

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020924\
 Data File : VD078389.D
 Acq On : 09 Feb 2024 16:59
 Operator : RP/MD
 Sample : P1394-04RE
 Misc : 3.91G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4(5-6)RE

Quant Time: Feb 09 23:02:26 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	95748	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	215552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	243173	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	59709	50.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.740%	
35) Dibromofluoromethane	7.804	113	71885	46.844	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.680%	
50) Toluene-d8	10.269	98	285460	49.133	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.260%	
62) 4-Bromofluorobenzene	12.569	95	99206	57.017	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.040%	

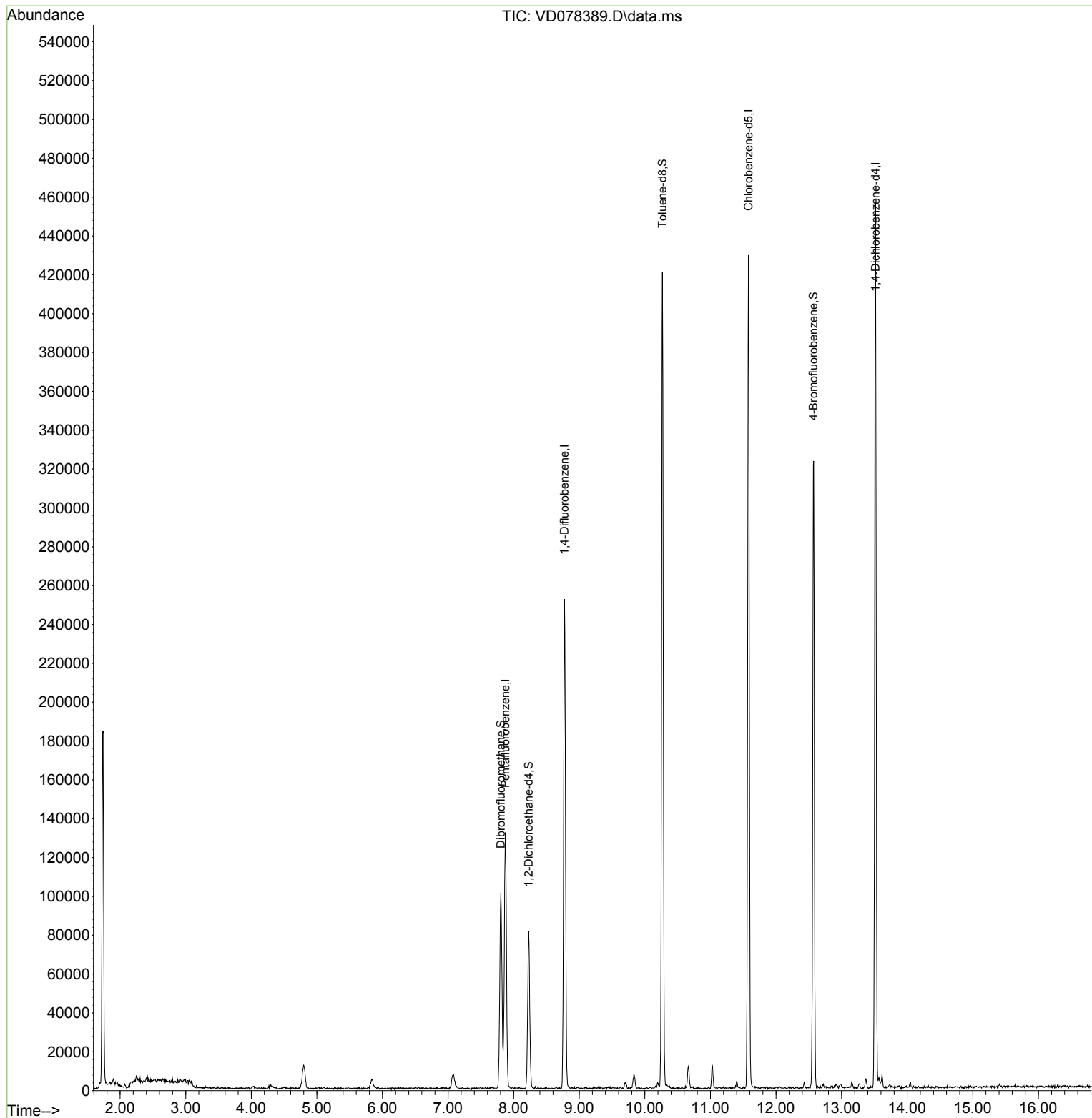
Target Compounds	Qvalue

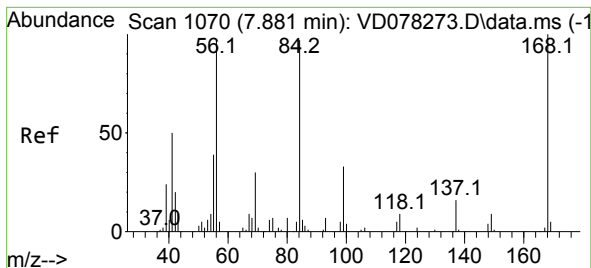
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD078389.D

Acq: 09 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

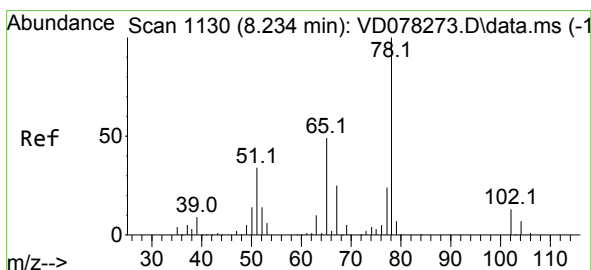
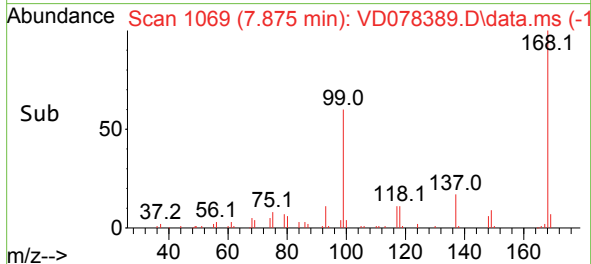
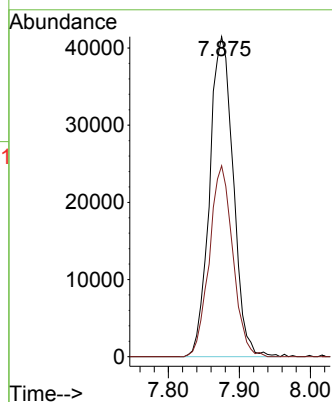
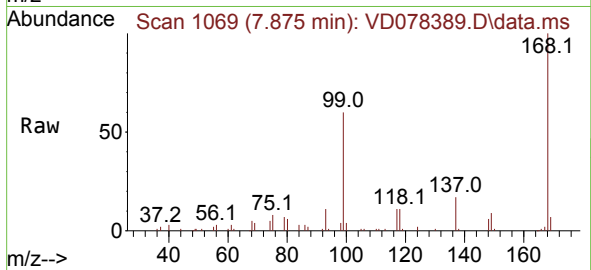
SB-4(5-6)RE

Tgt Ion:168 Resp: 95748

Ion Ratio Lower Upper

168 100

99 59.6 36.7 55.1#



#33

1,2-Dichloroethane-d4

Concen: 50.375 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078389.D

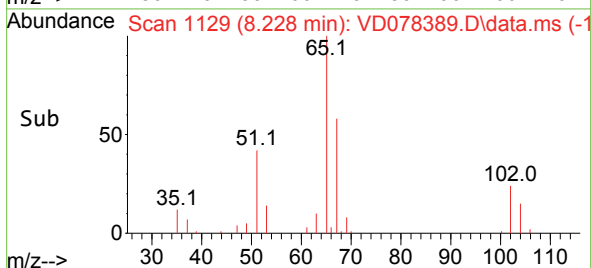
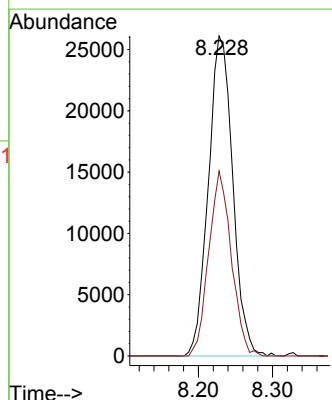
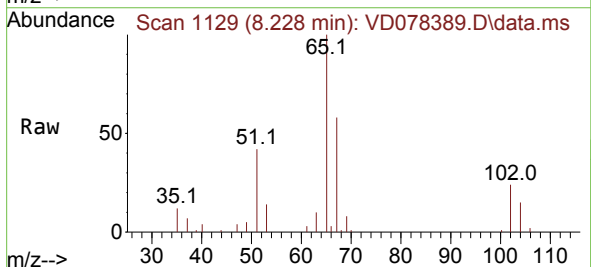
Acq: 09 Feb 2024 16:59

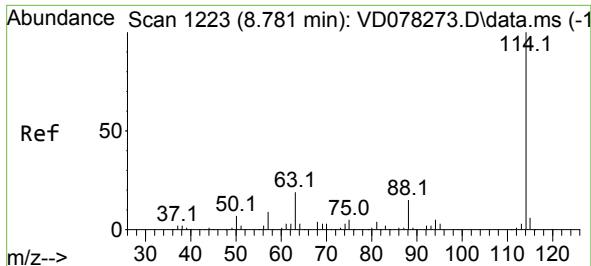
Tgt Ion: 65 Resp: 59709

Ion Ratio Lower Upper

65 100

67 53.5 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: VD078389.D

Acq: 09 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

SB-4(5-6)RE

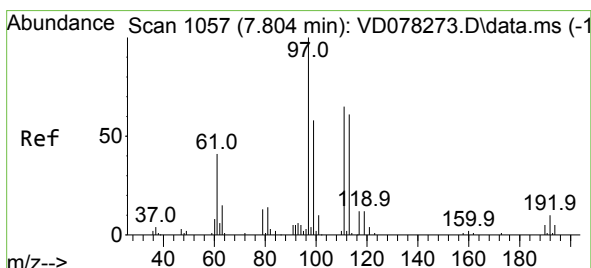
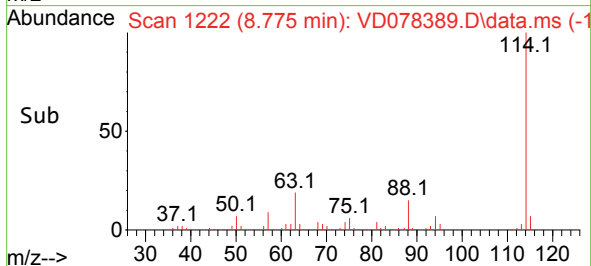
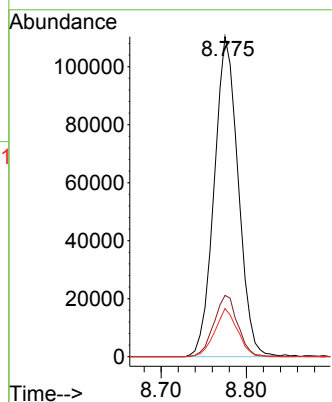
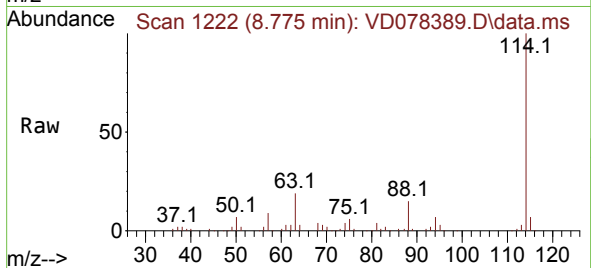
Tgt Ion:114 Resp: 215552

Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 15.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 46.844 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078389.D

Acq: 09 Feb 2024 16:59

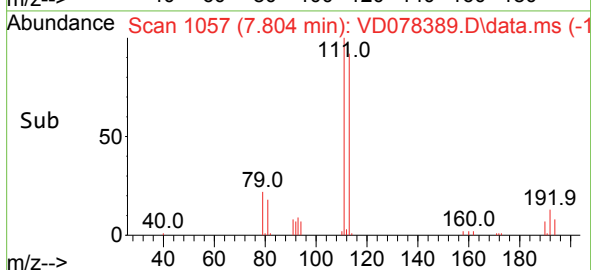
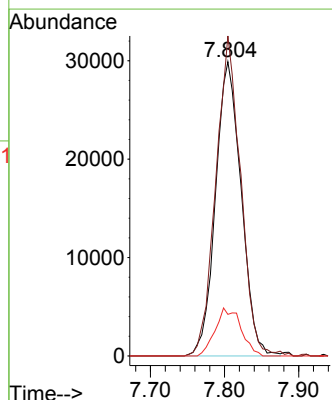
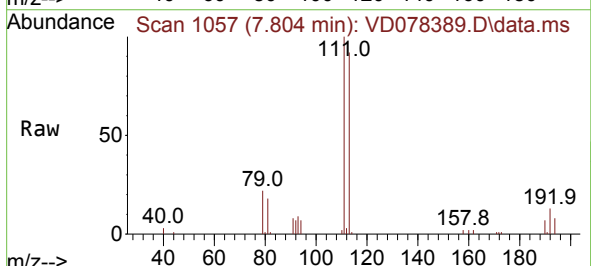
Tgt Ion:113 Resp: 71885

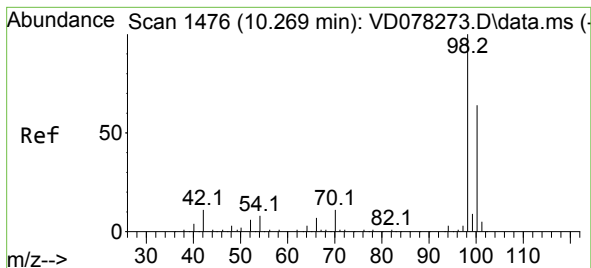
Ion Ratio Lower Upper

113 100

111 105.5 84.7 127.1

192 16.4 16.8 25.2#





#50

Toluene-d8

Concen: 49.133 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078389.D

Acq: 09 Feb 2024 16:59

Instrument :

MSVOA_D

ClientSampleId :

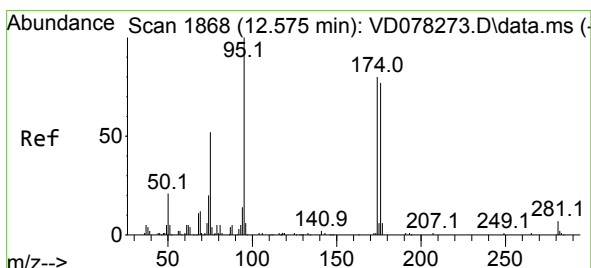
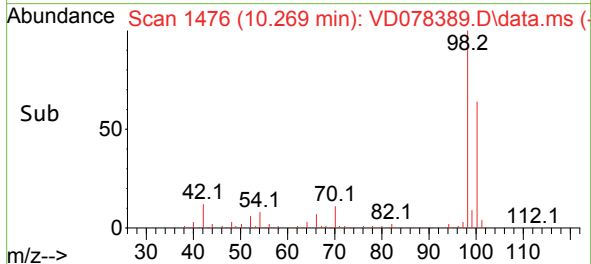
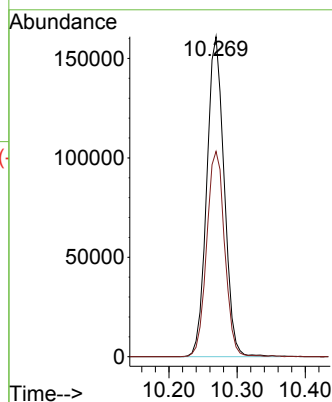
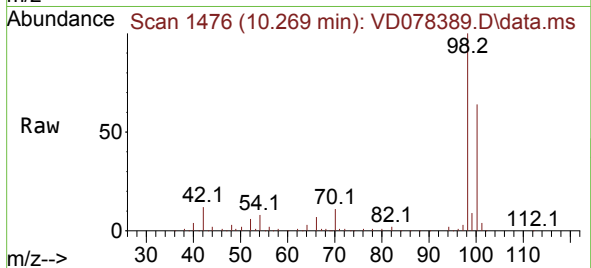
SB-4(5-6)RE

Tgt Ion: 98 Resp: 285460

Ion Ratio Lower Upper

98 100

100 66.4 50.3 75.5



#62

4-Bromofluorobenzene

Concen: 57.017 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VD078389.D

Acq: 09 Feb 2024 16:59

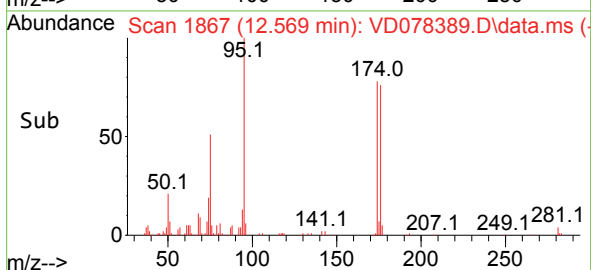
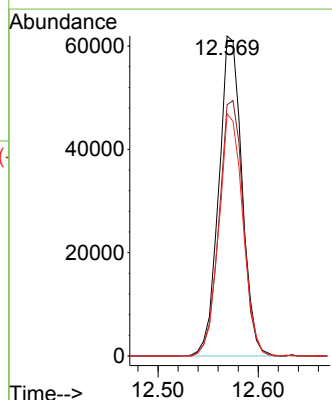
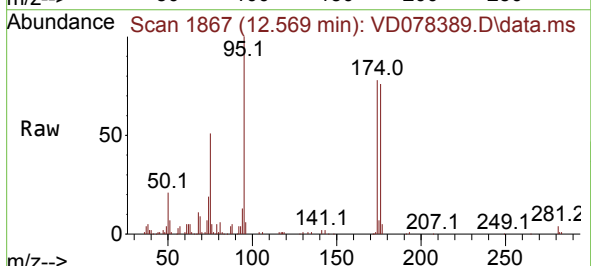
Tgt Ion: 95 Resp: 99206

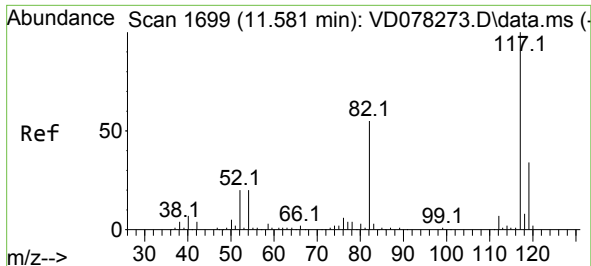
Ion Ratio Lower Upper

95 100

174 83.1 0.0 201.8

176 78.4 0.0 191.8

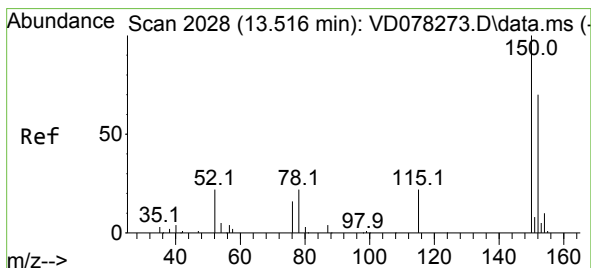
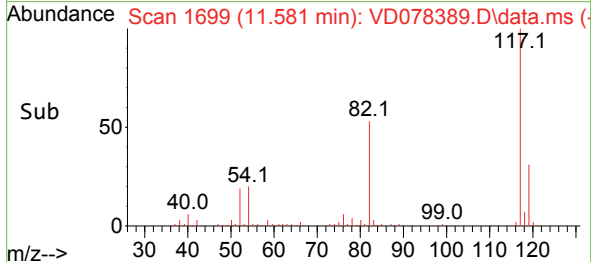
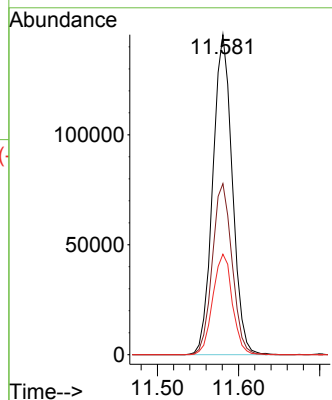
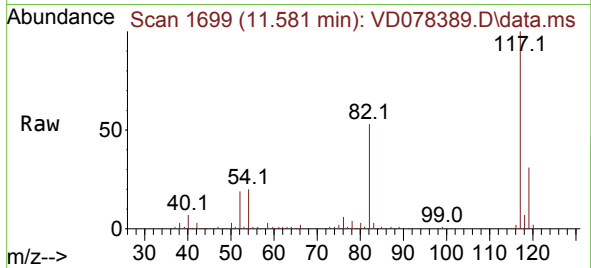




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078389.D
Acq: 09 Feb 2024 16:59

Instrument :
MSVOA_D
ClientSampleId :
SB-4(5-6)RE

Tgt Ion:117 Resp: 243173
Ion Ratio Lower Upper
117 100
82 53.4 38.3 57.5
119 31.4 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: VD078389.D
Acq: 09 Feb 2024 16:59

Tgt Ion:152 Resp: 114199
Ion Ratio Lower Upper
152 100
115 59.6 27.1 81.3
150 154.8 0.0 353.6

