

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078388.D
 Acq On : 09 Feb 2024 16:31
 Operator : RP/MD
 Sample : P1394-03RE
 Misc : 4.77G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3(4-5)RE

Quant Time: Feb 09 23:02:01 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	95463	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	219846	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	240744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57749	48.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.740%
35) Dibromofluoromethane	7.804	113	70572	45.090	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.180%
50) Toluene-d8	10.269	98	291887	49.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.569	95	97777	55.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	110.200%

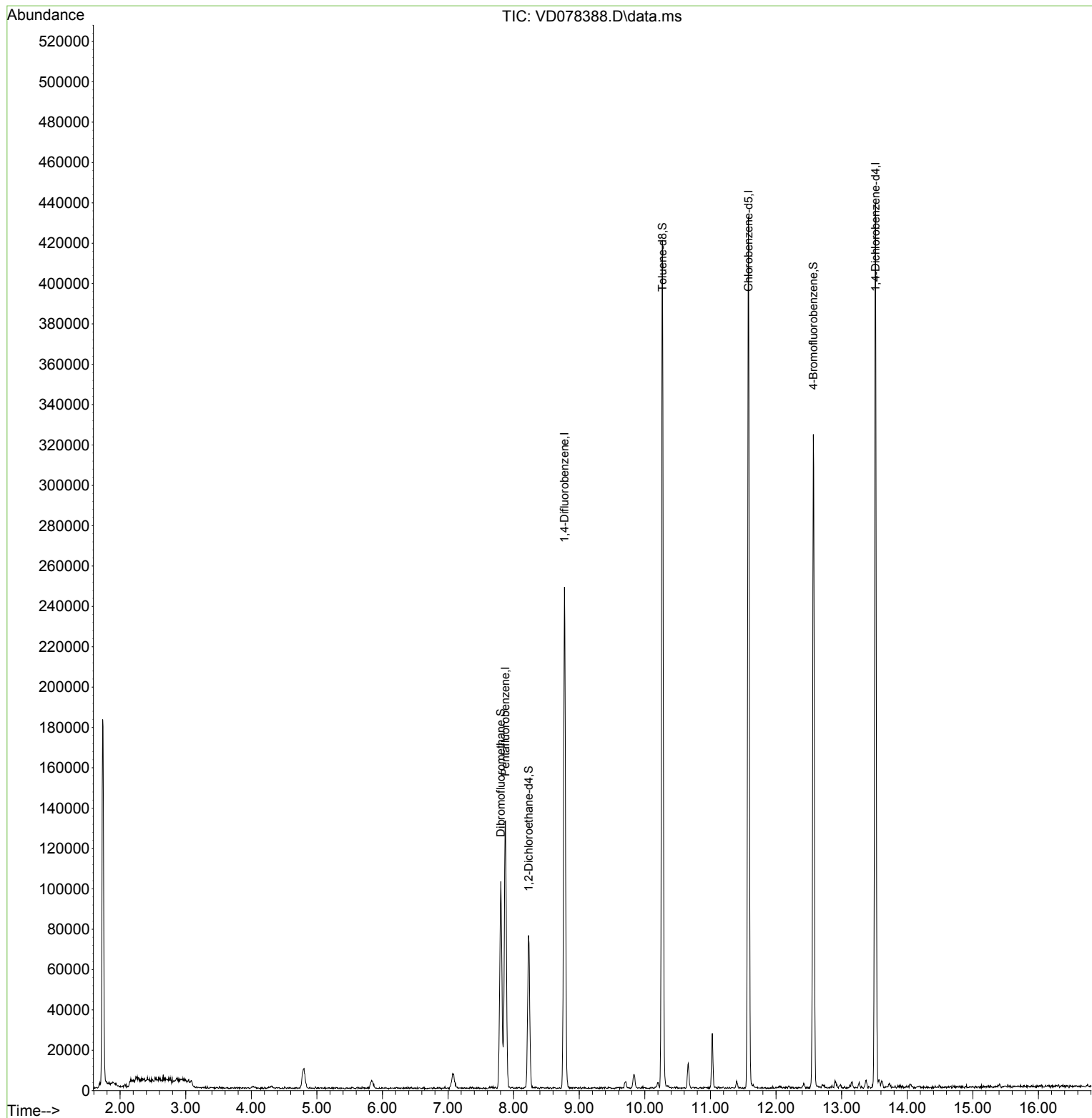
Target Compounds	Qvalue

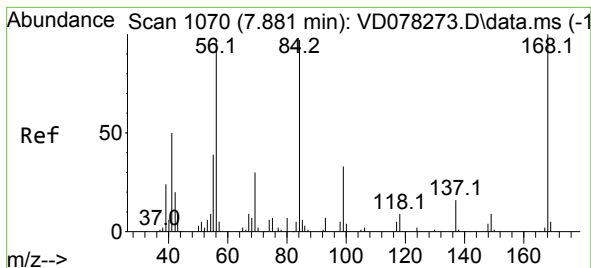
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078388.D

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Instrument :

MSVOA_D

ClientSampleId :

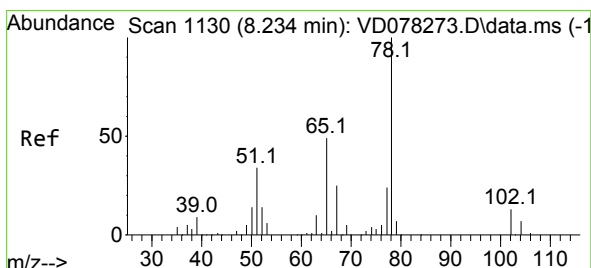
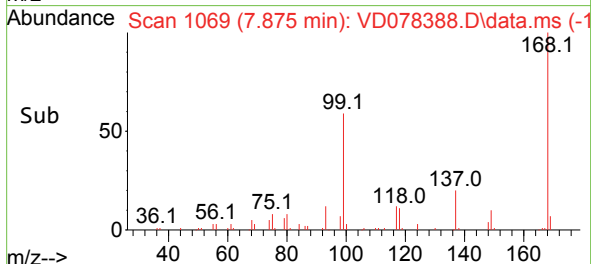
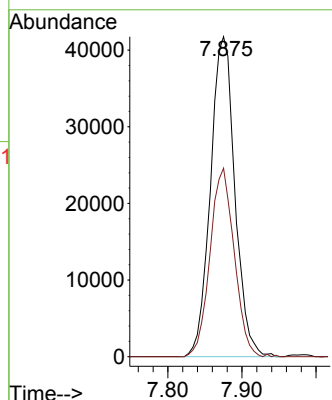
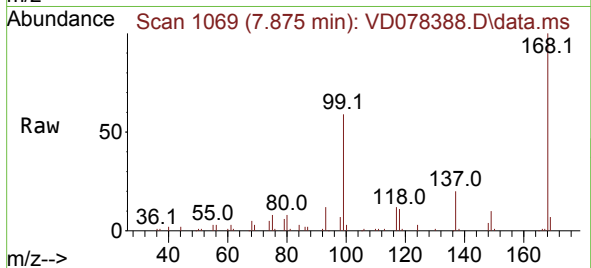
SB-3(4-5)RE

Tgt Ion:168 Resp: 95463

Ion Ratio Lower Upper

168 100

99 58.9 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 48.867 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078388.D

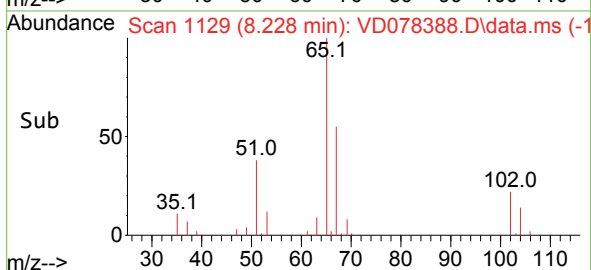
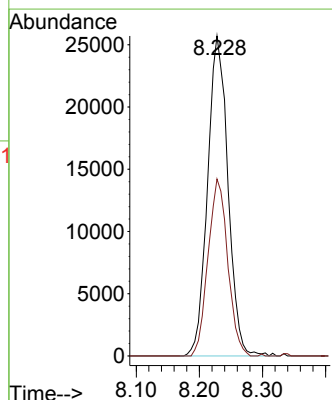
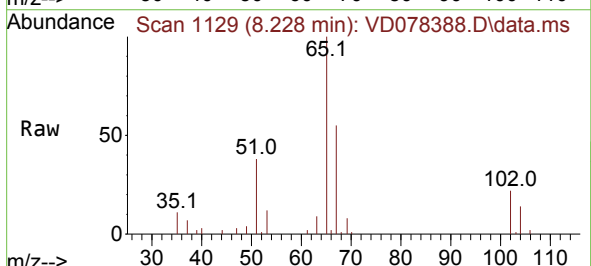
Acq: 09 Feb 2024 16:31

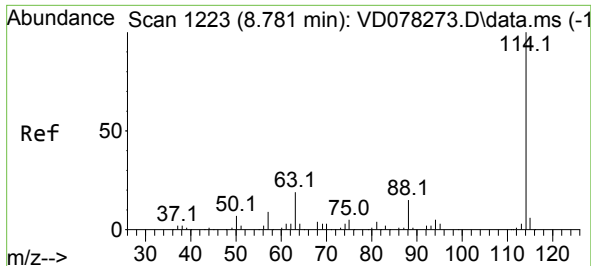
Tgt Ion: 65 Resp: 57749

Ion Ratio Lower Upper

65 100

67 53.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

SB-3(4-5)RE

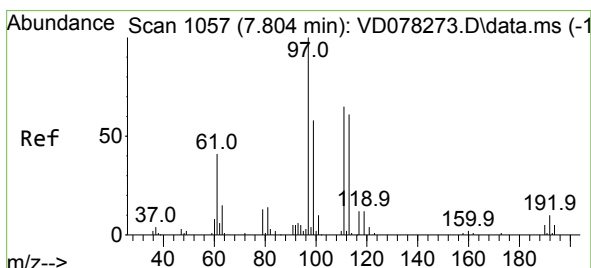
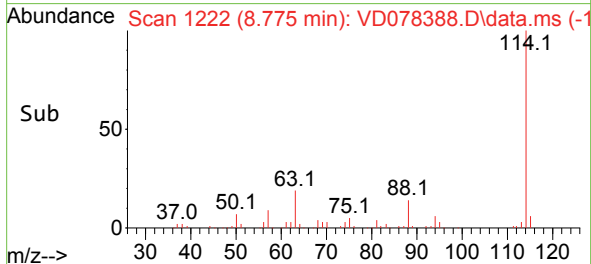
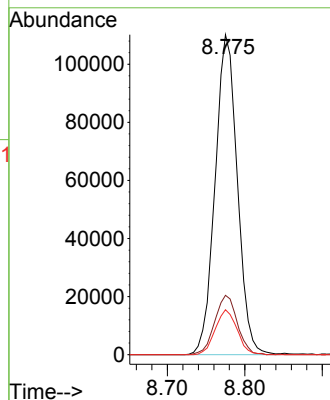
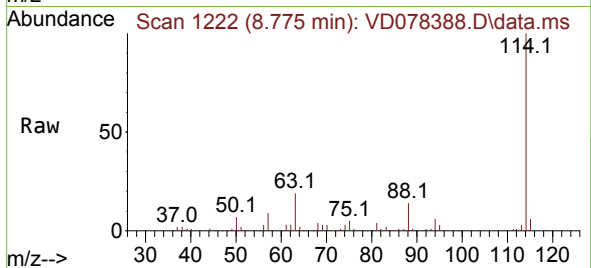
Tgt Ion:114 Resp: 219846

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 14.1 0.0 26.2



#35

Dibromofluoromethane

Concen: 45.090 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078388.D

Acq: 09 Feb 2024 16:31

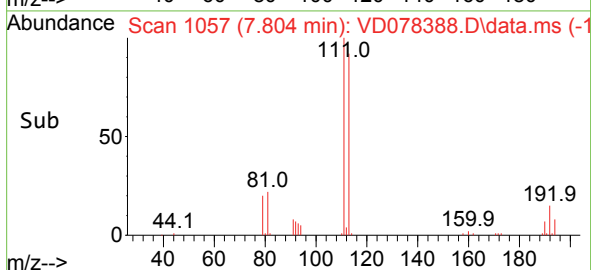
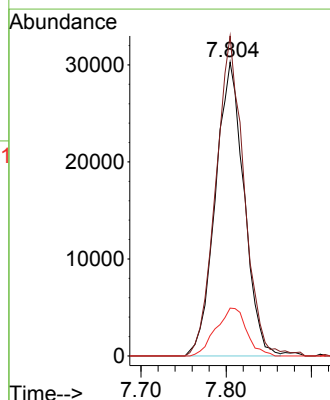
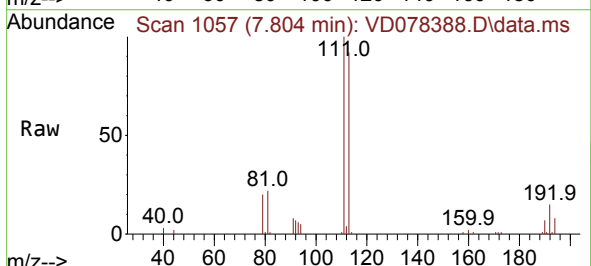
Tgt Ion:113 Resp: 70572

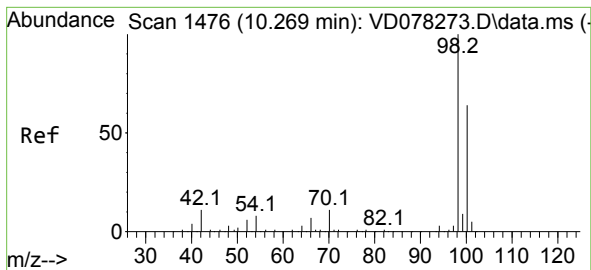
Ion Ratio Lower Upper

113 100

111 107.4 84.7 127.1

192 17.4 16.8 25.2

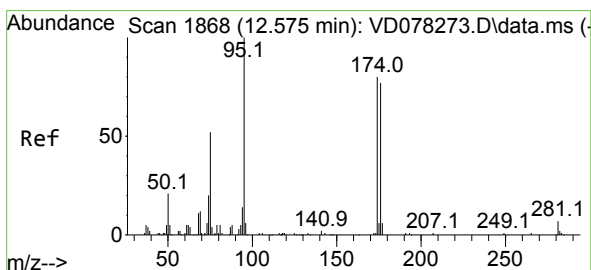
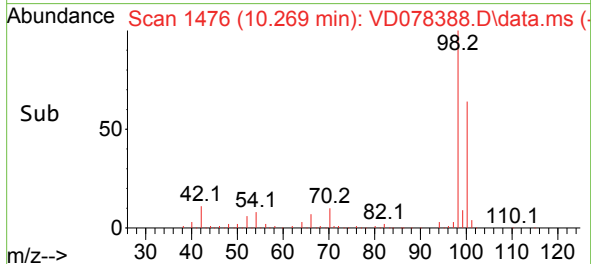
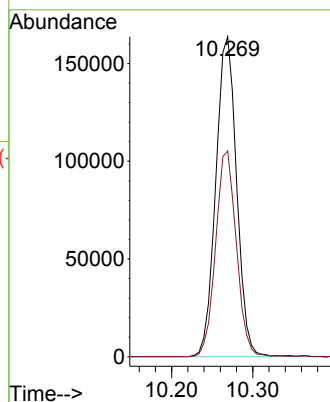
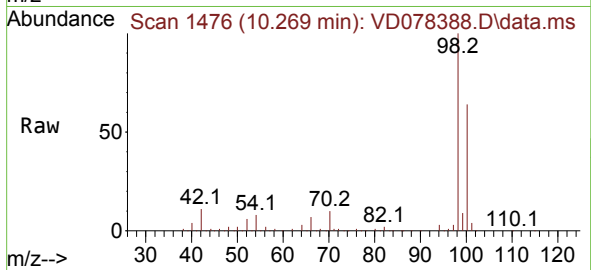




#50
Toluene-d8
Concen: 49.258 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

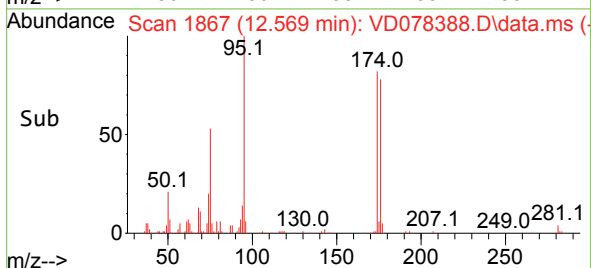
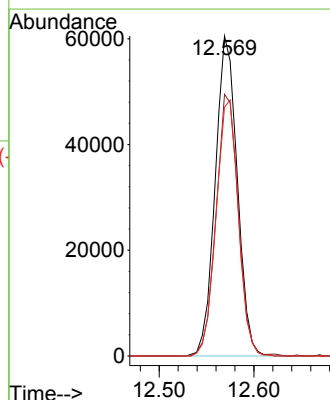
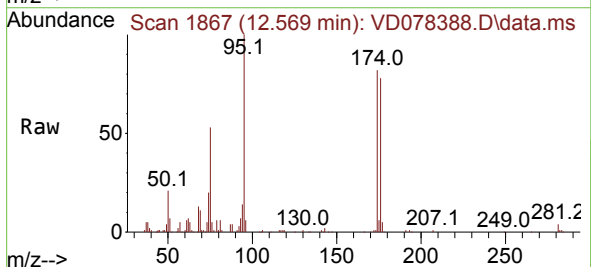
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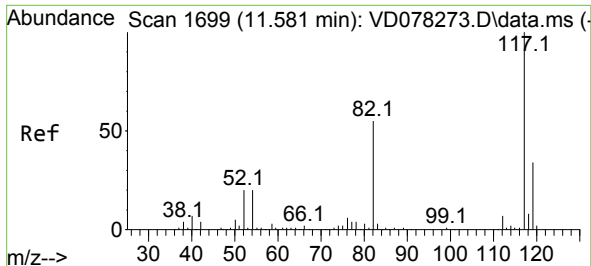
Tgt Ion: 98 Resp: 291887
Ion Ratio Lower Upper
98 100
100 64.0 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.099 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion: 95 Resp: 97777
Ion Ratio Lower Upper
95 100
174 82.4 0.0 201.8
176 80.7 0.0 191.8

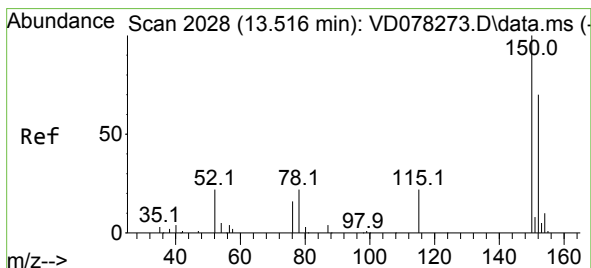
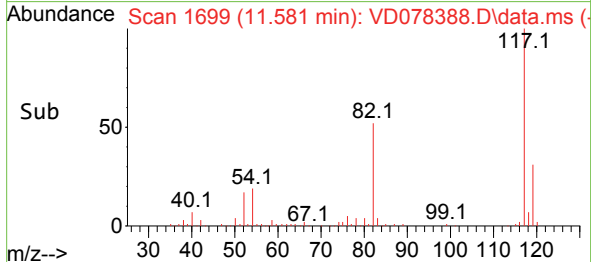
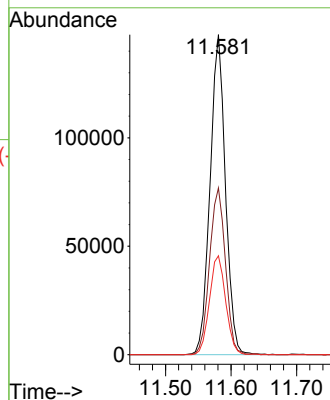
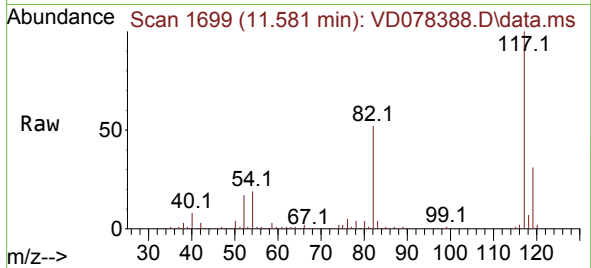




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :
SB-3(4-5)RE

Tgt Ion:117 Resp: 240744
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 30.9 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078388.D
Acq: 09 Feb 2024 16:31

Tgt Ion:152 Resp: 111127
Ion Ratio Lower Upper
152 100
115 60.6 27.1 81.3
150 159.1 0.0 353.6

