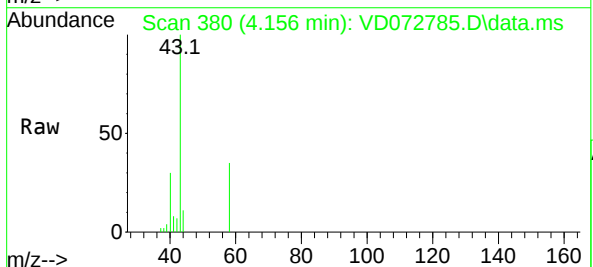
Instrument :  
MSVOA\_D  
ClientSampleId :  
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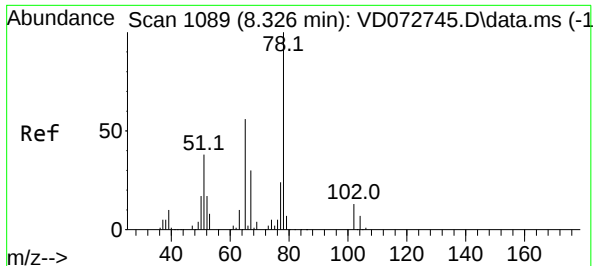
Tgt Ion:168 Resp: 318154  
Ion Ratio Lower Upper  
168 100  
99 59.3 49.8 74.6



#16  
Acetone  
Concen: 28.800 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. 0.006 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

Tgt Ion: 43 Resp: 31798  
Ion Ratio Lower Upper  
43 100  
58 35.1 22.1 33.1#





#33

1,2-Dichloroethane-d4

Concen: 51.285 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072785.D

Acq: 04 May 2022 13:33

Instrument :

MSVOA\_D

ClientSampleId :

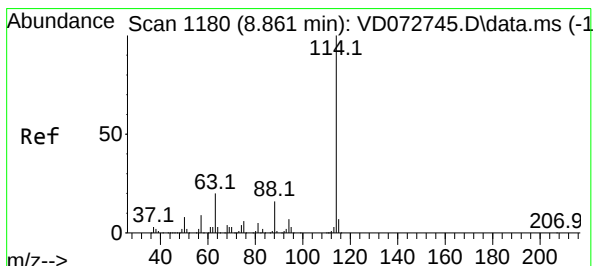
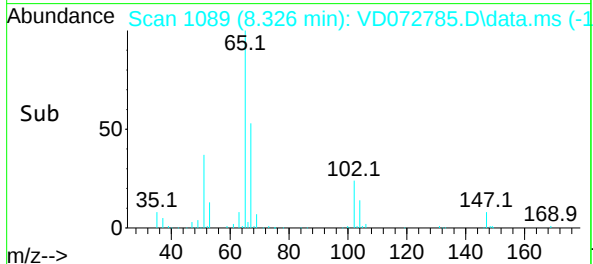
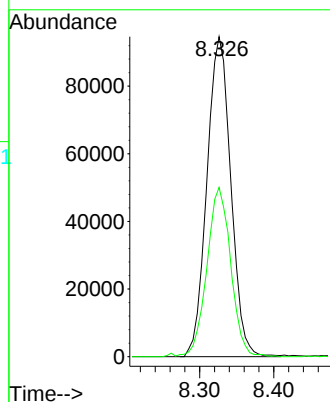
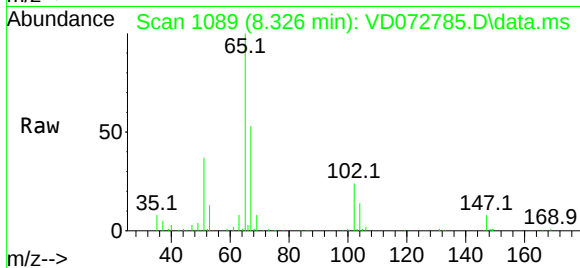
22L097-A

Tgt Ion: 65 Resp: 211803

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072785.D

Acq: 04 May 2022 13:33

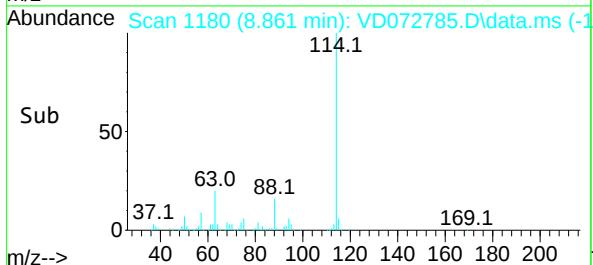
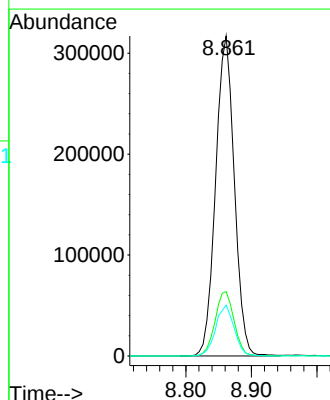
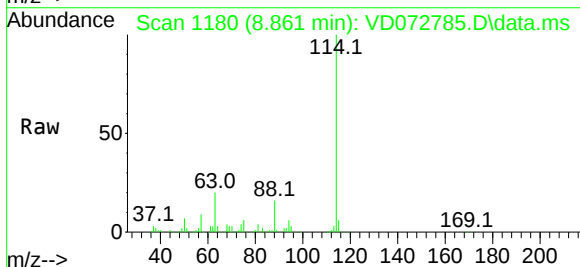
Tgt Ion: 114 Resp: 626375

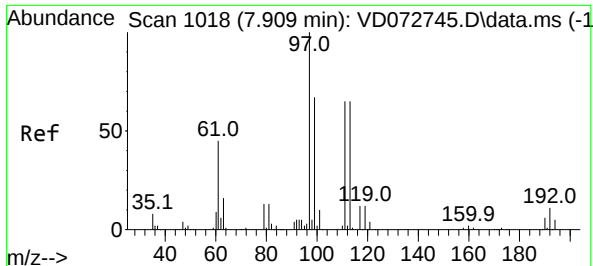
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.9 0.0 33.2

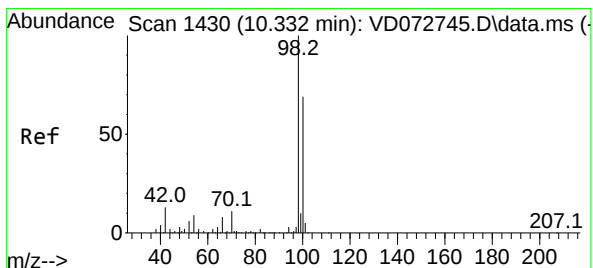
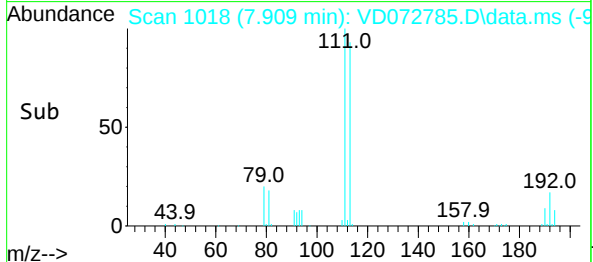
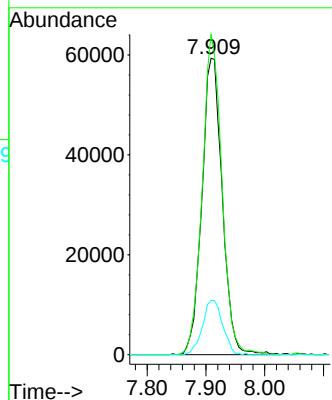
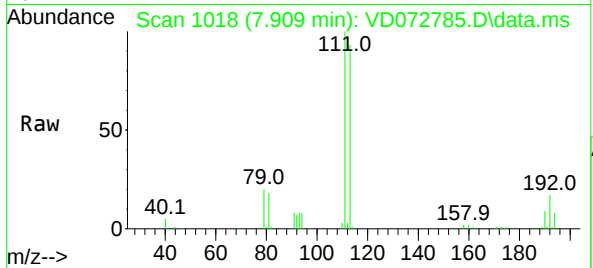




#35  
Dibromofluoromethane  
Concen: 32.477 ug/l  
RT: 7.909 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

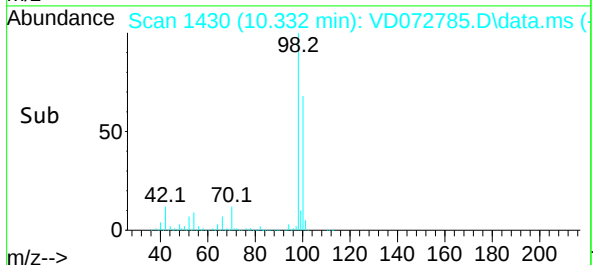
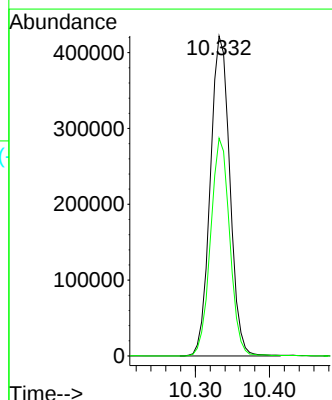
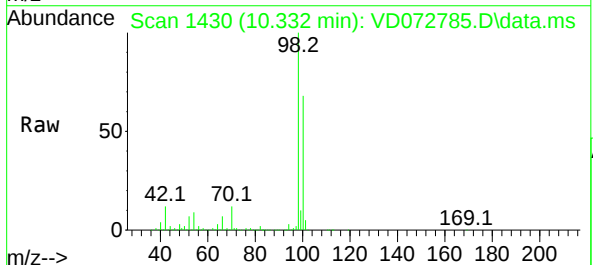
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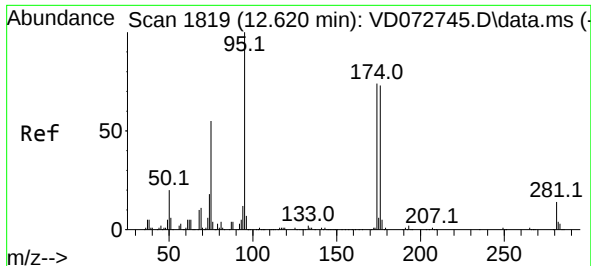
Tgt Ion:113 Resp: 142871  
Ion Ratio Lower Upper  
113 100  
111 104.5 83.8 125.6  
192 18.2 14.6 21.8



#50  
Toluene-d8  
Concen: 49.043 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

Tgt Ion: 98 Resp: 773899  
Ion Ratio Lower Upper  
98 100  
100 66.7 52.4 78.6

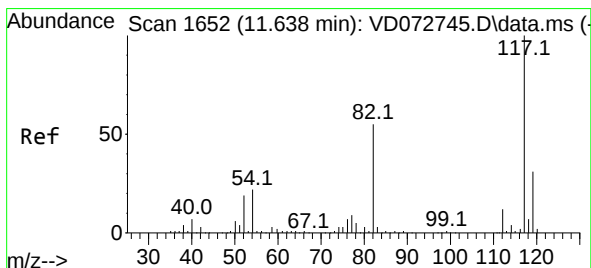
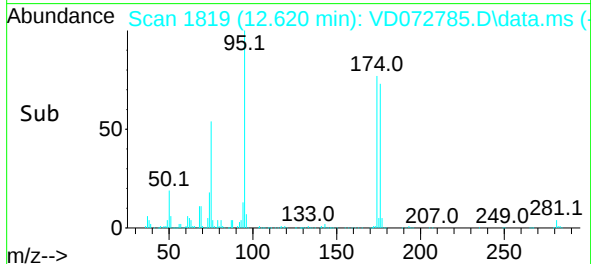
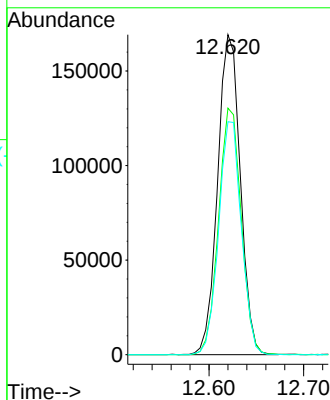
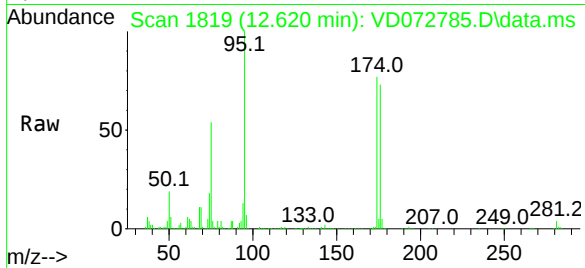




#62  
4-Bromofluorobenzene  
Concen: 47.881 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. 0.000 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

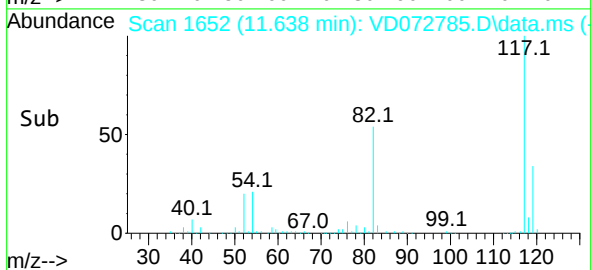
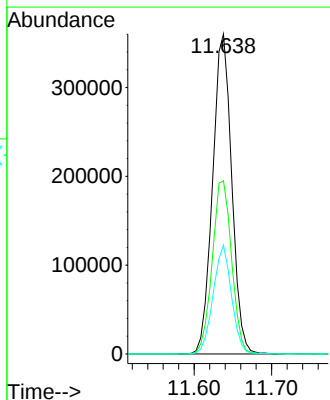
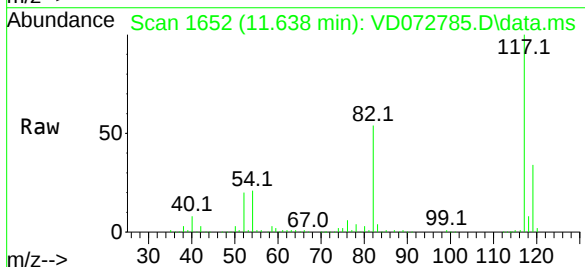
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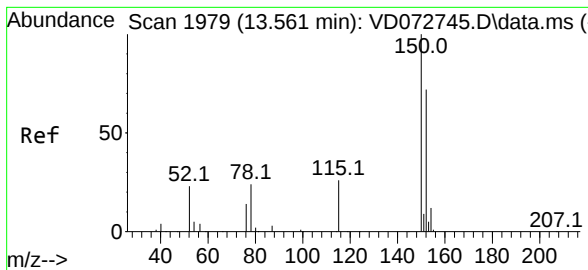
Tgt Ion: 95 Resp: 281729  
Ion Ratio Lower Upper  
95 100  
174 77.0 0.0 152.8  
176 72.8 0.0 145.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD072785.D  
Acq: 04 May 2022 13:33

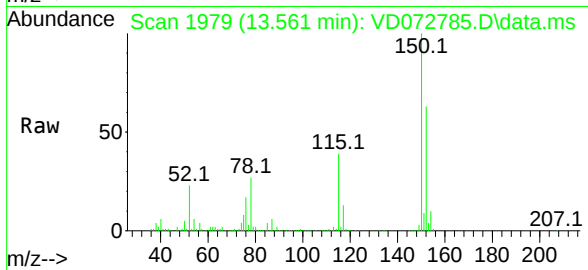
Tgt Ion: 117 Resp: 616894  
Ion Ratio Lower Upper  
117 100  
82 54.2 45.3 67.9  
119 34.0 26.6 40.0





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.561 min Scan# 1979  
 Delta R.T. 0.000 min  
 Lab File: VD072785.D  
 Acq: 04 May 2022 13:33

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 22L097-A



Tgt Ion:152 Resp: 292384  
 Ion Ratio Lower Upper  
 152 100  
 115 61.1 31.3 93.8  
 150 158.0 0.0 348.6

