

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073921.D
 Acq On : 02 Aug 2022 12:30
 Operator : VA/SY
 Sample : N3947-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NSB06-14-15

Quant Time: Aug 03 04:11:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	2987	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.850	114	5577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	4888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	2344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	2369	101.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 202.220%#	
35) Dibromofluoromethane	7.908	113	1623	46.839	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.680%	
50) Toluene-d8	10.326	98	5964	51.097	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.614	95	2197	51.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.360%	

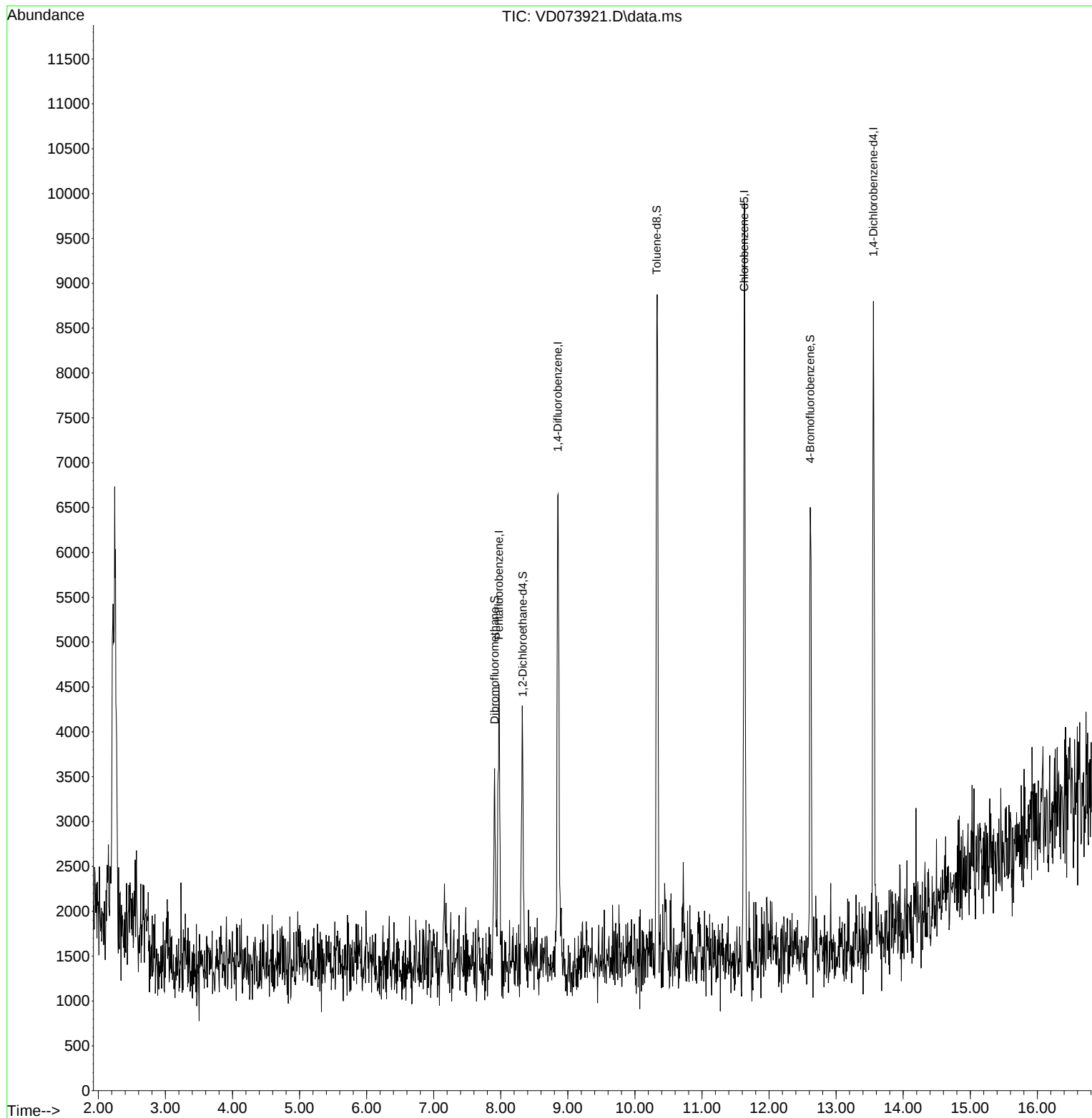
Target Compounds	Qvalue

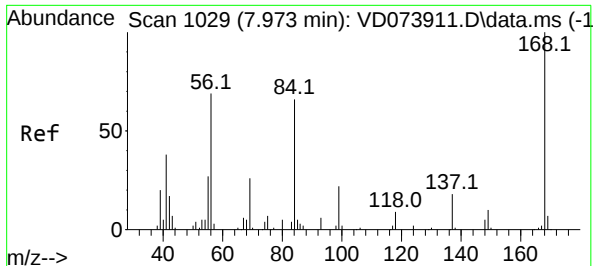
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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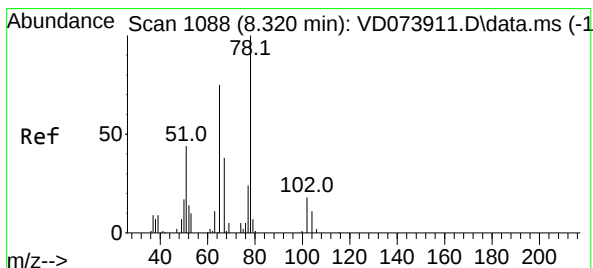
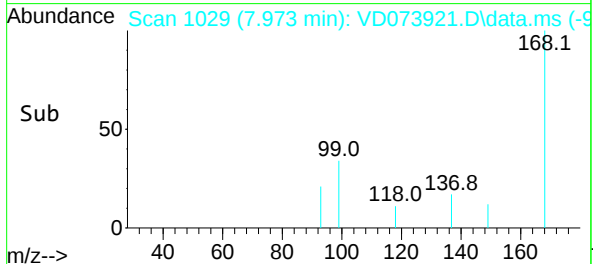
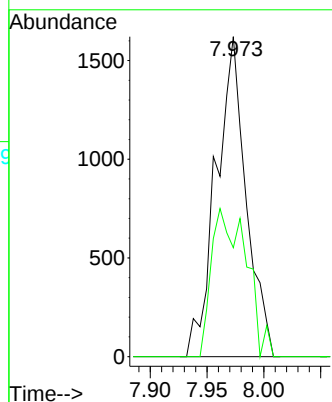
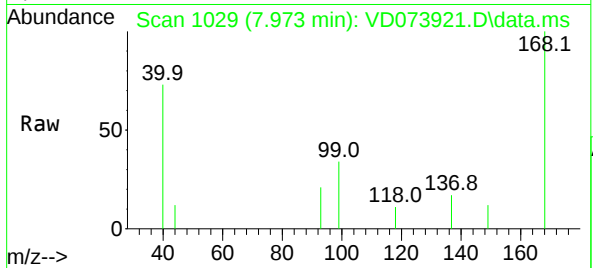




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

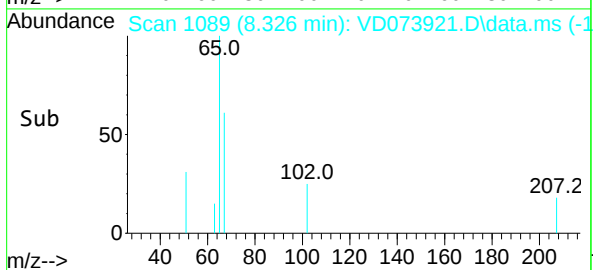
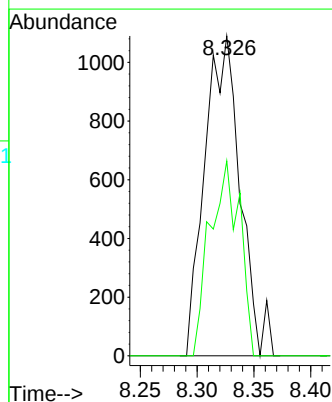
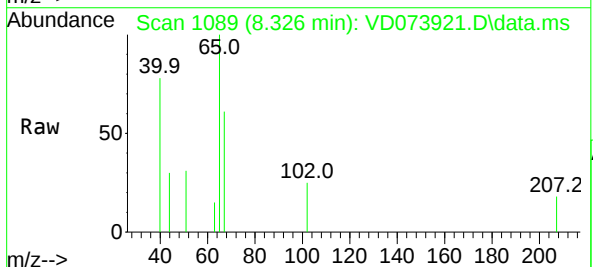
Instrument :
MSVOA_D
ClientSampleId :
NSB06-14-15

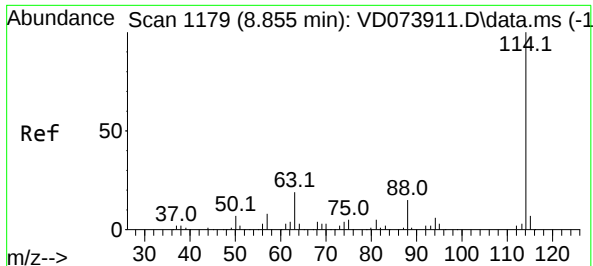
Tgt Ion:168 Resp: 2987
Ion Ratio Lower Upper
168 100
99 34.1 52.2 78.4#



#33
1,2-Dichloroethane-d4
Concen: 101.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

Tgt Ion: 65 Resp: 2369
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.850 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073921.D

Acq: 02 Aug 2022 12:30

Instrument :

MSVOA_D

ClientSampleId :

NSB06-14-15

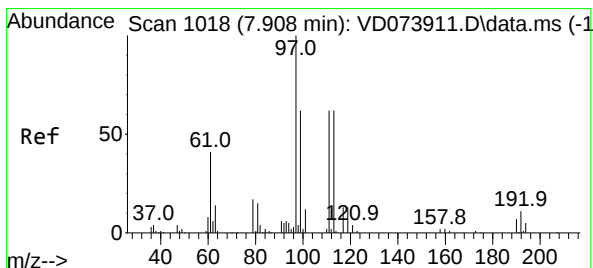
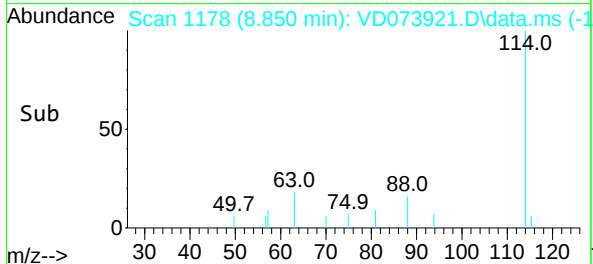
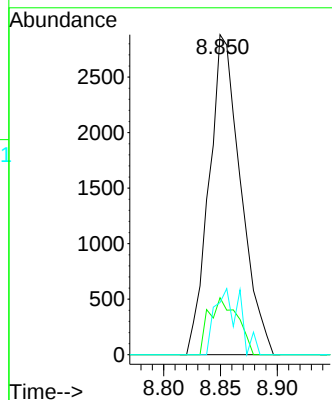
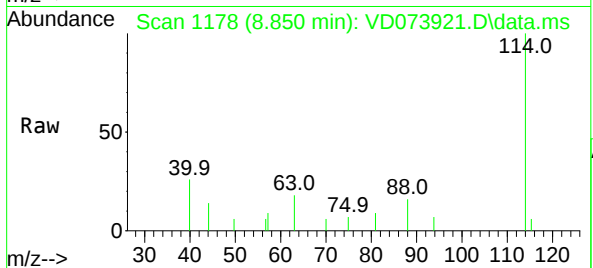
Tgt Ion:114 Resp: 5577

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.6

88 16.3 0.0 30.2



#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073921.D

Acq: 02 Aug 2022 12:30

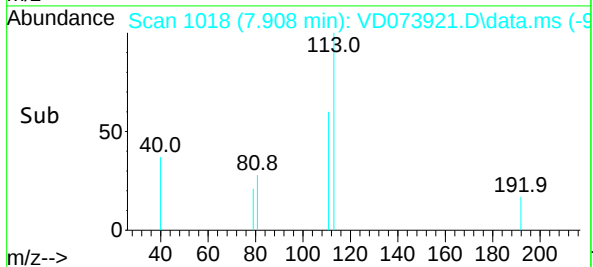
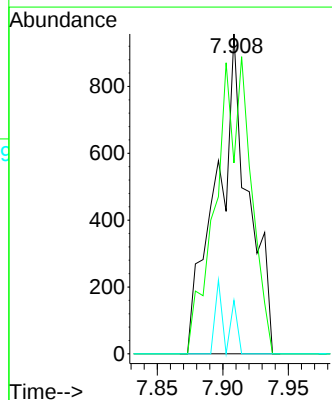
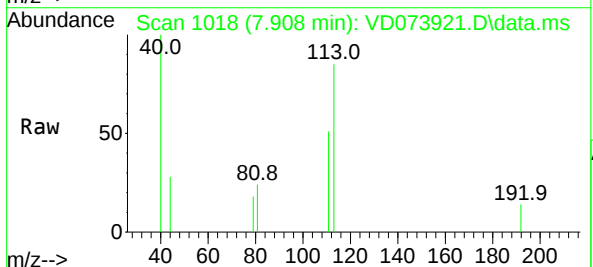
Tgt Ion:113 Resp: 1623

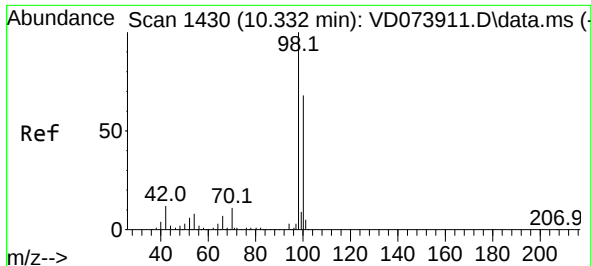
Ion Ratio Lower Upper

113 100

111 100.4 83.7 125.5

192 8.3 15.0 22.6#

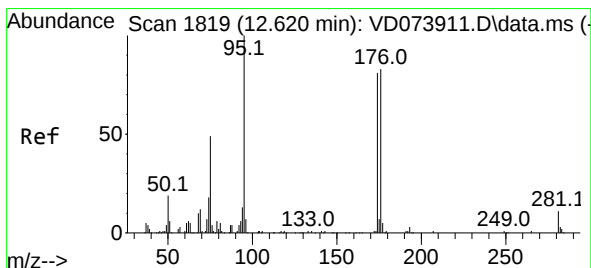
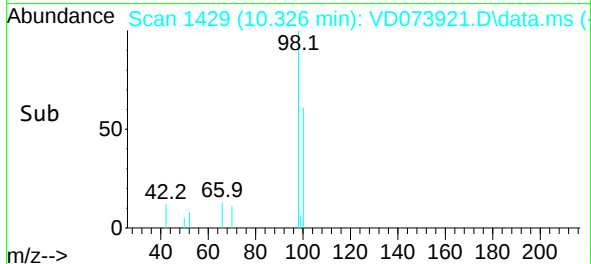
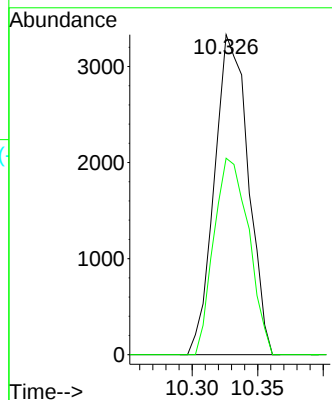
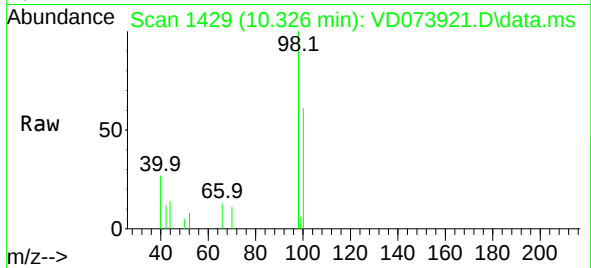




#50
Toluene-d8
Concen: 51.097 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

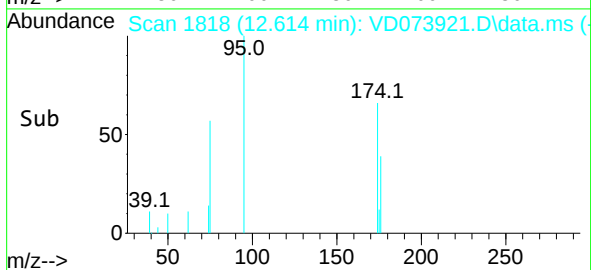
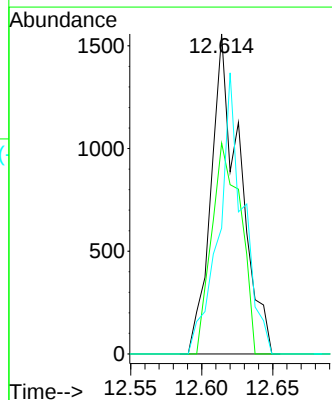
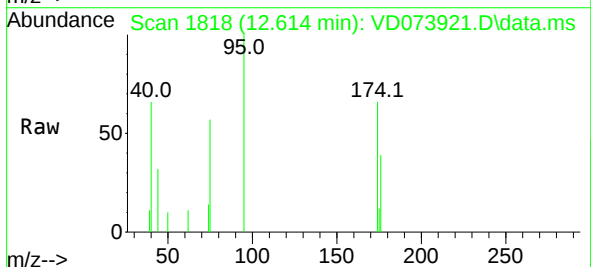
Instrument :
MSVOA_D
ClientSampleId :
NSB06-14-15

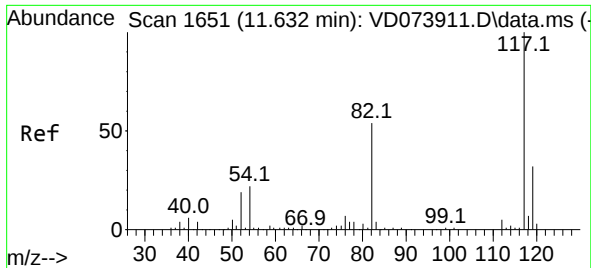
Tgt Ion: 98 Resp: 5964
Ion Ratio Lower Upper
98 100
100 63.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.185 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

Tgt Ion: 95 Resp: 2197
Ion Ratio Lower Upper
95 100
174 66.1 0.0 164.2
176 74.6 0.0 161.4

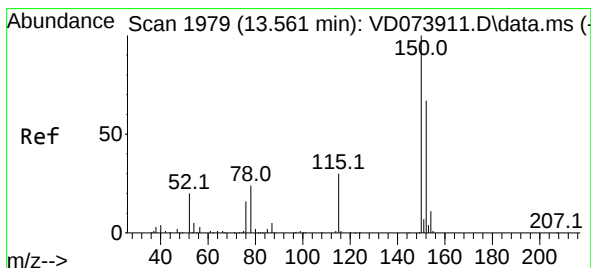
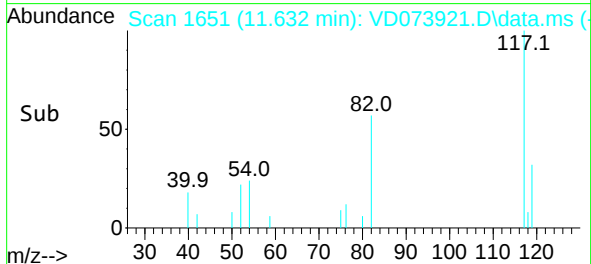
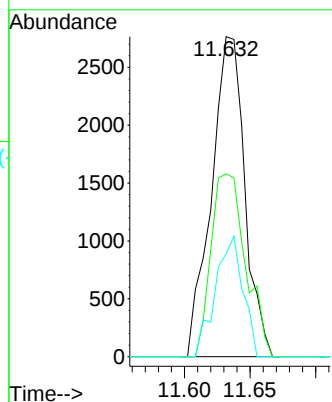
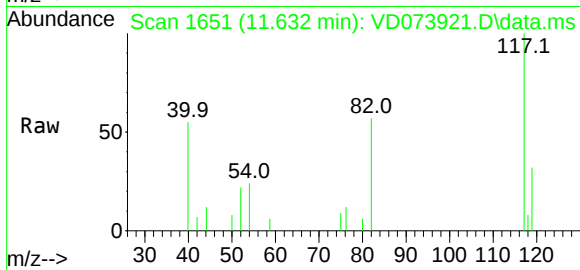




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

Instrument :
MSVOA_D
ClientSampleId :
NSB06-14-15

Tgt Ion:	117	Resp:	4888
Ion	Ratio	Lower	Upper
117	100		
82	57.1	43.3	64.9
119	32.2	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073921.D
Acq: 02 Aug 2022 12:30

Tgt Ion:	152	Resp:	2344
Ion	Ratio	Lower	Upper
152	100		
115	43.6	29.1	87.3
150	147.0	0.0	338.2

