

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078418.D
 Acq On : 14 Feb 2024 17:03
 Operator : RP/MD
 Sample : P1464-01
 Misc : 3.41G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PN-1(SOUTH-AREA)

Quant Time: Feb 15 03:42:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106643	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	231818	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	256983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58673	50.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.760%	
35) Dibromofluoromethane	7.810	113	74770	50.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.269	98	302083	51.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.560%	
62) 4-Bromofluorobenzene	12.575	95	109154	63.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 127.360%	

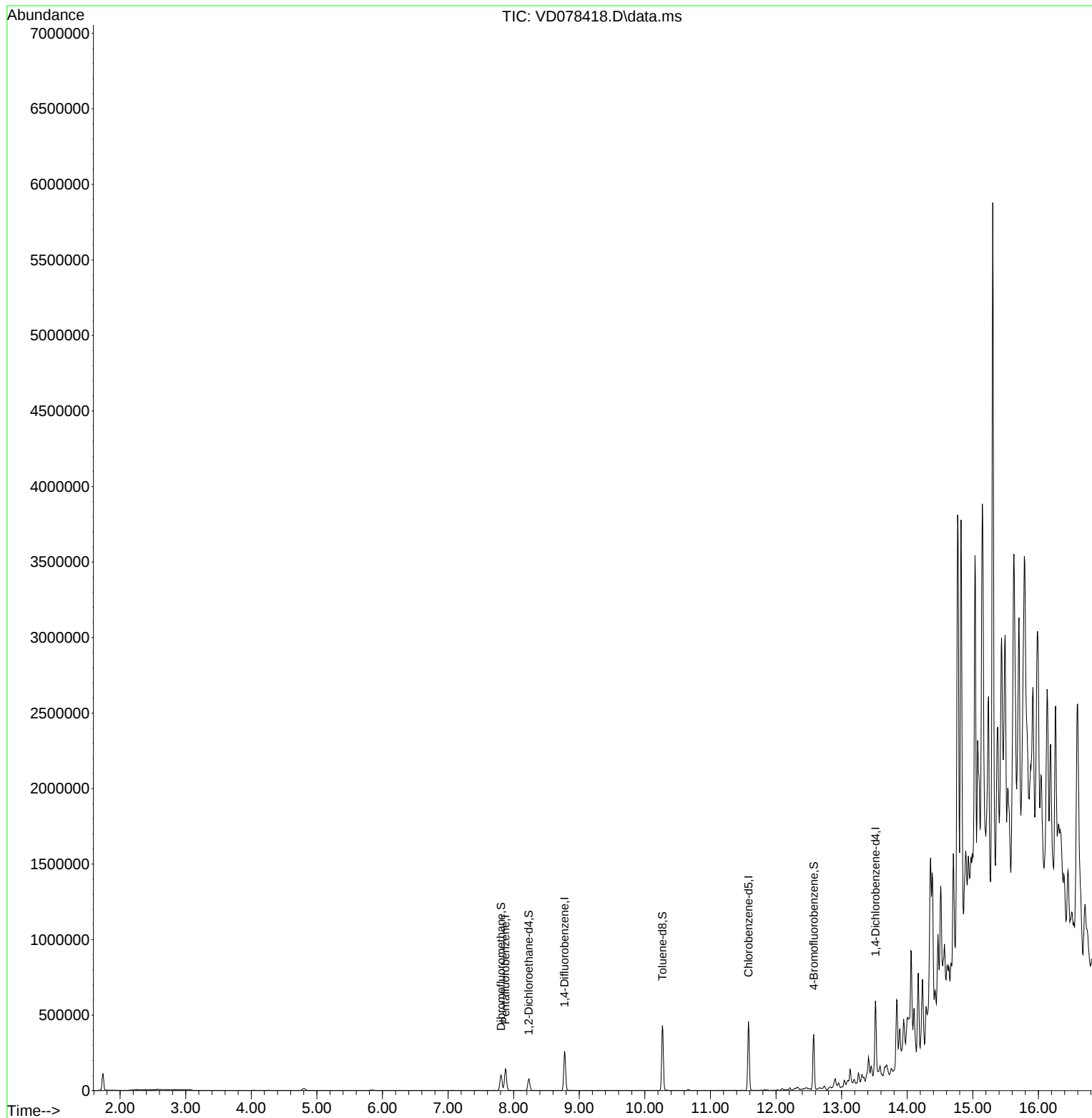
Target Compounds	Qvalue

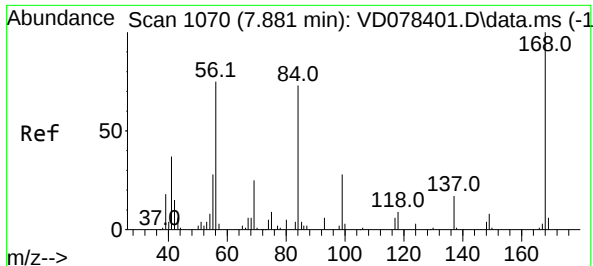
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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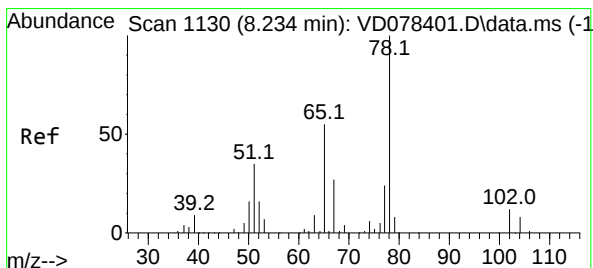
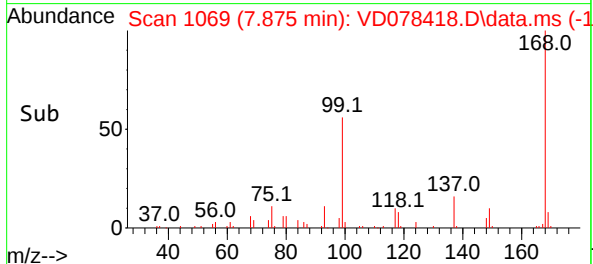
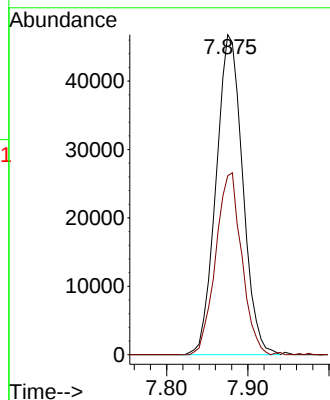
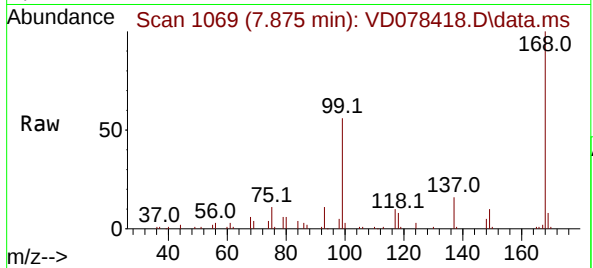




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

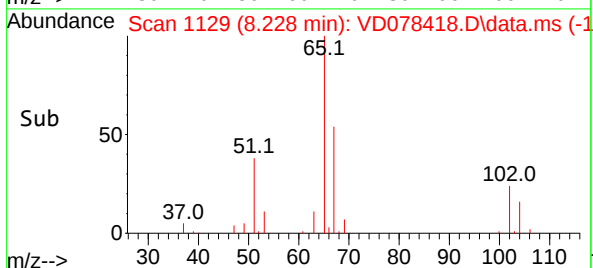
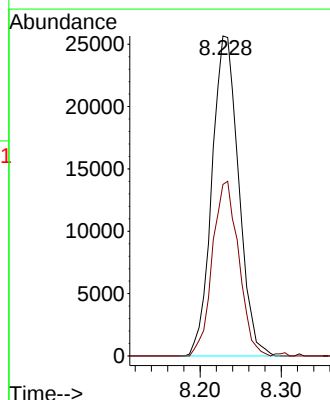
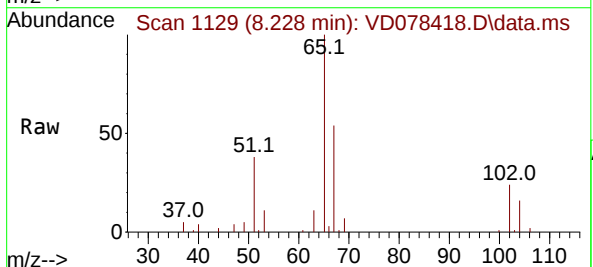
Instrument :
MSVOA_D
ClientSampleId :
PN-1(SOUTH-AREA)

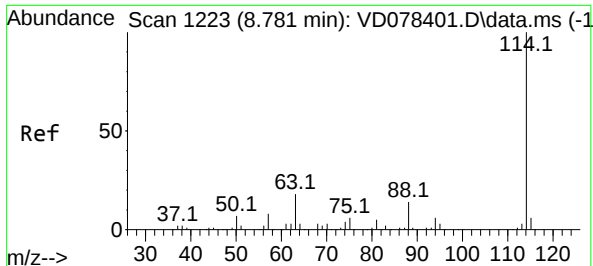
Tgt Ion:168 Resp: 106643
Ion Ratio Lower Upper
168 100
99 55.9 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 50.884 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

Tgt Ion: 65 Resp: 58673
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078418.D

Acq: 14 Feb 2024 17:03

Instrument :

MSVOA_D

ClientSampleId :

PN-1(SOUTH-AREA)

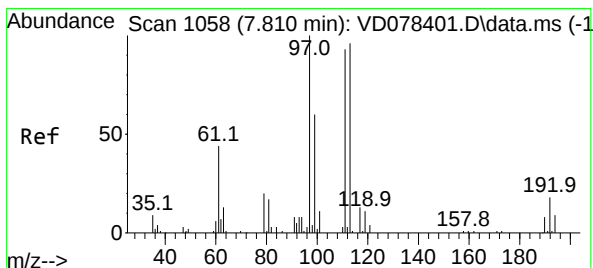
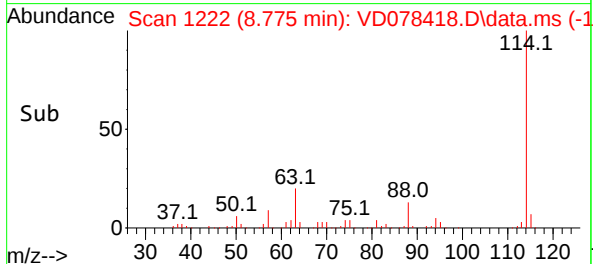
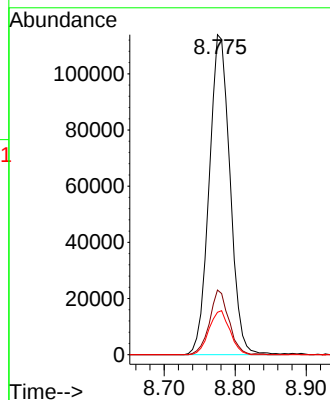
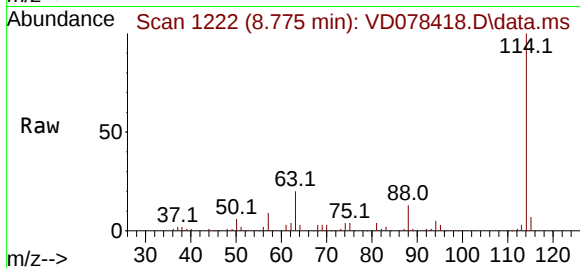
Tgt Ion:114 Resp: 231818

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.776 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078418.D

Acq: 14 Feb 2024 17:03

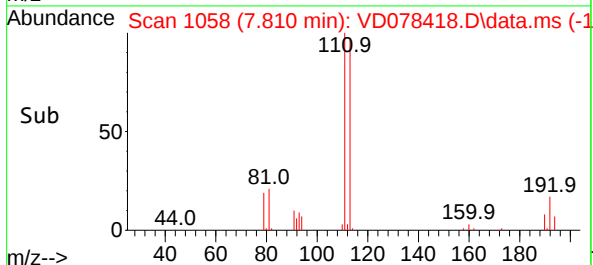
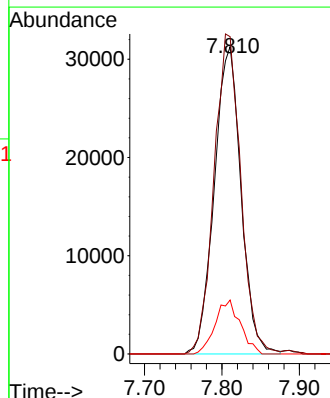
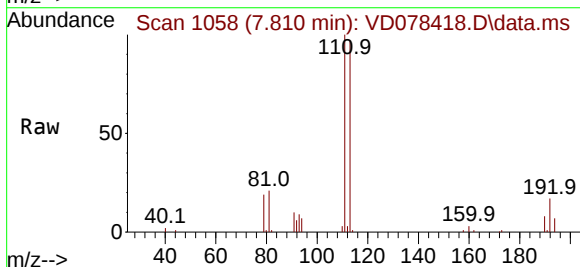
Tgt Ion:113 Resp: 74770

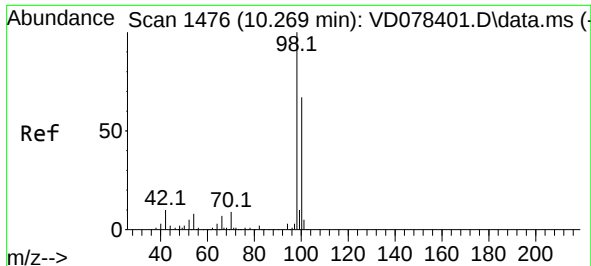
Ion Ratio Lower Upper

113 100

111 103.8 84.7 127.1

192 16.6 16.8 25.2#

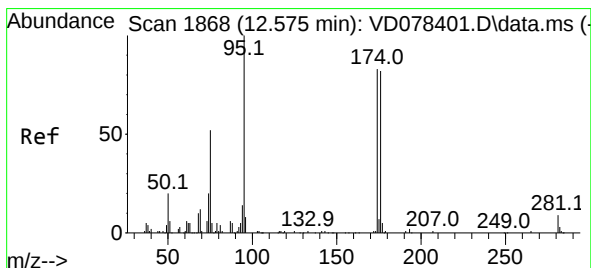
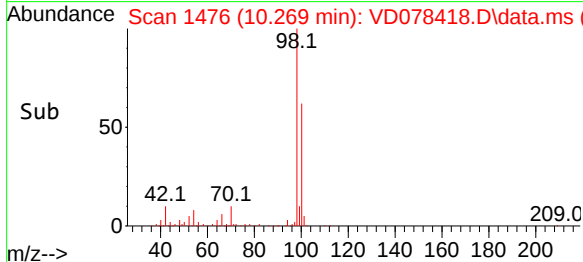
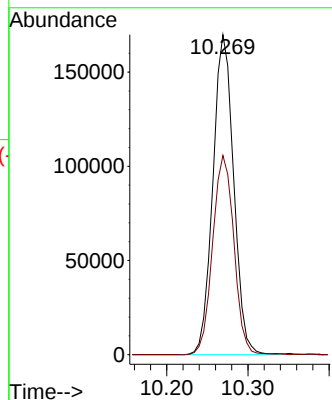
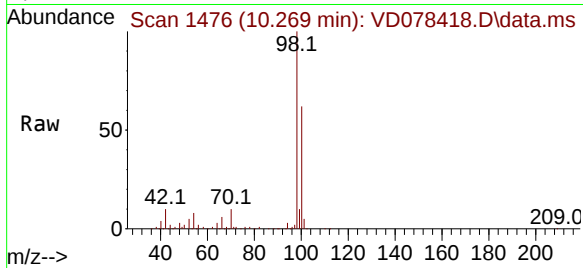




#50
Toluene-d8
Concen: 51.282 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

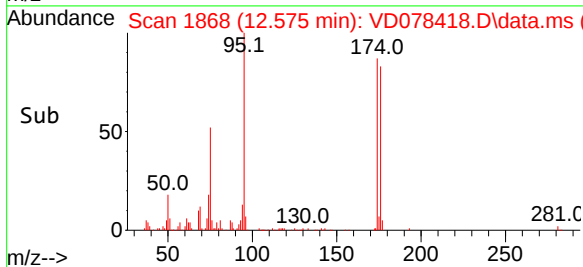
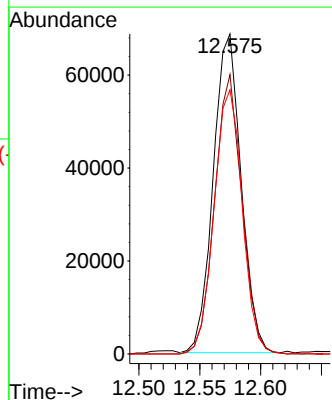
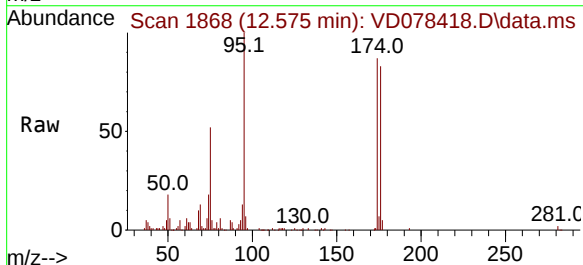
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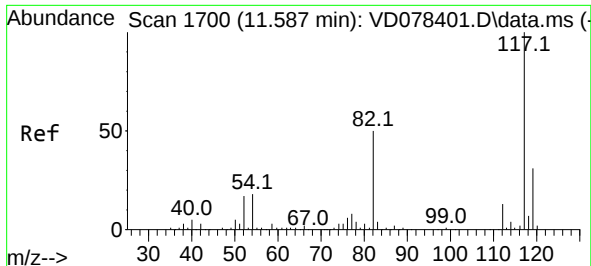
Tgt Ion: 98 Resp: 302083
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 63.677 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

Tgt Ion: 95 Resp: 109154
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 84.0 0.0 191.8

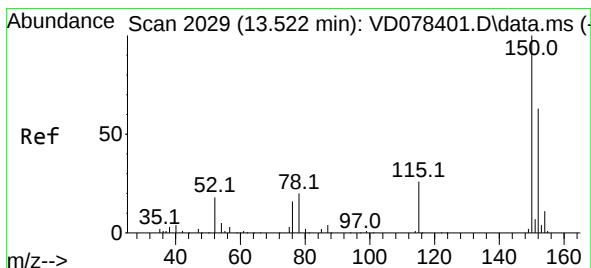
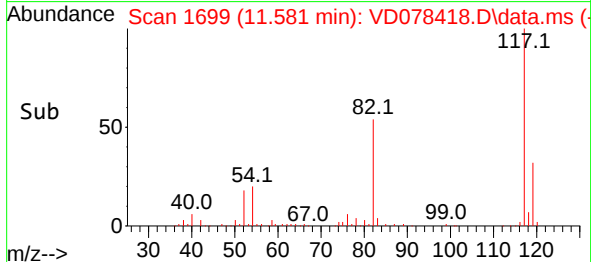
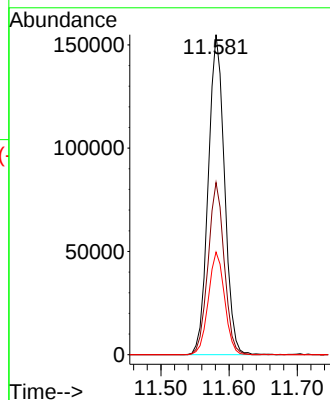
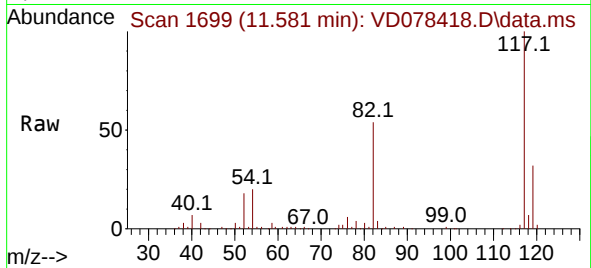




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

Instrument :
MSVOA_D
ClientSampleId :
PN-1(SOUTH-AREA)

Tgt Ion:117 Resp: 256983
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078418.D
Acq: 14 Feb 2024 17:03

Tgt Ion:152 Resp: 136299
Ion Ratio Lower Upper
152 100
115 58.2 27.1 81.3
150 154.3 0.0 353.6

