

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD031722\  
 Data File : VD072265.D  
 Acq On : 18 Mar 2022 02:28  
 Operator : VA/SY  
 Sample : N1995-04  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB-07-4.5-5.0

Quant Time: Mar 18 05:39:52 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D031122S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Mar 14 05:18:06 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|--------|------|----------|--------|-------|----------|
| -----                      |        |      |          |        |       |          |
| Internal Standards         |        |      |          |        |       |          |
| 1) Pentafluorobenzene      | 7.973  | 168  | 132868   | 50.000 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.861  | 114  | 217596   | 50.000 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.638 | 117  | 259361   | 50.000 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.561 | 152  | 129680   | 50.000 | ug/l  | 0.00     |

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds |        |       |          |          |      |          |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65    | 97540    | 65.873   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | =    | 131.740% |
| 35) Dibromofluoromethane    | 7.908  | 113   | 80385    | 52.497   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | =    | 105.000% |
| 50) Toluene-d8              | 10.338 | 98    | 274871   | 49.093   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | =    | 98.180%  |
| 62) 4-Bromofluorobenzene    | 12.626 | 95    | 119251   | 54.815   | ug/l | 0.00     |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | =    | 109.640% |

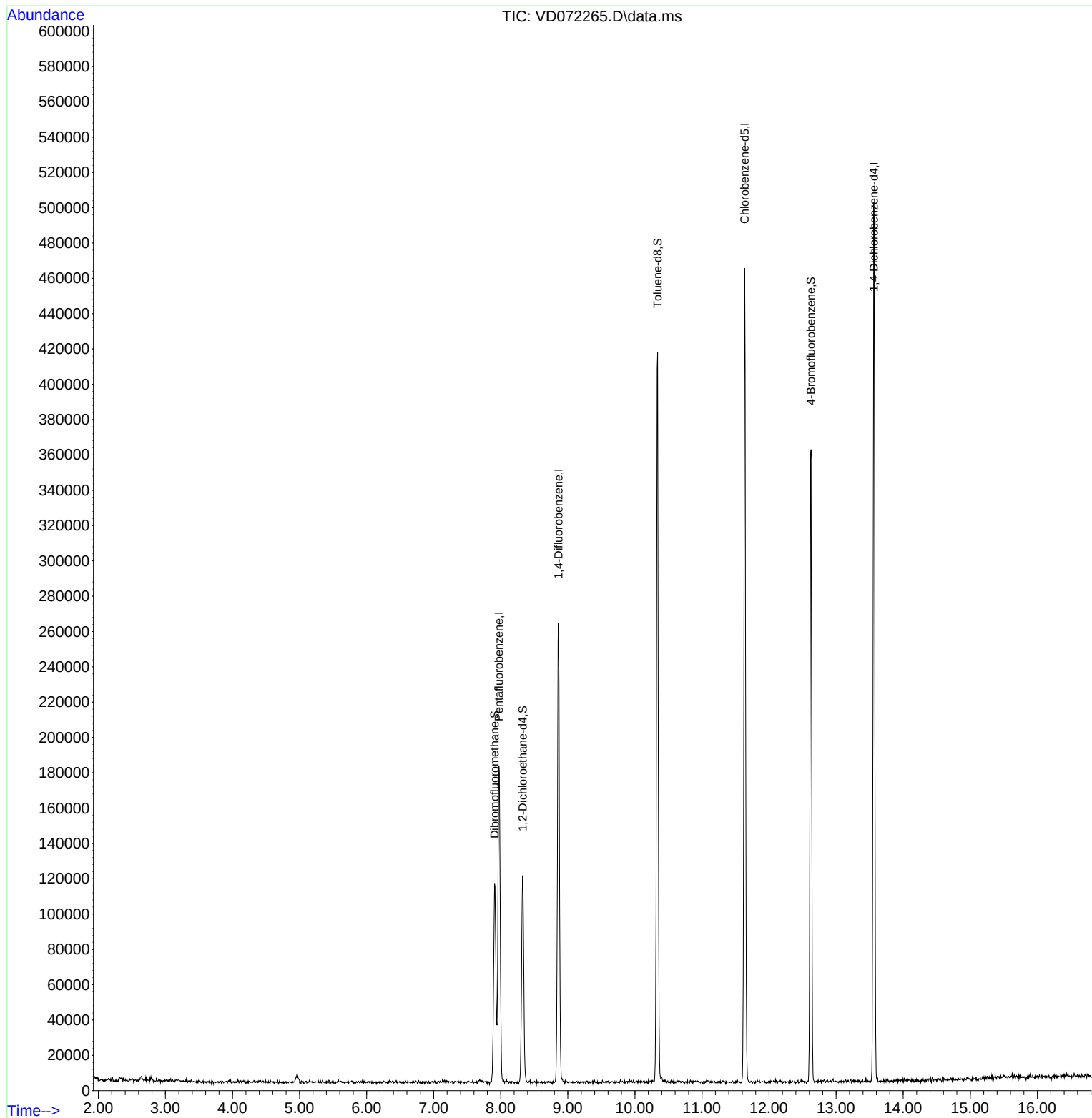
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

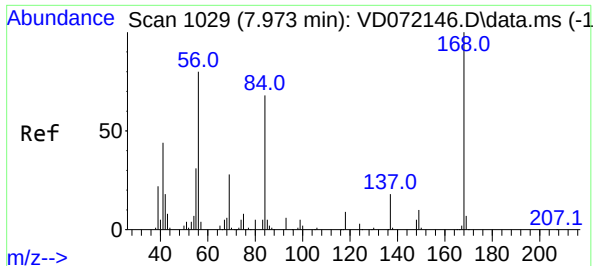
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-07-4.5-5.0

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Quant Title : SW846 8260  
QLast Update : Mon Mar 14 05:18:06 2022  
Response via : Initial Calibration

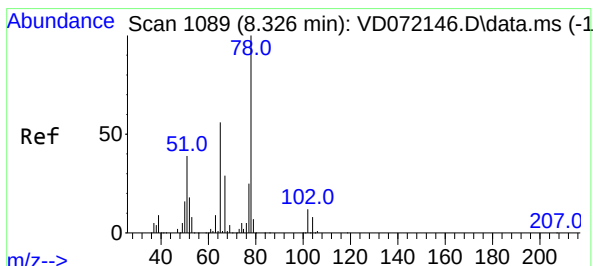
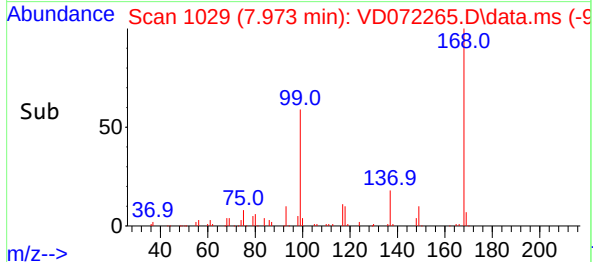
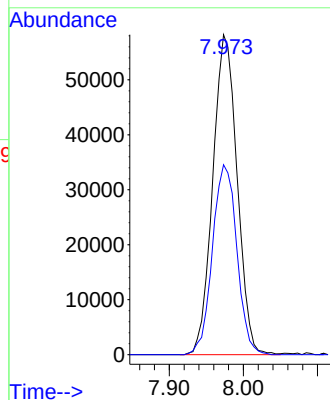
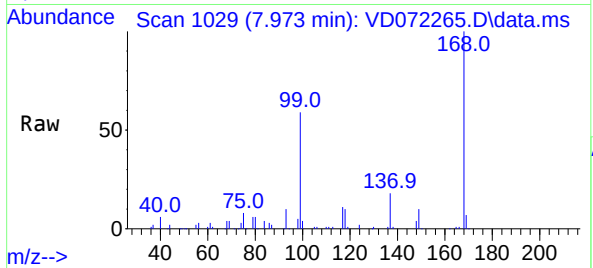




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

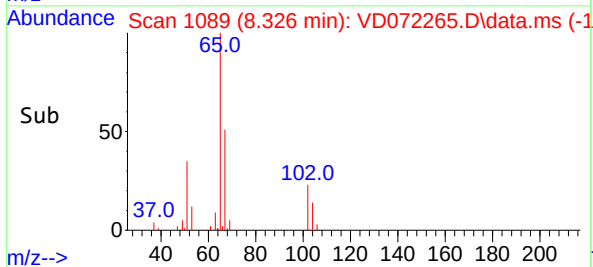
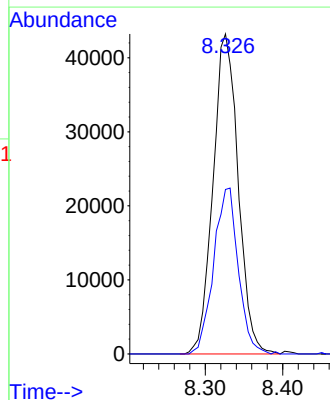
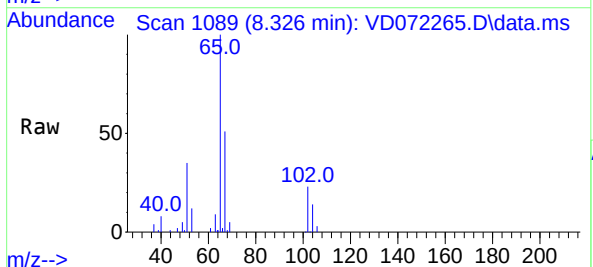
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

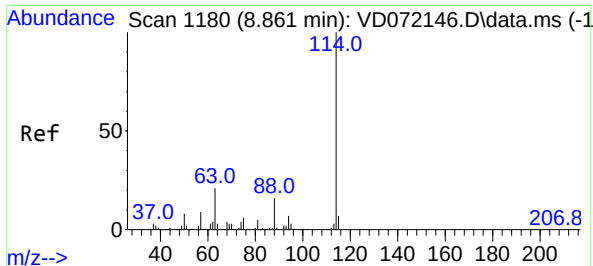
Tgt Ion:168 Resp: 132868  
Ion Ratio Lower Upper  
168 100  
99 59.4 49.8 74.6



#33  
1,2-Dichloroethane-d4  
Concen: 65.873 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. -0.000 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

Tgt Ion: 65 Resp: 97540  
Ion Ratio Lower Upper  
65 100  
67 50.8 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: VD072265.D

Acq: 18 Mar 2022 02:28

Instrument :

MSVOA\_D

ClientSampleId :

SB-07-4.5-5.0

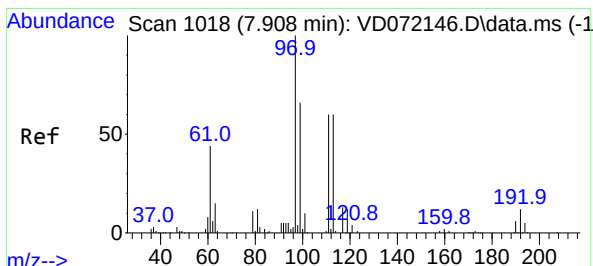
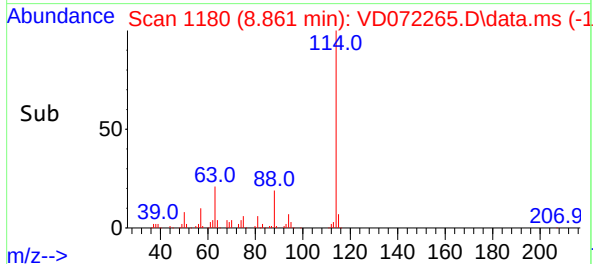
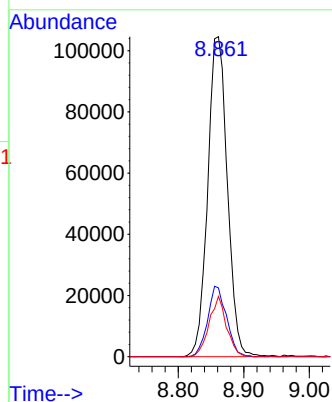
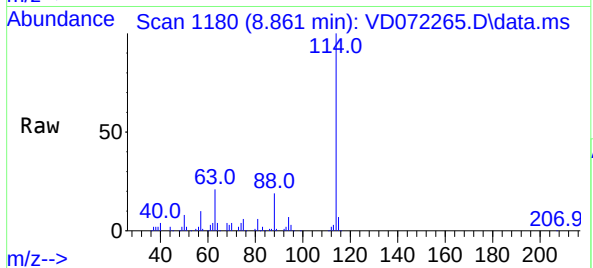
Tgt Ion:114 Resp: 217596

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 18.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.497 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072265.D

Acq: 18 Mar 2022 02:28

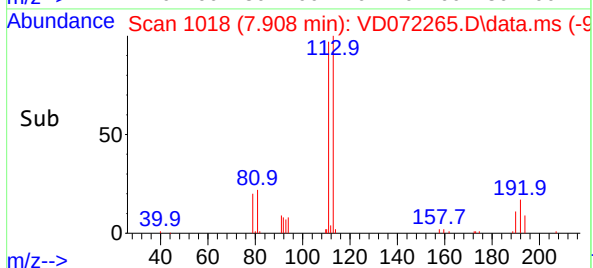
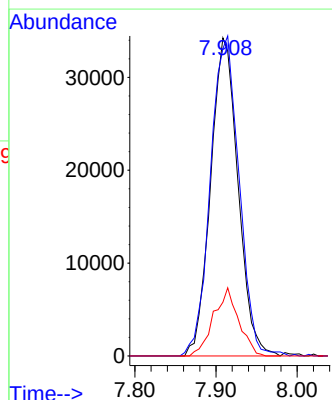
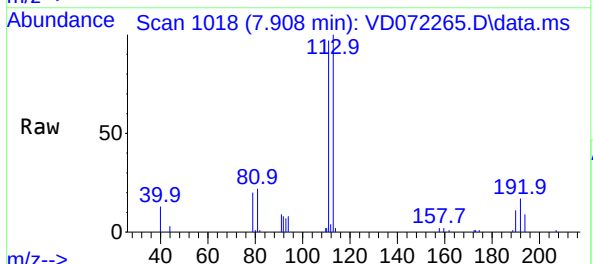
Tgt Ion:113 Resp: 80385

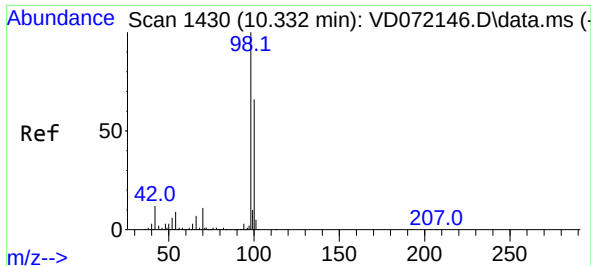
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 19.6 14.6 21.8

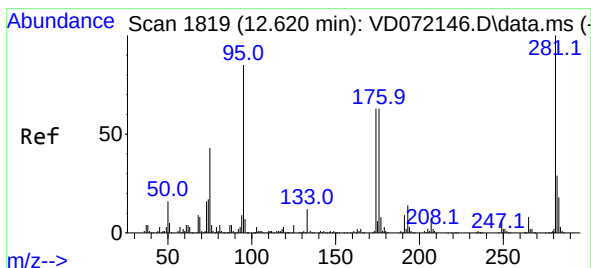
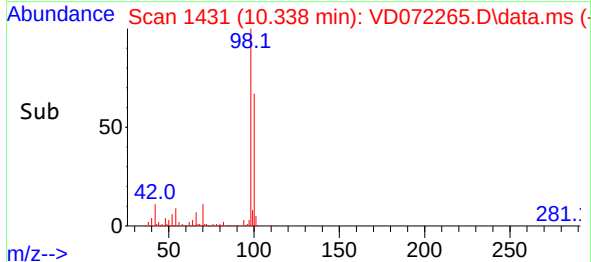
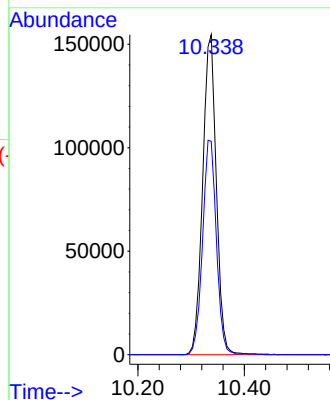
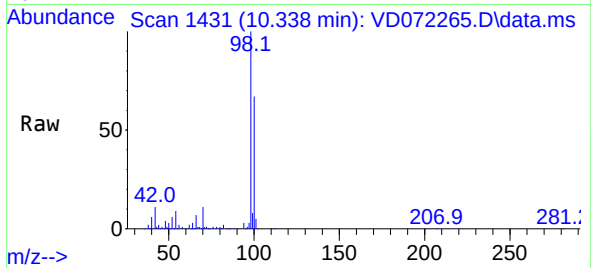




#50  
Toluene-d8  
Concen: 49.093 ug/l  
RT: 10.338 min Scan# 1430  
Delta R.T. 0.006 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

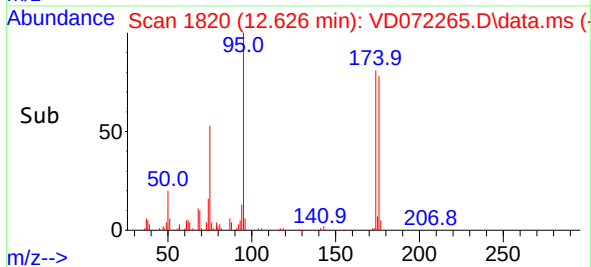
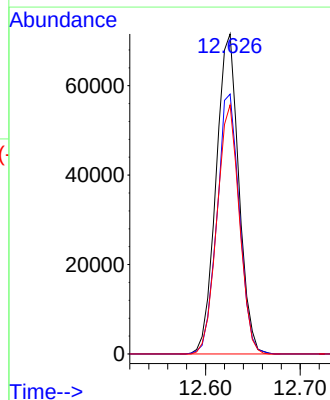
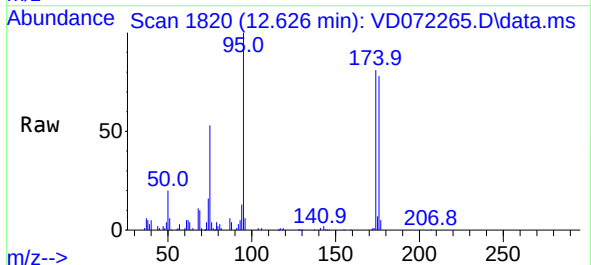
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

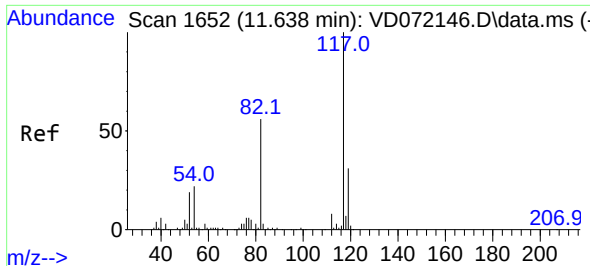
Tgt Ion: 98 Resp: 274871  
Ion Ratio Lower Upper  
98 100  
100 67.5 52.4 78.6



#62  
4-Bromofluorobenzene  
Concen: 54.815 ug/l  
RT: 12.626 min Scan# 1820  
Delta R.T. 0.006 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

Tgt Ion: 95 Resp: 119251  
Ion Ratio Lower Upper  
95 100  
174 80.0 0.0 152.8  
176 76.4 0.0 145.4

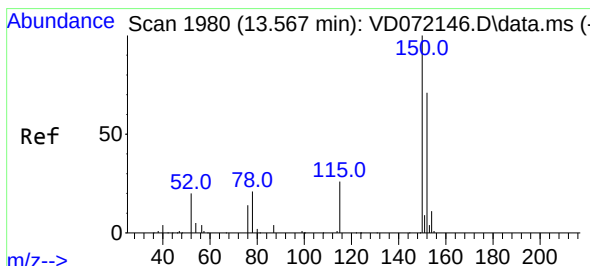
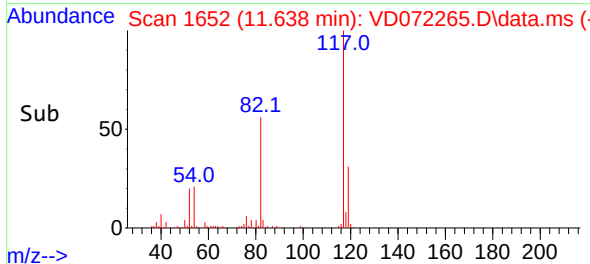
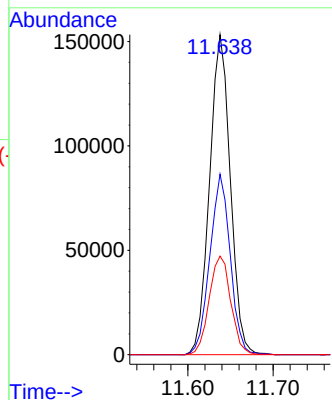
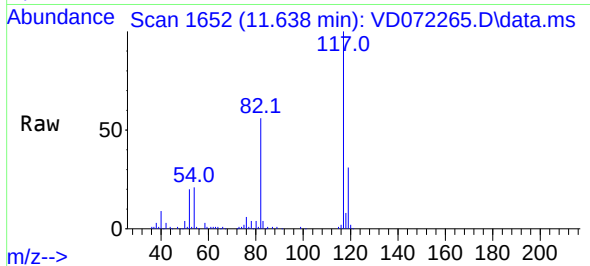




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1179  
Delta R.T. -0.000 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB-07-4.5-5.0

Tgt Ion:117 Resp: 259361  
Ion Ratio Lower Upper  
117 100  
82 56.4 45.3 67.9  
119 30.8 26.6 40.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. -0.006 min  
Lab File: VD072265.D  
Acq: 18 Mar 2022 02:28

Tgt Ion:152 Resp: 129680  
Ion Ratio Lower Upper  
152 100  
115 62.7 31.3 93.8  
150 160.5 0.0 348.6

