

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079320.D
 Acq On : 02 Jul 2024 15:47
 Operator : RP/MD
 Sample : P3141-02
 Misc : 7.43G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-140-SB01

Quant Time: Jul 03 01:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	114647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60490	54.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.805	113	72178	44.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.120%	
50) Toluene-d8	10.269	98	207119	35.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.080%	
62) 4-Bromofluorobenzene	12.569	95	59412	31.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 63.580%	

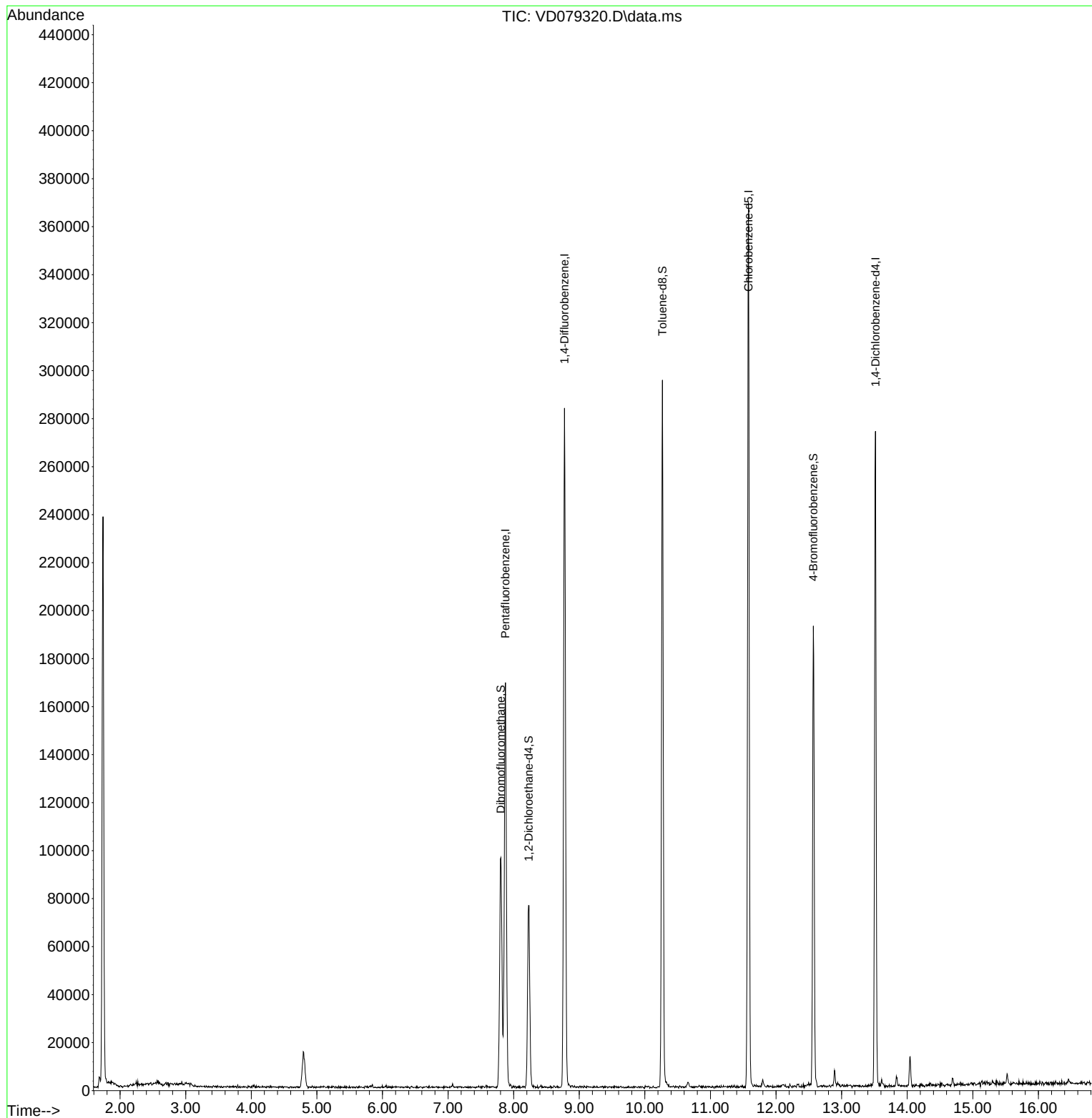
Target Compounds	Qvalue

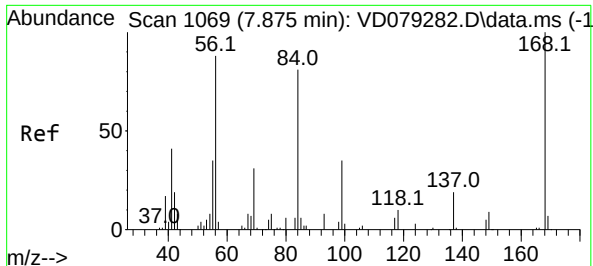
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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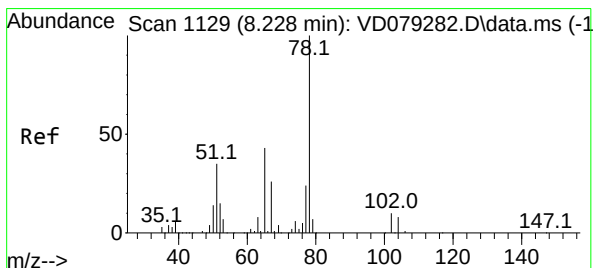
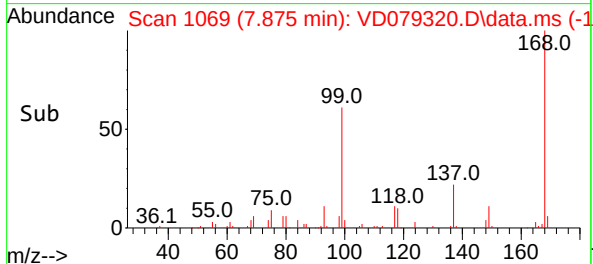
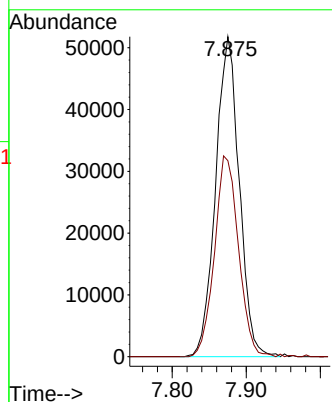
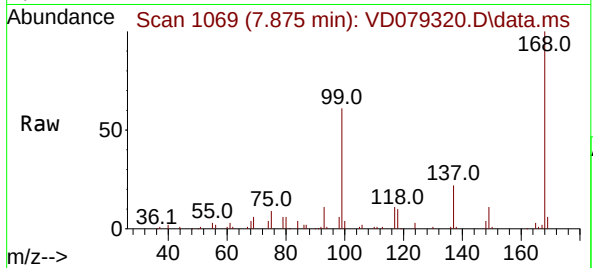




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

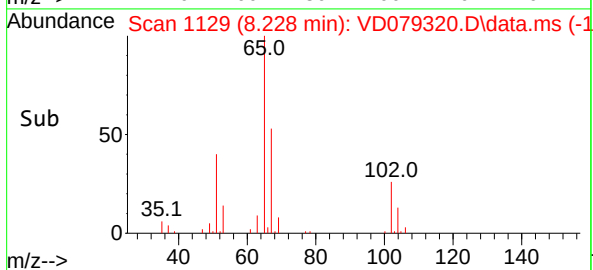
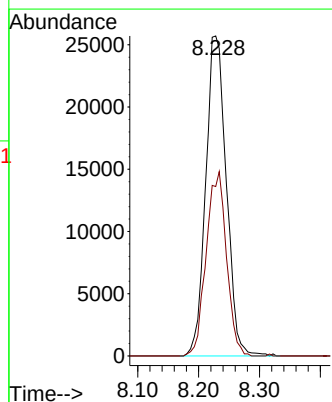
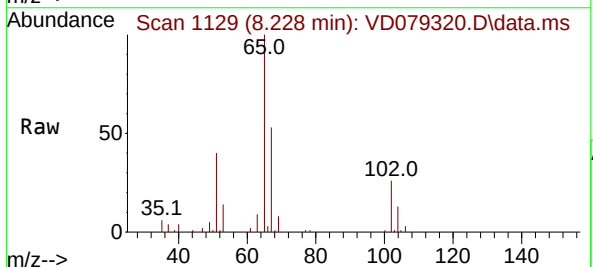
Instrument :
MSVOA_D
ClientSampleId :
B-140-SB01

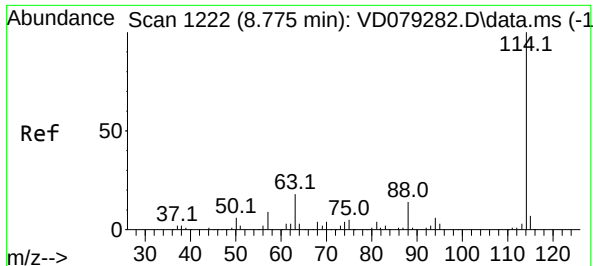
Tgt Ion:168 Resp: 114647
Ion Ratio Lower Upper
168 100
99 61.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 54.305 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion: 65 Resp: 60490
Ion Ratio Lower Upper
65 100
67 56.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079320.D

Acq: 02 Jul 2024 15:47

Instrument :

MSVOA_D

ClientSampleId :

B-140-SB01

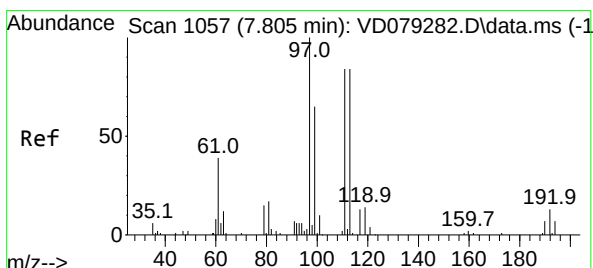
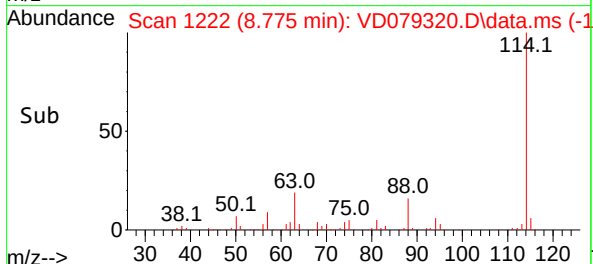
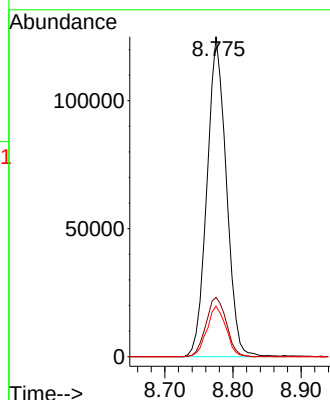
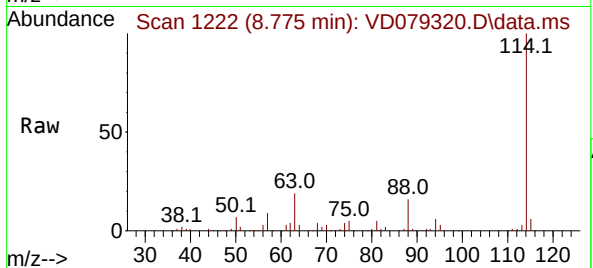
Tgt Ion:114 Resp: 246797

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.555 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079320.D

Acq: 02 Jul 2024 15:47

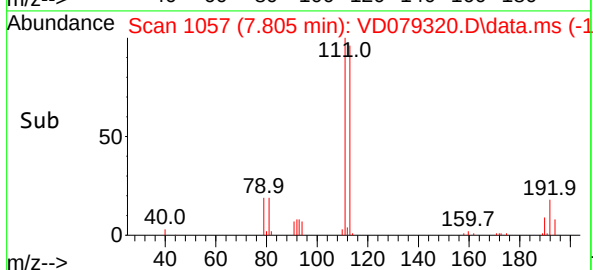
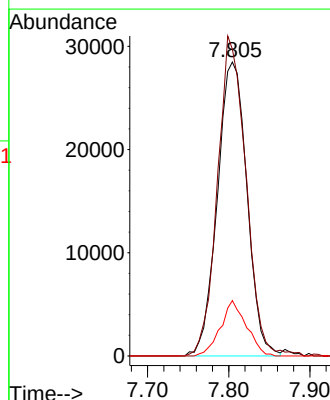
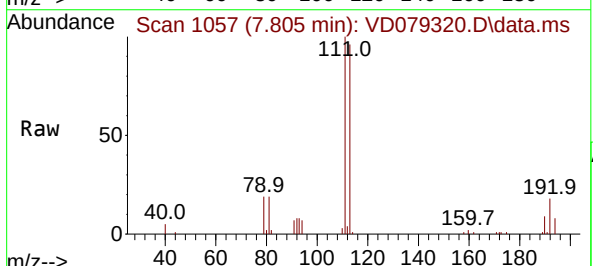
Tgt Ion:113 Resp: 72178

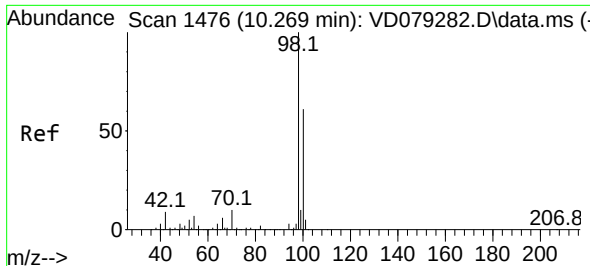
Ion Ratio Lower Upper

113 100

111 104.6 84.0 126.0

192 16.5 15.4 23.0

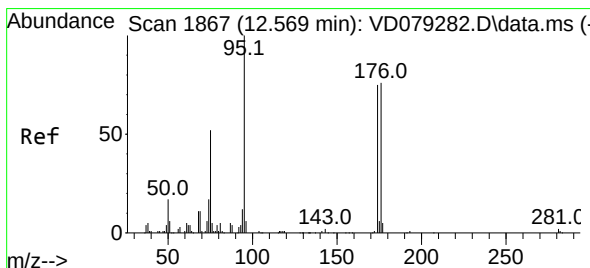
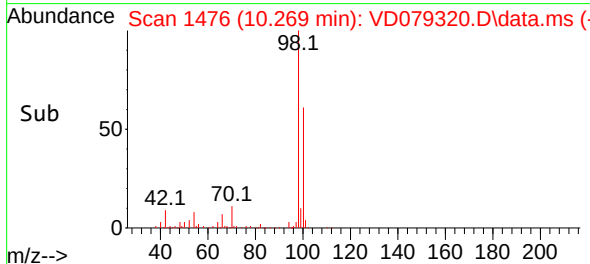
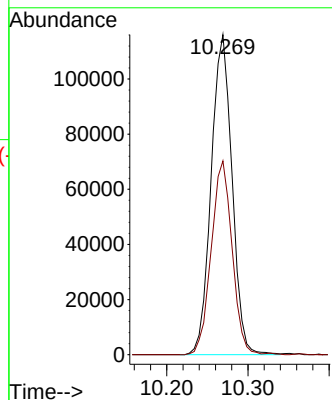
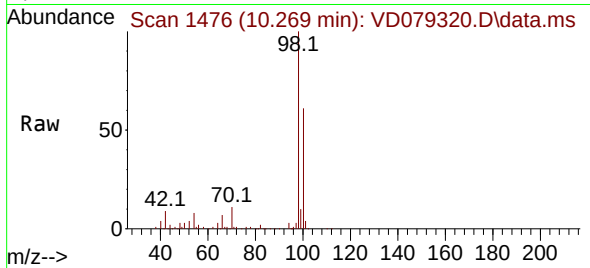




#50
Toluene-d8
Concen: 35.540 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

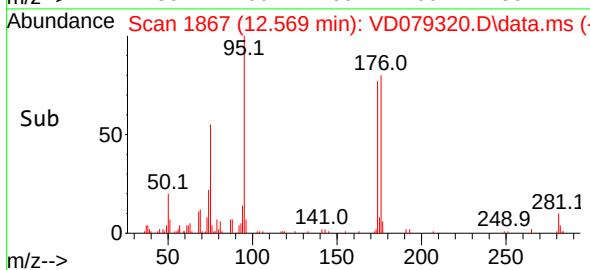
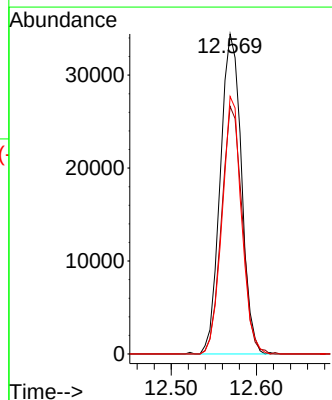
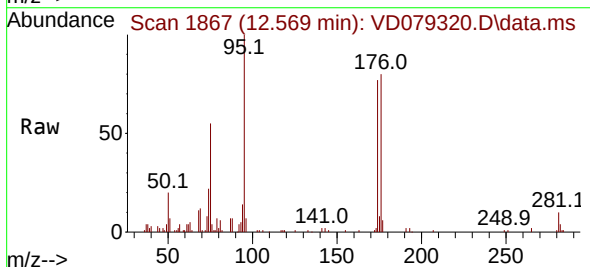
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B-140-SB01

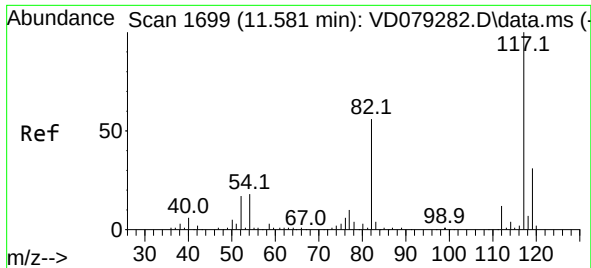
Tgt Ion: 98 Resp: 207119
Ion Ratio Lower Upper
98 100
100 60.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.792 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion: 95 Resp: 59412
Ion Ratio Lower Upper
95 100
174 75.6 0.0 195.4
176 74.1 0.0 192.6

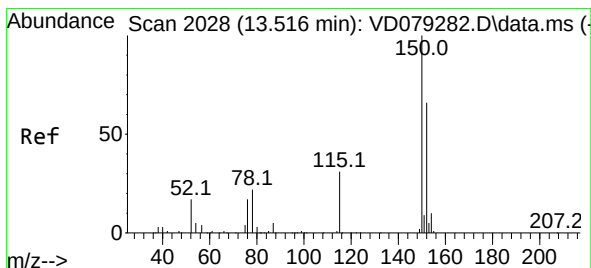
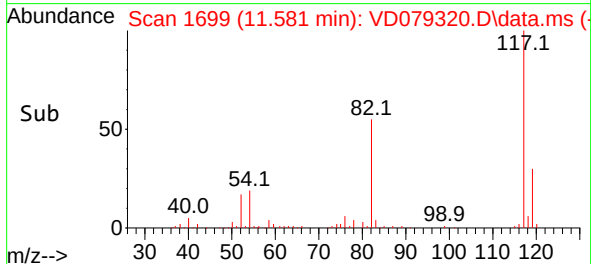
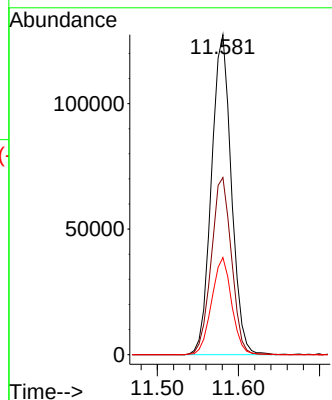
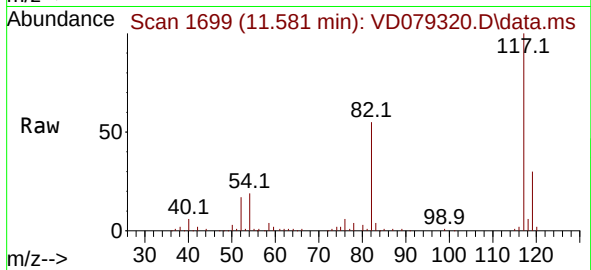




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Instrument :
MSVOA_D
ClientSampleId :
B-140-SB01

Tgt Ion:117 Resp: 217075
Ion Ratio Lower Upper
117 100
82 55.3 39.8 59.6
119 30.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion:152 Resp: 71437
Ion Ratio Lower Upper
152 100
115 60.5 26.5 79.5
150 153.0 0.0 341.6

