

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD090424\  
 Data File : VD079777.D  
 Acq On : 04 Sep 2024 16:52  
 Operator : RP/MD  
 Sample : P3819-01  
 Misc : 5.04G/5.0ml/MSVOA\_D/SOIL/A  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 OCB-CONCRETE

Quant Time: Sep 05 02:19:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D083024S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 30 15:57:30 2024  
 Response via : Initial Calibration

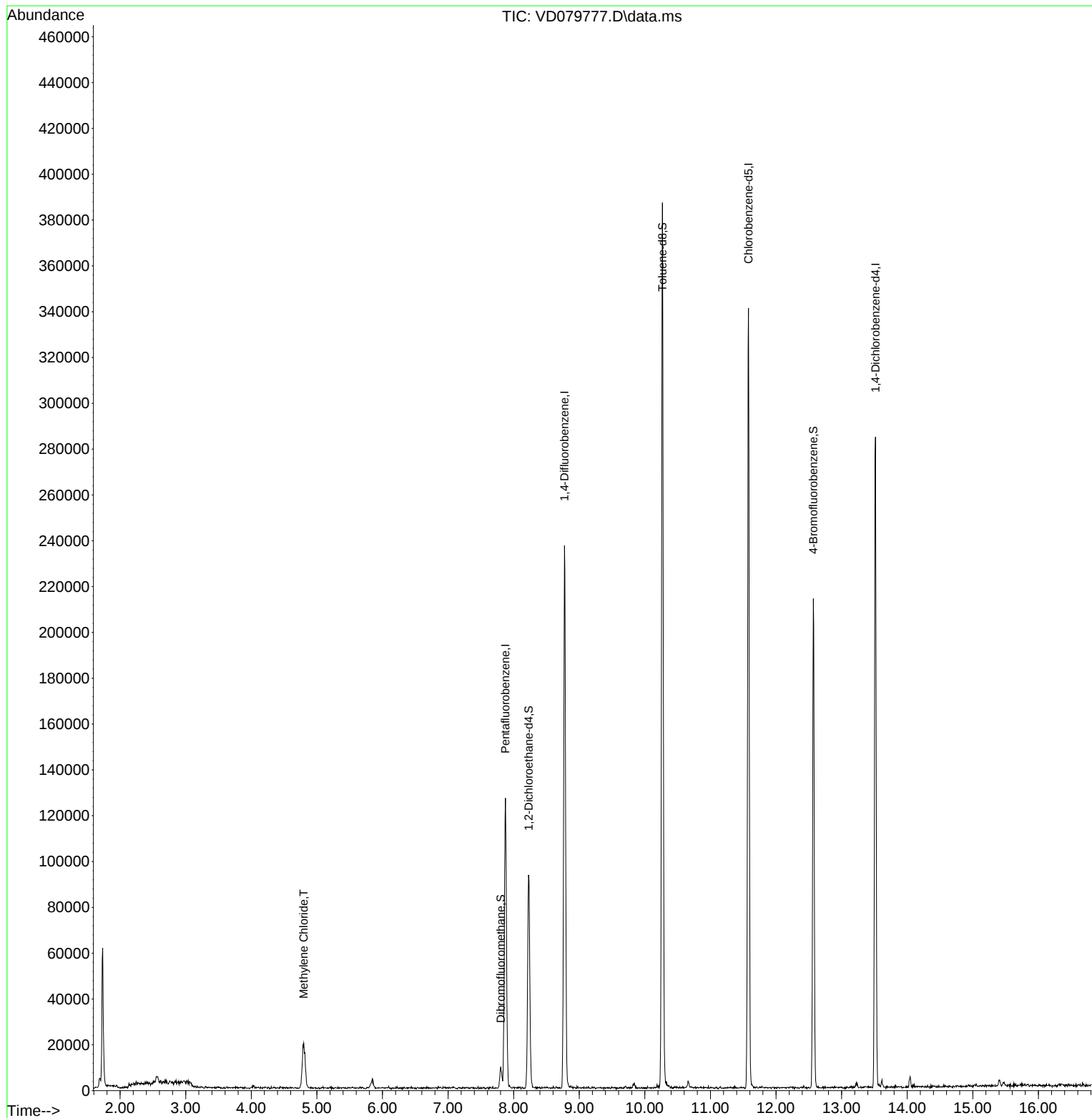
| Compound                    | R.T. QIon |       | Response | Conc     | Units | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|-------|----------|
| -----                       |           |       |          |          |       |          |
| Internal Standards          |           |       |          |          |       |          |
| 1) Pentafluorobenzene       | 7.875     | 168   | 87886    | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene     | 8.775     | 114   | 200543   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 11.581    | 117   | 186911   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 13.516    | 152   | 74298    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |           |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 8.228     | 65    | 72853    | 60.796   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 50 - 163 | Recovery | =     | 121.600% |
| 35) Dibromofluoromethane    | 7.804     | 113   | 6672     | 5.118    | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 54 - 147 | Recovery | =     | 10.240%# |
| 50) Toluene-d8              | 10.269    | 98    | 268609   | 48.047   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 134 | Recovery | =     | 96.100%  |
| 62) 4-Bromofluorobenzene    | 12.569    | 95    | 65603    | 41.939   | ug/l  | 0.00     |
| Spiked Amount               | 50.000    | Range | 29 - 146 | Recovery | =     | 83.880%  |
| Target Compounds            |           |       |          |          |       |          |
|                             |           |       |          |          |       | Qvalue   |
| 20) Methylene Chloride      | 4.799     | 84    | 15413    | 8.139    | ug/l  | # 82     |
| -----                       |           |       |          |          |       |          |

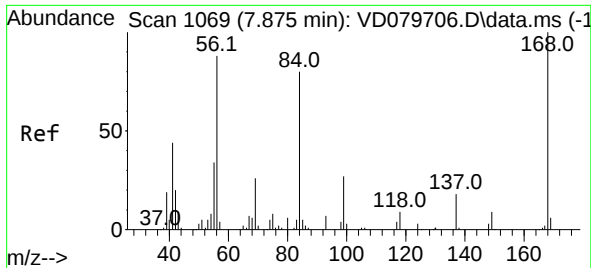
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
MSVOA\_D  
ClientSampleId :  
OCB-CONCRETE

Quant Time: Sep 05 02:19:11 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D083024S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 30 15:57:30 2024  
Response via : Initial Calibration

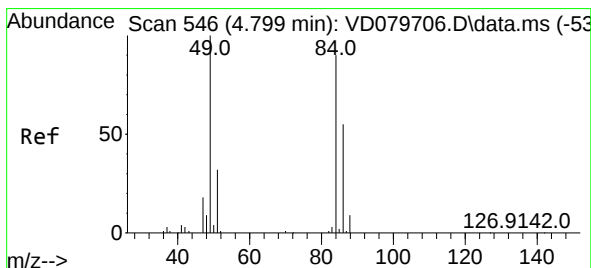
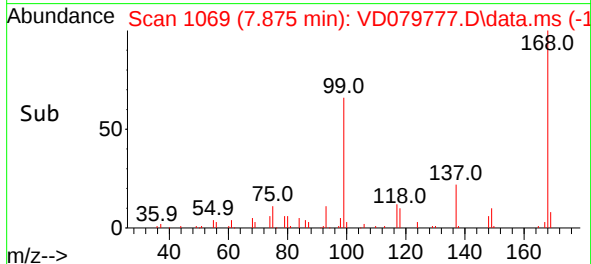
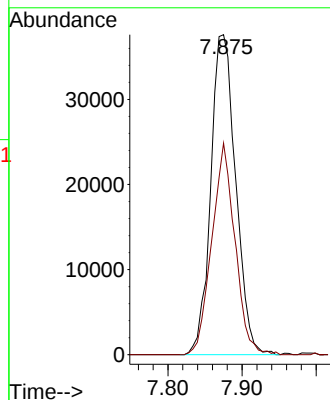
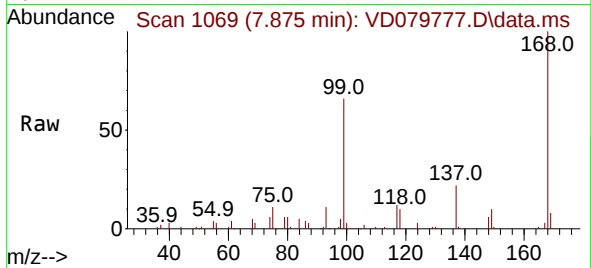




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.875 min Scan# 1069  
Delta R.T. -0.000 min  
Lab File: VD079777.D  
Acq: 04 Sep 2024 16:52

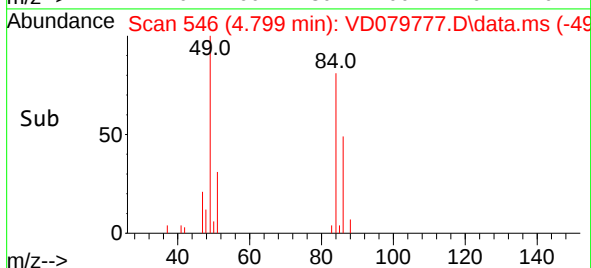
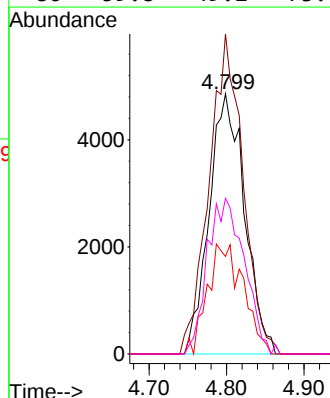
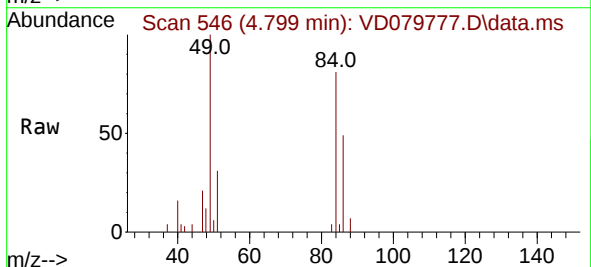
Instrument :  
MSVOA\_D  
ClientSampleId :  
OCB-CONCRETE

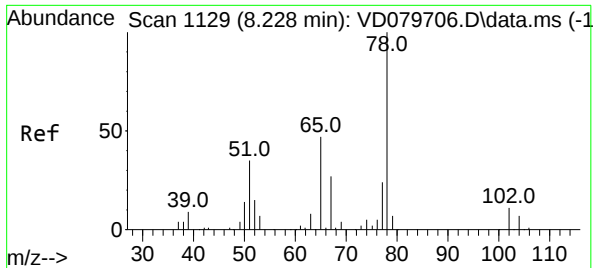
Tgt Ion:168 Resp: 87886  
Ion Ratio Lower Upper  
168 100  
99 66.1 41.1 61.7#



#20  
Methylene Chloride  
Concen: 8.139 ug/l  
RT: 4.799 min Scan# 546  
Delta R.T. -0.000 min  
Lab File: VD079777.D  
Acq: 04 Sep 2024 16:52

Tgt Ion: 84 Resp: 15413  
Ion Ratio Lower Upper  
84 100  
49 123.0 75.6 113.4#  
51 37.5 24.2 36.2#  
86 59.8 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 60.796 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

Instrument :

MSVOA\_D

ClientSampleId :

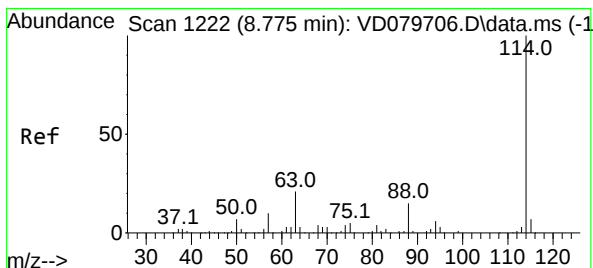
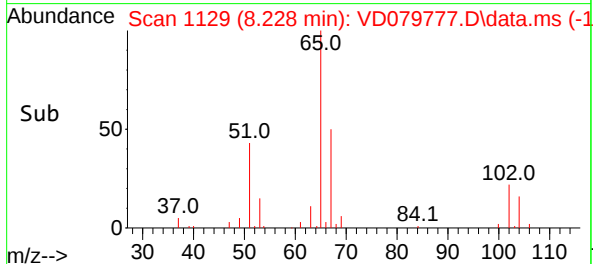
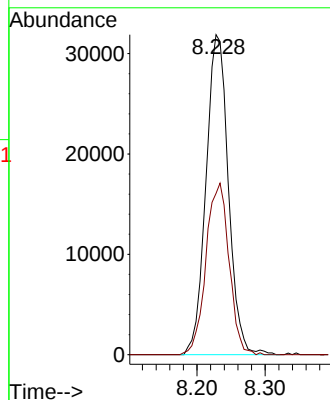
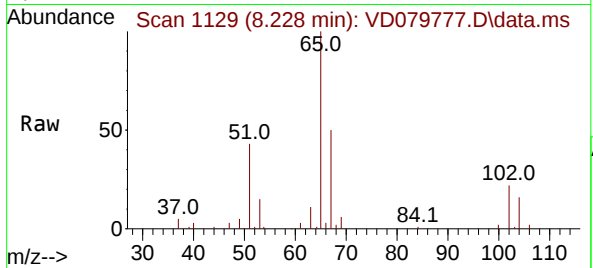
OCB-CONCRETE

Tgt Ion: 65 Resp: 72853

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079777.D

Acq: 04 Sep 2024 16:52

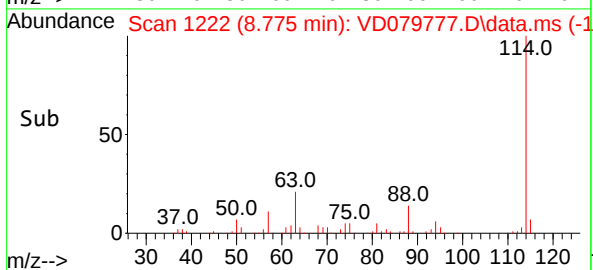
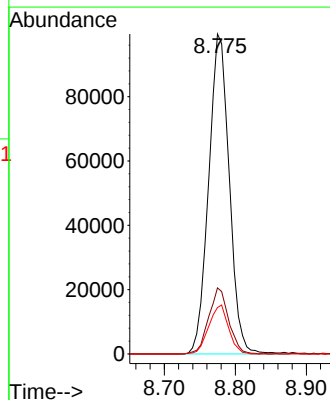
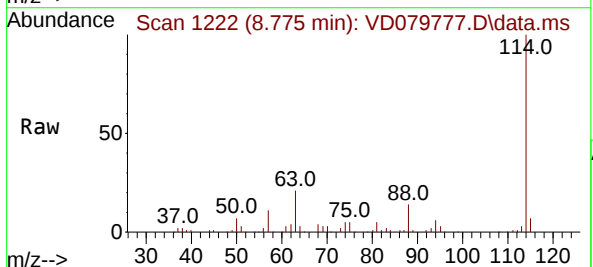
Tgt Ion: 114 Resp: 200543

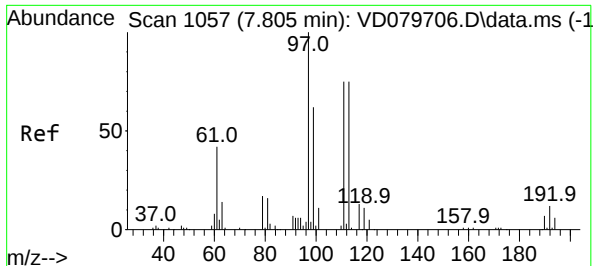
Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 14.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 5.118 ug/l

RT: 7.804 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD079777.D

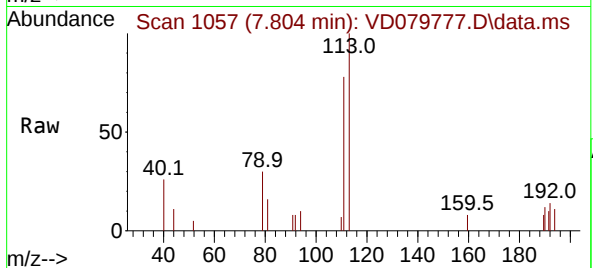
Acq: 04 Sep 2024 16:52

Instrument :

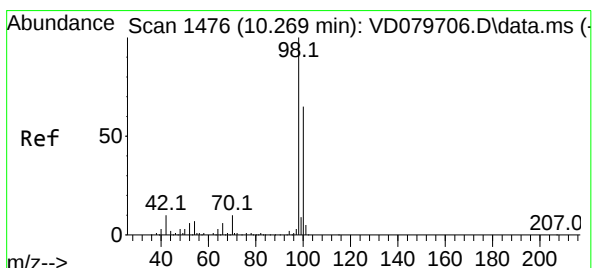
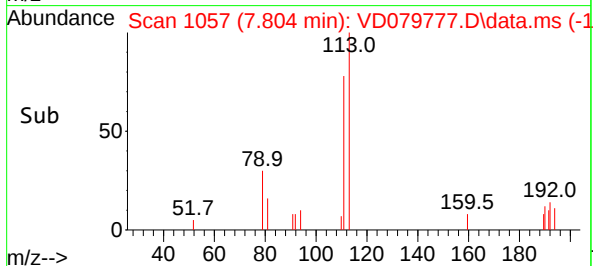
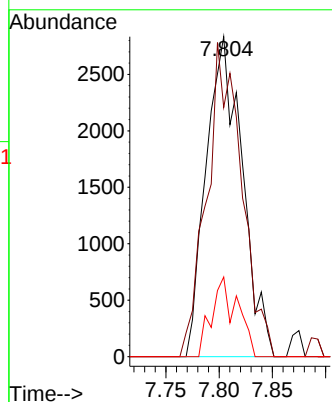
MSVOA\_D

ClientSampleId :

OCB-CONCRETE



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 6672  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 94.3  | 84.0  | 126.0 |
| 192      | 17.8  | 15.4  | 23.0  |



#50

Toluene-d8

Concen: 48.047 ug/l

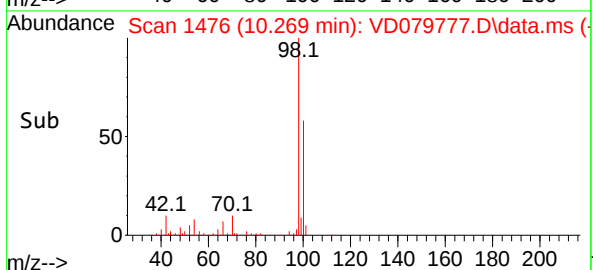
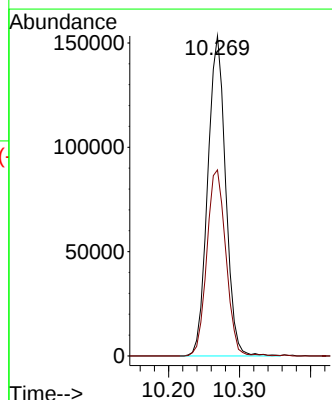
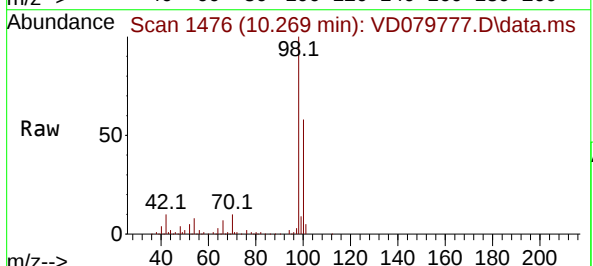
RT: 10.269 min Scan# 1476

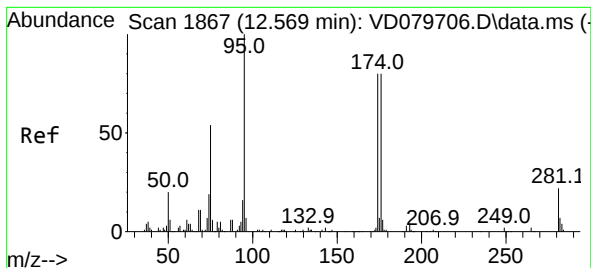
Delta R.T. -0.000 min

Lab File: VD079777.D

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 268609 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 61.5  | 51.6  | 77.4   |

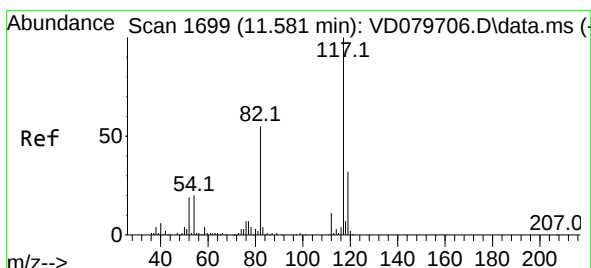
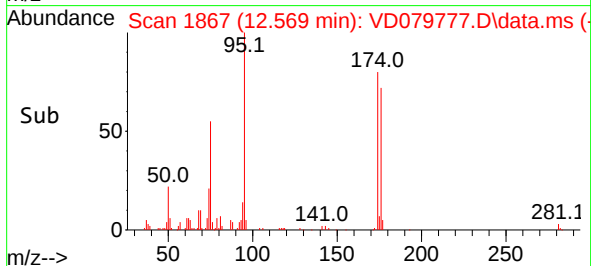
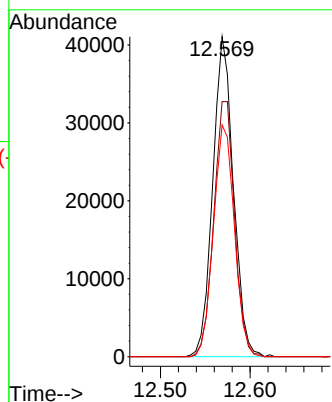
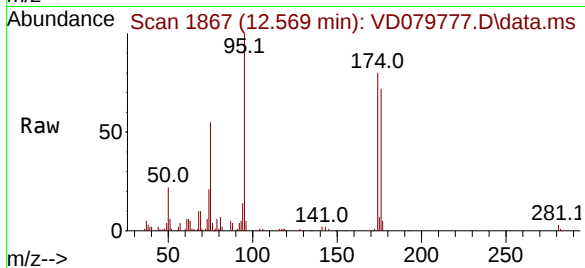




#62  
4-Bromofluorobenzene  
Concen: 41.939 ug/l  
RT: 12.569 min Scan# 1867  
Delta R.T. -0.000 min  
Lab File: VD079777.D  
Acq: 04 Sep 2024 16:52

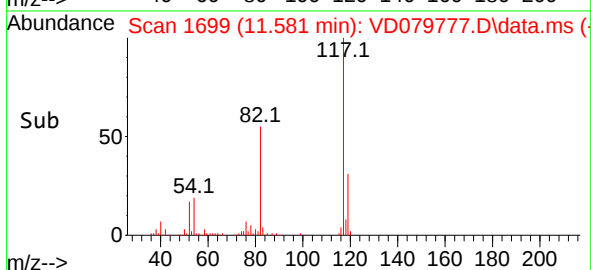
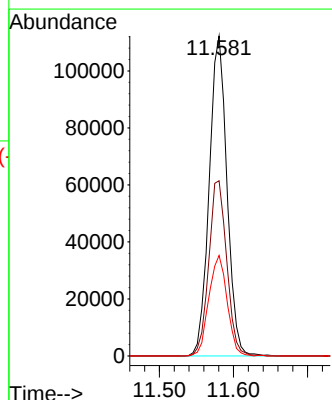
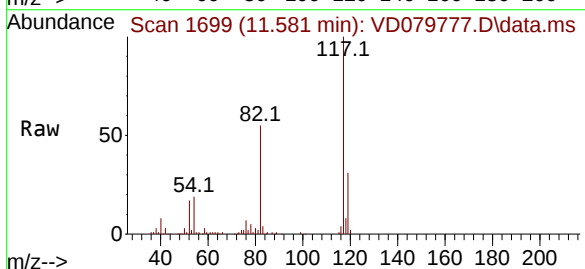
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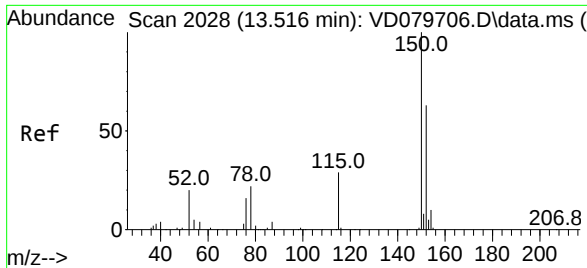
Tgt Ion: 95 Resp: 65603  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 195.4  
176 73.6 0.0 192.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.581 min Scan# 1699  
Delta R.T. -0.000 min  
Lab File: VD079777.D  
Acq: 04 Sep 2024 16:52

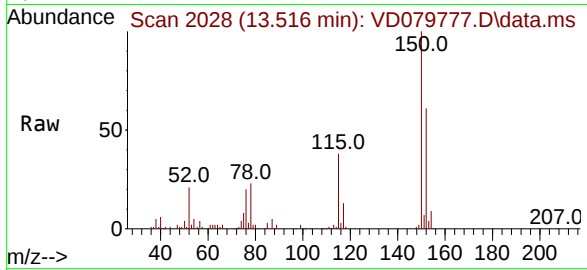
Tgt Ion: 117 Resp: 186911  
Ion Ratio Lower Upper  
117 100  
82 54.7 39.8 59.6  
119 31.4 25.7 38.5





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.516 min Scan# 20  
Delta R.T. -0.000 min  
Lab File: VD079777.D  
Acq: 04 Sep 2024 16:52

Instrument :  
MSVOA\_D  
ClientSampleId :  
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| Tgt Ion:  | 152   | Resp: | 74298 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 58.9  | 26.5  | 79.5  |
| 150       | 159.0 | 0.0   | 341.6 |

