

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078378.D
 Acq On : 08 Feb 2024 19:22
 Operator : RP/MD
 Sample : P1394-01
 Misc : 4.75G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-1(4-5)

Quant Time: Feb 09 03:14:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	91536	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	213807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	236718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57632	50.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.811	113	72197	47.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.860%
50) Toluene-d8	10.269	98	281533	48.852	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.569	95	93078	53.932	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.860%

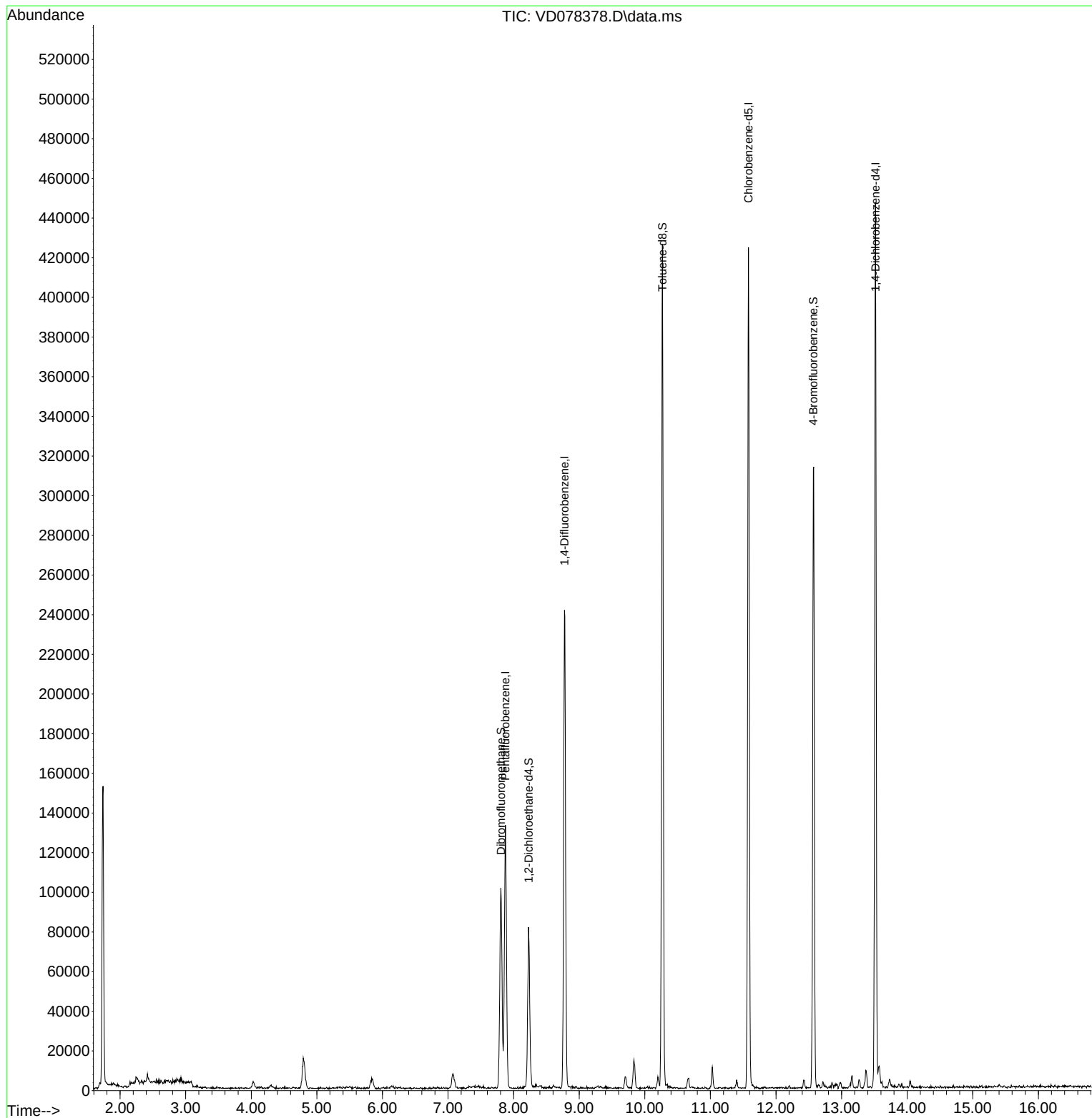
Target Compounds	Qvalue

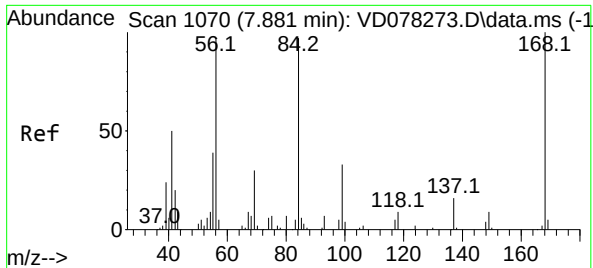
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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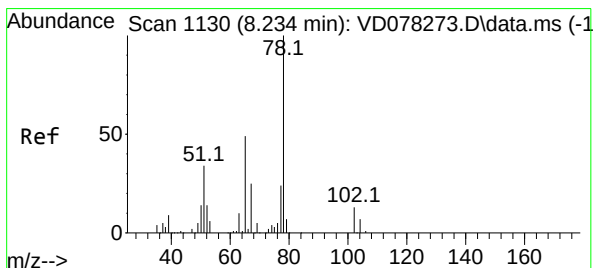
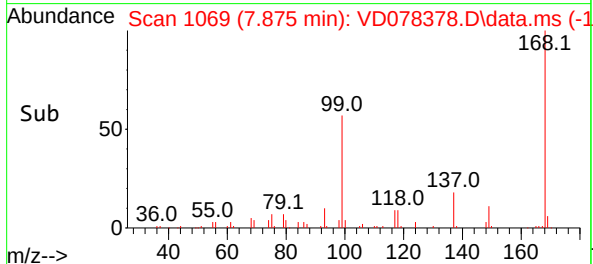
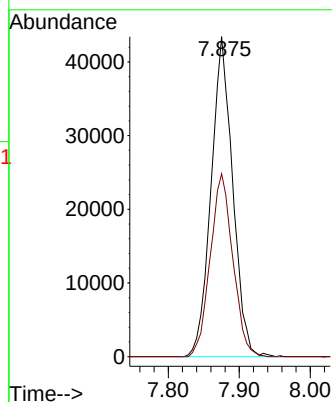
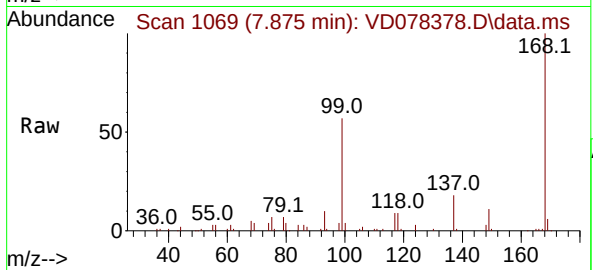




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

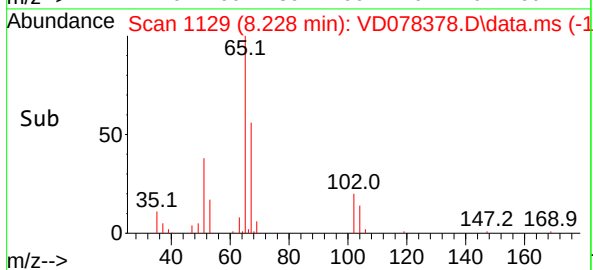
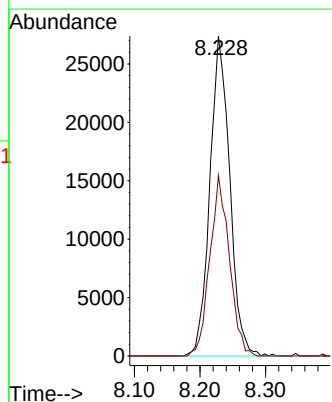
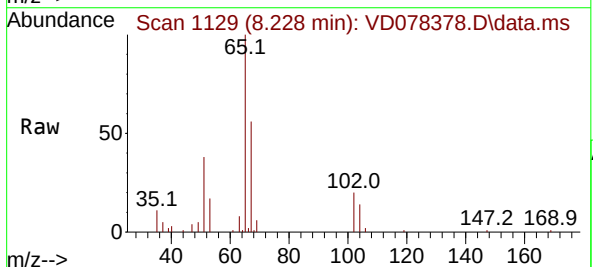
Instrument :
MSVOA_D
ClientSampleId :
SB-1(4-5)

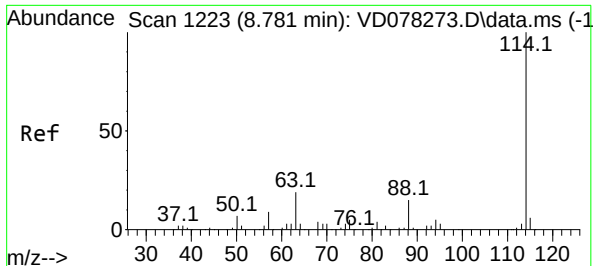
Tgt Ion:168 Resp: 91536
Ion Ratio Lower Upper
168 100
99 57.1 36.7 55.1#



#33
1,2-Dichloroethane-d4
Concen: 50.860 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 65 Resp: 57632
Ion Ratio Lower Upper
65 100
67 55.5 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: VD078378.D

Acq: 08 Feb 2024 19:22

Instrument :

MSVOA_D

ClientSampleId :

SB-1(4-5)

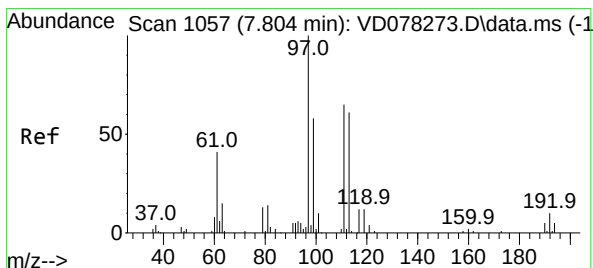
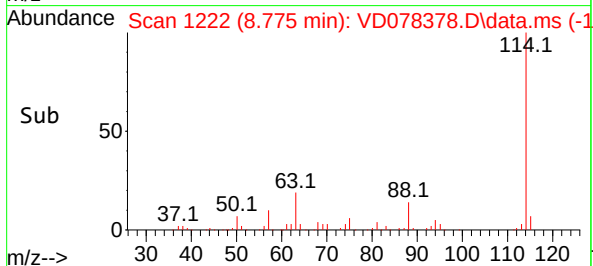
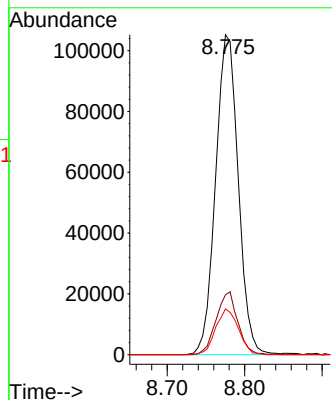
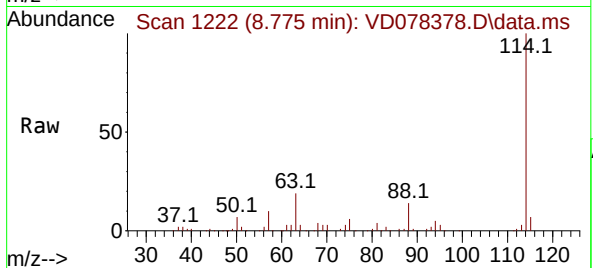
Tgt Ion:114 Resp: 213807

Ion Ratio Lower Upper

114 100

63 18.7 0.0 33.4

88 14.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.431 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078378.D

Acq: 08 Feb 2024 19:22

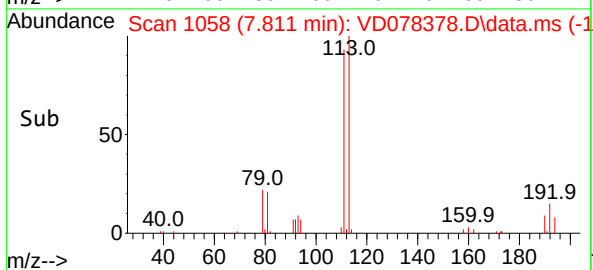
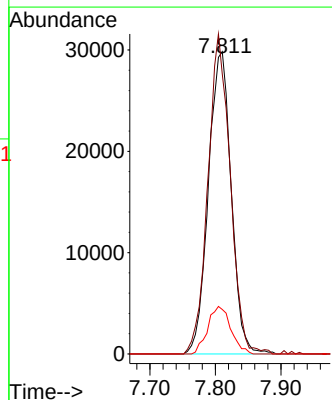
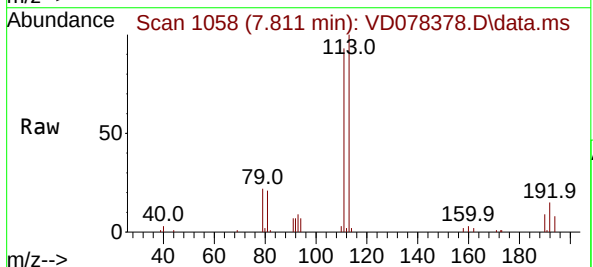
Tgt Ion:113 Resp: 72197

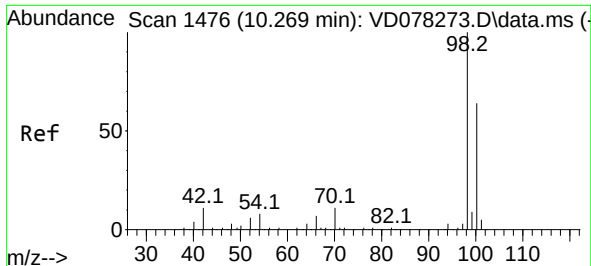
Ion Ratio Lower Upper

113 100

111 103.2 84.7 127.1

192 15.8 16.8 25.2#

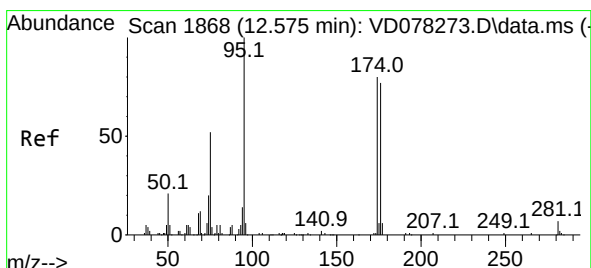
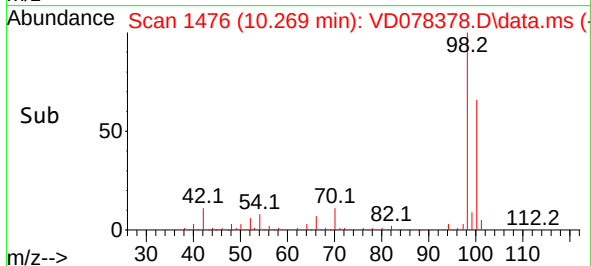
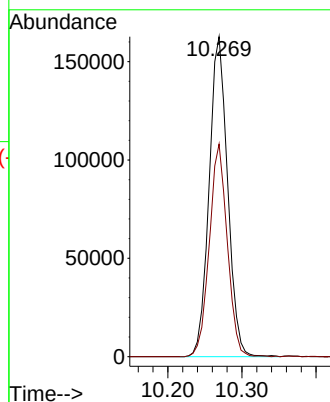
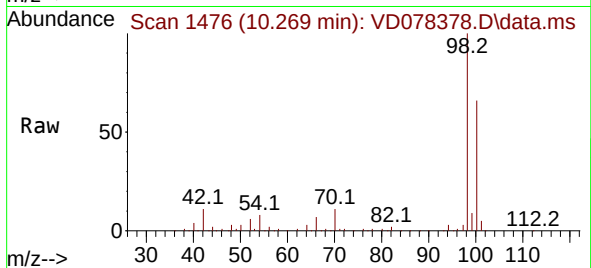




#50
Toluene-d8
Concen: 48.852 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

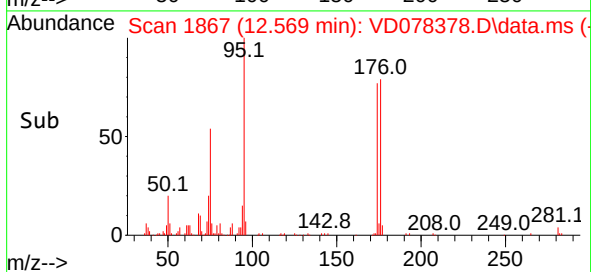
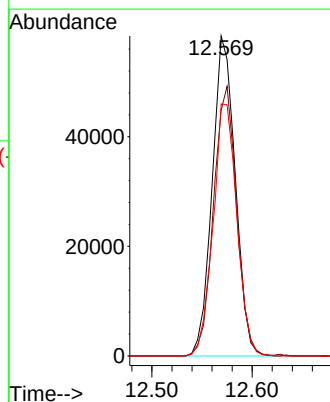
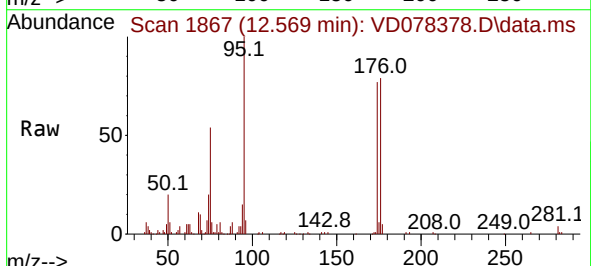
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SB-1(4-5)

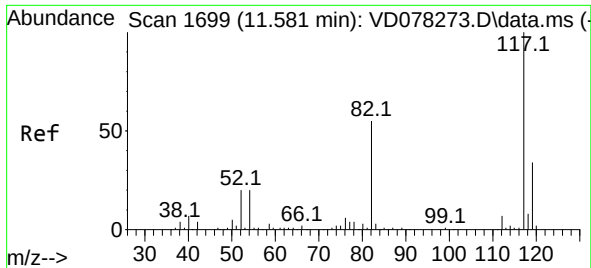
Tgt Ion: 98 Resp: 281533
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.932 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Tgt Ion: 95 Resp: 93078
Ion Ratio Lower Upper
95 100
174 84.4 0.0 201.8
176 81.5 0.0 191.8

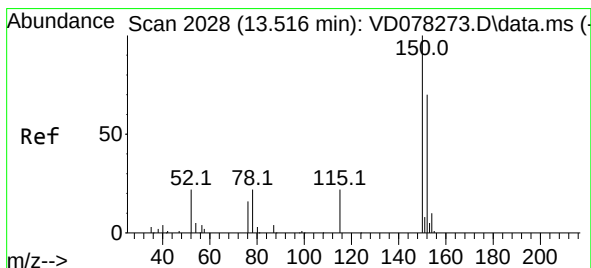
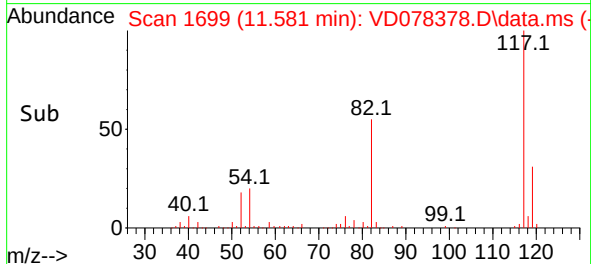
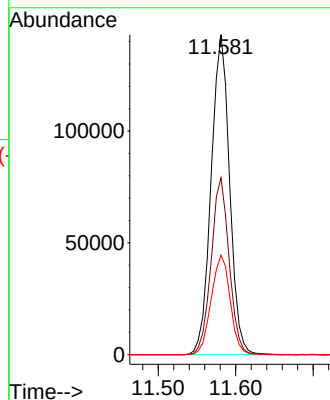
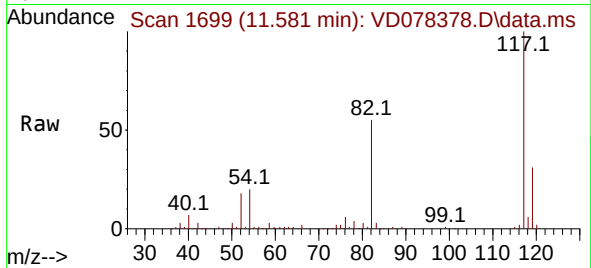




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Instrument :
MSVOA_D
ClientSampleId :
SB-1(4-5)

Tgt Ion:117 Resp: 236718
Ion Ratio Lower Upper
117 100
82 55.3 38.3 57.5
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078378.D
Acq: 08 Feb 2024 19:22

Tgt Ion:152 Resp: 113075
Ion Ratio Lower Upper
152 100
115 58.4 27.1 81.3
150 155.7 0.0 353.6

