

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032123\
 Data File : VN077084.D
 Acq On : 21 Mar 2023 11:53
 Operator : JC\MD
 Sample : VN0321WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL01

Quant Time: Mar 21 23:13:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	412905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	747375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	638359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	230585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	303620	46.035	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.060%
35) Dibromofluoromethane	8.172	113	236545	45.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.380%
50) Toluene-d8	10.572	98	885373	47.355	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.720%
62) 4-Bromofluorobenzene	12.848	95	280706	42.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.980%

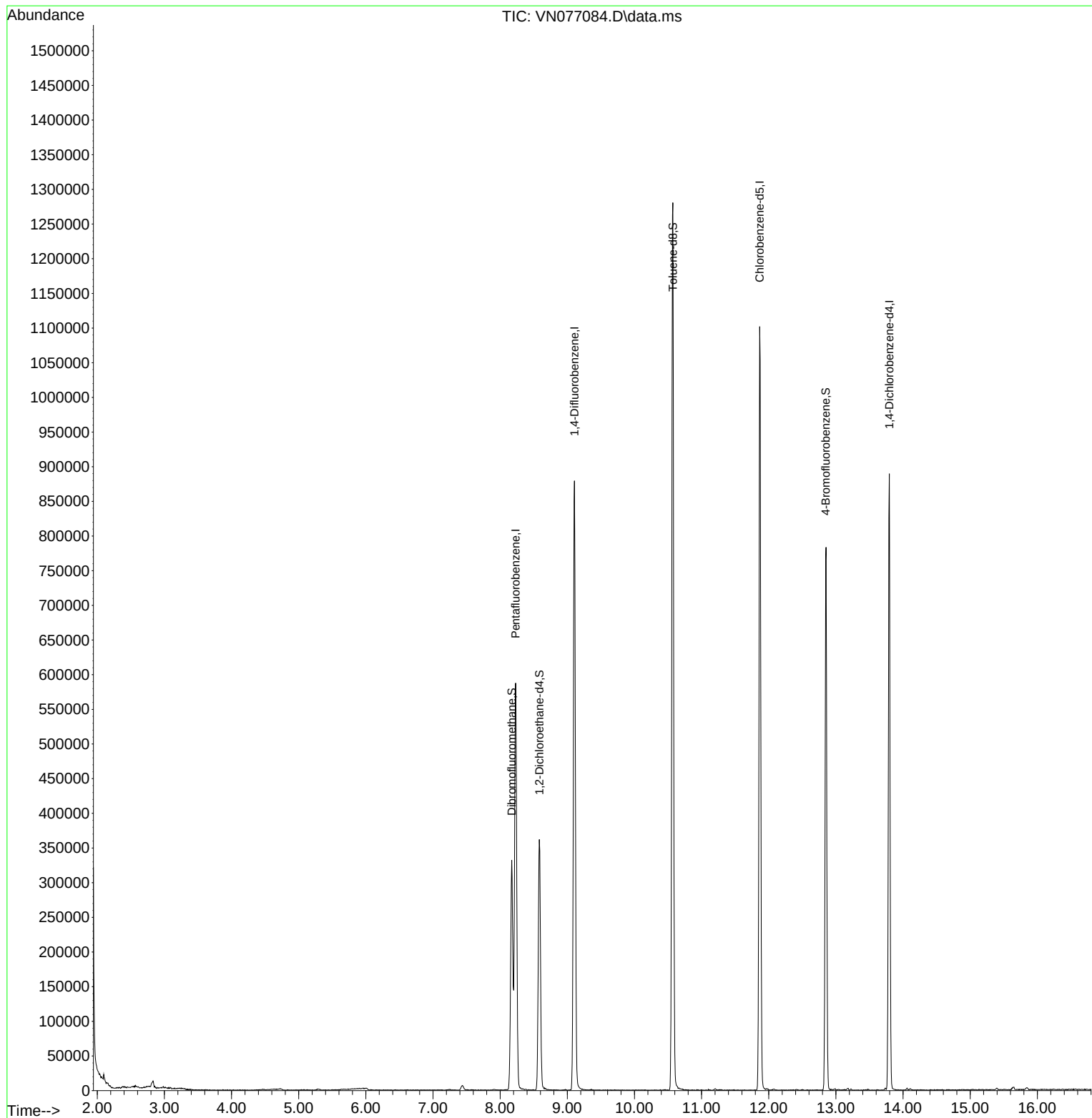
Target Compounds	Qvalue

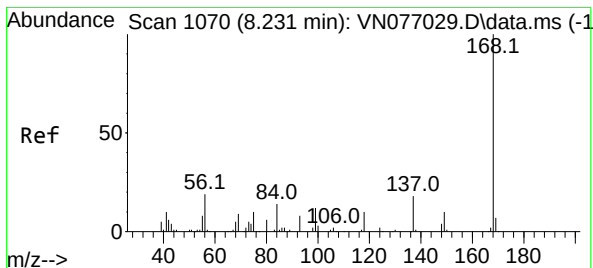
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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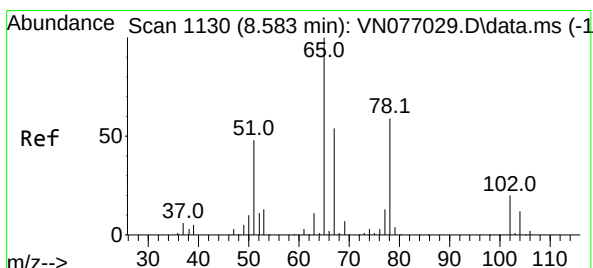
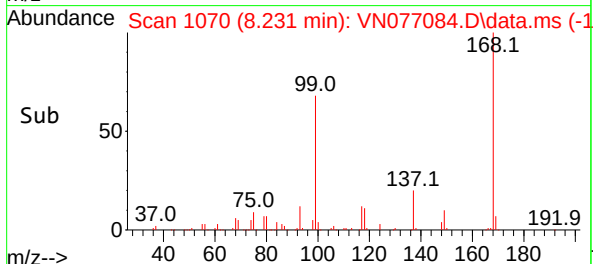
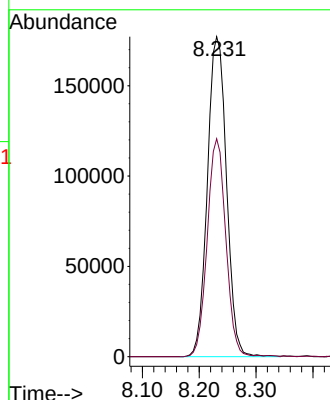
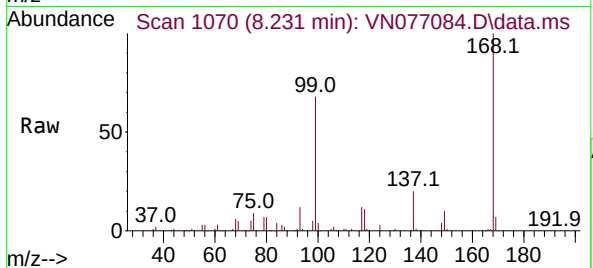




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

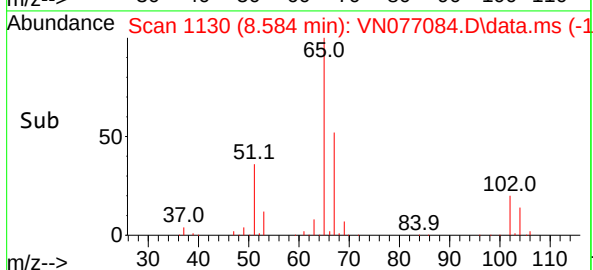
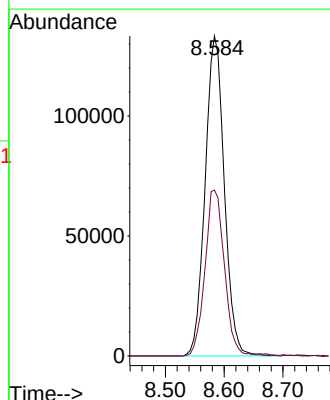
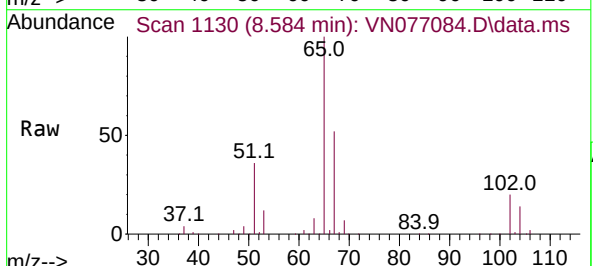
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

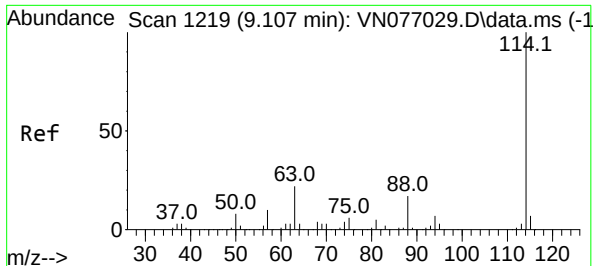
Tgt Ion:168 Resp: 412905
Ion Ratio Lower Upper
168 100
99 68.1 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 46.035 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 65 Resp: 303620
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077084.D

Acq: 21 Mar 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

VN0321WBL01

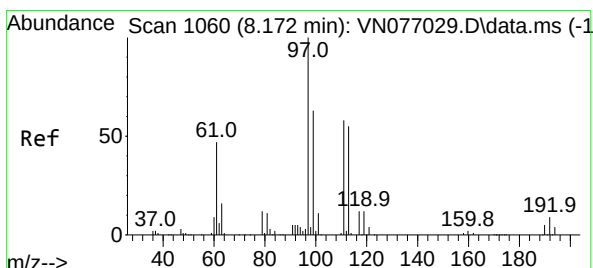
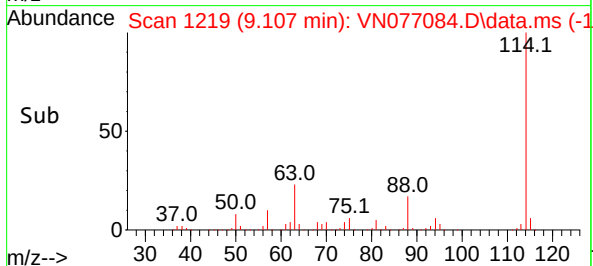
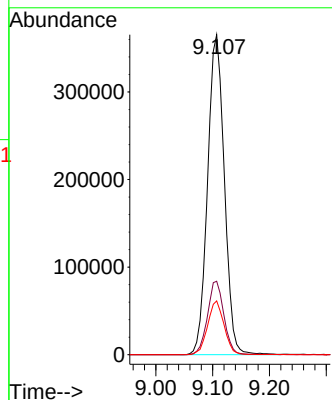
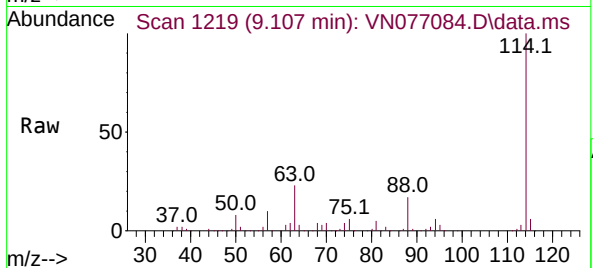
Tgt Ion:114 Resp: 747375

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.6

88 16.8 0.0 33.8



#35

Dibromofluoromethane

Concen: 45.194 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077084.D

Acq: 21 Mar 2023 11:53

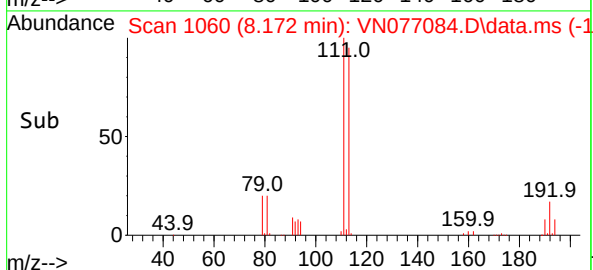
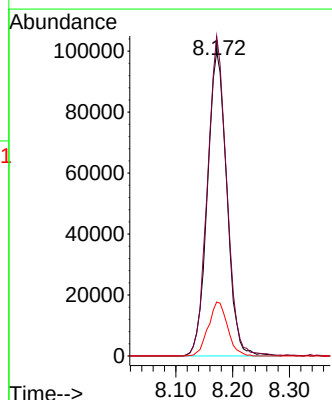
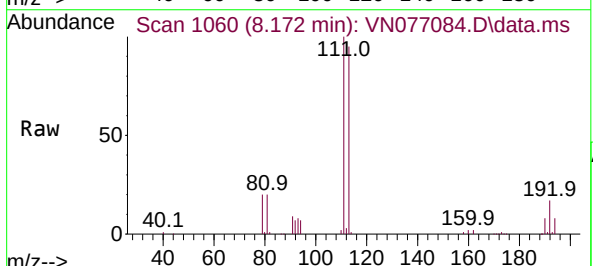
Tgt Ion:113 Resp: 236545

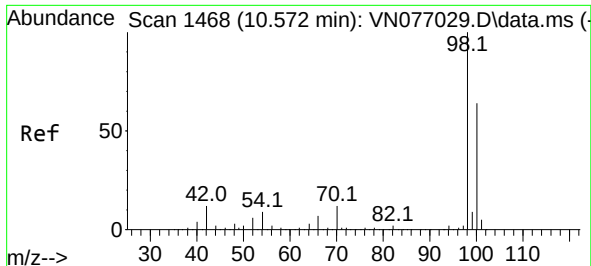
Ion Ratio Lower Upper

113 100

111 104.0 82.2 123.2

192 17.6 13.0 19.6

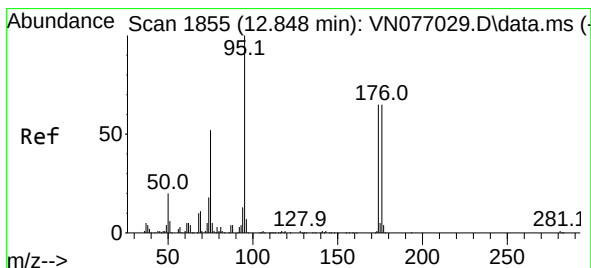
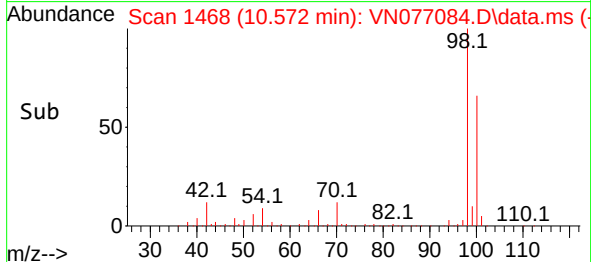
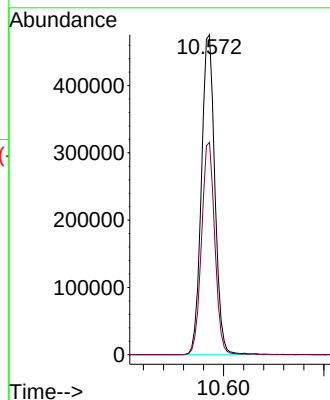
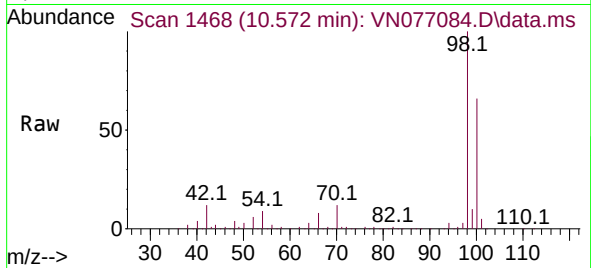




#50
Toluene-d8
Concen: 47.355 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

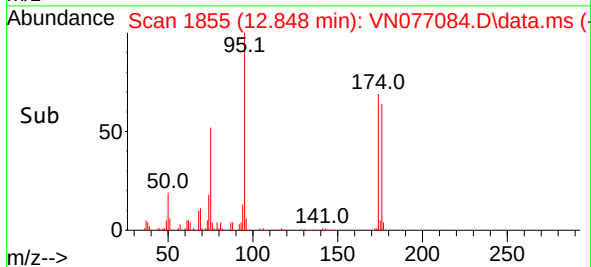
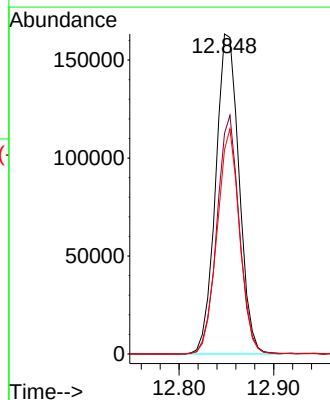
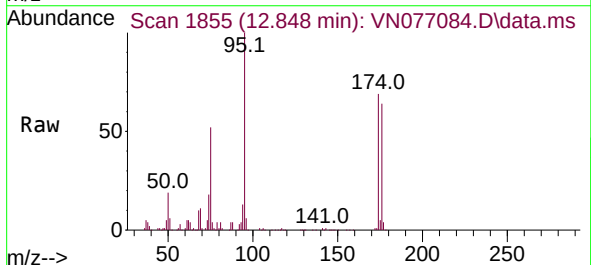
Instrument :
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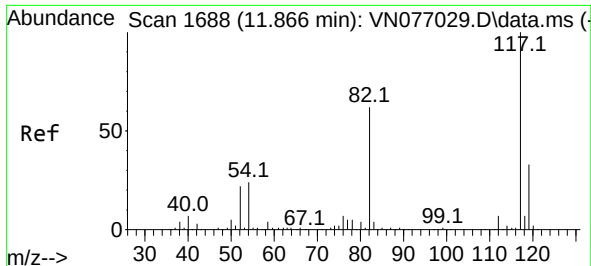
Tgt Ion: 98 Resp: 885373
Ion Ratio Lower Upper
98 100
100 65.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.488 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion: 95 Resp: 280706
Ion Ratio Lower Upper
95 100
174 71.2 0.0 136.6
176 67.6 0.0 130.0

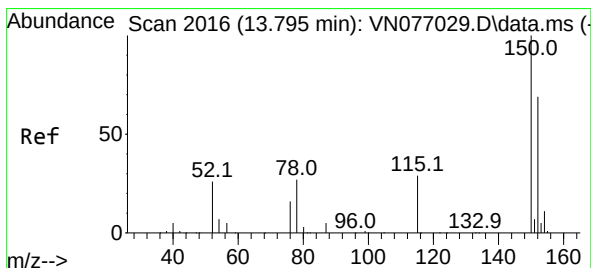
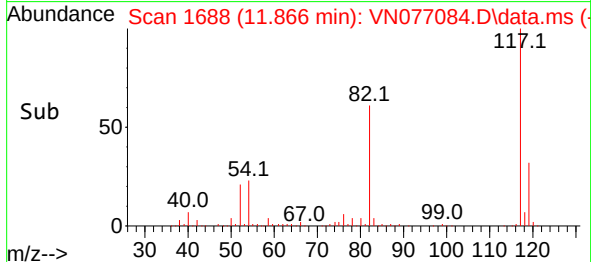
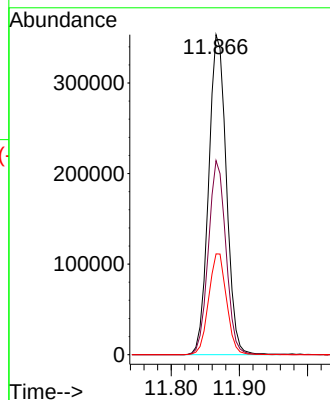
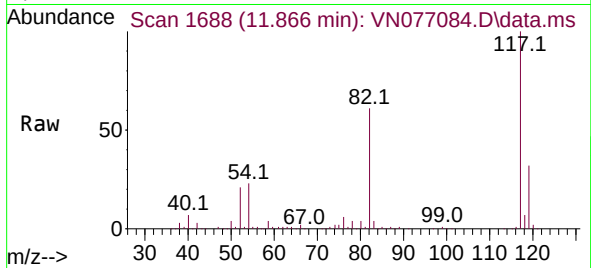




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

Tgt Ion:117 Resp: 638359
Ion Ratio Lower Upper
117 100
82 60.7 49.4 74.0
119 31.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077084.D
Acq: 21 Mar 2023 11:53

Tgt Ion:152 Resp: 230585
Ion Ratio Lower Upper
152 100
115 64.5 31.9 95.7
150 160.4 0.0 348.0

