

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD081122\  
 Data File : VD074052.D  
 Acq On : 11 Aug 2022 20:16  
 Operator : VA/SY  
 Sample : N4130-11RE  
 Misc : 5.01G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 SB09RE

Quant Time: Aug 12 01:19:50 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081022S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 14:55:58 2022  
 Response via : Initial Calibration

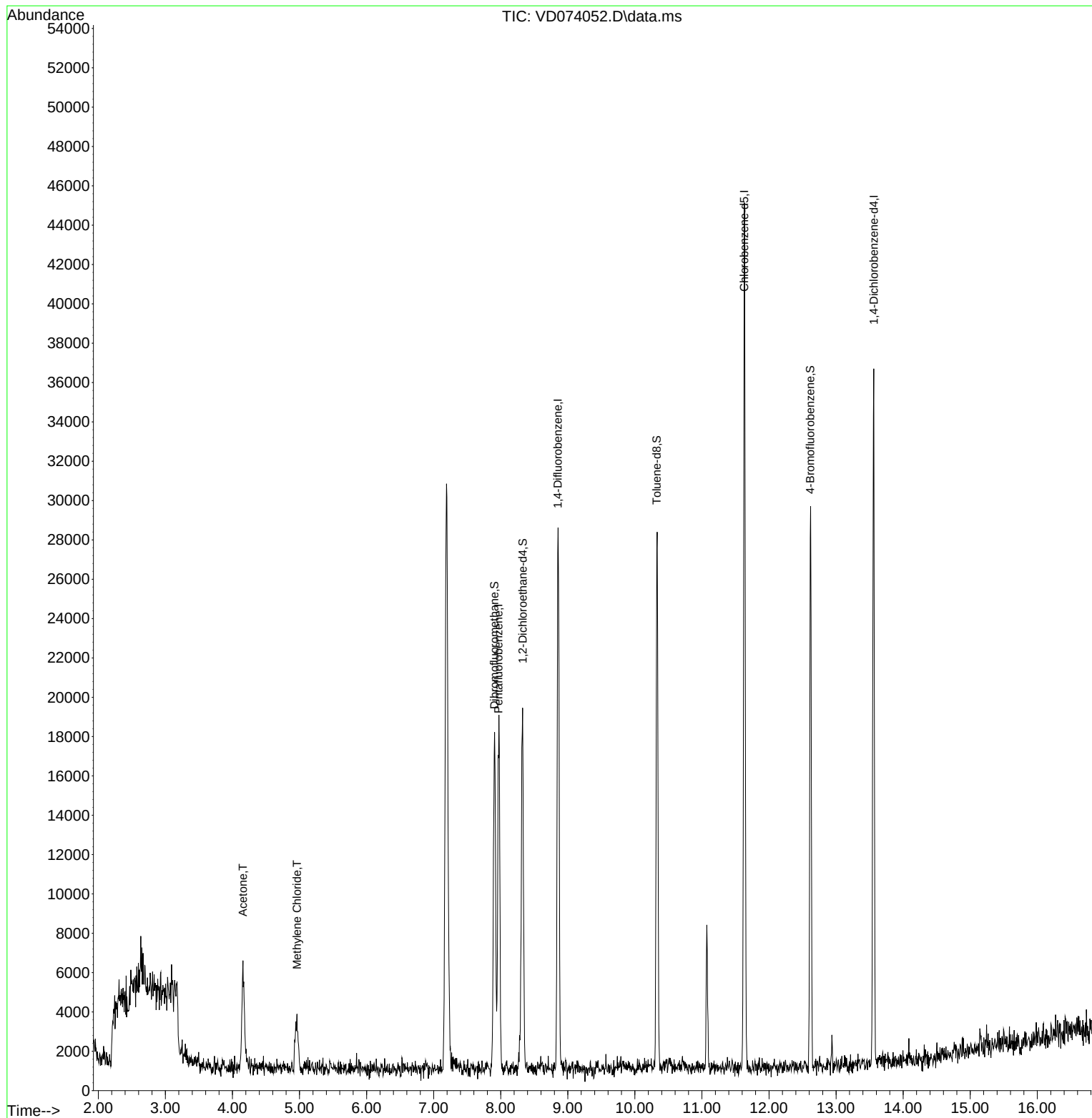
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min)  |
|-----------------------------|-----------|-------|----------|----------|--------|-----------|
| -----                       |           |       |          |          |        |           |
| Internal Standards          |           |       |          |          |        |           |
| 1) Pentafluorobenzene       | 7.967     | 168   | 13092    | 50.000   | ug/l   | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.850     | 114   | 23637    | 50.000   | ug/l   | 0.00      |
| 63) Chlorobenzene-d5        | 11.632    | 117   | 23833    | 50.000   | ug/l   | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.561    | 152   | 9206     | 50.000   | ug/l   | 0.00      |
|                             |           |       |          |          |        |           |
| System Monitoring Compounds |           |       |          |          |        |           |
| 33) 1,2-Dichloroethane-d4   | 8.326     | 65    | 13877    | 149.064  | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | =      | 298.120%# |
| 35) Dibromofluoromethane    | 7.903     | 113   | 12148    | 77.379   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | =      | 154.760%# |
| 50) Toluene-d8              | 10.326    | 98    | 19237    | 46.436   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 49 - 140 | Recovery | =      | 92.880%   |
| 62) 4-Bromofluorobenzene    | 12.614    | 95    | 8949     | 46.353   | ug/l   | 0.00      |
| Spiked Amount               | 50.000    | Range | 25 - 144 | Recovery | =      | 92.700%   |
|                             |           |       |          |          |        |           |
| Target Compounds            |           |       |          |          |        | Qvalue    |
| 16) Acetone                 | 4.156     | 43    | 8656     | 413.211  | ug/l   | 98        |
| 20) Methylene Chloride      | 4.962     | 84    | 2133     | 13.081   | ug/l # | 79        |
| -----                       |           |       |          |          |        |           |

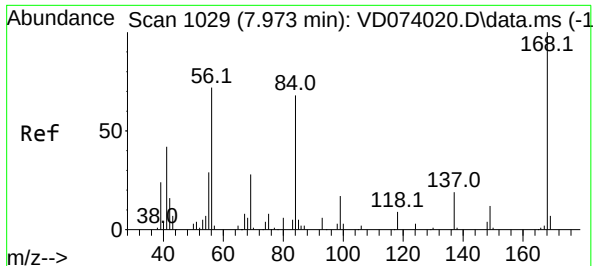
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_D  
ClientSampleId :  
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Quant Time: Aug 12 01:19:50 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D081022S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 10 14:55:58 2022  
Response via : Initial Calibration

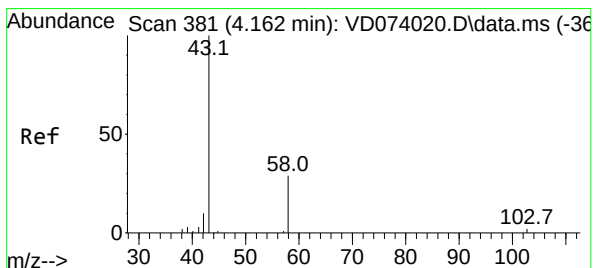
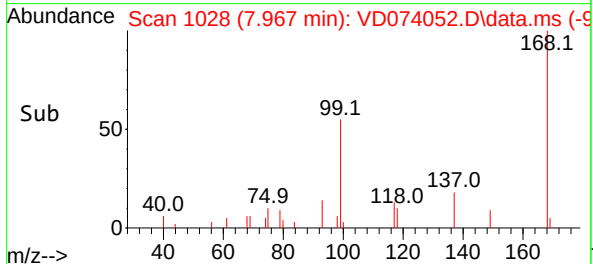
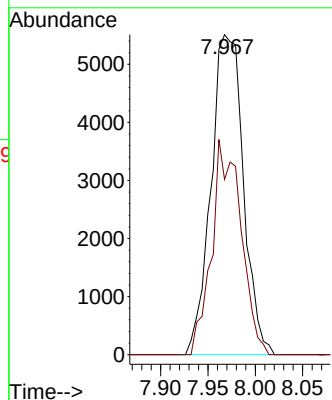
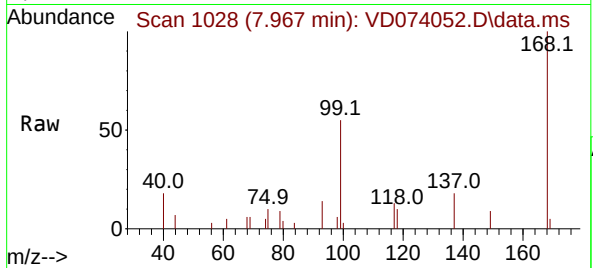




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.967 min Scan# 1028  
Delta R.T. -0.006 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

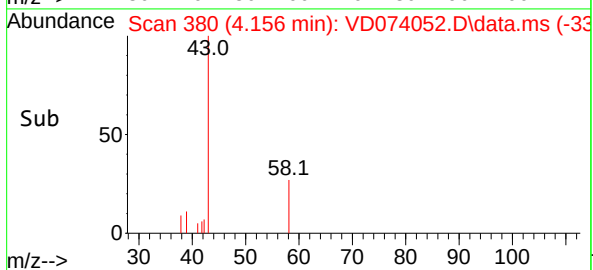
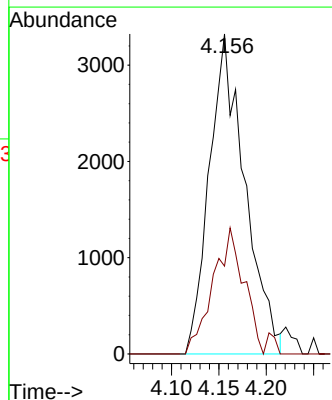
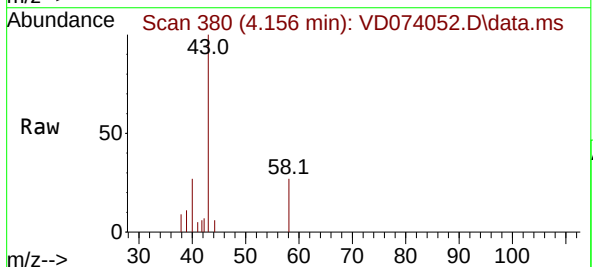
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB09RE

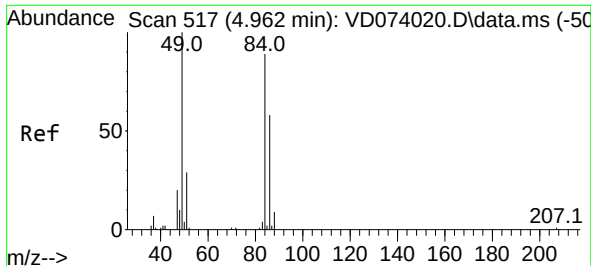
Tgt Ion:168 Resp: 13092  
Ion Ratio Lower Upper  
168 100  
99 54.7 48.3 72.5



#16  
Acetone  
Concen: 413.211 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.006 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

Tgt Ion: 43 Resp: 8656  
Ion Ratio Lower Upper  
43 100  
58 27.5 22.8 34.2

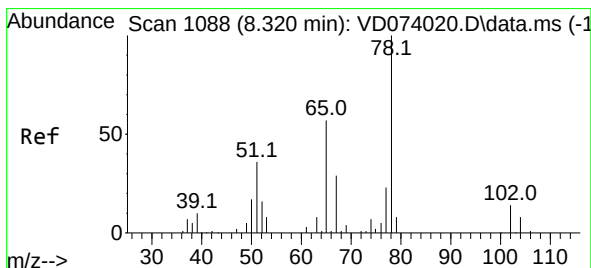
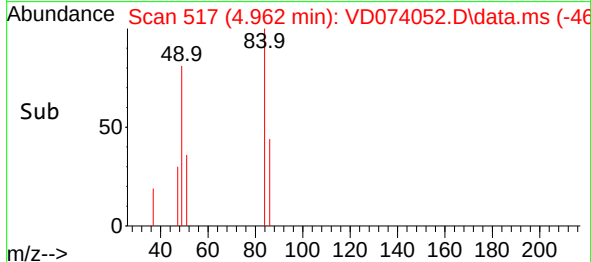
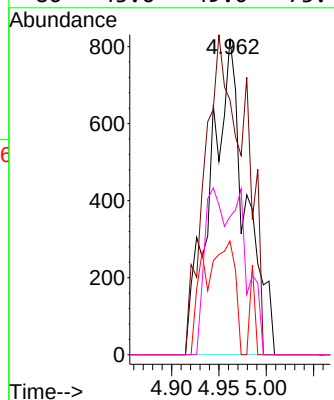
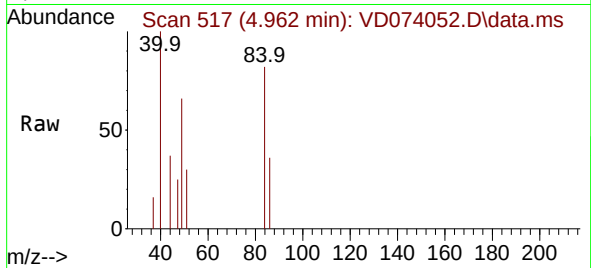




#20  
Methylene Chloride  
Concen: 13.081 ug/l  
RT: 4.962 min Scan# 517  
Delta R.T. -0.000 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

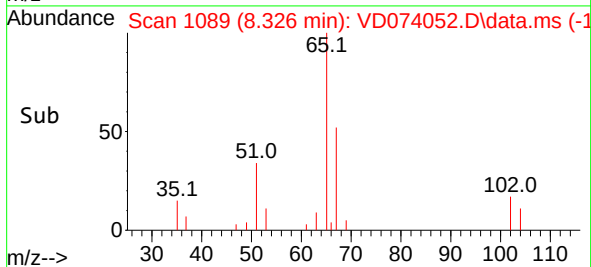
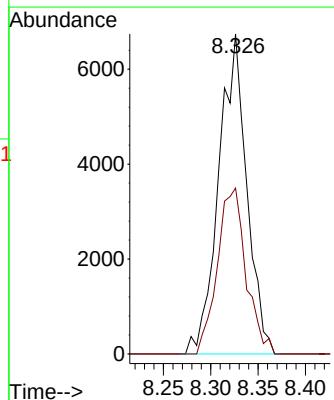
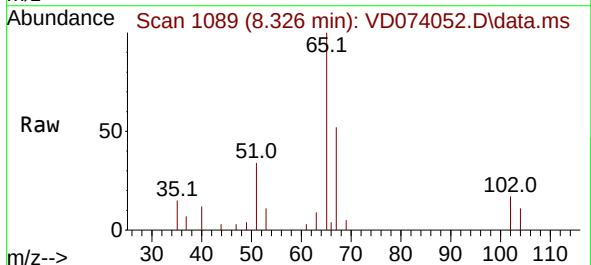
Instrument :  
MSVOA\_D  
ClientSampleId :  
SB09RE

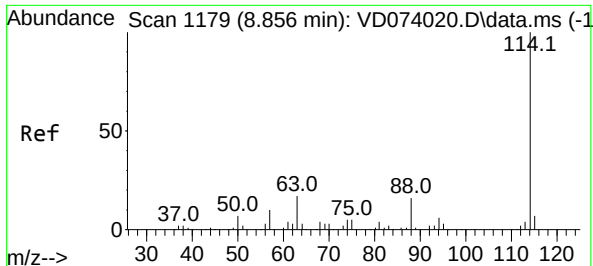
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 2133   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 80.6  | 85.8  | 128.6# |
| 51       | 35.9  | 28.0  | 42.0   |
| 86       | 43.6  | 49.0  | 73.4#  |



#33  
1,2-Dichloroethane-d4  
Concen: 149.064 ug/l  
RT: 8.326 min Scan# 1089  
Delta R.T. 0.006 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 13877 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 53.0  | 0.0   | 113.6 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

Instrument :

MSVOA\_D

ClientSampleId :

SB09RE

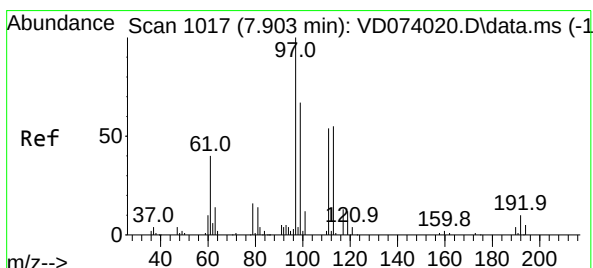
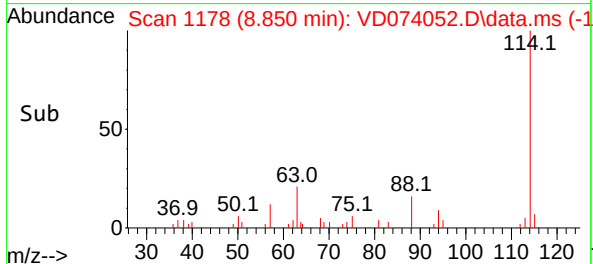
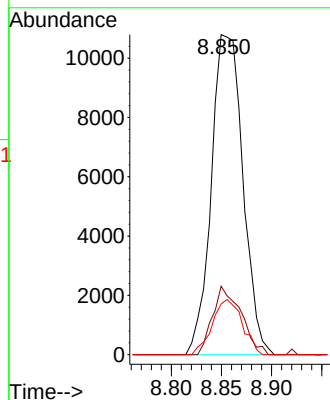
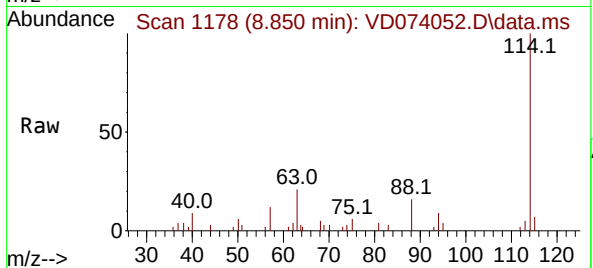
Tgt Ion:114 Resp: 23637

Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.0

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 77.379 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD074052.D

Acq: 11 Aug 2022 20:16

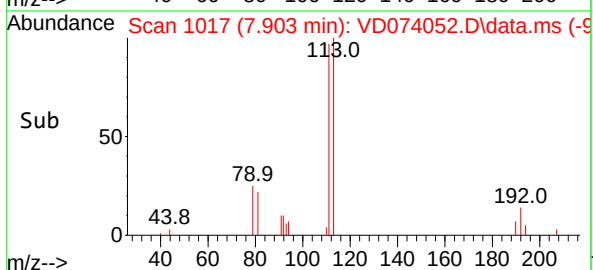
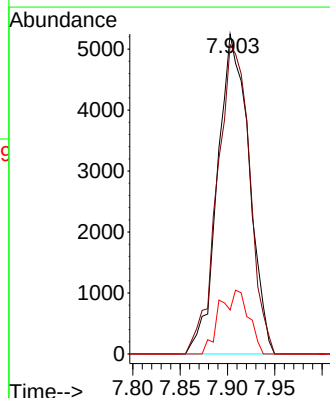
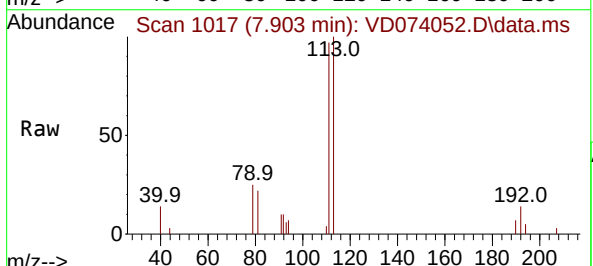
Tgt Ion:113 Resp: 12148

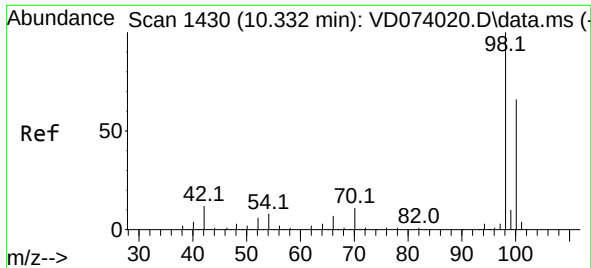
Ion Ratio Lower Upper

113 100

111 99.4 80.0 120.0

192 18.3 14.2 21.4

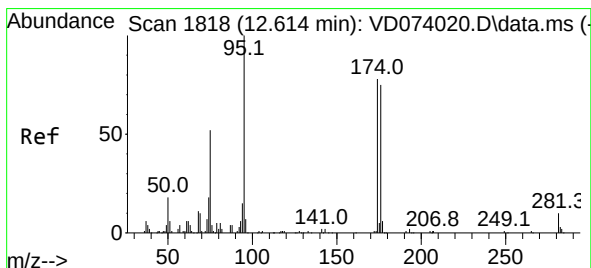
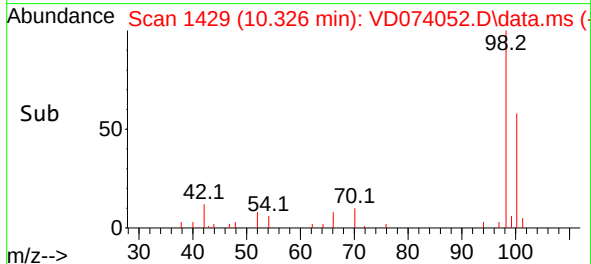
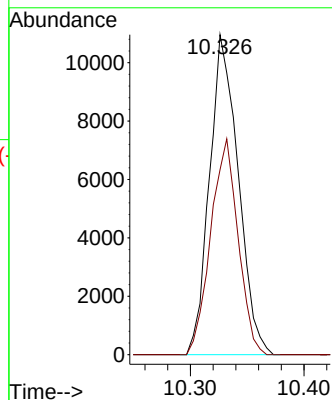
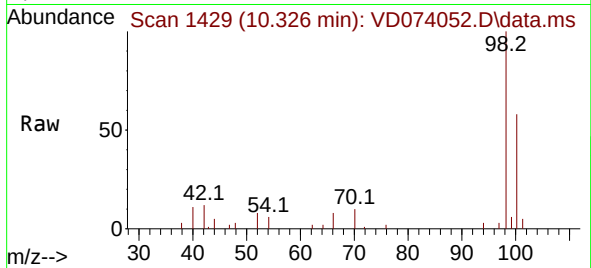




#50  
Toluene-d8  
Concen: 46.436 ug/l  
RT: 10.326 min Scan# 1430  
Delta R.T. -0.006 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

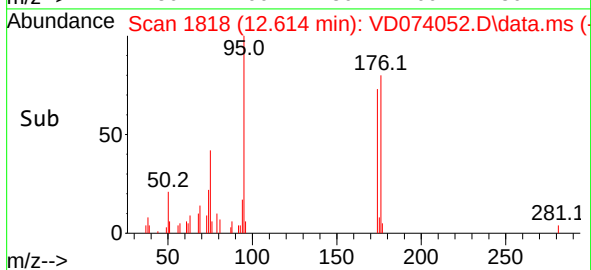
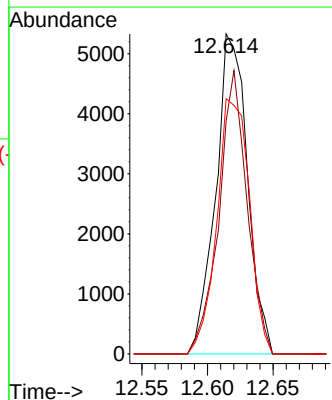
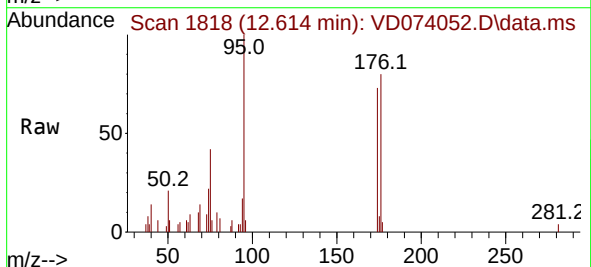
Instrument :  
MSVOA\_D  
ClientSampleId :  
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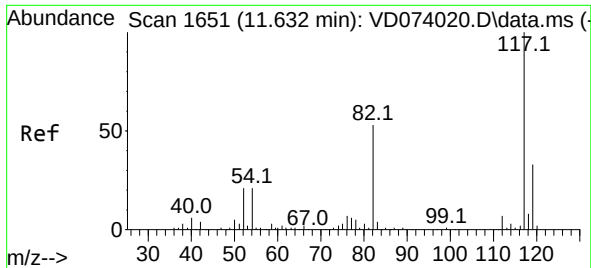
Tgt Ion: 98 Resp: 19237  
Ion Ratio Lower Upper  
98 100  
100 64.3 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 46.353 ug/l  
RT: 12.614 min Scan# 1818  
Delta R.T. 0.000 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

Tgt Ion: 95 Resp: 8949  
Ion Ratio Lower Upper  
95 100  
174 78.9 0.0 162.6  
176 82.0 0.0 160.0

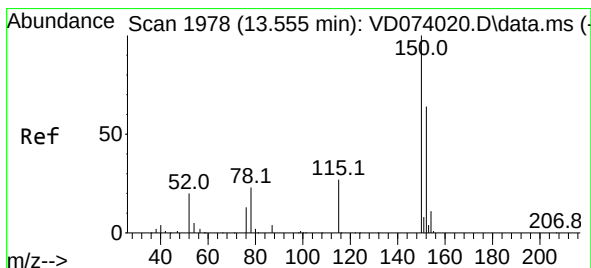
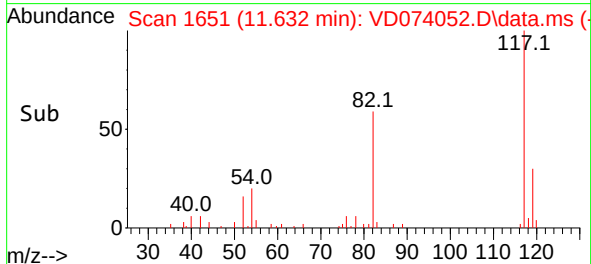
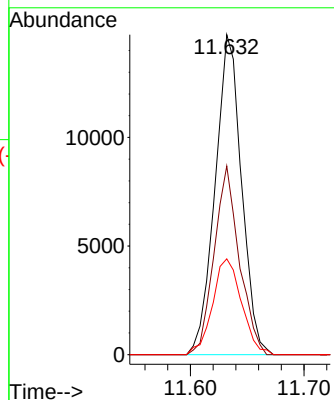
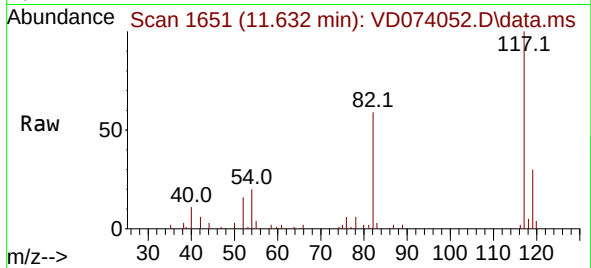




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 117  
Delta R.T. -0.000 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

Instrument :  
MSVOA\_D  
ClientSampleId :  
SB09RE

Tgt Ion:117 Resp: 23833  
Ion Ratio Lower Upper  
117 100  
82 58.9 42.7 64.1  
119 30.0 25.8 38.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.561 min Scan# 1979  
Delta R.T. 0.006 min  
Lab File: VD074052.D  
Acq: 11 Aug 2022 20:16

Tgt Ion:152 Resp: 9206  
Ion Ratio Lower Upper  
152 100  
115 65.7 29.9 89.8  
150 157.0 0.0 342.8

