

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD012921\  
 Data File : VD068241.D  
 Acq On : 29 Jan 2021 15:53  
 Operator : VA/SY  
 Sample : M1286-08  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JJ BH 01 6-7

Quant Time: Jan 30 00:03:22 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011921S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 19 13:19:08 2021  
 Response via : Initial Calibration

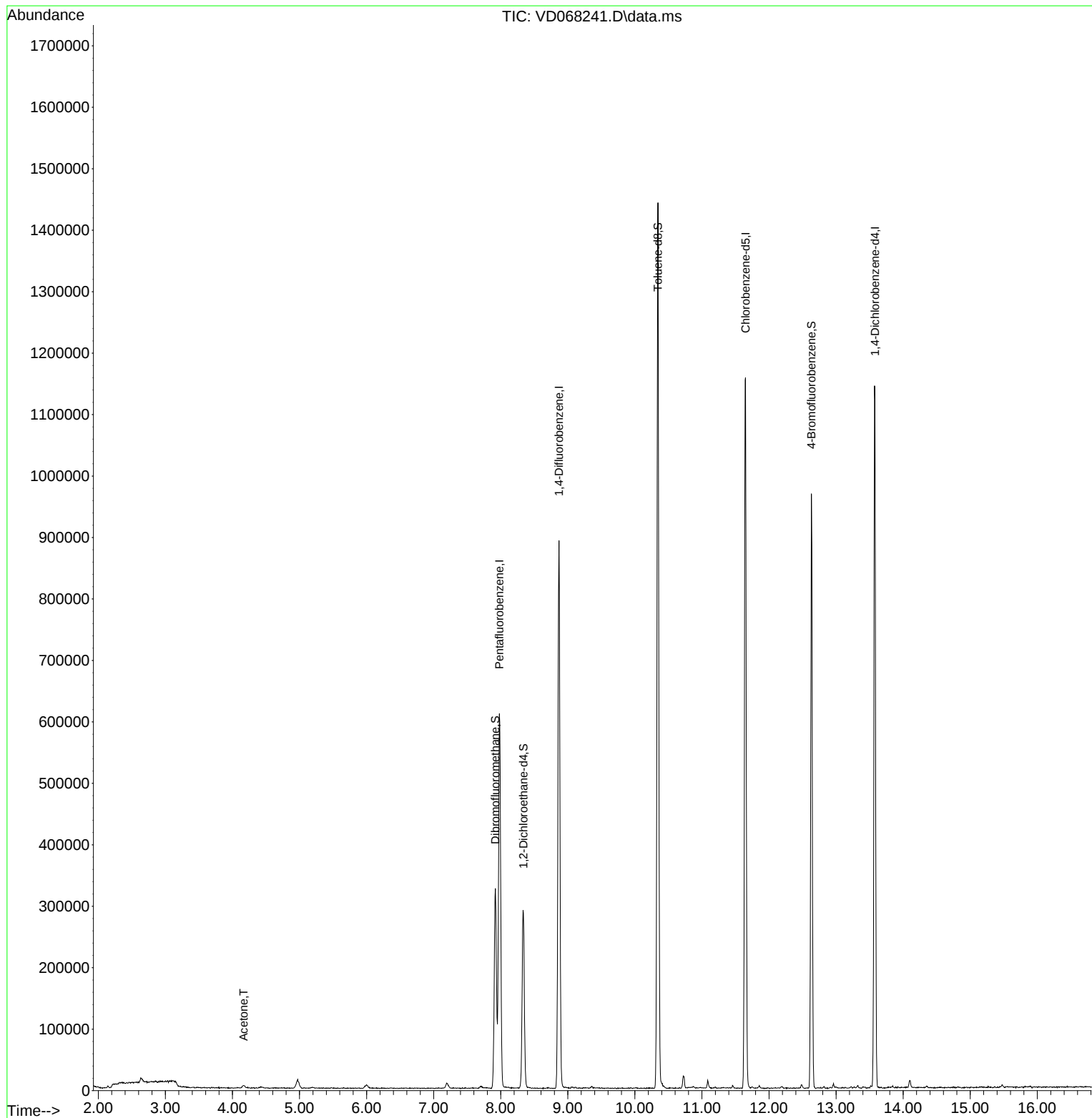
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 7.979  | 168   | 460723   | 50.00    | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.867  | 114   | 802821   | 50.00    | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 11.650 | 117   | 700419   | 50.00    | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.579 | 152   | 306344   | 50.00    | ug/l  | 0.00      |
|                             |        |       |          |          |       |           |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 8.338  | 65    | 238383   | 54.09    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =     | 108.18%   |
| 35) Dibromofluoromethane    | 7.920  | 113   | 236725   | 53.34    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =     | 106.68%   |
| 50) Toluene-d8              | 10.344 | 98    | 996154   | 56.11    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =     | 112.22%   |
| 62) 4-Bromofluorobenzene    | 12.632 | 95    | 317940   | 49.73    | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =     | 99.46%    |
|                             |        |       |          |          |       |           |
| Target Compounds            |        |       |          |          |       |           |
| 16) Acetone                 | 4.168  | 43    | 7774     | 9.88     | ug/l  | Qvalue 95 |
| -----                       |        |       |          |          |       |           |

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

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Quant Title : SW846 8260  
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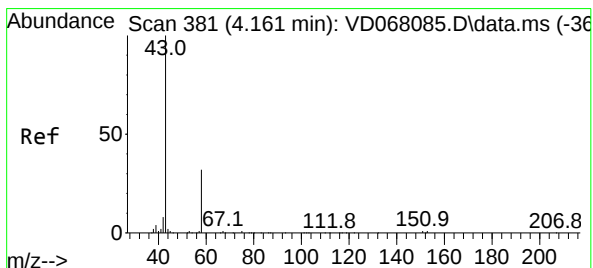
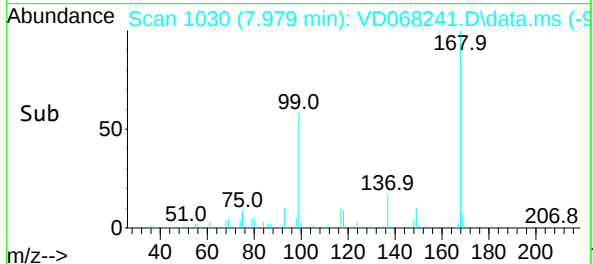
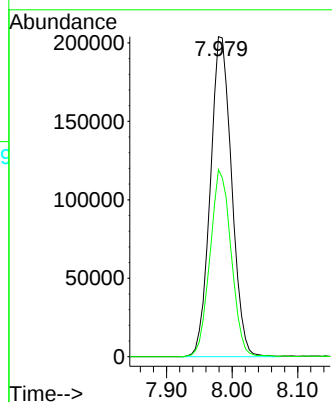
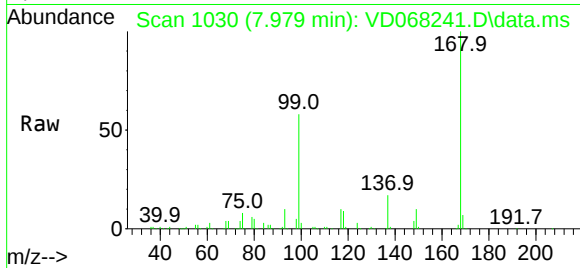




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.979 min Scan# 1030  
Delta R.T. -0.006 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

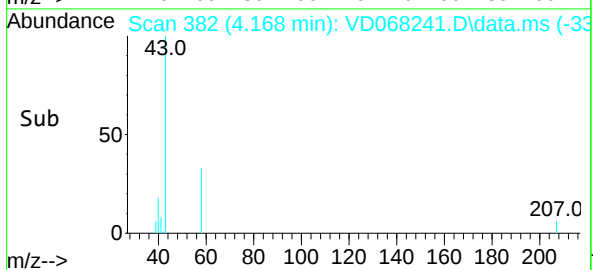
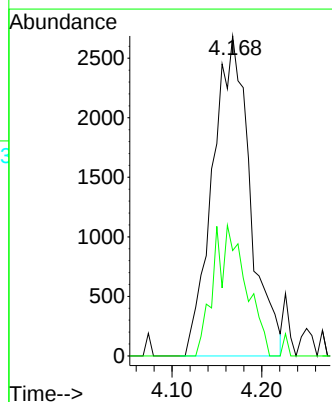
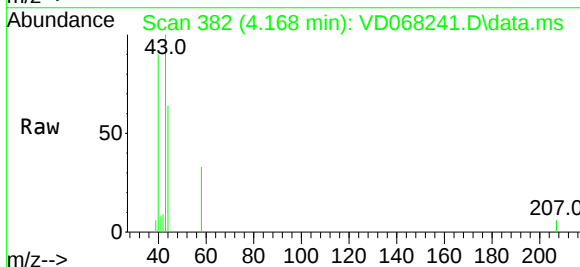
Instrument :  
MSVOA\_D  
ClientSampleId :  
JJ\_BH\_01\_6-7

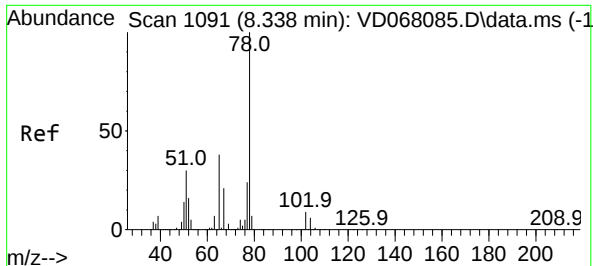
Tgt Ion:168 Resp: 460723  
Ion Ratio Lower Upper  
168 100  
99 58.4 43.5 65.3



#16  
Acetone  
Concen: 9.88 ug/l  
RT: 4.168 min Scan# 382  
Delta R.T. 0.006 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

Tgt Ion: 43 Resp: 7774  
Ion Ratio Lower Upper  
43 100  
58 32.9 24.2 36.4

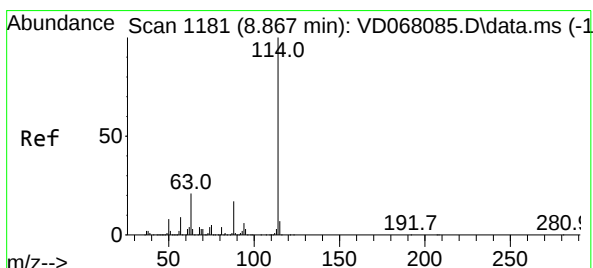
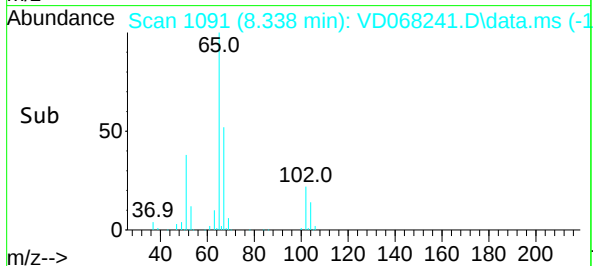
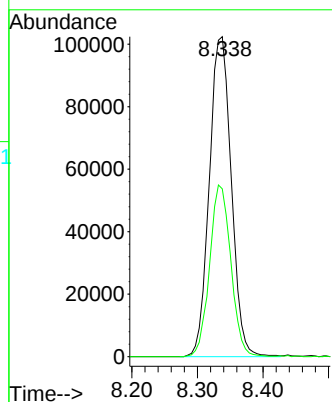
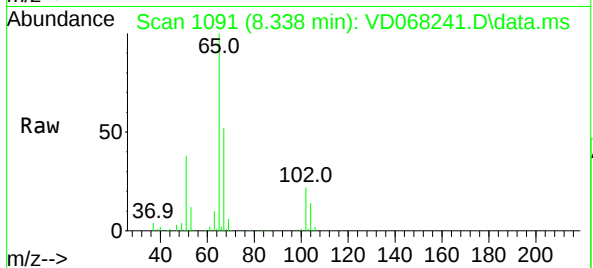




#33  
1,2-Dichloroethane-d4  
Concen: 54.09 ug/l  
RT: 8.338 min Scan# 1091  
Delta R.T. 0.000 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

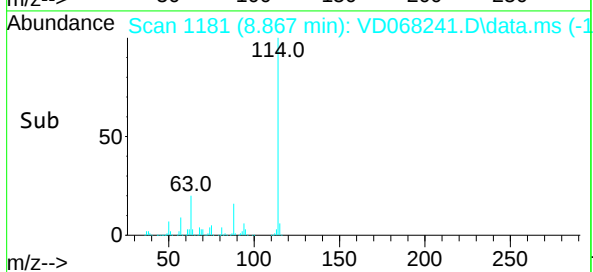
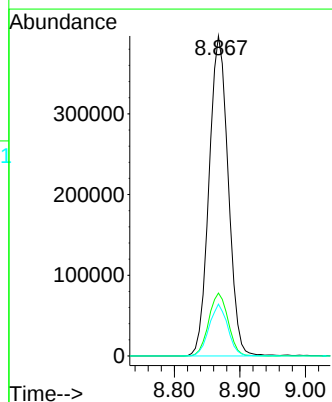
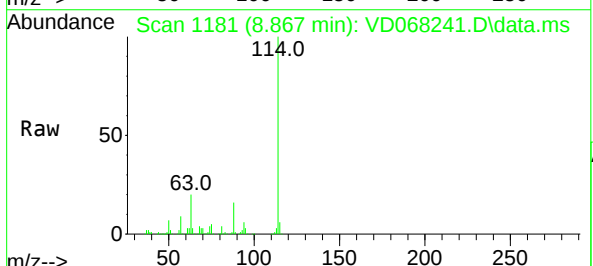
Instrument :  
MSVOA\_D  
ClientSampleId :  
JJ\_BH\_01\_6-7

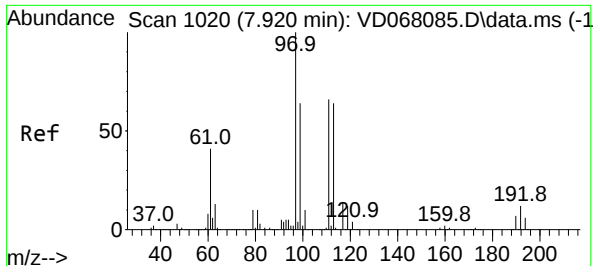
Tgt Ion: 65 Resp: 238383  
Ion Ratio Lower Upper  
65 100  
67 51.9 0.0 105.0



#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

Tgt Ion: 114 Resp: 802821  
Ion Ratio Lower Upper  
114 100  
63 19.7 0.0 34.8  
88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.34 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068241.D

Acq: 29 Jan 2021 15:53

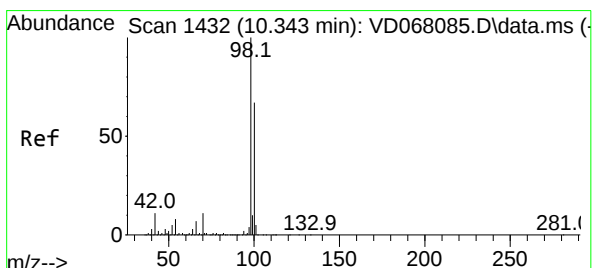
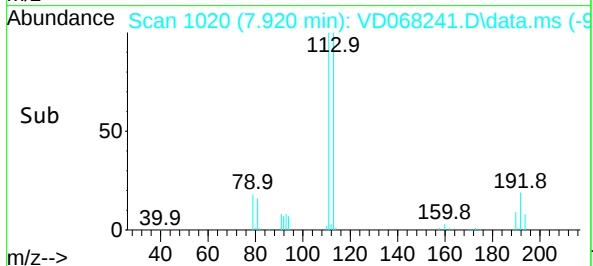
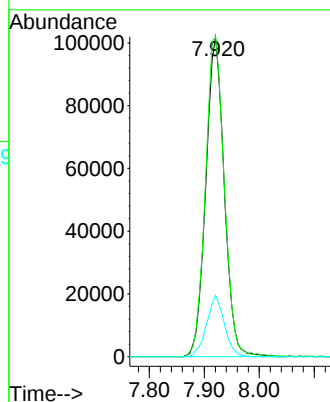
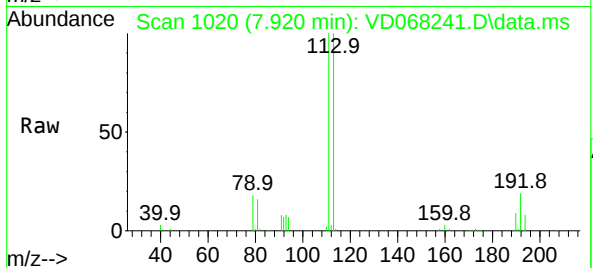
Tgt Ion:113 Resp: 236725

Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.4 16.1 24.1



#50

Toluene-d8

Concen: 56.11 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD068241.D

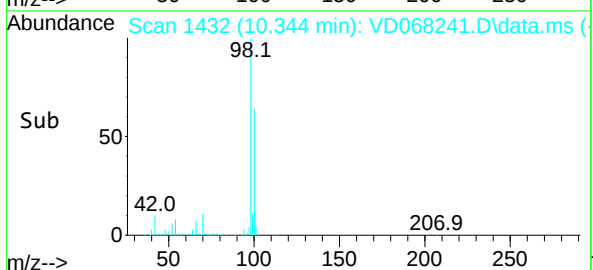
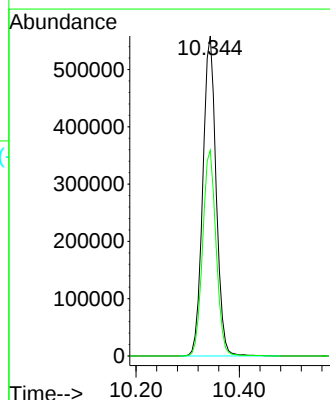
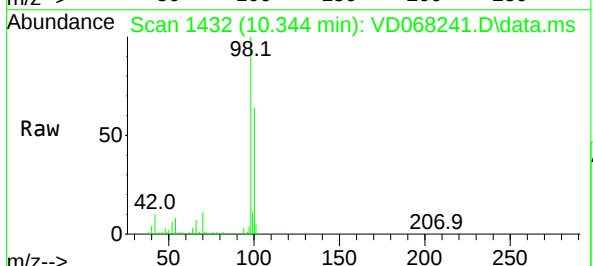
Acq: 29 Jan 2021 15:53

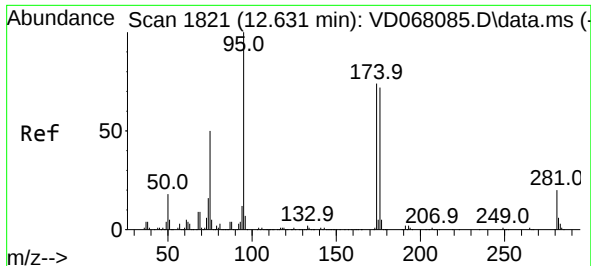
Tgt Ion: 98 Resp: 996154

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.4

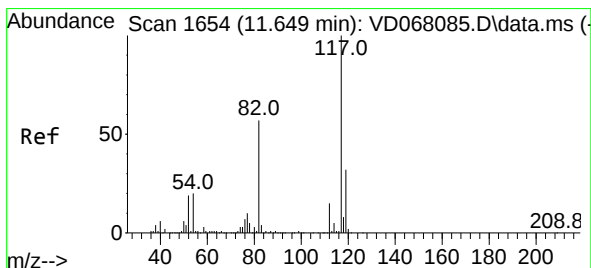
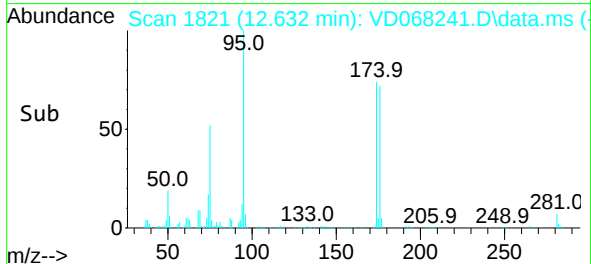
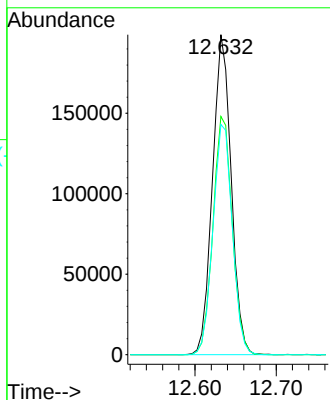
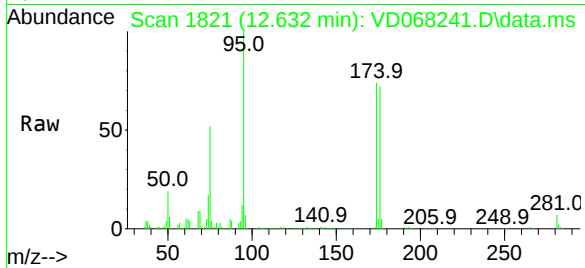




#62  
4-Bromofluorobenzene  
Concen: 49.73 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. 0.000 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

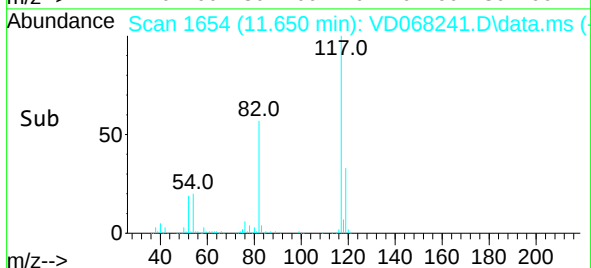
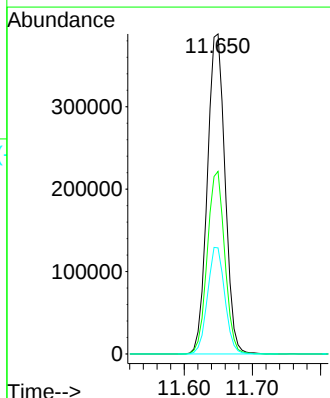
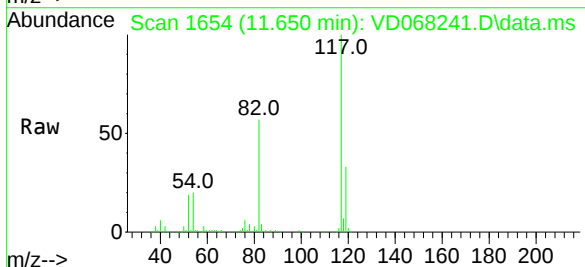
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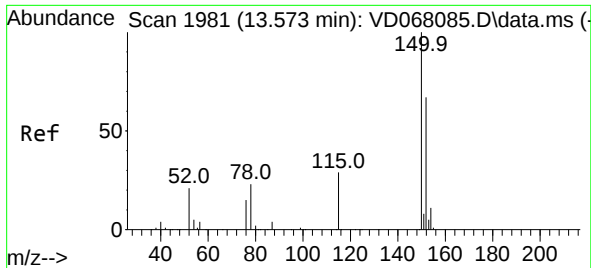
Tgt Ion: 95 Resp: 317940  
Ion Ratio Lower Upper  
95 100  
174 76.9 0.0 172.4  
176 74.5 0.0 168.4



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.650 min Scan# 1654  
Delta R.T. 0.001 min  
Lab File: VD068241.D  
Acq: 29 Jan 2021 15:53

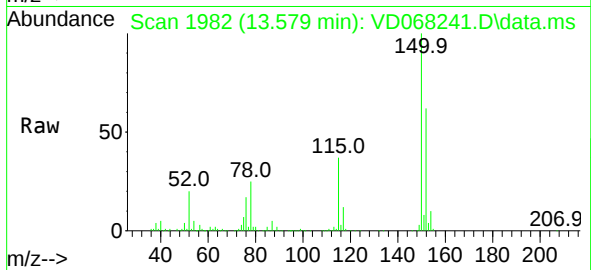
Tgt Ion: 117 Resp: 700419  
Ion Ratio Lower Upper  
117 100  
82 57.1 41.4 62.0  
119 33.2 26.1 39.1





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 13.579 min Scan# 1982  
 Delta R.T. 0.006 min  
 Lab File: VD068241.D  
 Acq: 29 Jan 2021 15:53

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 JJ\_BH\_01\_6-7



Tgt Ion:152 Resp: 306344  
 Ion Ratio Lower Upper  
 152 100  
 115 60.8 28.9 86.8  
 150 160.3 0.0 344.4

