

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079460.D
 Acq On : 30 Jul 2024 15:53
 Operator : RP/MD
 Sample : P3341-01RE
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-072324RE

Quant Time: Jul 31 02:51:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

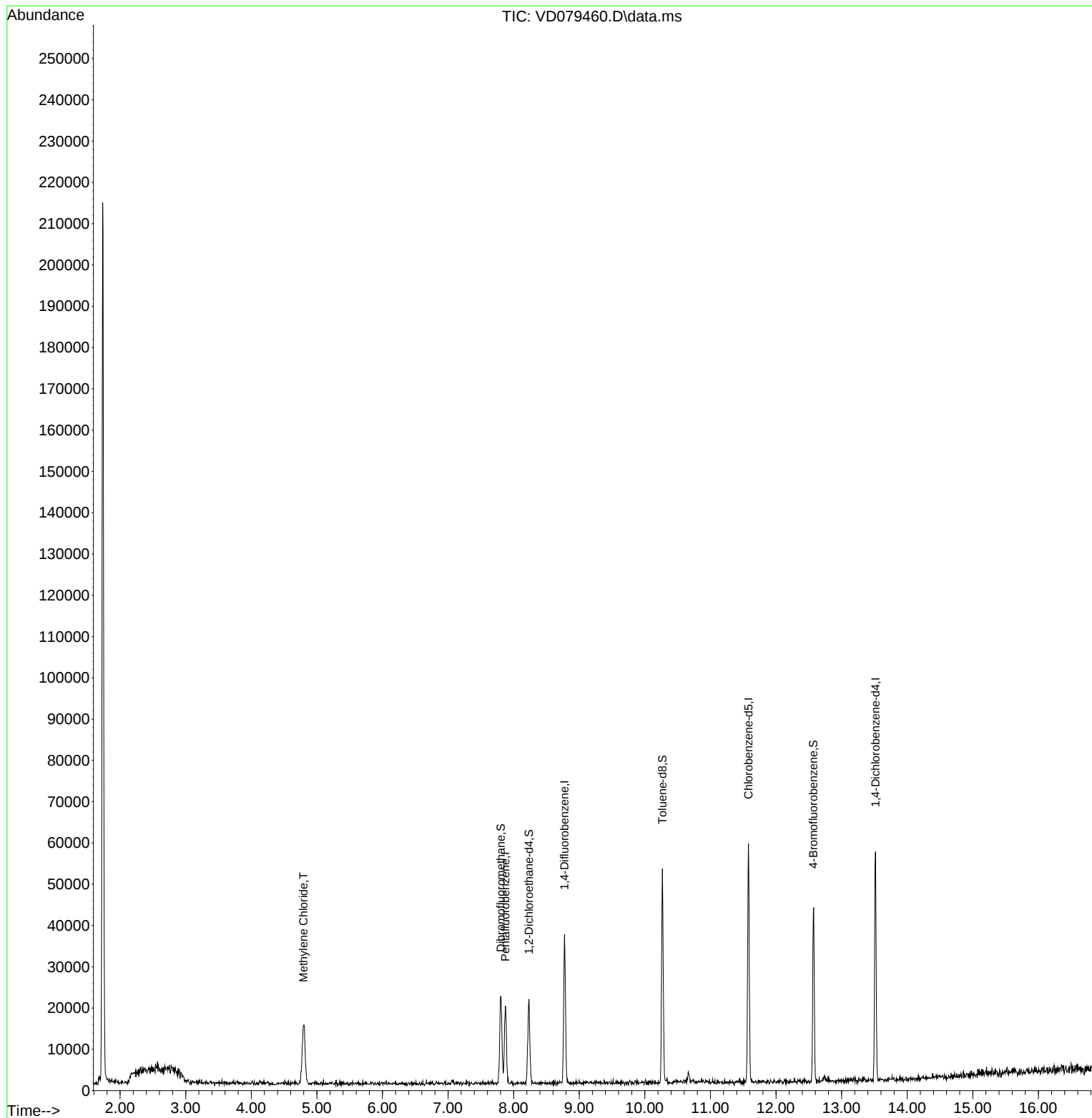
Internal Standards						
1) Pentafluorobenzene	7.875	168	15749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	31795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	34634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	15205	95.034	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.060%#	
35) Dibromofluoromethane	7.804	113	15654	72.741	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 145.480%	
50) Toluene-d8	10.269	98	35694	42.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.420%	
62) 4-Bromofluorobenzene	12.569	95	12690	52.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.940%	
Target Compounds						
20) Methylene Chloride	4.793	84	12131	53.682	ug/l	Qvalue 89

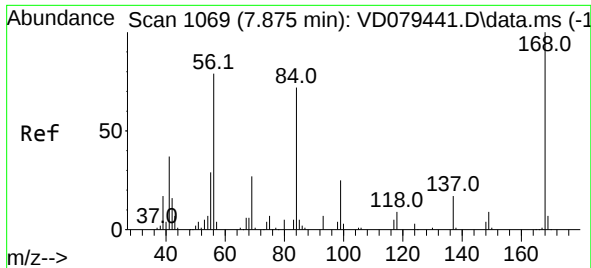
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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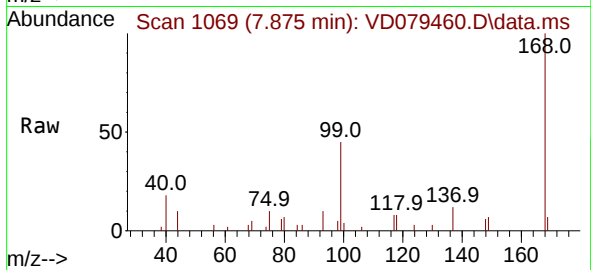
Quant Time: Jul 31 02:51:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:50:47 2024
Response via : Initial Calibration



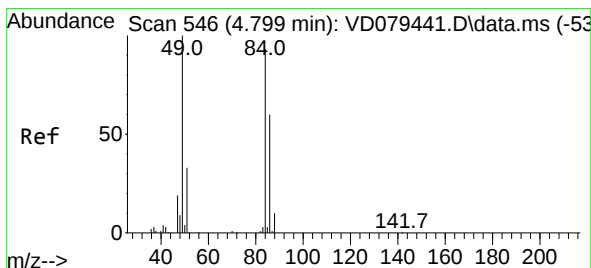
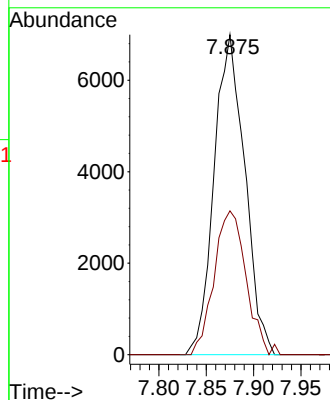
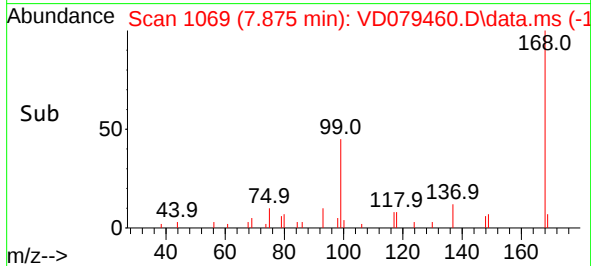


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Instrument :
MSVOA_D
ClientSampleId :
AU-05-072324RE

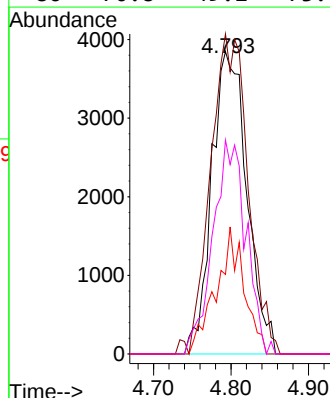
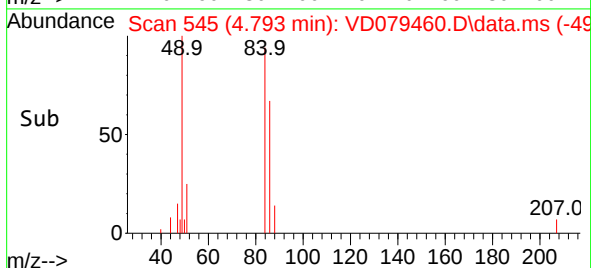
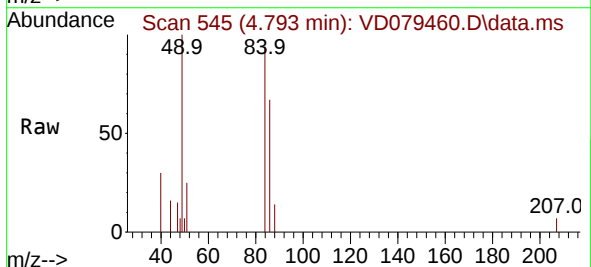


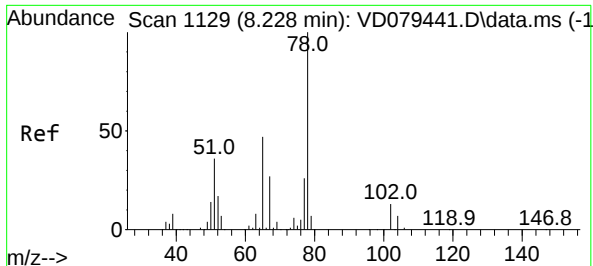
Tgt Ion:168 Resp: 15749
Ion Ratio Lower Upper
168 100
99 44.9 41.1 61.7



#20
Methylene Chloride
Concen: 53.682 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

Tgt Ion: 84 Resp: 12131
Ion Ratio Lower Upper
84 100
49 105.8 75.6 113.4
51 26.3 24.2 36.2
86 70.8 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 95.034 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079460.D

Acq: 30 Jul 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

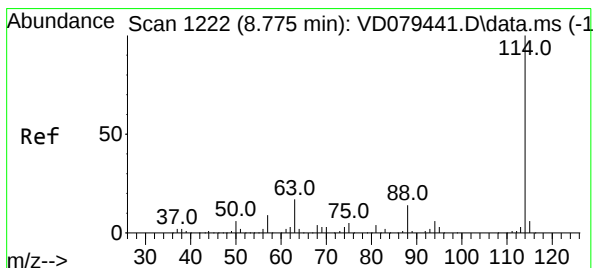
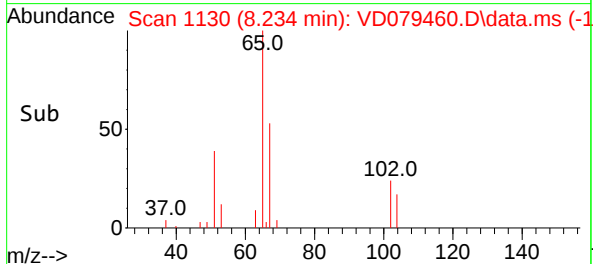
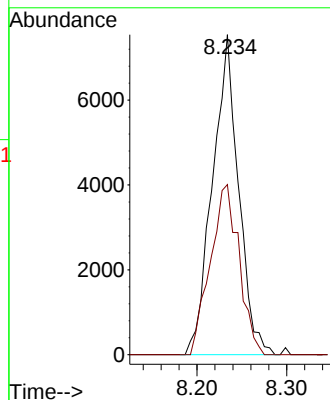
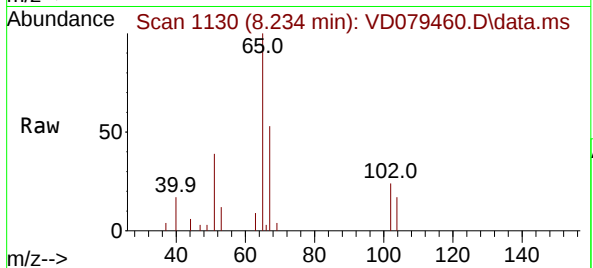
AU-05-072324RE

Tgt Ion: 65 Resp: 15205

Ion Ratio Lower Upper

65 100

67 58.6 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: VD079460.D

Acq: 30 Jul 2024 15:53

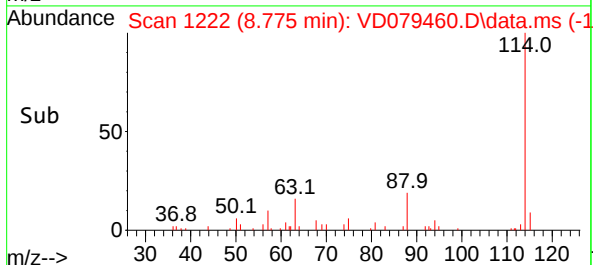
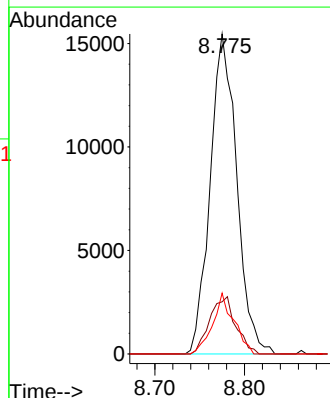
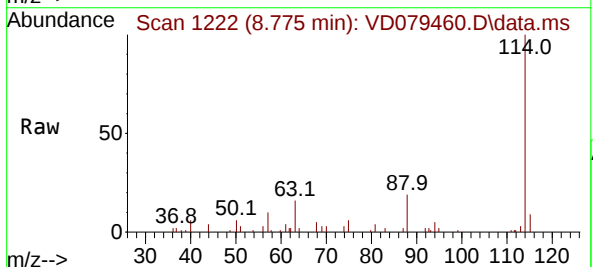
Tgt Ion: 114 Resp: 31795

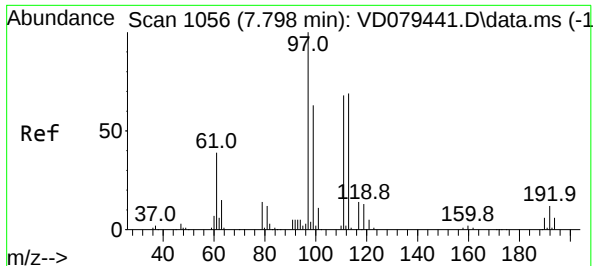
Ion Ratio Lower Upper

114 100

63 16.3 0.0 34.0

88 19.0 0.0 27.2





#35

Dibromofluoromethane

Concen: 72.741 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079460.D

Acq: 30 Jul 2024 15:53

Instrument :

MSVOA_D

ClientSampleId :

AU-05-072324RE

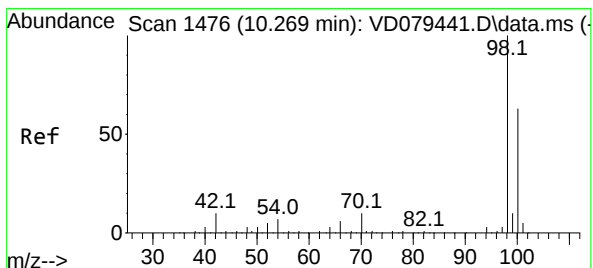
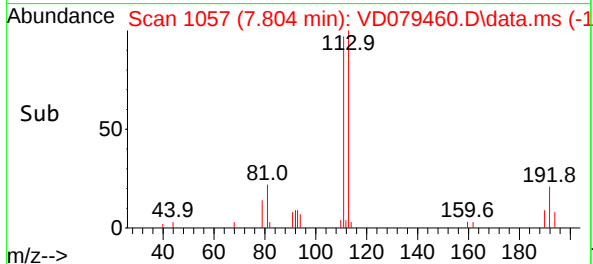
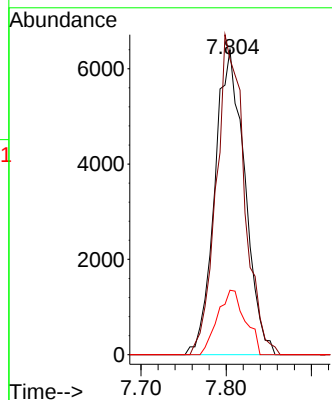
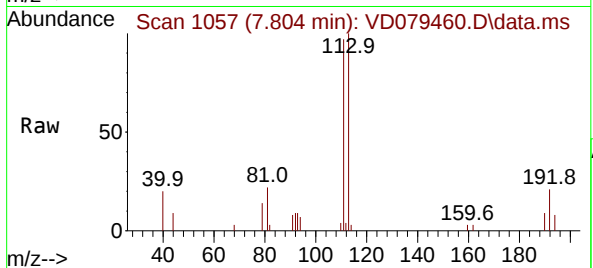
Tgt Ion:113 Resp: 15654

Ion Ratio Lower Upper

113 100

111 98.0 84.0 126.0

192 19.5 15.4 23.0



#50

Toluene-d8

Concen: 42.711 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.006 min

Lab File: VD079460.D

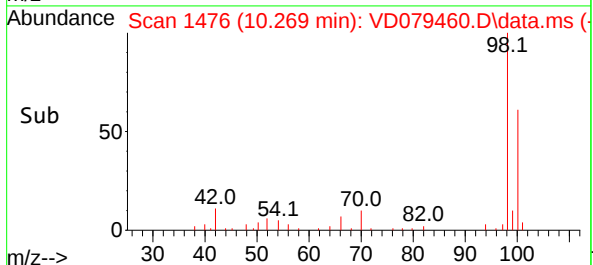
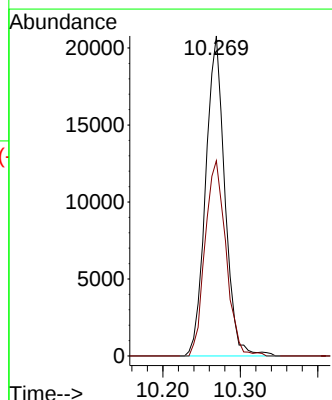
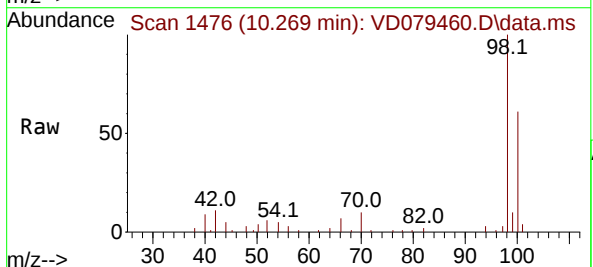
Acq: 30 Jul 2024 15:53

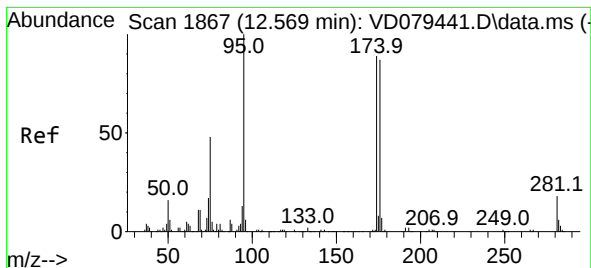
Tgt Ion: 98 Resp: 35694

Ion Ratio Lower Upper

98 100

100 66.6 51.6 77.4

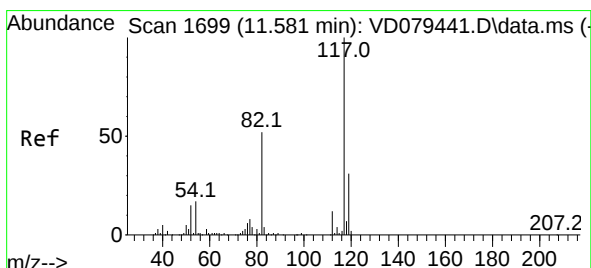
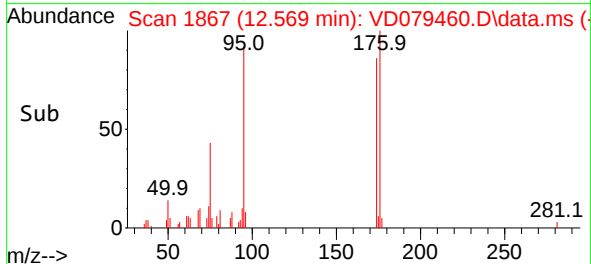
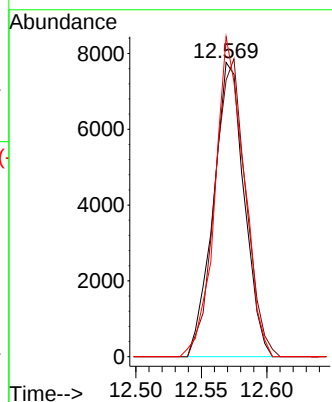
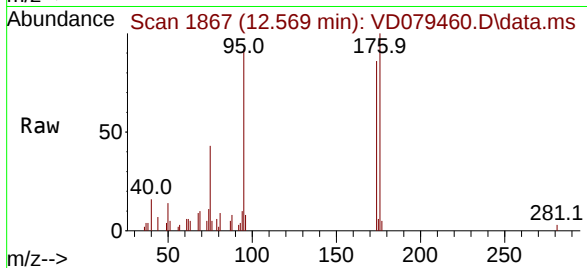




#62
4-Bromofluorobenzene
Concen: 52.473 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

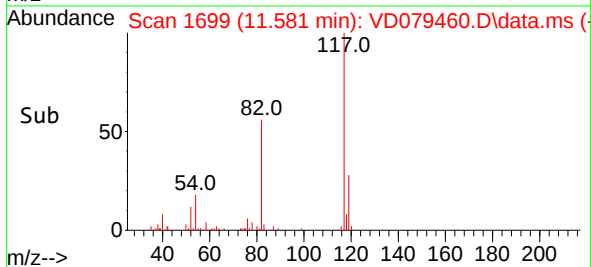
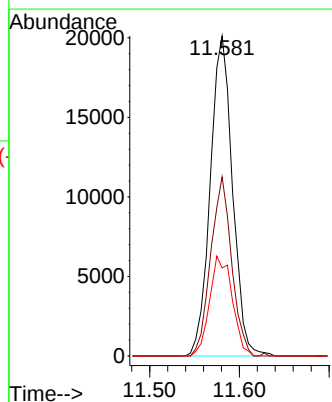
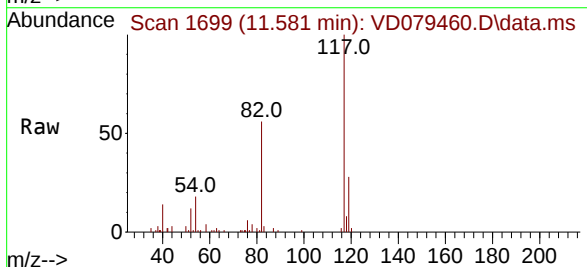
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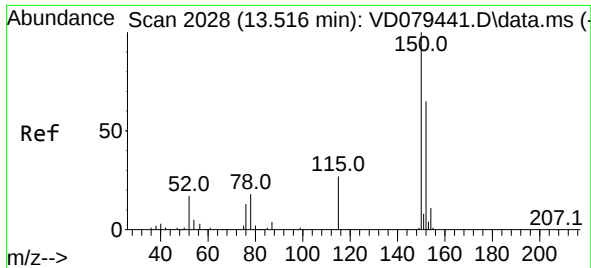
Tgt Ion: 95 Resp: 12690
Ion Ratio Lower Upper
95 100
174 102.0 0.0 195.4
176 102.2 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079460.D
Acq: 30 Jul 2024 15:53

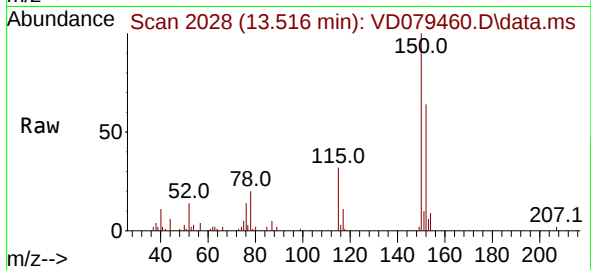
Tgt Ion: 117 Resp: 34634
Ion Ratio Lower Upper
117 100
82 55.9 39.8 59.6
119 27.5 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079460.D
 Acq: 30 Jul 2024 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 AU-05-072324RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.5	26.5	79.5
150	158.3	0.0	341.6

