

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077068.D
 Acq On : 20 Mar 2023 15:05
 Operator : JC\MD
 Sample : 01904-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE117D2-20230313

Quant Time: Mar 21 05:36:47 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	385005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	691909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	600162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212755	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	290650	47.262	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.520%
35) Dibromofluoromethane	8.172	113	225491	46.536	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.080%
50) Toluene-d8	10.572	98	844261	48.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.560%
62) 4-Bromofluorobenzene	12.854	95	270172	44.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.340%

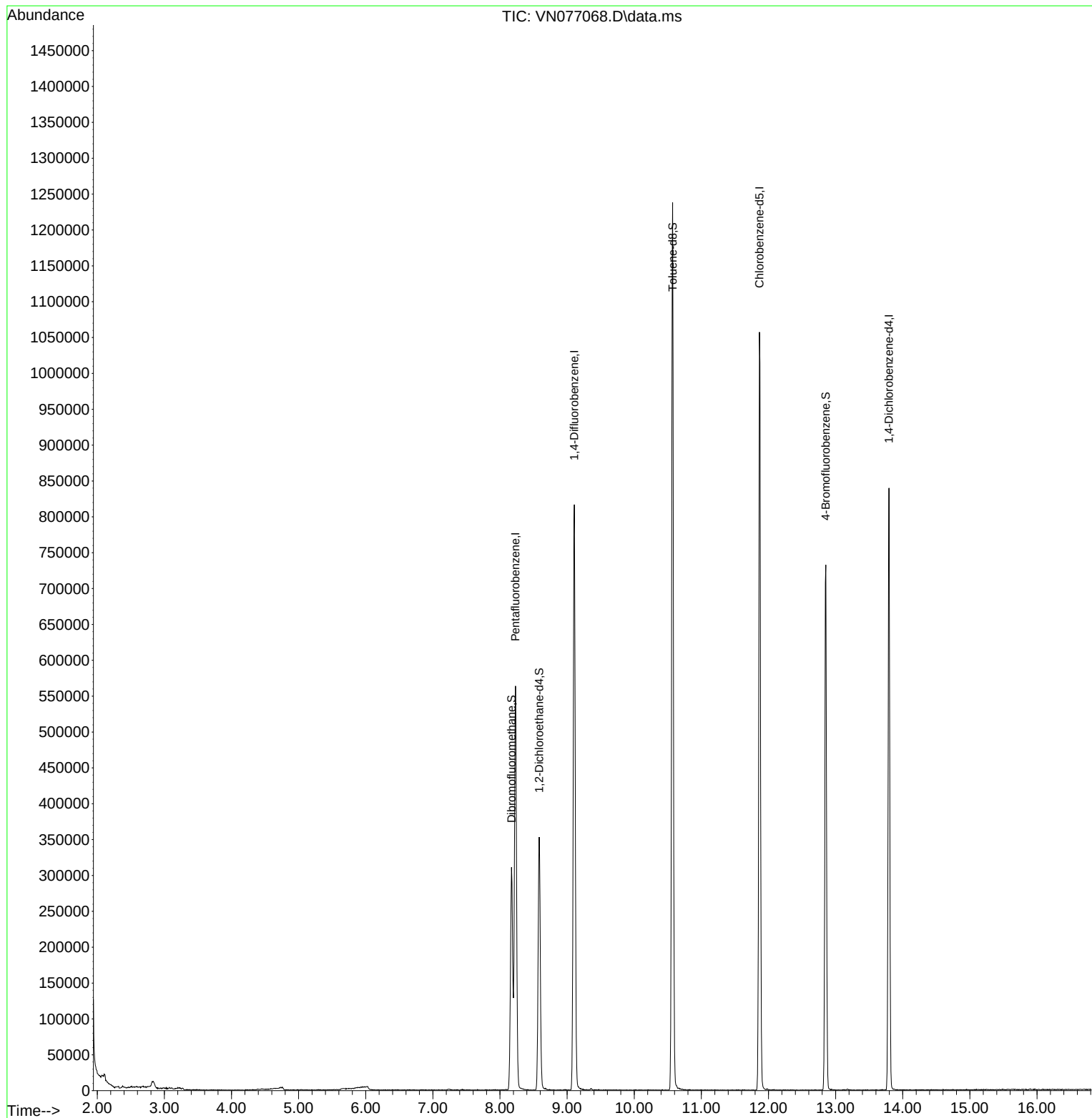
Target Compounds	Qvalue

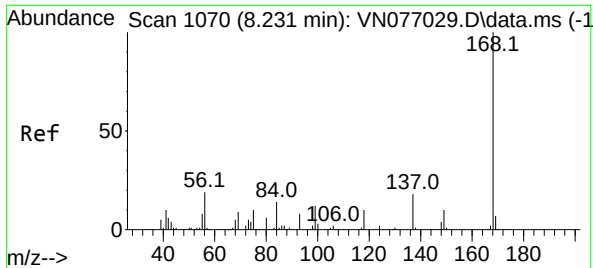
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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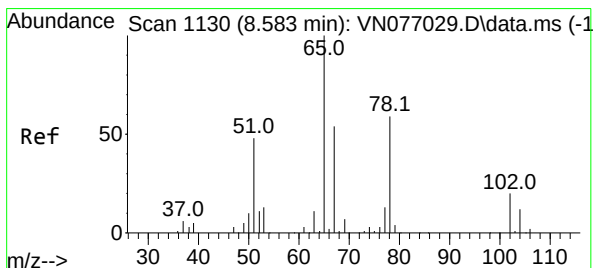
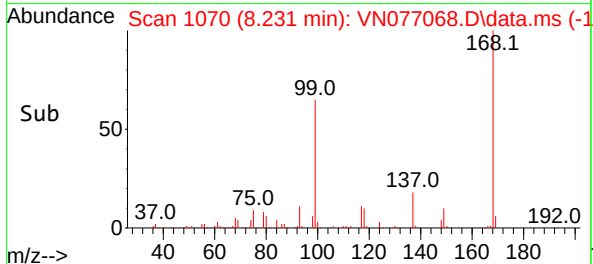
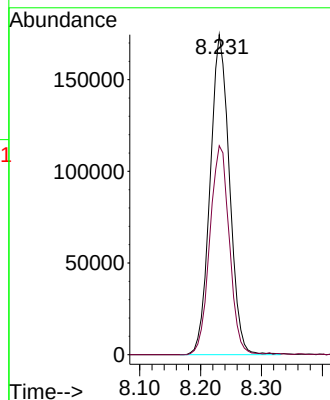
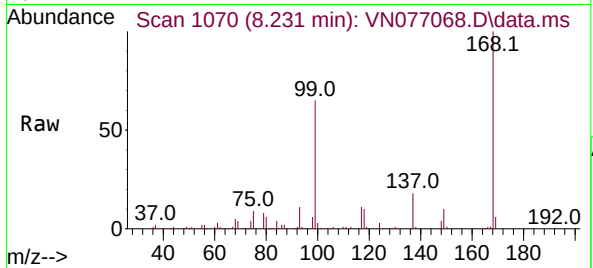




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

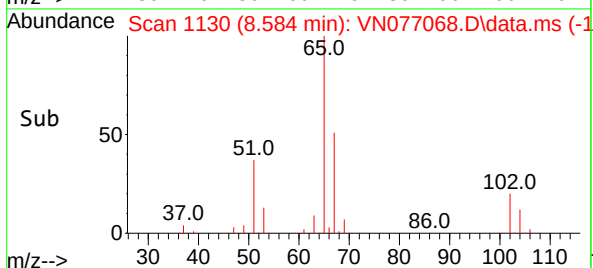
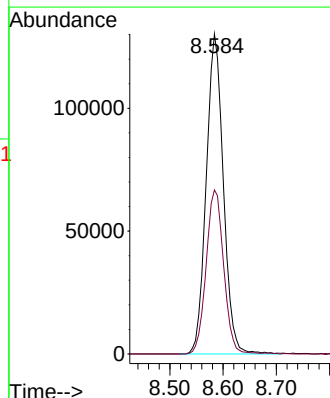
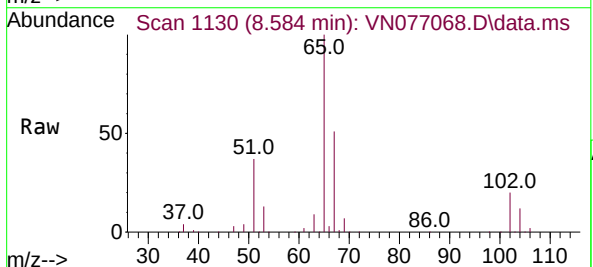
Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

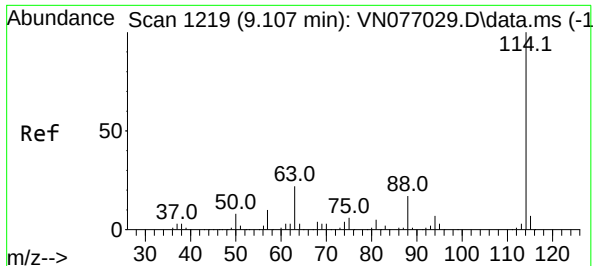
Tgt Ion:168 Resp: 385005
Ion Ratio Lower Upper
168 100
99 65.3 53.9 80.9



#33
1,2-Dichloroethane-d4
Concen: 47.262 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 65 Resp: 290650
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: VN077068.D

Acq: 20 Mar 2023 15:05

Instrument :

MSVOA_N

ClientSampleId :

RE117D2-20230313

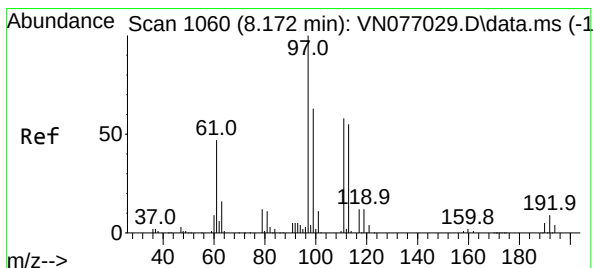
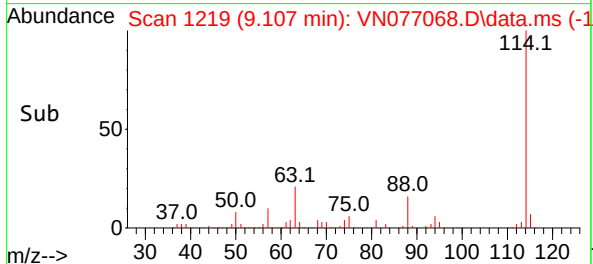
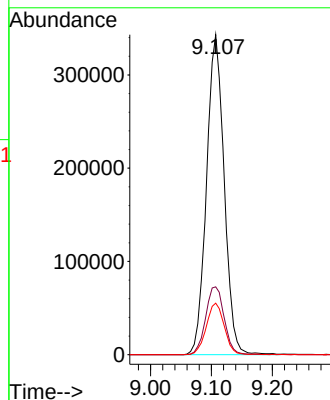
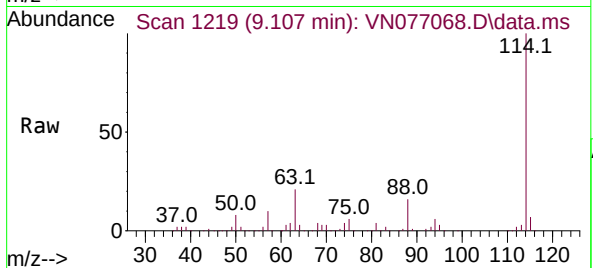
Tgt Ion:114 Resp: 691909

Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.6

88 16.1 0.0 33.8



#35

Dibromofluoromethane

Concen: 46.536 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VN077068.D

Acq: 20 Mar 2023 15:05

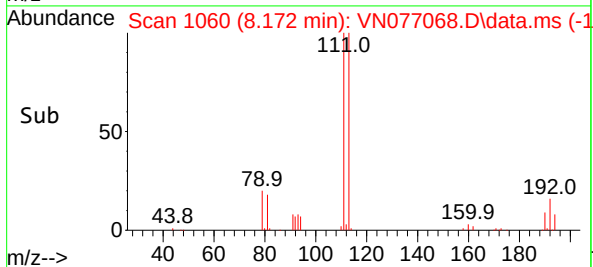
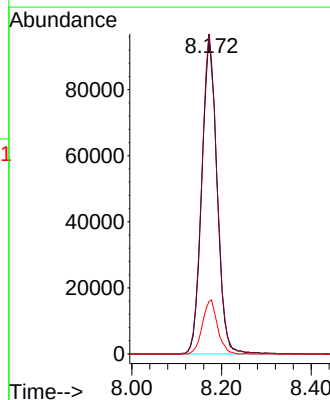
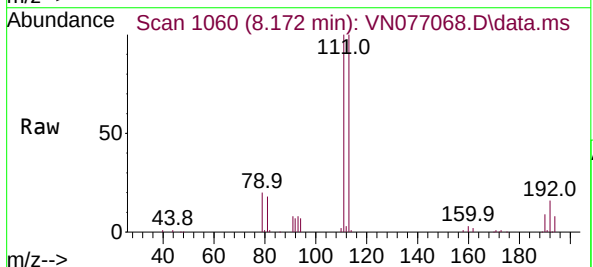
Tgt Ion:113 Resp: 225491

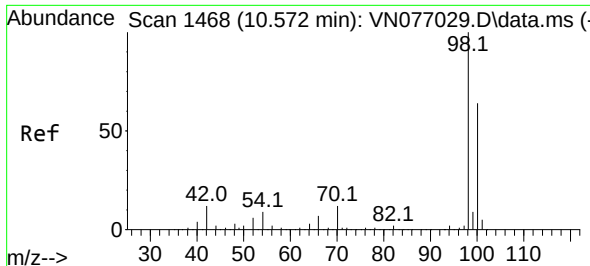
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.2

192 16.8 13.0 19.6

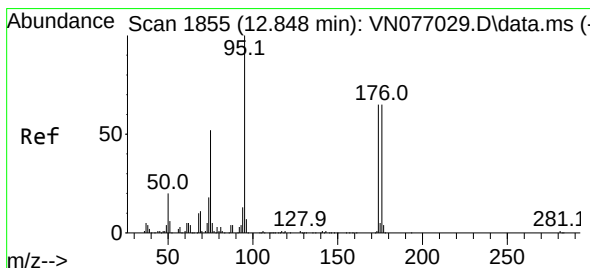
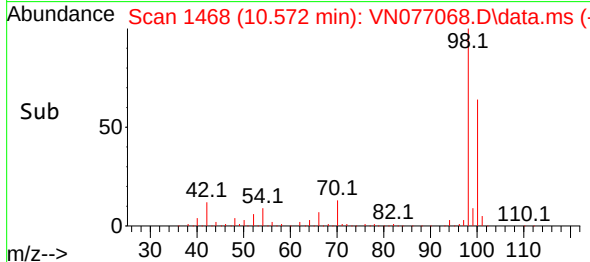
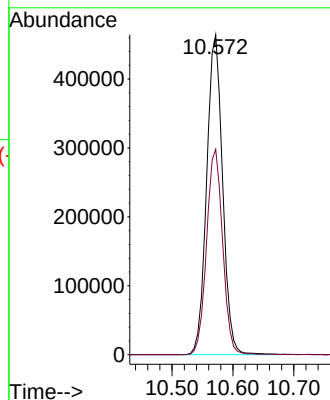
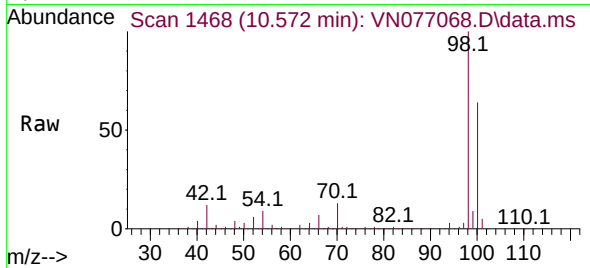




#50
Toluene-d8
Concen: 48.776 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

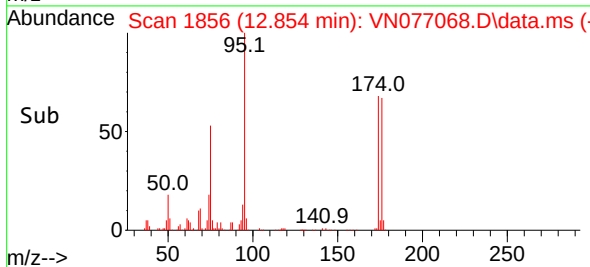
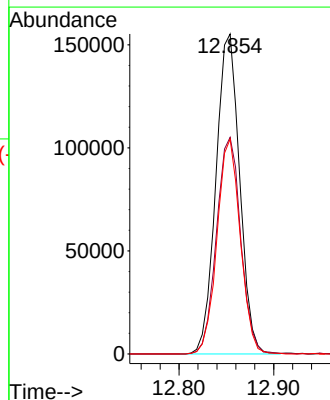
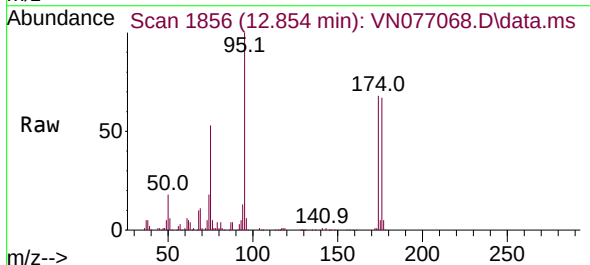
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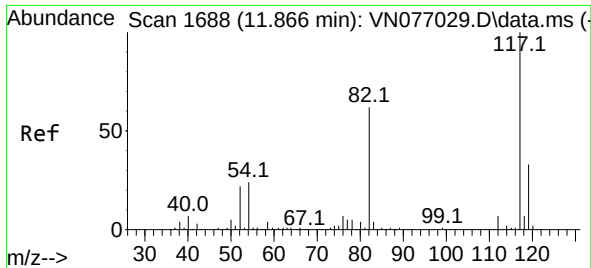
Tgt Ion: 98 Resp: 844261
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion: 95 Resp: 270172
Ion Ratio Lower Upper
95 100
174 69.3 0.0 136.6
176 65.7 0.0 130.0

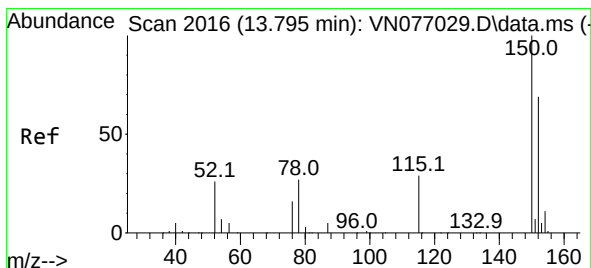
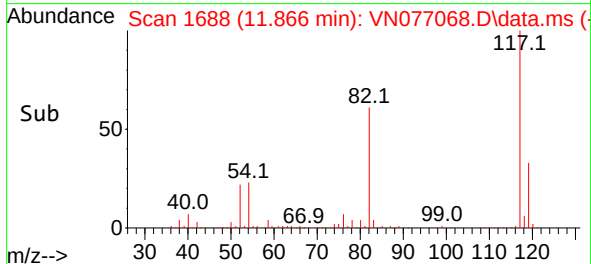
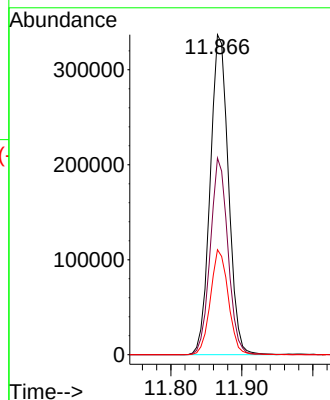
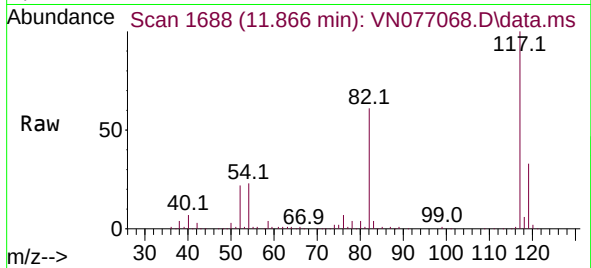




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077068.D
Acq: 20 Mar 2023 15:05

Instrument :
MSVOA_N
ClientSampleId :
RE117D2-20230313

Tgt Ion:117 Resp: 600162
Ion Ratio Lower Upper
117 100
82 61.5 49.4 74.0
119 32.8 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: VN077068.D
Acq: 20 Mar 2023 15:05

Tgt Ion:152 Resp: 212755
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 155.8 0.0 348.0

