

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD080922\  
 Data File : VD074010.D  
 Acq On : 10 Aug 2022 02:24  
 Operator : VA/SY  
 Sample : N4046-13  
 Misc : 7.02G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BEACONPOINT-BACKFILL-07

Quant Time: Aug 10 04:48:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Aug 10 01:05:43 2022  
 Response via : Initial Calibration

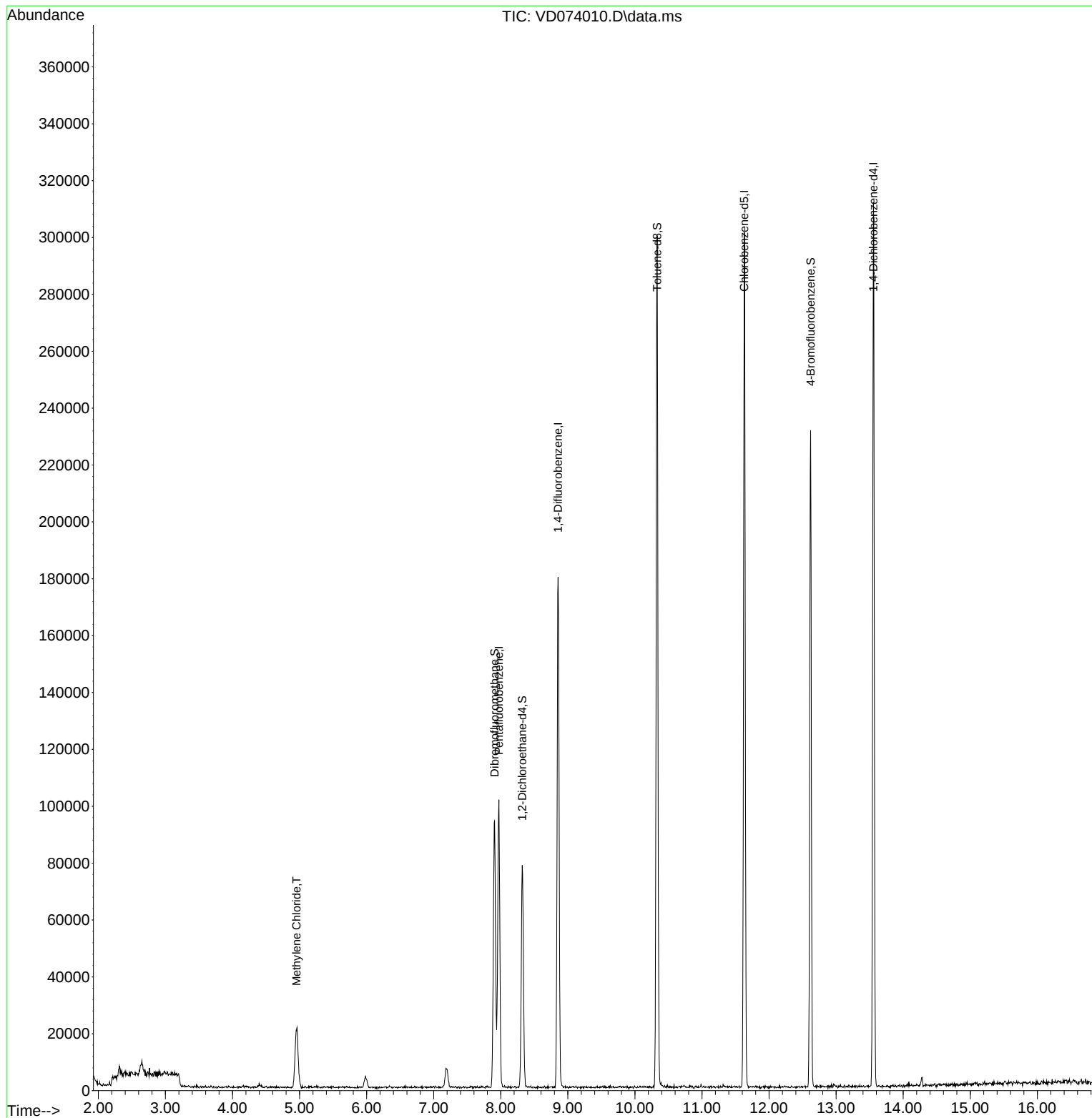
| Compound                    | R.T.   | QIon  | Response | Conc     | Units       | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------------|-----------|
| -----                       |        |       |          |          |             |           |
| Internal Standards          |        |       |          |          |             |           |
| 1) Pentafluorobenzene       | 7.973  | 168   | 69176    | 50.000   | ug/l        | 0.00      |
| 34) 1,4-Difluorobenzene     | 8.855  | 114   | 153222   | 50.000   | ug/l        | 0.00      |
| 63) Chlorobenzene-d5        | 11.632 | 117   | 170169   | 50.000   | ug/l        | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 13.555 | 152   | 79208    | 50.000   | ug/l        | 0.00      |
| System Monitoring Compounds |        |       |          |          |             |           |
| 33) 1,2-Dichloroethane-d4   | 8.320  | 65    | 61743    | 100.673  | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 50 - 163 | Recovery | = 201.340%# |           |
| 35) Dibromofluoromethane    | 7.908  | 113   | 64636    | 69.056   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 54 - 147 | Recovery | = 138.120%  |           |
| 50) Toluene-d8              | 10.332 | 98    | 203436   | 73.577   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 49 - 140 | Recovery | = 147.160%# |           |
| 62) 4-Bromofluorobenzene    | 12.620 | 95    | 73489    | 61.844   | ug/l        | 0.00      |
| Spiked Amount               | 50.000 | Range | 25 - 144 | Recovery | = 123.680%  |           |
| Target Compounds            |        |       |          |          |             |           |
| 20) Methylene Chloride      | 4.956  | 84    | 16418    | 15.035   | ug/l        | Qvalue 96 |
| -----                       |        |       |          |          |             |           |

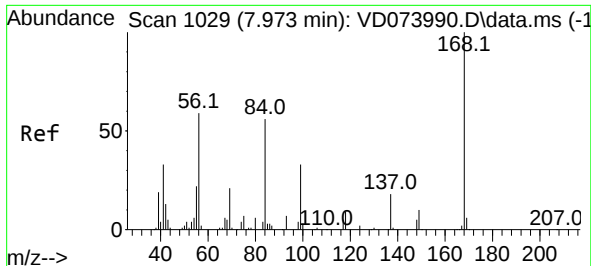
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BEACONPOINT-BACKFILL-07

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D080922S.M  
Quant Title : SW846 8260  
QLast Update : Wed Aug 10 01:05:43 2022  
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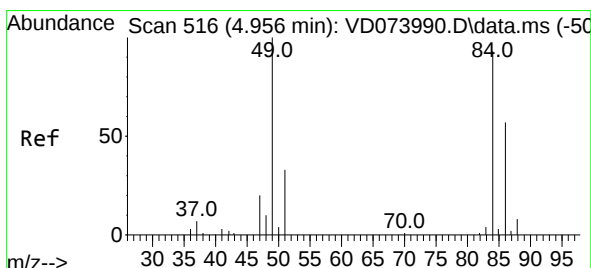
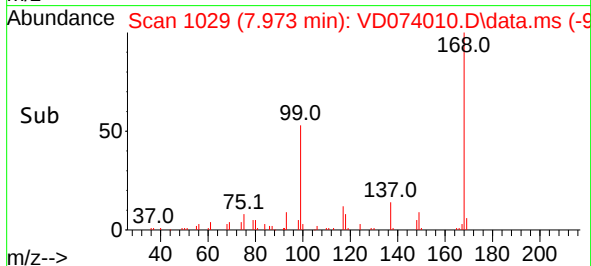
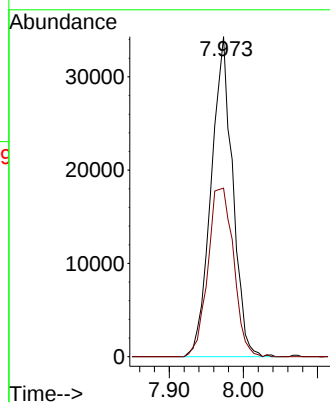
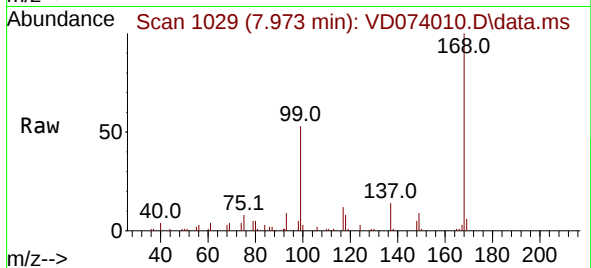




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.973 min Scan# 1029  
Delta R.T. 0.000 min  
Lab File: VD074010.D  
Acq: 10 Aug 2022 02:24

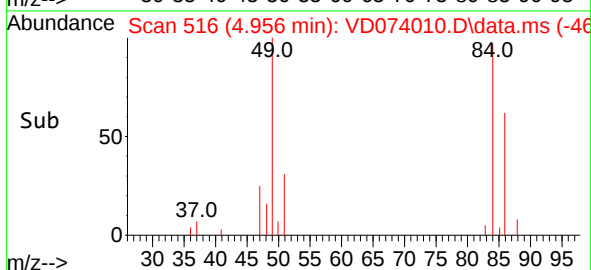
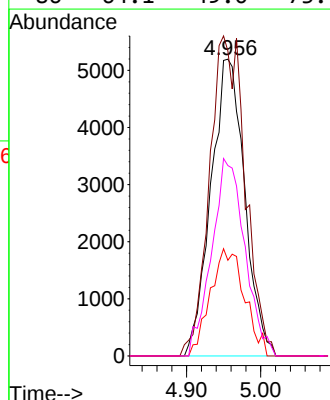
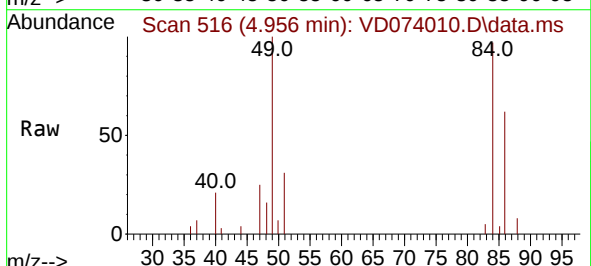
Instrument :  
MSVOA\_D  
ClientSampleId :  
BEACONPOINT-BACKFILL-07

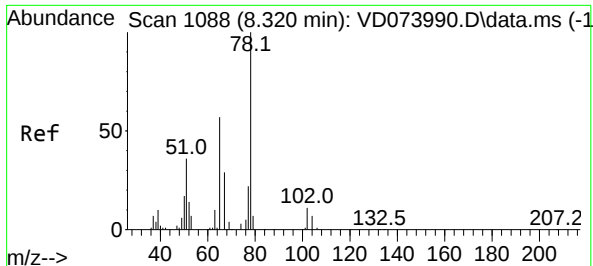
Tgt Ion:168 Resp: 69176  
Ion Ratio Lower Upper  
168 100  
99 52.6 48.3 72.5



#20  
Methylene Chloride  
Concen: 15.035 ug/l  
RT: 4.956 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VD074010.D  
Acq: 10 Aug 2022 02:24

Tgt Ion: 84 Resp: 16418  
Ion Ratio Lower Upper  
84 100  
49 102.8 85.8 128.6  
51 32.2 28.0 42.0  
86 64.1 49.0 73.4





#33

1,2-Dichloroethane-d4

Concen: 100.673 ug/l

RT: 8.320 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

Instrument :

MSVOA\_D

ClientSampleId :

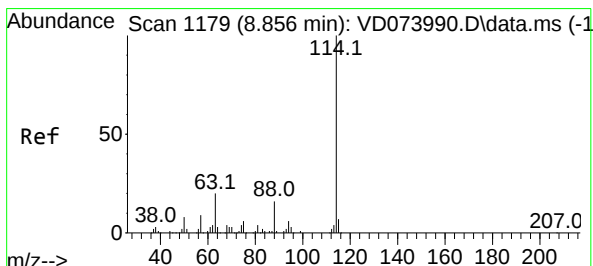
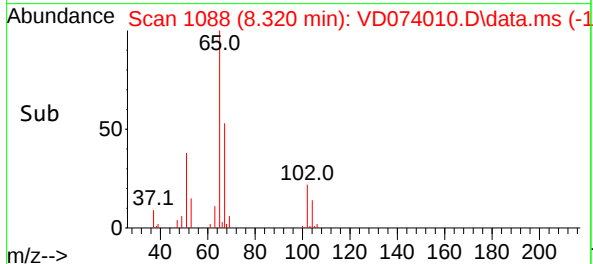
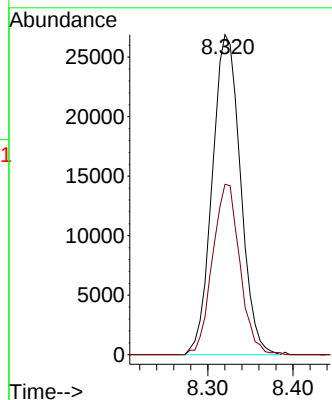
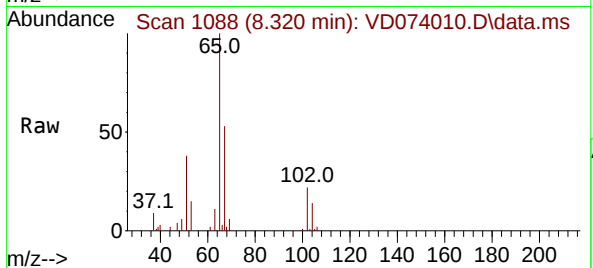
BEACONPOINT-BACKFILL-07

Tgt Ion: 65 Resp: 61743

Ion Ratio Lower Upper

65 100

67 51.8 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.001 min

Lab File: VD074010.D

Acq: 10 Aug 2022 02:24

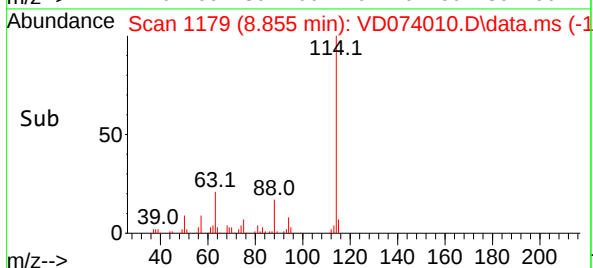
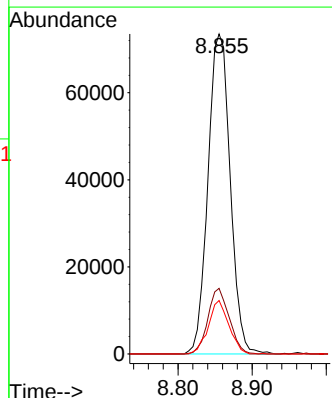
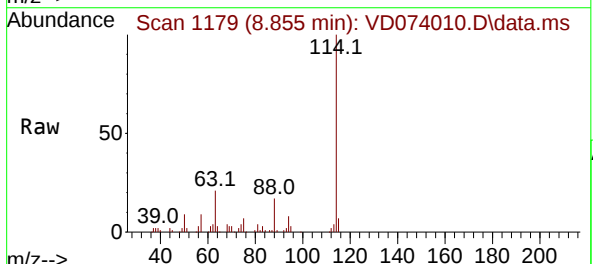
Tgt Ion: 114 Resp: 153222

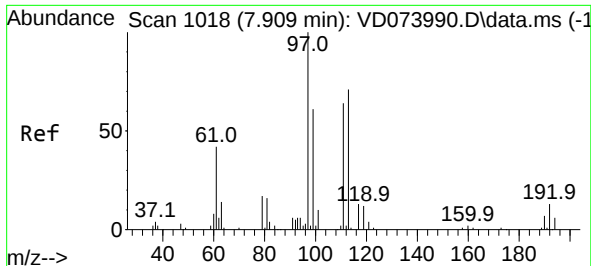
Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 69.056 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD074010.D

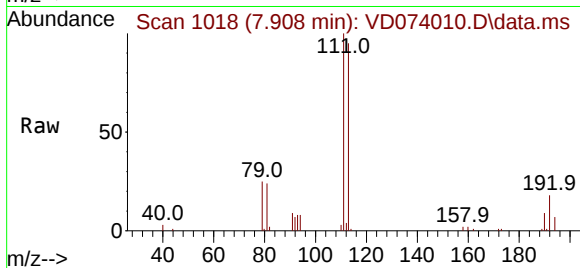
Acq: 10 Aug 2022 02:24

Instrument :

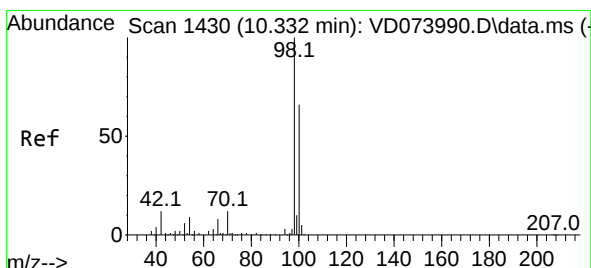
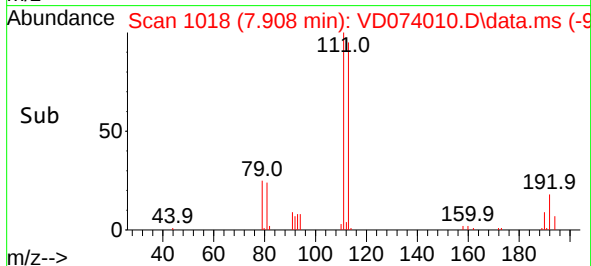
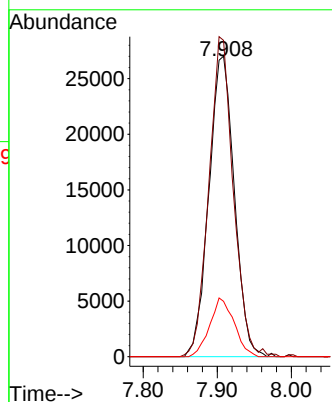
MSVOA\_D

ClientSampleId :

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 64636 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.9 | 80.0  | 120.0 |
| 192      | 18.7  | 14.2  | 21.4  |



#50

Toluene-d8

Concen: 73.577 ug/l

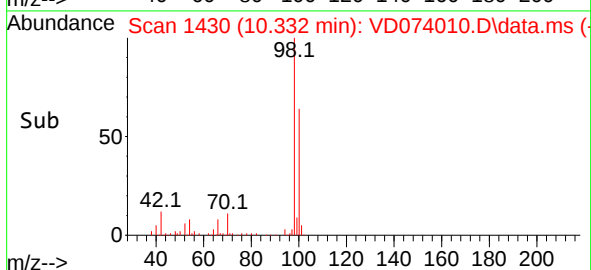
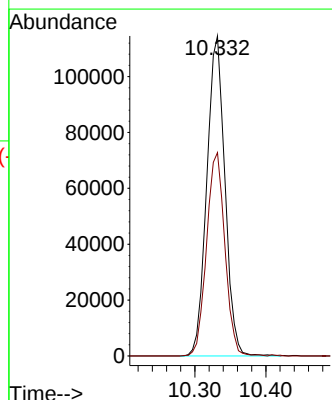
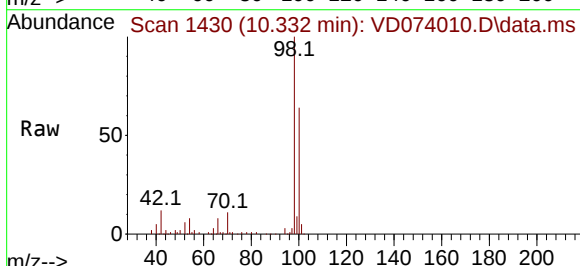
RT: 10.332 min Scan# 1430

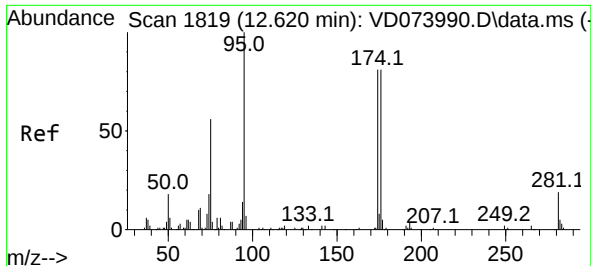
Delta R.T. -0.000 min

Lab File: VD074010.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 203436 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.2  | 51.3  | 76.9   |

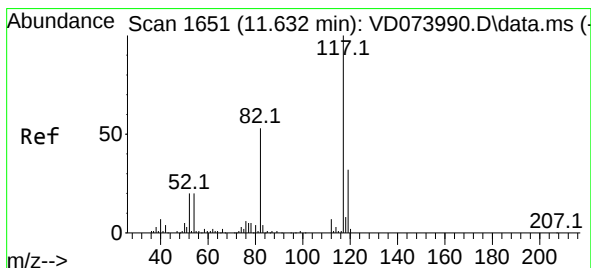
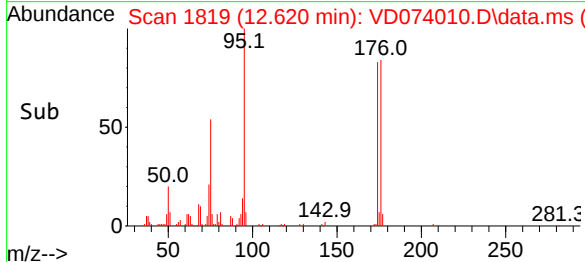
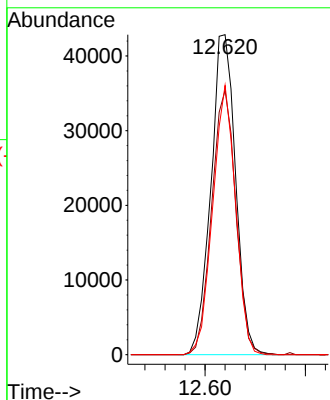
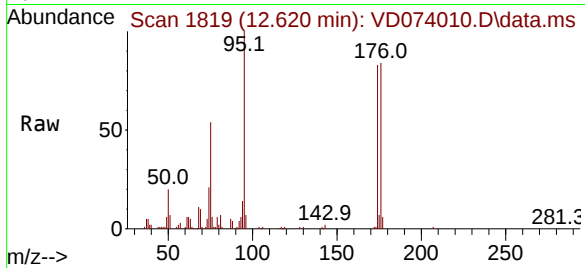




#62  
4-Bromofluorobenzene  
Concen: 61.844 ug/l  
RT: 12.620 min Scan# 1819  
Delta R.T. -0.000 min  
Lab File: VD074010.D  
Acq: 10 Aug 2022 02:24

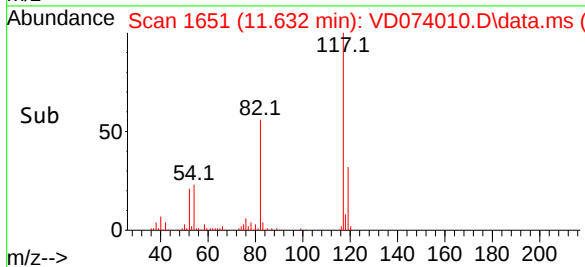
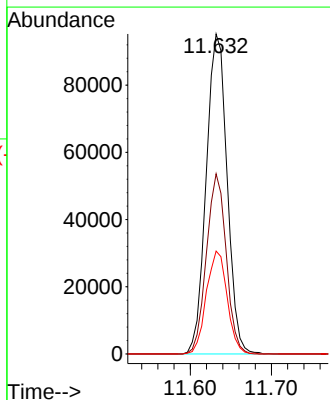
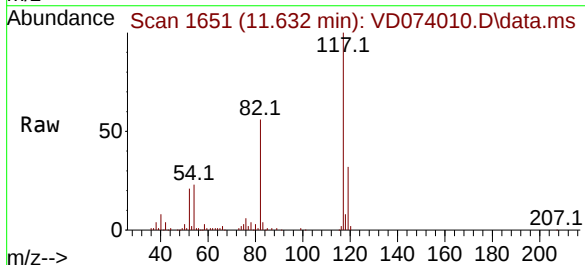
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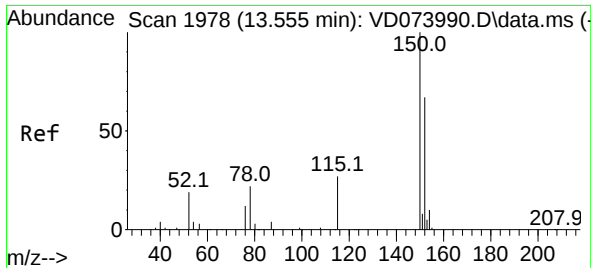
Tgt Ion: 95 Resp: 73489  
Ion Ratio Lower Upper  
95 100  
174 80.6 0.0 162.6  
176 77.7 0.0 160.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.632 min Scan# 1651  
Delta R.T. -0.000 min  
Lab File: VD074010.D  
Acq: 10 Aug 2022 02:24

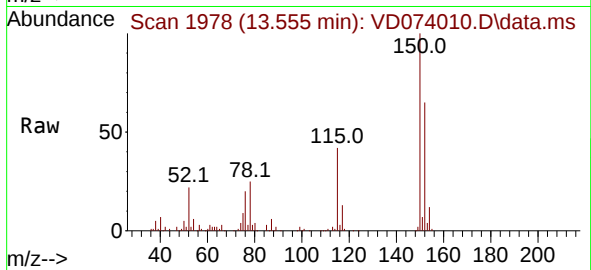
Tgt Ion: 117 Resp: 170169  
Ion Ratio Lower Upper  
117 100  
82 56.3 42.7 64.1  
119 32.2 25.8 38.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.555 min Scan# 1978  
 Delta R.T. -0.000 min  
 Lab File: VD074010.D  
 Acq: 10 Aug 2022 02:24

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
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Tgt Ion:152 Resp: 79208  
 Ion Ratio Lower Upper  
 152 100  
 115 61.9 29.9 89.8  
 150 158.1 0.0 342.8

