

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010824\
 Data File : VD078136.D
 Acq On : 08 Jan 2024 18:02
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jan 09 01:37:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	155339	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	284121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	114519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73887	45.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.360%
35) Dibromofluoromethane	7.804	113	86979	42.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.960%
50) Toluene-d8	10.269	98	346185	50.411	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.575	95	100646	42.102	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.200%

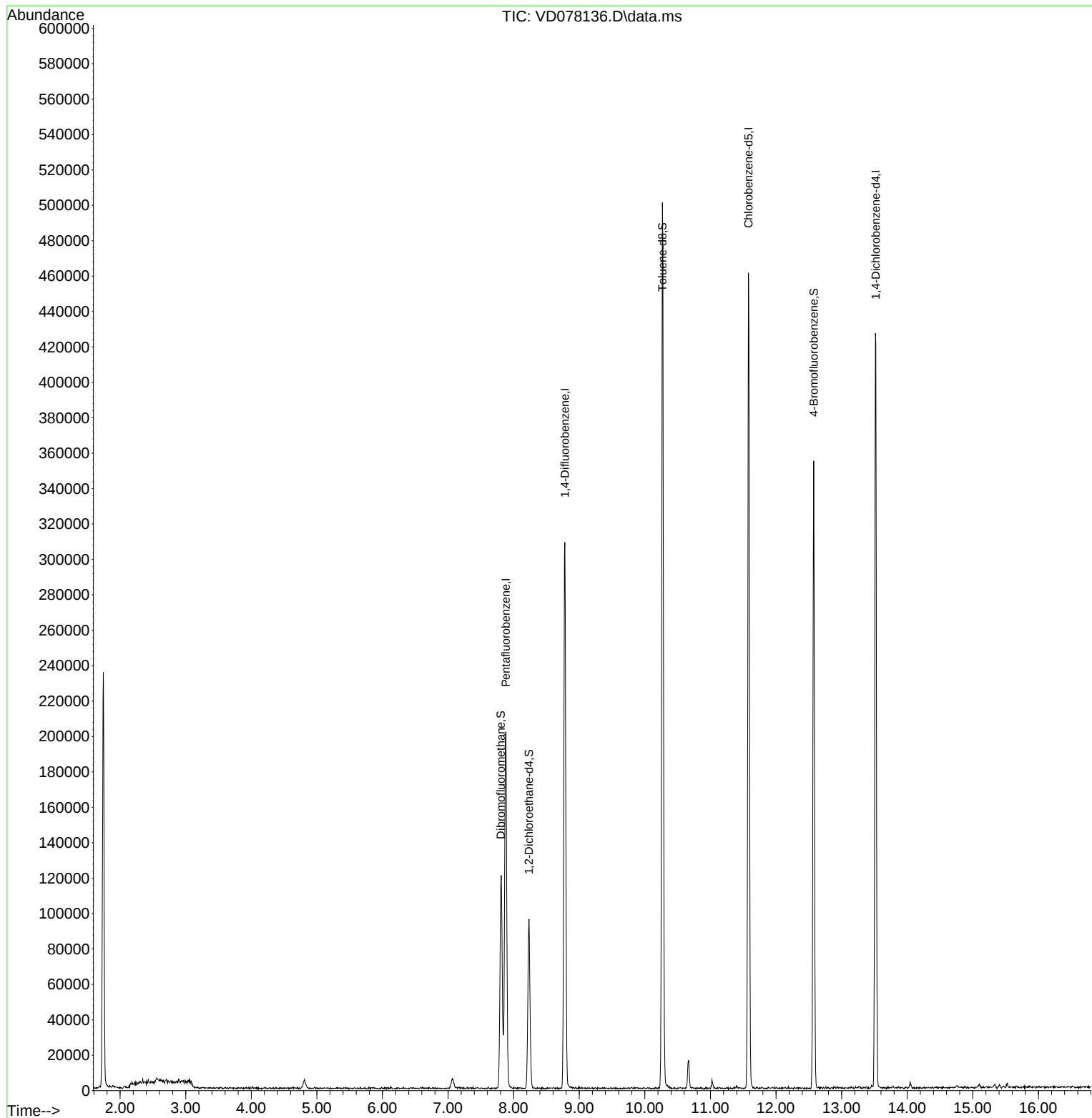
Target Compounds	Qvalue

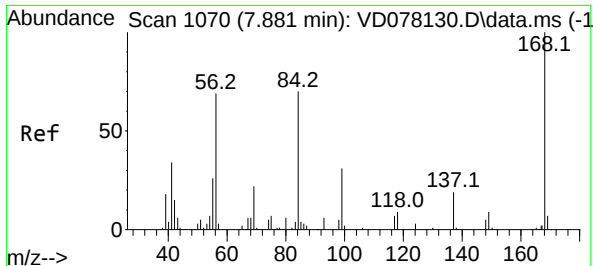
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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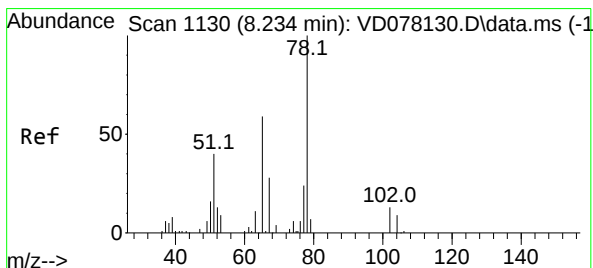
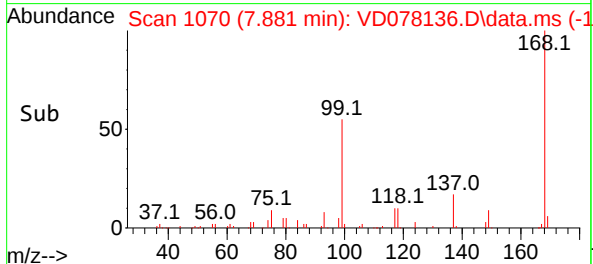
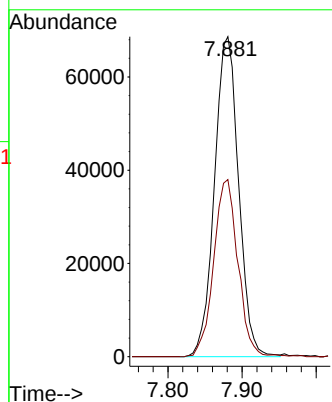
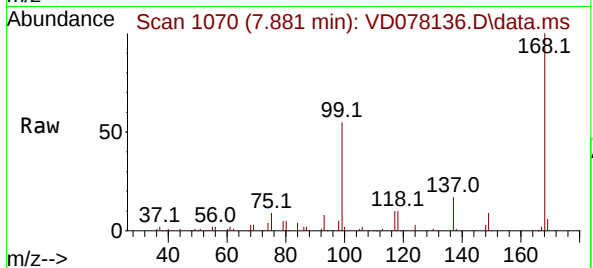




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

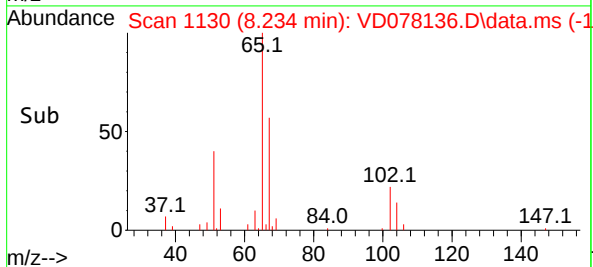
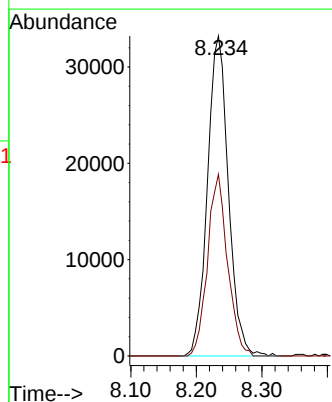
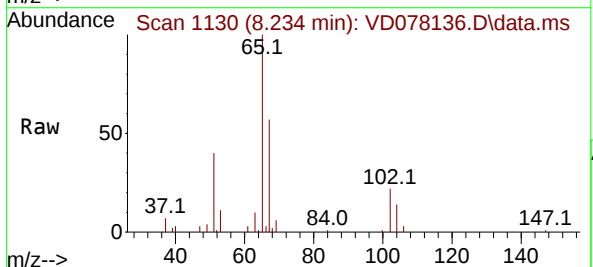
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

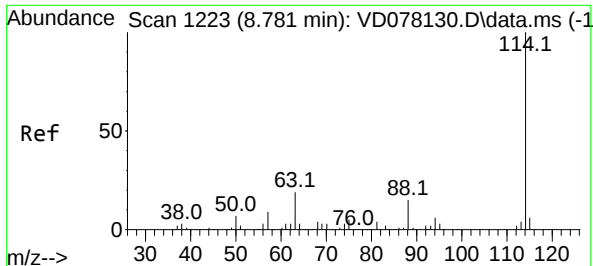
Tgt Ion:168 Resp: 155339
Ion Ratio Lower Upper
168 100
99 55.3 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 45.180 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion: 65 Resp: 73887
Ion Ratio Lower Upper
65 100
67 54.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078136.D

Acq: 08 Jan 2024 18:02

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

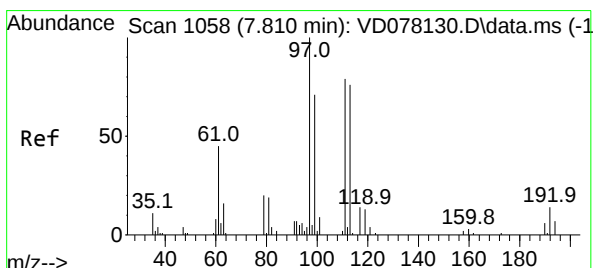
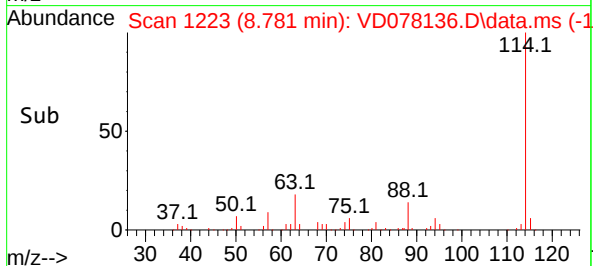
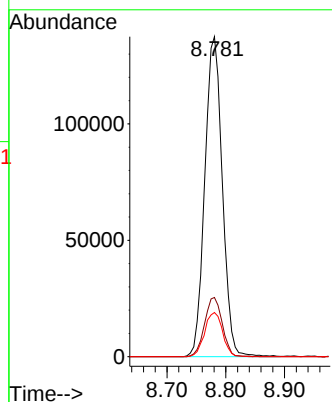
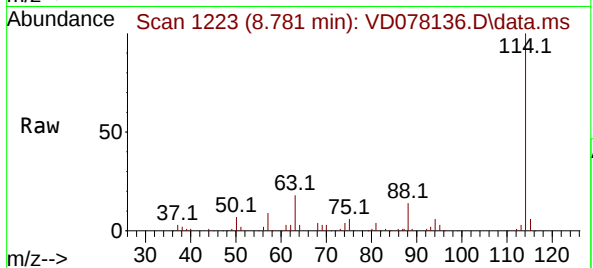
Tgt Ion:114 Resp: 284121

Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.8 0.0 26.2



#35

Dibromofluoromethane

Concen: 42.477 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078136.D

Acq: 08 Jan 2024 18:02

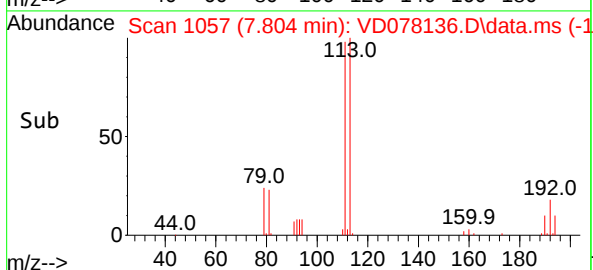
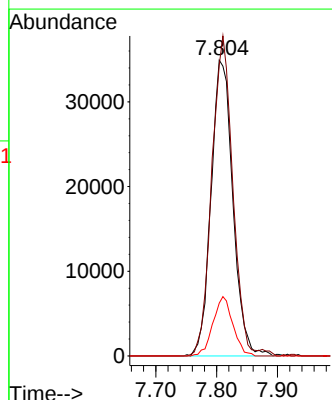
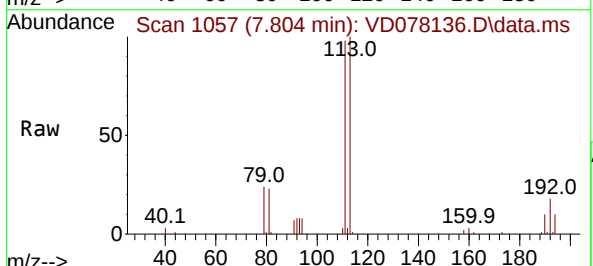
Tgt Ion:113 Resp: 86979

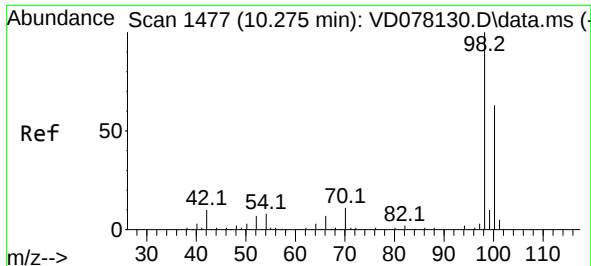
Ion Ratio Lower Upper

113 100

111 103.6 84.7 127.1

192 18.3 16.8 25.2

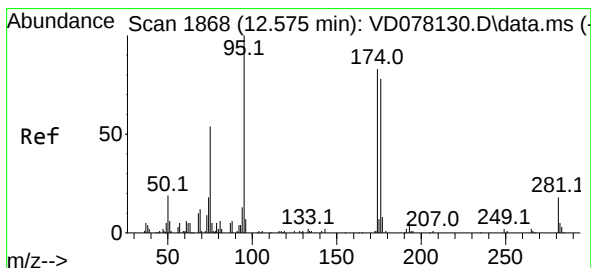
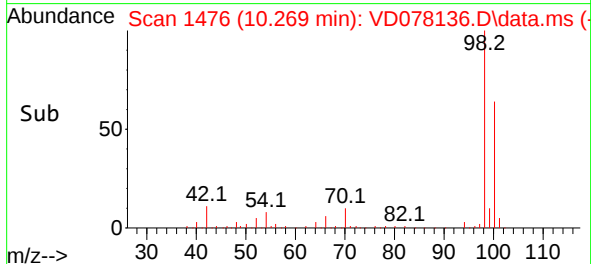
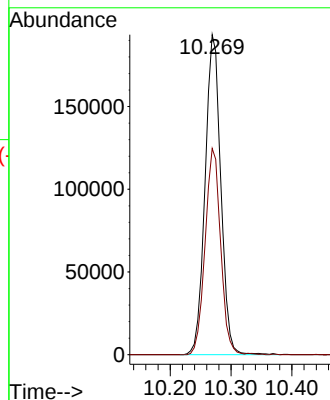
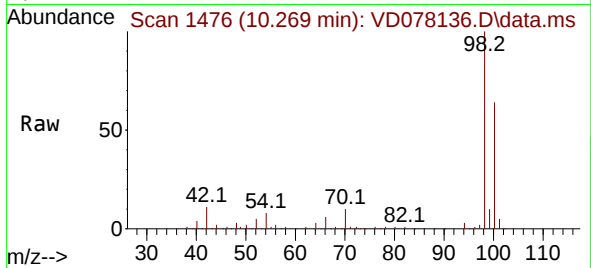




#50
Toluene-d8
Concen: 50.411 ug/l
RT: 10.269 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

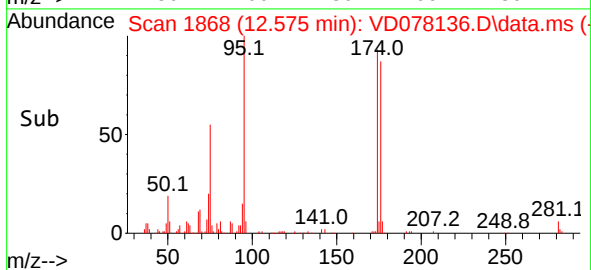
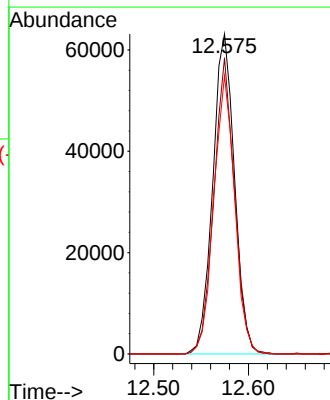
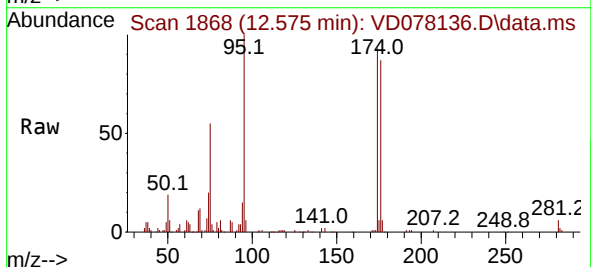
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

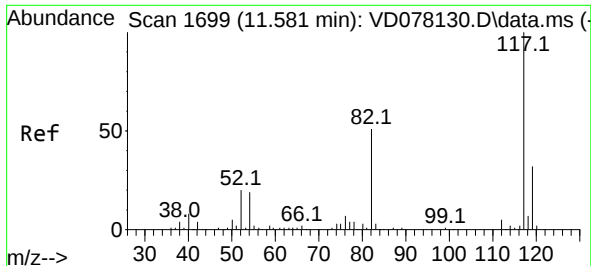
Tgt Ion: 98 Resp: 346185
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 42.102 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion: 95 Resp: 100646
Ion Ratio Lower Upper
95 100
174 88.0 0.0 201.8
176 83.9 0.0 191.8

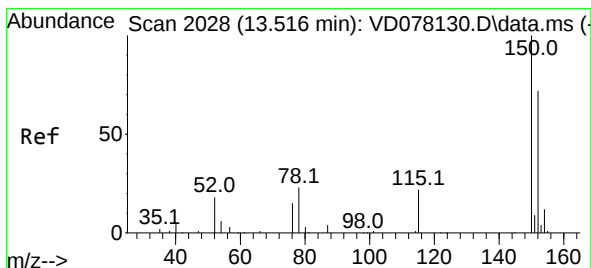
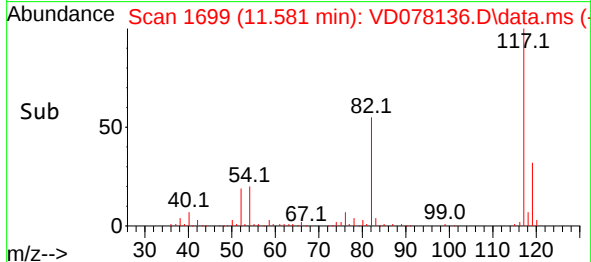
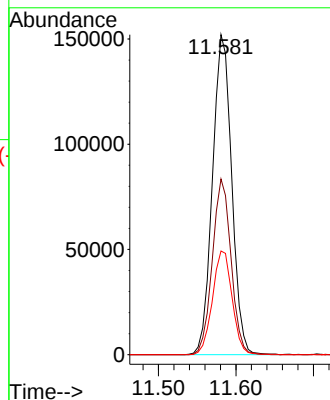
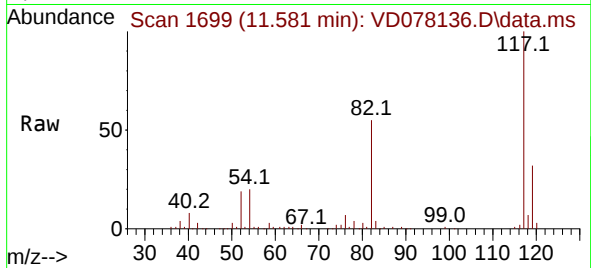




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 261928
Ion Ratio Lower Upper
117 100
82 54.9 38.3 57.5
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078136.D
Acq: 08 Jan 2024 18:02

Tgt Ion:152 Resp: 114519
Ion Ratio Lower Upper
152 100
115 57.9 27.1 81.3
150 159.5 0.0 353.6

