

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041624\
 Data File : VD078828.D
 Acq On : 16 Apr 2024 17:18
 Operator : RP/MD
 Sample : P2127-03
 Misc : 4.48G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2-FRONT

Quant Time: Apr 16 22:35:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	8999	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	17842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	19058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8227	97.551	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 195.100%#	
35) Dibromofluoromethane	7.799	113	8517	74.141	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.280%#	
50) Toluene-d8	10.269	98	21776	51.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.080%	
62) 4-Bromofluorobenzene	12.575	95	6700	54.208	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.420%	

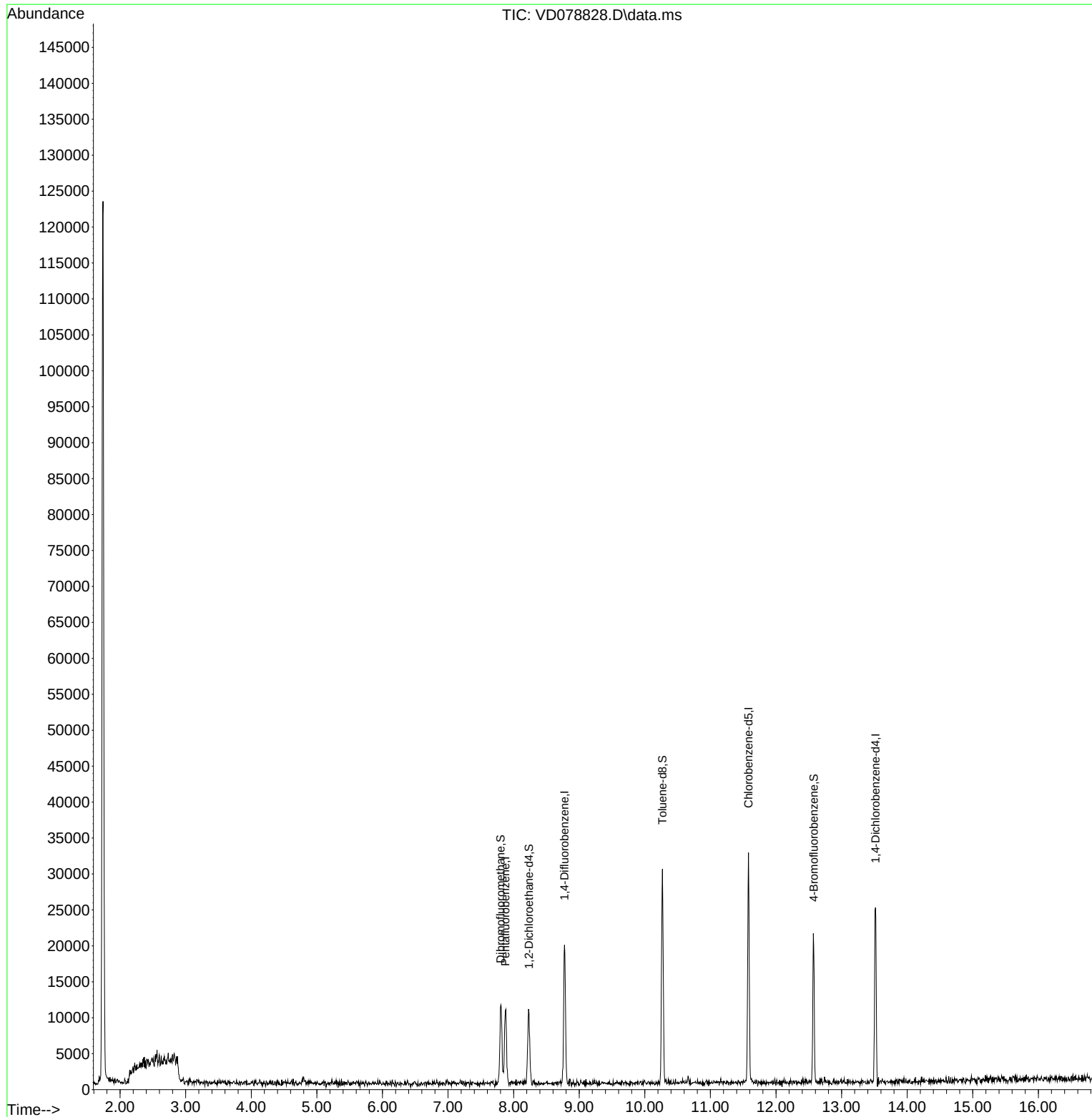
Target Compounds	Qvalue

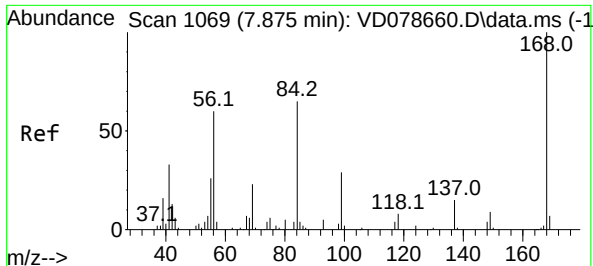
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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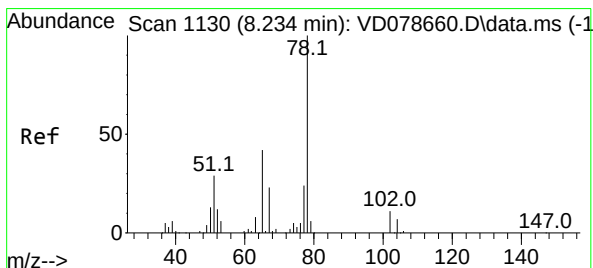
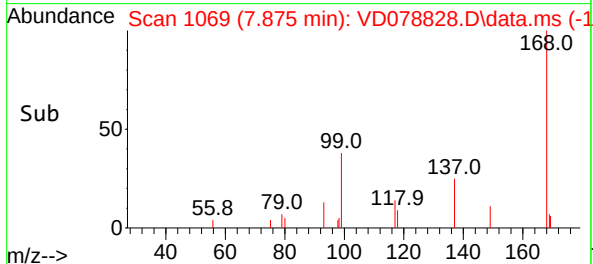
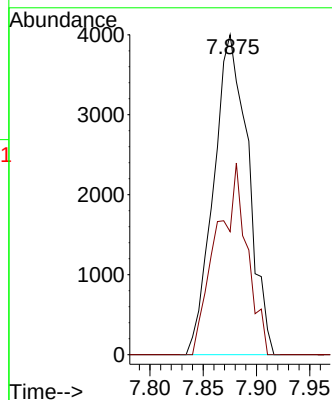
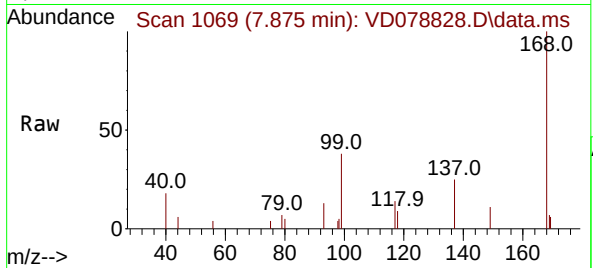




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078828.D
Acq: 16 Apr 2024 17:18

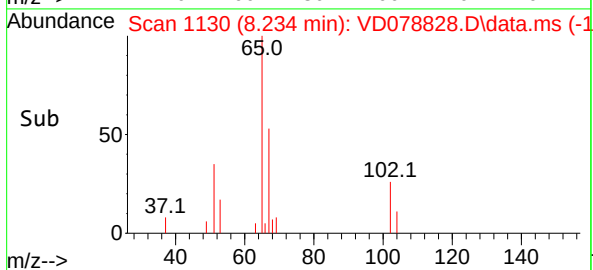
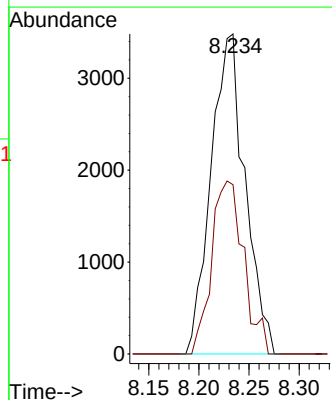
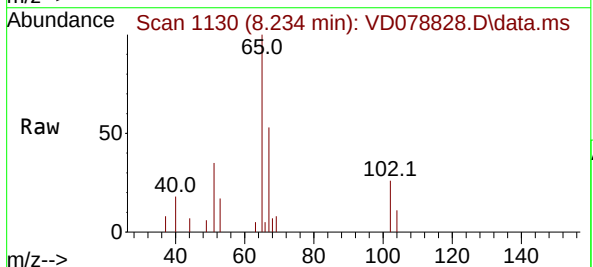
Instrument :
MSVOA_D
ClientSampleId :
SP-2-FRONT

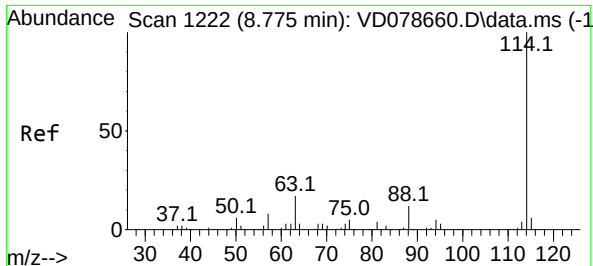
Tgt Ion:168 Resp: 8999
Ion Ratio Lower Upper
168 100
99 38.5 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 97.551 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078828.D
Acq: 16 Apr 2024 17:18

Tgt Ion: 65 Resp: 8227
Ion Ratio Lower Upper
65 100
67 50.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078828.D

Acq: 16 Apr 2024 17:18

Instrument :

MSVOA_D

ClientSampleId :

SP-2-FRONT

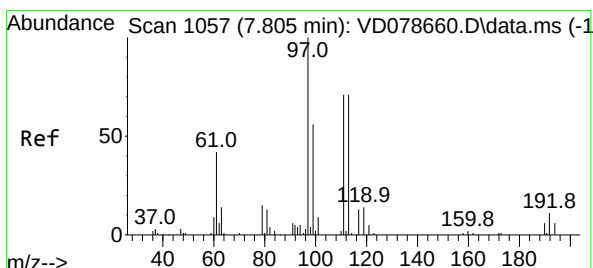
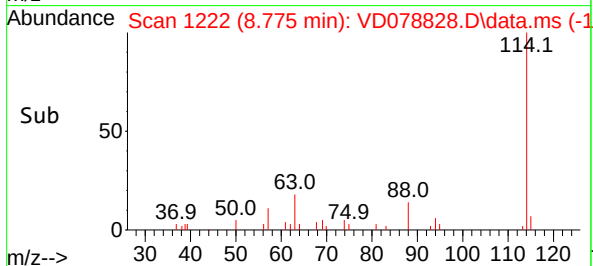
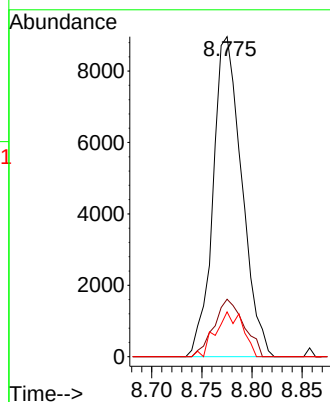
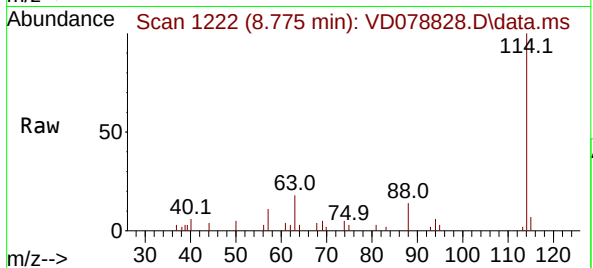
Tgt Ion:114 Resp: 17842

Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 14.0 0.0 24.6



#35

Dibromofluoromethane

Concen: 74.141 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078828.D

Acq: 16 Apr 2024 17:18

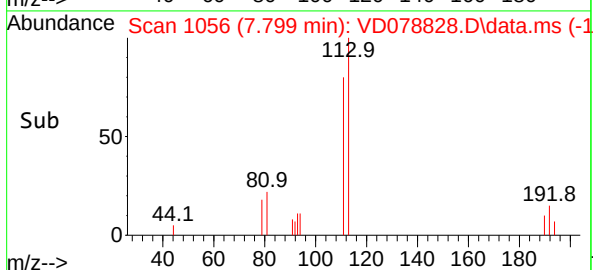
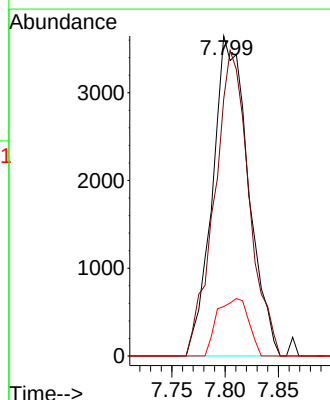
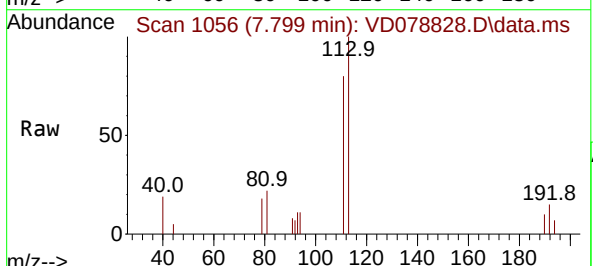
Tgt Ion:113 Resp: 8517

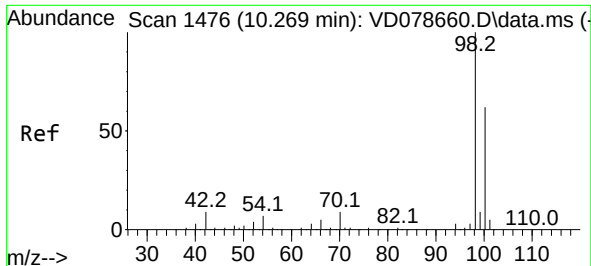
Ion Ratio Lower Upper

113 100

111 92.3 81.9 122.9

192 15.7 15.4 23.0

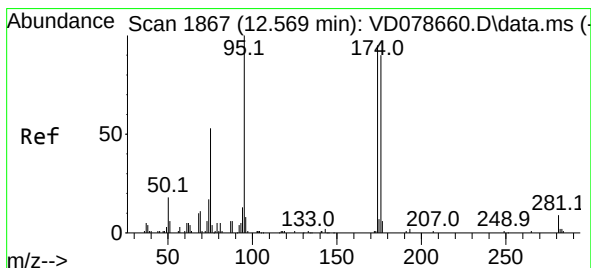
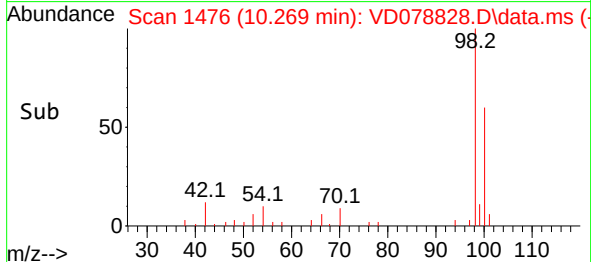
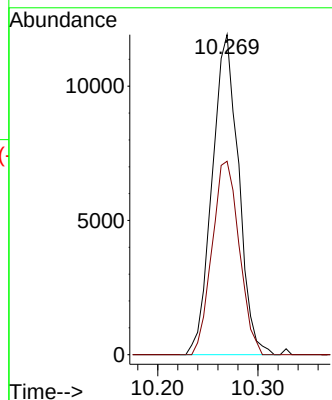
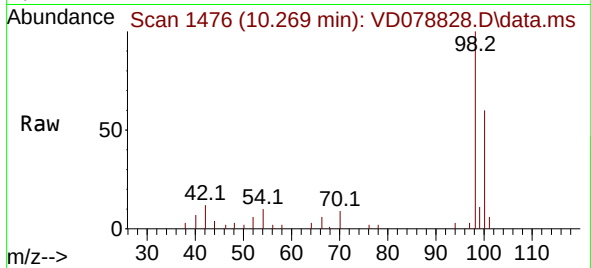




#50
Toluene-d8
Concen: 51.544 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078828.D
Acq: 16 Apr 2024 17:18

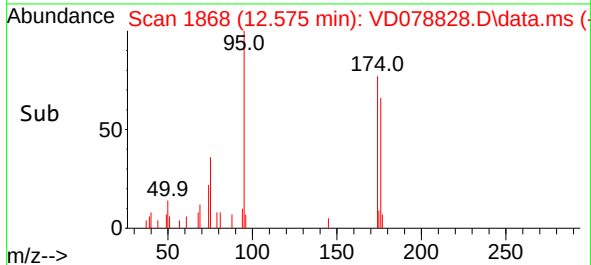
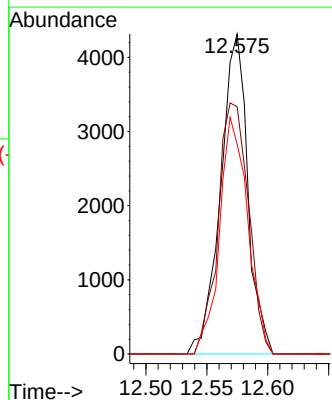
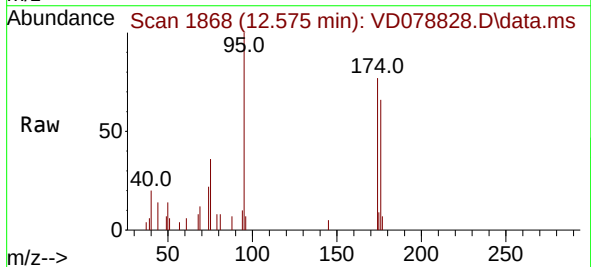
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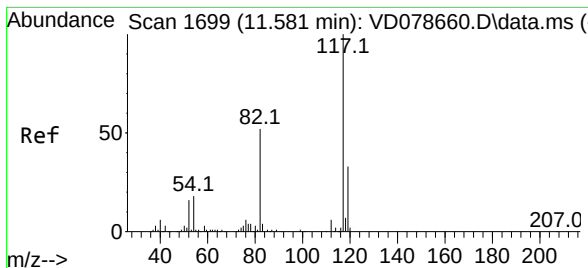
Tgt Ion: 98 Resp: 21776
Ion Ratio Lower Upper
98 100
100 62.2 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 54.208 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078828.D
Acq: 16 Apr 2024 17:18

Tgt Ion: 95 Resp: 6700
Ion Ratio Lower Upper
95 100
174 88.0 0.0 195.2
176 76.7 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078828.D

Acq: 16 Apr 2024 17:18

Instrument :

MSVOA_D

ClientSampleId :

SP-2-FRONT

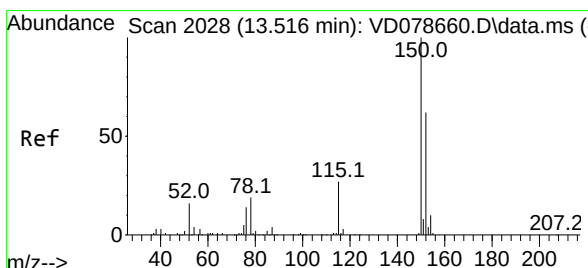
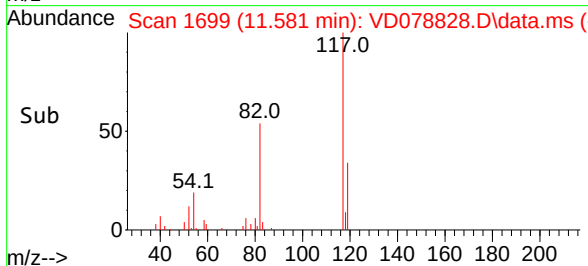
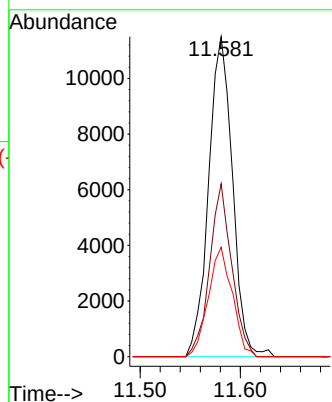
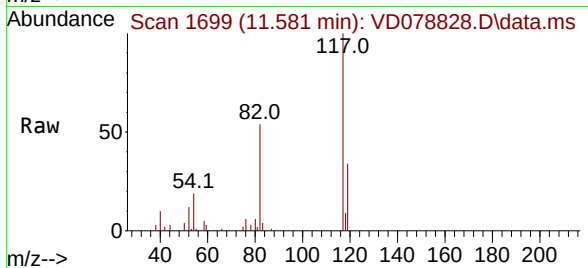
Tgt Ion:117 Resp: 19058

Ion Ratio Lower Upper

117 100

82 54.1 41.4 62.2

119 34.2 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078828.D

Acq: 16 Apr 2024 17:18

Tgt Ion:152 Resp: 7490

Ion Ratio Lower Upper

152 100

115 51.4 27.1 81.2

150 163.0 0.0 350.2

