

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052522\  
 Data File : VD073374.D  
 Acq On : 25 May 2022 21:41  
 Operator : VA/SY  
 Sample : N2886-18  
 Misc : 6.11G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 P030-SS001-0612-01

Quant Time: May 26 02:27:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 19 15:13:42 2022  
 Response via : Initial Calibration

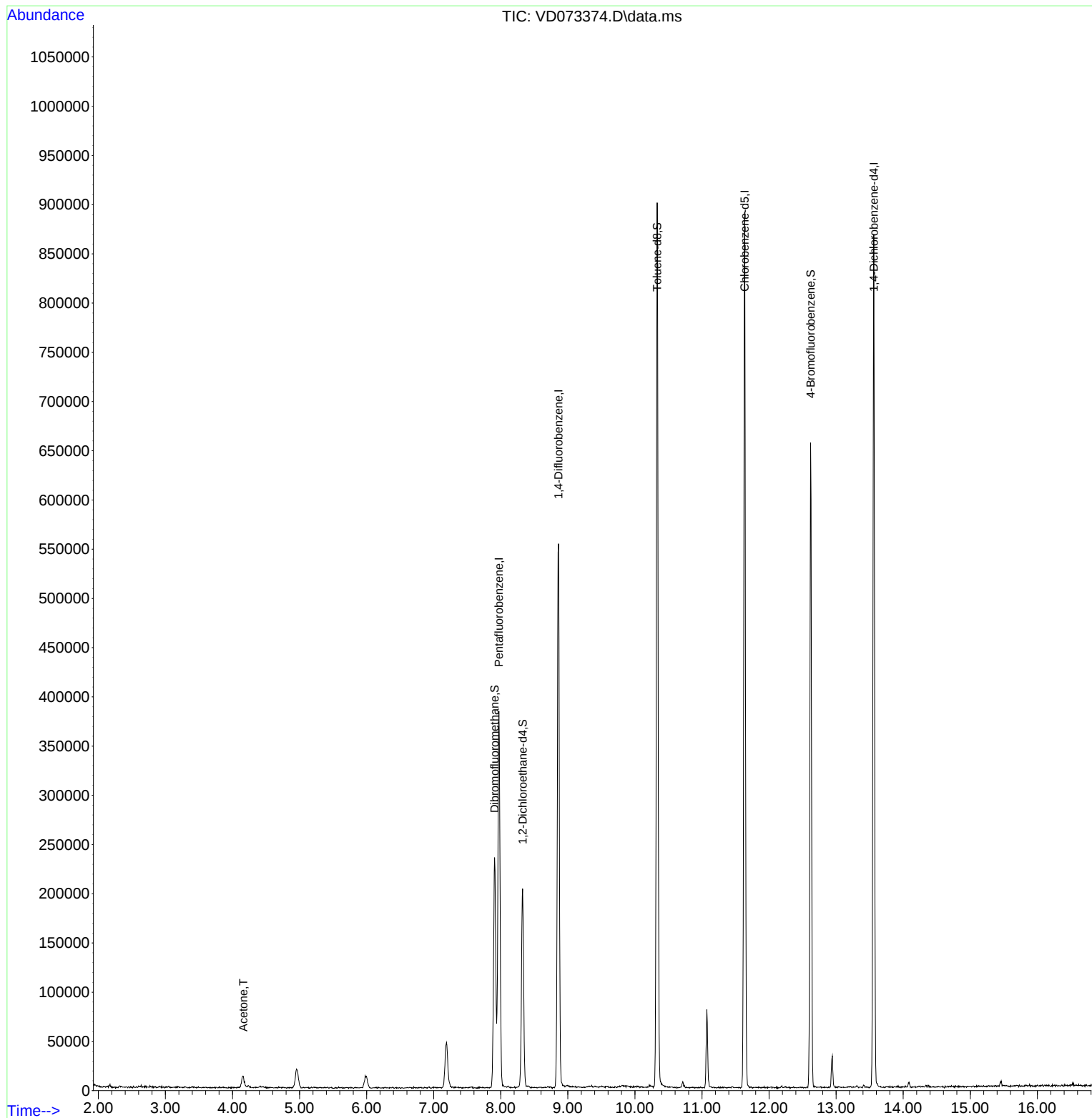
| Compound                    | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min)  |
|-----------------------------|--------|----------------|----------|--------|----------|-----------|
| -----                       |        |                |          |        |          |           |
| Internal Standards          |        |                |          |        |          |           |
| 1) Pentafluorobenzene       | 7.973  | 168            | 273330   | 50.000 | ug/l     | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.861  | 114            | 478144   | 50.000 | ug/l     | 0.00      |
| 63) Chlorobenzene-d5        | 11.638 | 117            | 513410   | 50.000 | ug/l     | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.561 | 152            | 228889   | 50.000 | ug/l     | 0.00      |
| System Monitoring Compounds |        |                |          |        |          |           |
| 33) 1,2-Dichloroethane-d4   | 8.326  | 65             | 156919   | 51.948 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 50 - 163 | Recovery | =      | 103.900% |           |
| 35) Dibromofluoromethane    | 7.908  | 113            | 169216   | 53.632 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 54 - 147 | Recovery | =      | 107.260% |           |
| 50) Toluene-d8              | 10.332 | 98             | 594915   | 51.151 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 49 - 140 | Recovery | =      | 102.300% |           |
| 62) 4-Bromofluorobenzene    | 12.620 | 95             | 221051   | 54.158 | ug/l     | 0.00      |
| Spiked Amount               | 50.000 | Range 25 - 144 | Recovery | =      | 108.320% |           |
| Target Compounds            |        |                |          |        |          |           |
| 16) Acetone                 | 4.162  | 43             | 22291    | 42.604 | ug/l     | Qvalue 97 |
| -----                       |        |                |          |        |          |           |

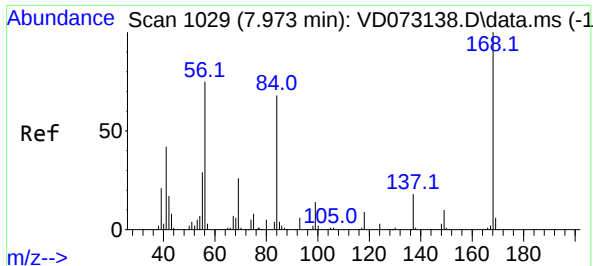
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_D  
ClientSampleId :  
P030-SS001-0612-01

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D051922S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 19 15:13:42 2022  
Response via : Initial Calibration

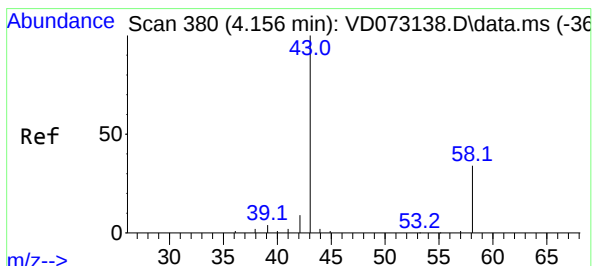
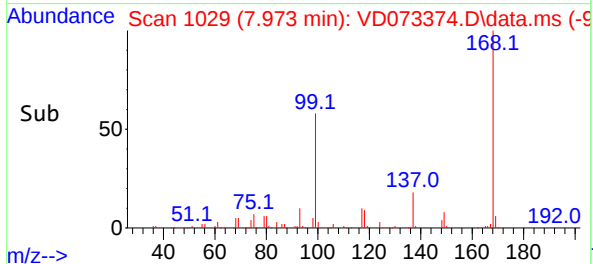
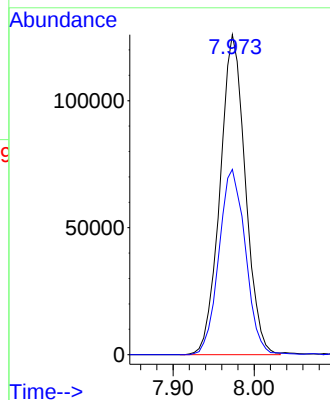
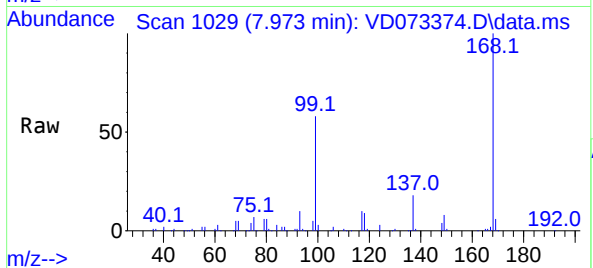




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

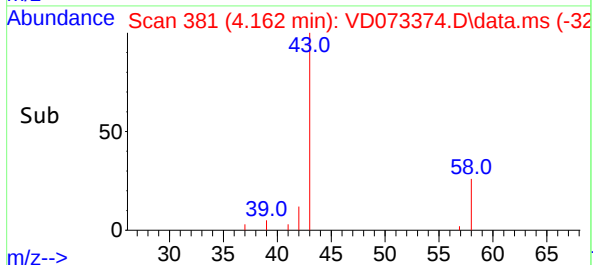
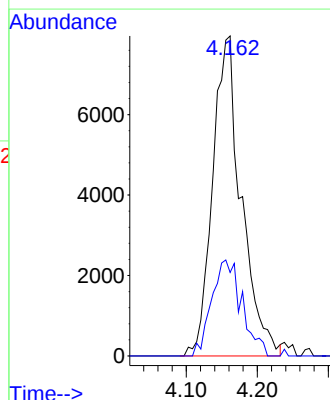
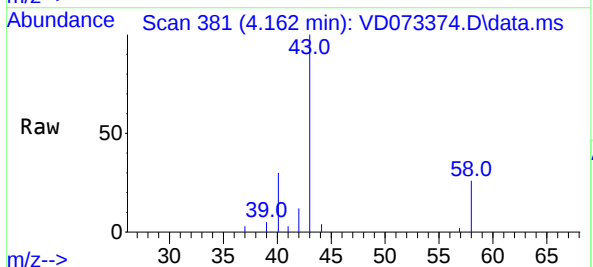
Instrument :  
MSVOA\_D  
ClientSampleId :  
P030-SS001-0612-01

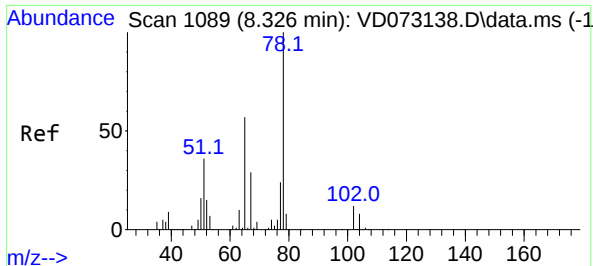
Tgt Ion:168 Resp: 273330  
Ion Ratio Lower Upper  
168 100  
99 57.9 49.8 74.6



#16  
Acetone  
Concen: 42.604 ug/l  
RT: 4.162 min Scan# 381  
Delta R.T. 0.006 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

Tgt Ion: 43 Resp: 22291  
Ion Ratio Lower Upper  
43 100  
58 26.1 22.1 33.1

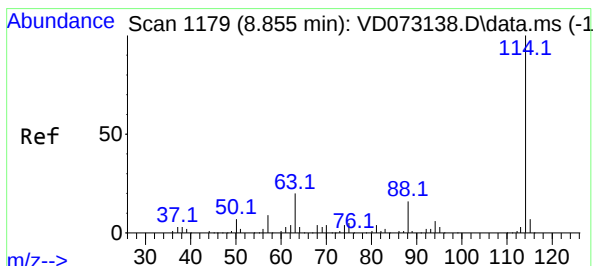
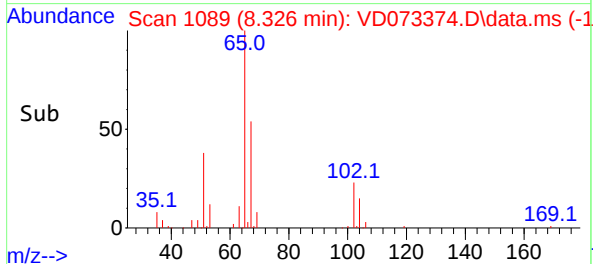
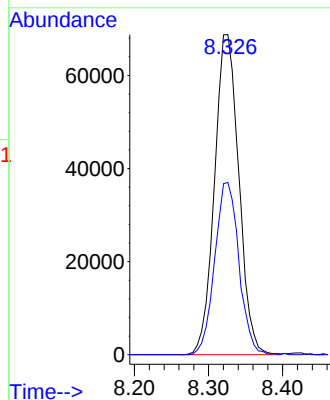
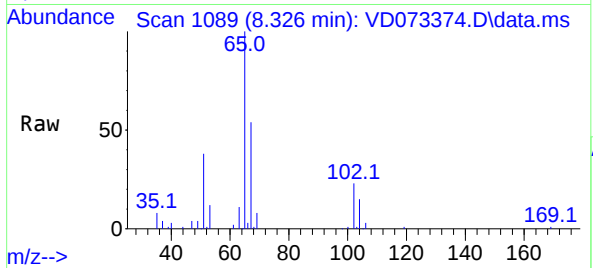




#33  
1,2-Dichloroethane-d4  
Concen: 51.948 ug/l  
RT: 8.326 min Scan# 110  
Delta R.T. 0.000 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

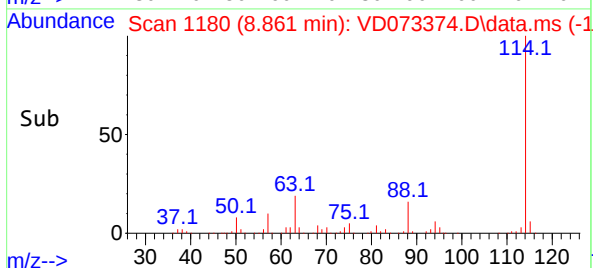
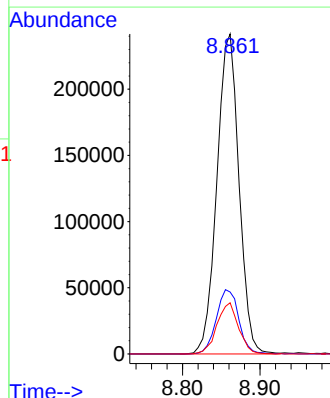
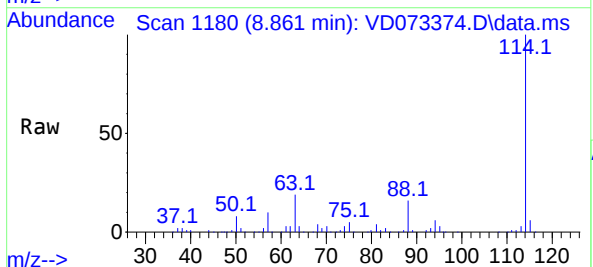
Instrument :  
MSVOA\_D  
ClientSampleId :  
P030-SS001-0612-01

Tgt Ion: 65 Resp: 156919  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 101.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.861 min Scan# 1180  
Delta R.T. 0.006 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

Tgt Ion: 114 Resp: 478144  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 46.6  
88 16.0 0.0 33.2

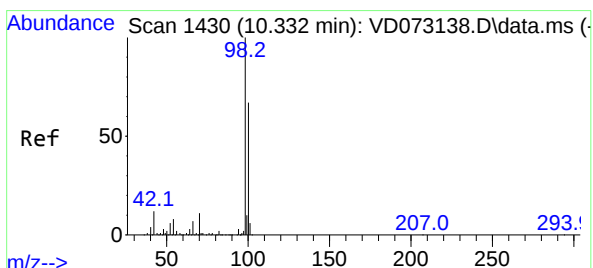
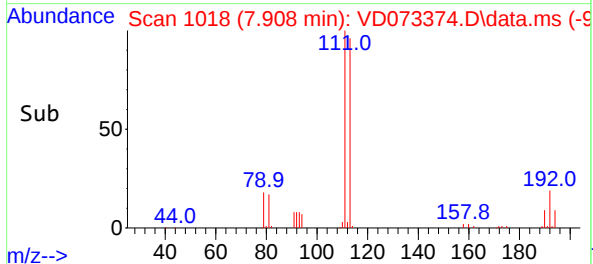
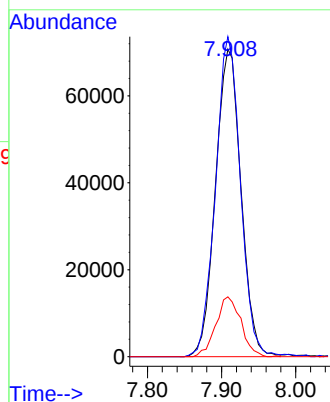
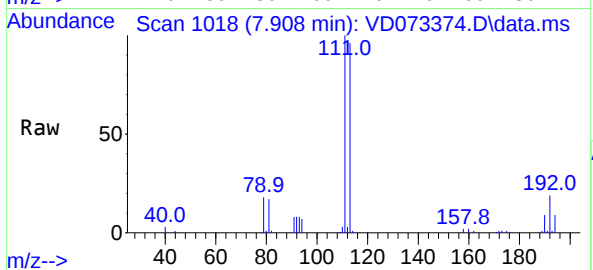




#35  
Dibromofluoromethane  
Concen: 53.632 ug/l  
RT: 7.908 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

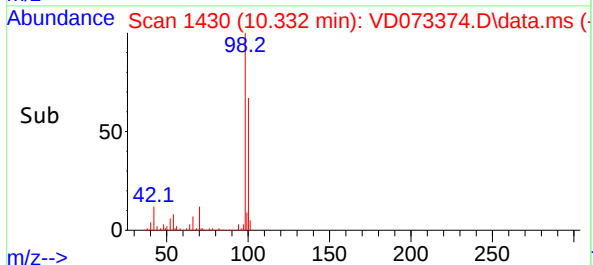
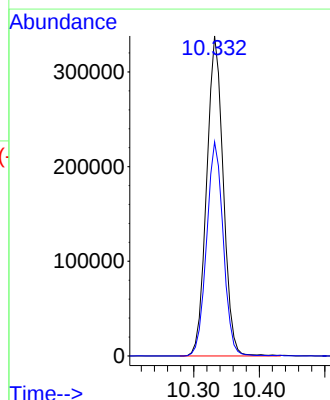
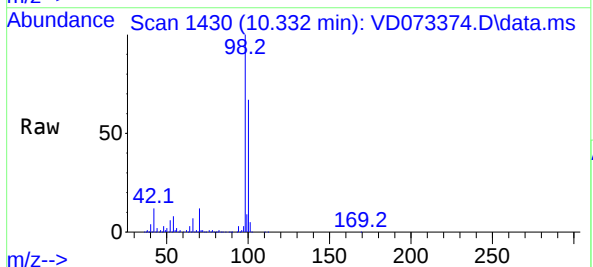
Instrument :  
MSVOA\_D  
ClientSampleId :  
P030-SS001-0612-01

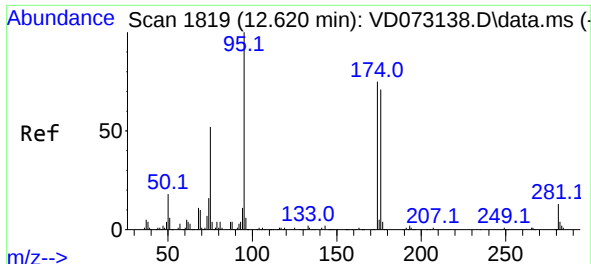
Tgt Ion:113 Resp: 169216  
Ion Ratio Lower Upper  
113 100  
111 102.0 83.8 125.6  
192 19.1 14.6 21.8



#50  
Toluene-d8  
Concen: 51.151 ug/l  
RT: 10.332 min Scan# 1430  
Delta R.T. -0.000 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

Tgt Ion: 98 Resp: 594915  
Ion Ratio Lower Upper  
98 100  
100 67.0 52.4 78.6

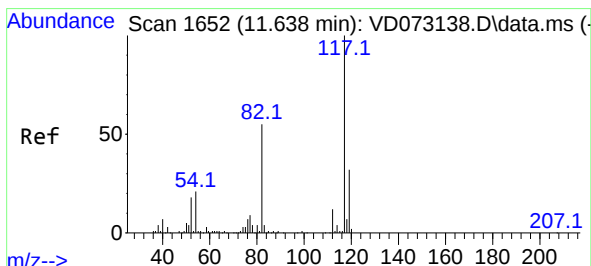
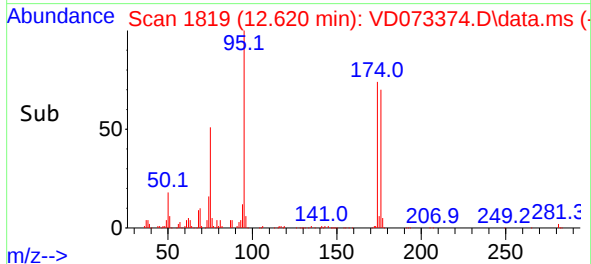
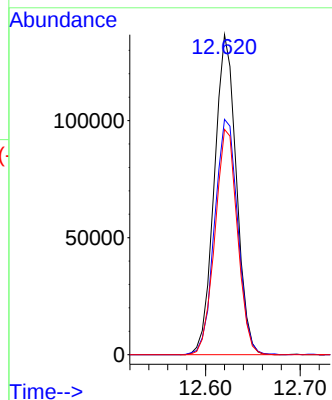
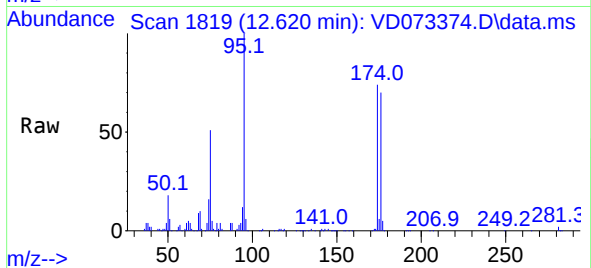




#62  
4-Bromofluorobenzene  
Concen: 54.158 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

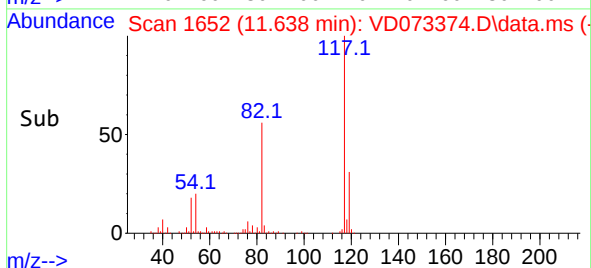
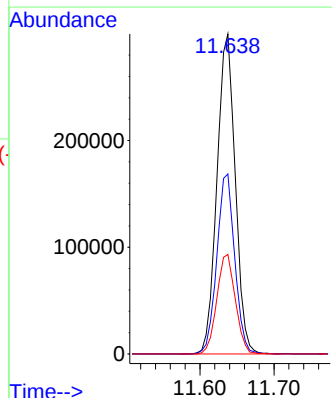
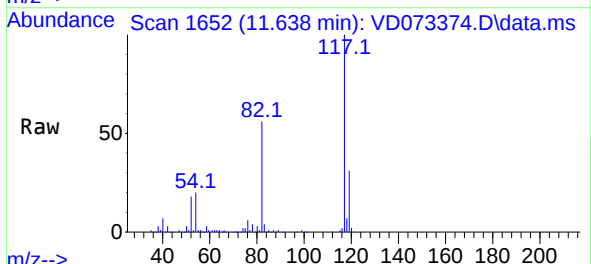
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P030-SS001-0612-01

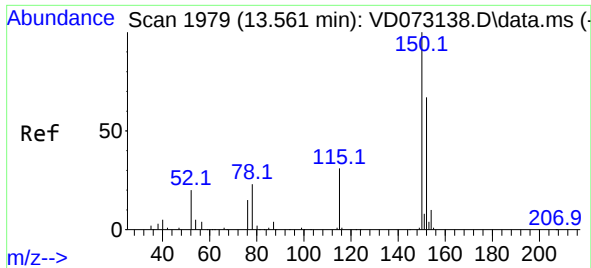
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 95    | Resp: | 221051 |
| Ion      | Ratio | Lower | Upper  |
| 95       | 100   |       |        |
| 174      | 77.3  | 0.0   | 152.8  |
| 176      | 71.8  | 0.0   | 145.4  |



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.638 min Scan# 1652  
Delta R.T. -0.000 min  
Lab File: VD073374.D  
Acq: 25 May 2022 21:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 513410 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 82       | 56.2  | 45.3  | 67.9   |
| 119      | 31.1  | 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: VD073374.D

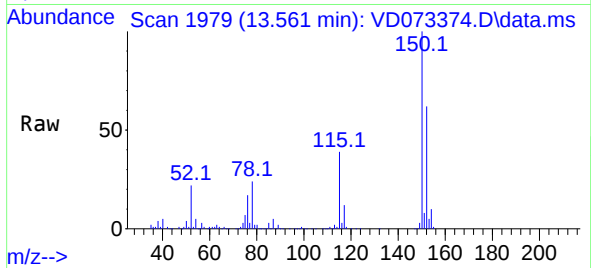
Acq: 25 May 2022 21:41

Instrument :

MSVOA\_D

ClientSampleId :

P030-SS001-0612-01



Tgt Ion:152 Resp: 228889

Ion Ratio Lower Upper

152 100

115 59.4 31.3 93.8

150 155.9 0.0 348.6

