

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078209.D
 Acq On : 23 Jan 2024 15:41
 Operator : RP/MD
 Sample : P1219-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 222177

Quant Time: Jan 24 00:22:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	143992	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	302025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	295505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122949	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72952	44.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	88.760%
35) Dibromofluoromethane	7.810	113	93243	46.909	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.820%
50) Toluene-d8	10.269	98	384962	48.911	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.575	95	111589	48.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%

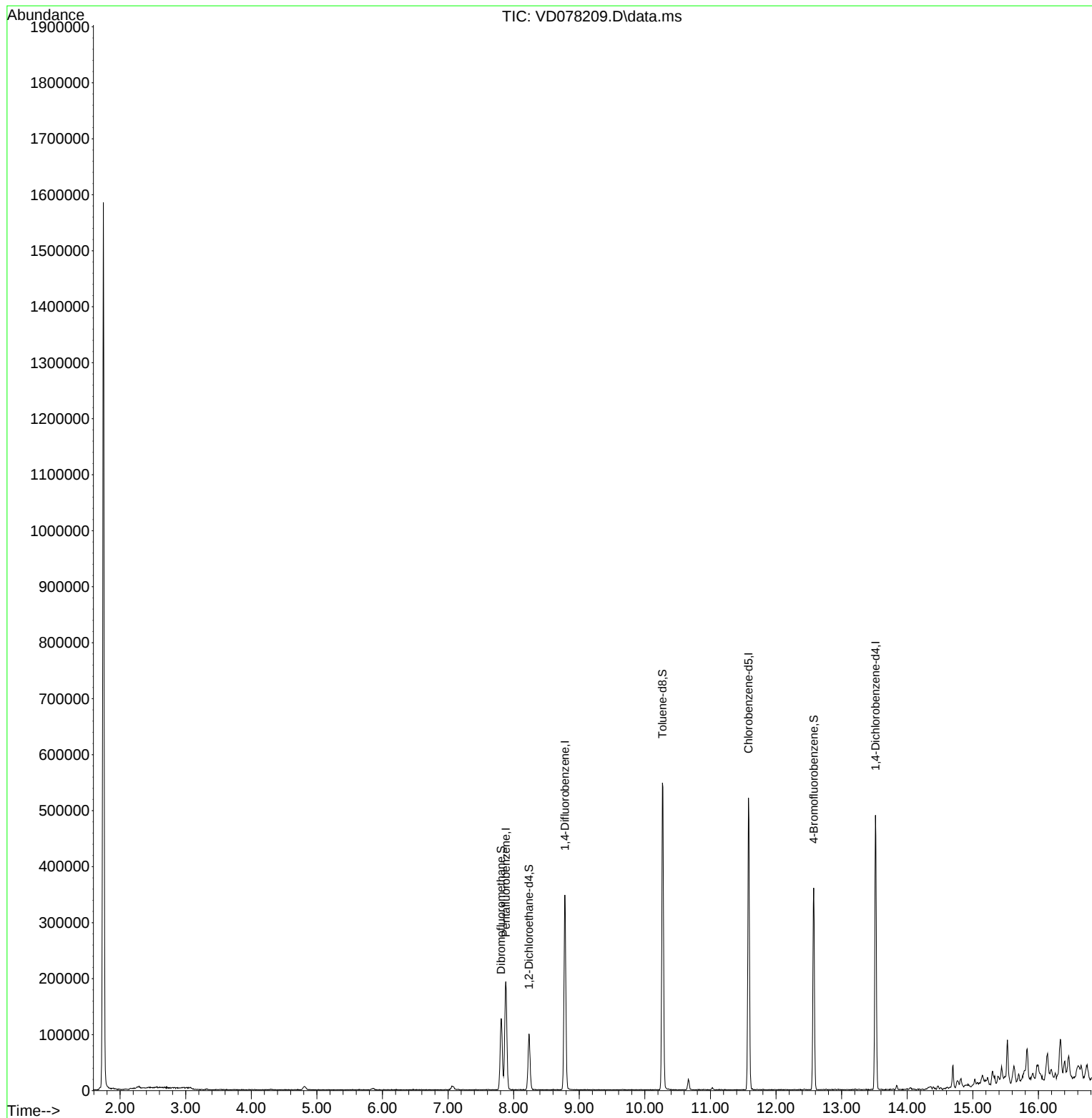
Target Compounds	Qvalue

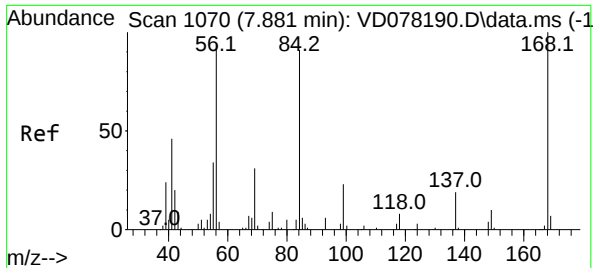
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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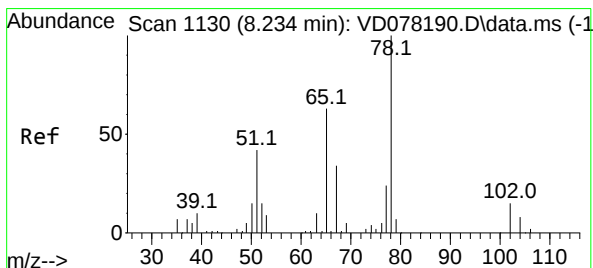
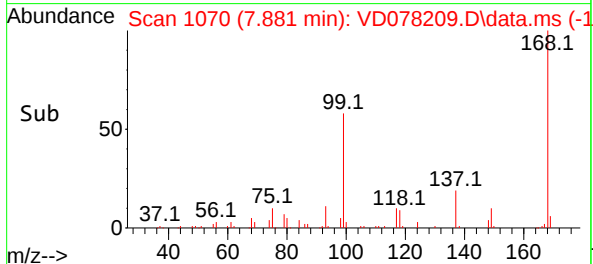
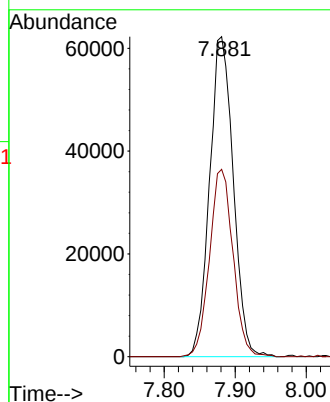
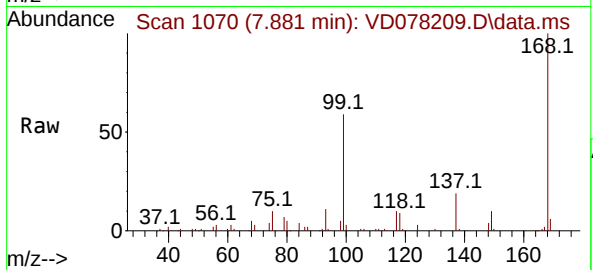




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

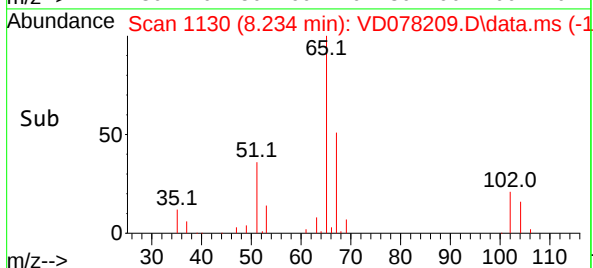
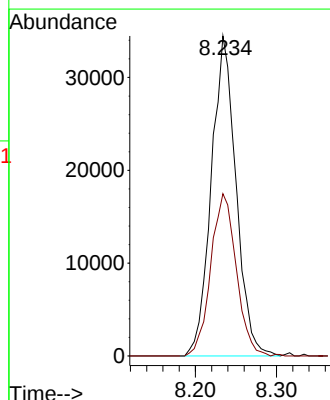
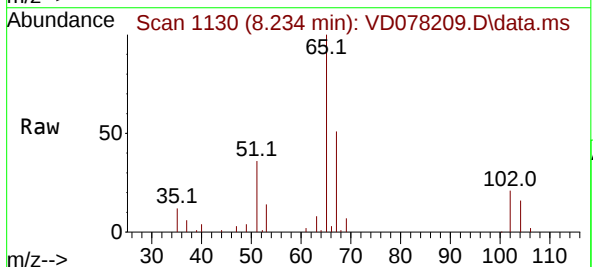
Instrument :
MSVOA_D
ClientSampleId :
222177

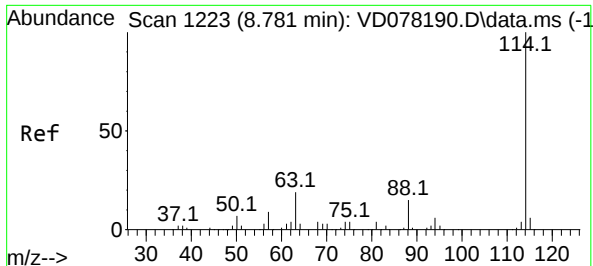
Tgt Ion:168 Resp: 143992
Ion Ratio Lower Upper
168 100
99 58.5 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 44.380 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion: 65 Resp: 72952
Ion Ratio Lower Upper
65 100
67 52.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078209.D

Acq: 23 Jan 2024 15:41

Instrument :

MSVOA_D

ClientSampleId :

222177

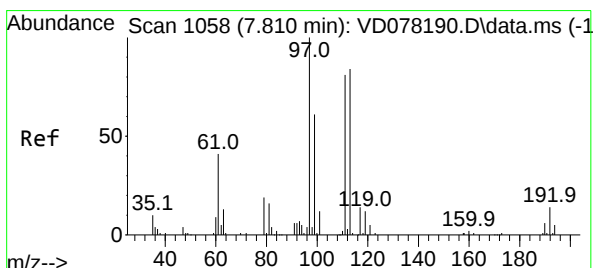
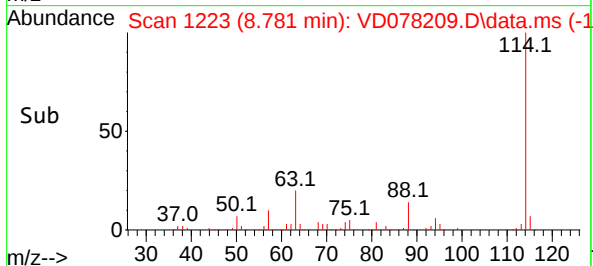
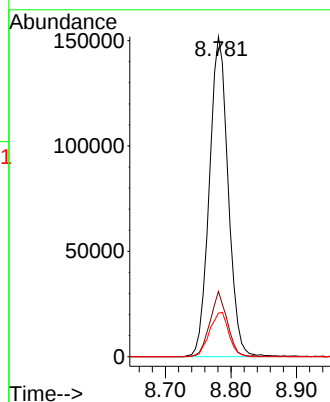
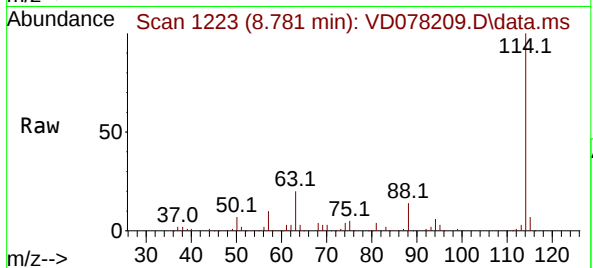
Tgt Ion:114 Resp: 302025

Ion Ratio Lower Upper

114 100

63 20.4 0.0 33.4

88 13.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.909 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD078209.D

Acq: 23 Jan 2024 15:41

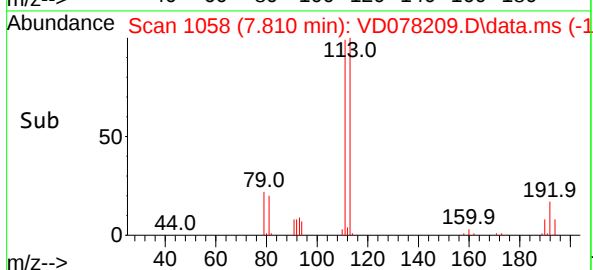
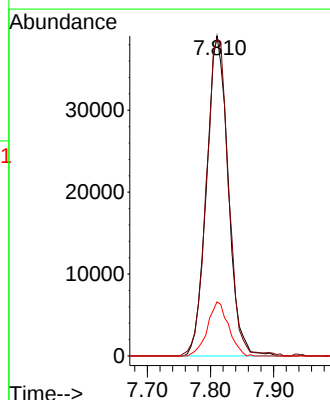
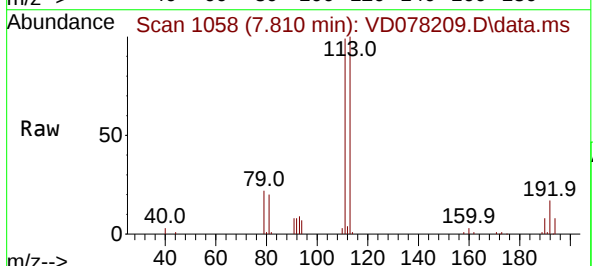
Tgt Ion:113 Resp: 93243

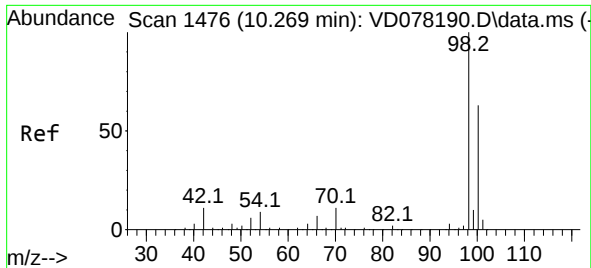
Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 16.5 16.8 25.2#

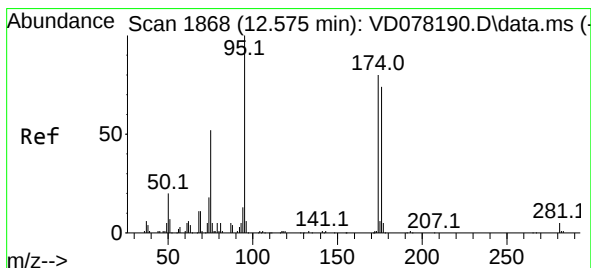
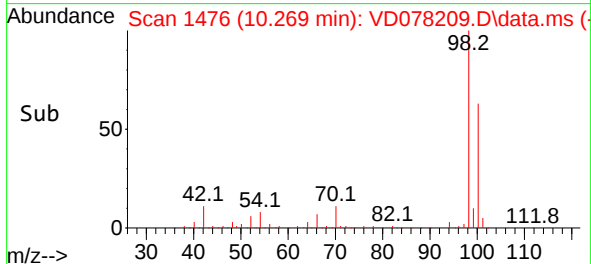
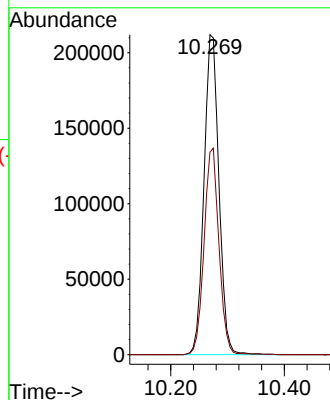
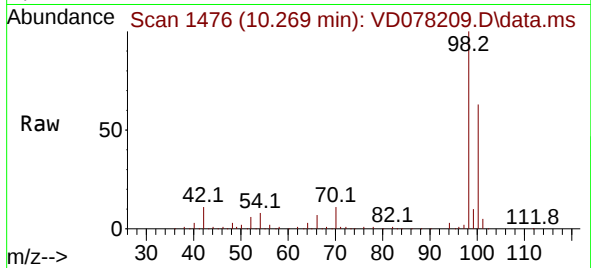




#50
Toluene-d8
Concen: 48.911 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

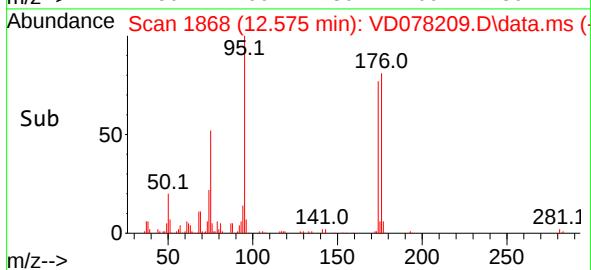
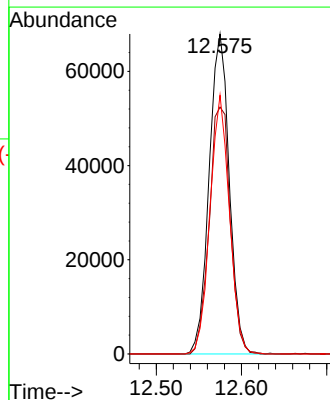
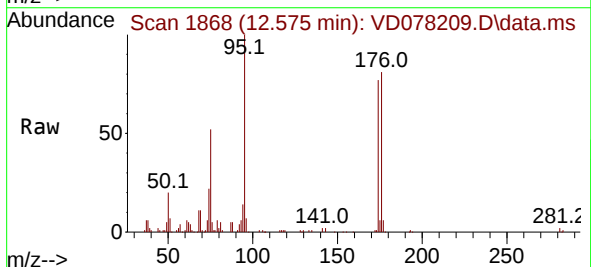
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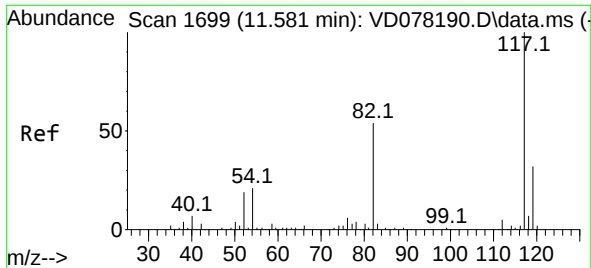
Tgt Ion: 98 Resp: 384962
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion: 95 Resp: 111589
Ion Ratio Lower Upper
95 100
174 80.7 0.0 201.8
176 77.9 0.0 191.8

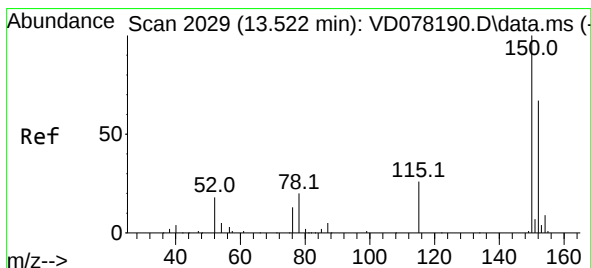
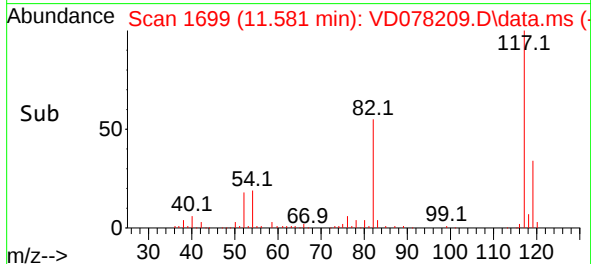
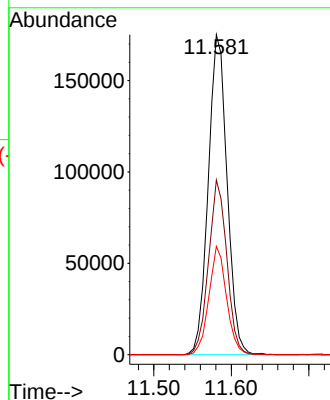
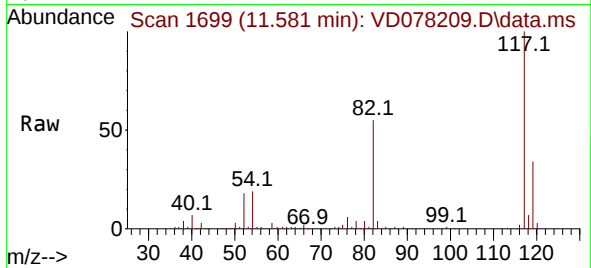




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078209.D
Acq: 23 Jan 2024 15:41

Instrument :
MSVOA_D
ClientSampleId :
222177

Tgt Ion:117 Resp: 295505
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 33.9 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: VD078209.D
Acq: 23 Jan 2024 15:41

Tgt Ion:152 Resp: 122949
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 160.7 0.0 353.6

