

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050423\
 Data File : VN077577.D
 Acq On : 04 May 2023 10:51
 Operator : JC\MD
 Sample : VN0504WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0504WBL01

Quant Time: May 05 04:09:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	758011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1432246	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1306327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	449058	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	514289	51.995	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.980%	
35) Dibromofluoromethane	8.166	113	446266	51.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	10.566	98	1791347	54.296	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.600%	
62) 4-Bromofluorobenzene	12.854	95	542255	50.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.480%	

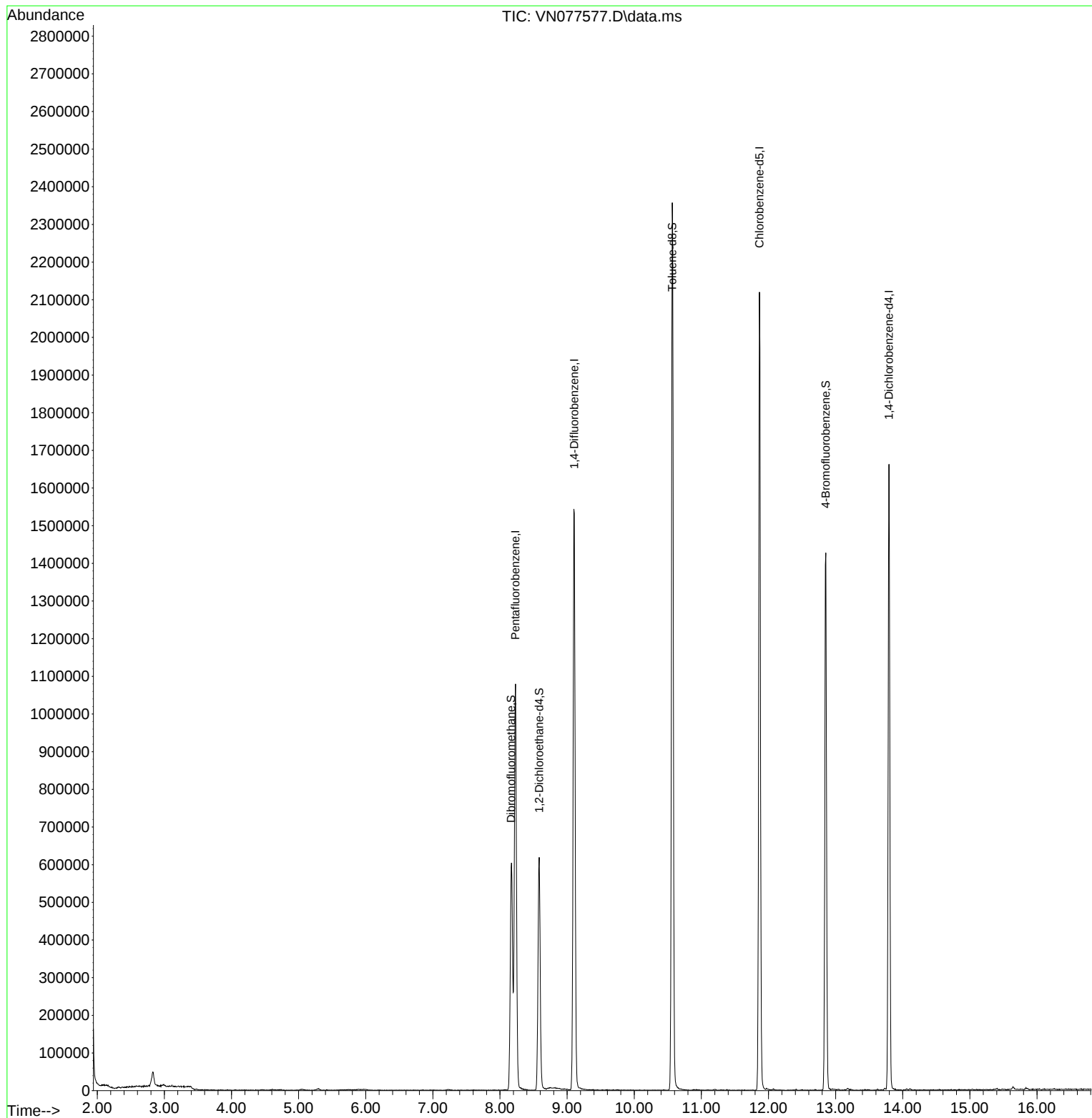
Target Compounds	Qvalue

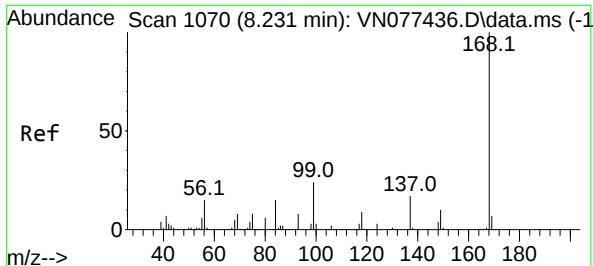
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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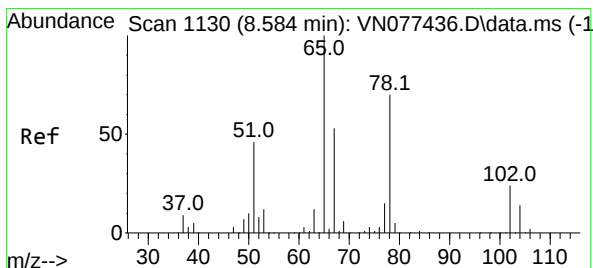
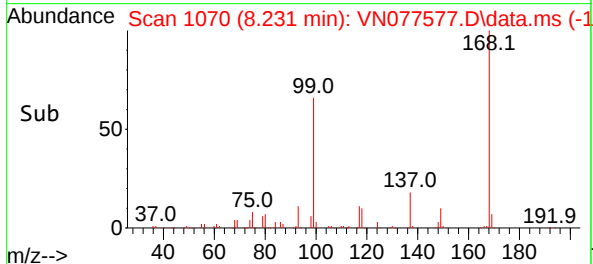
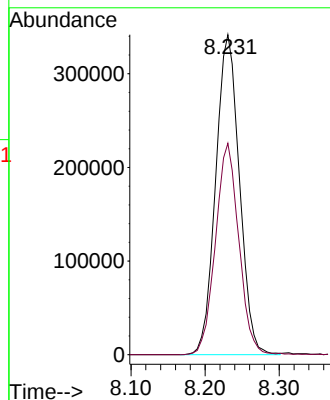
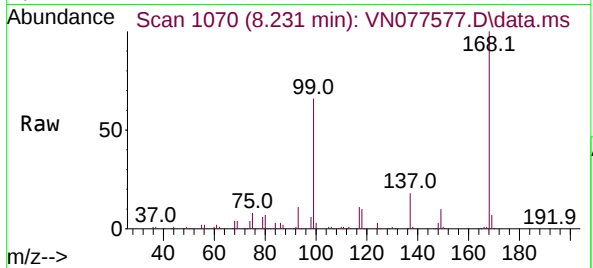




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

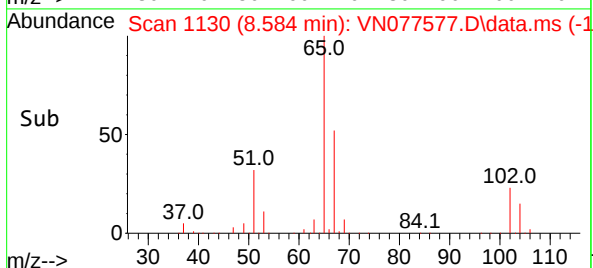
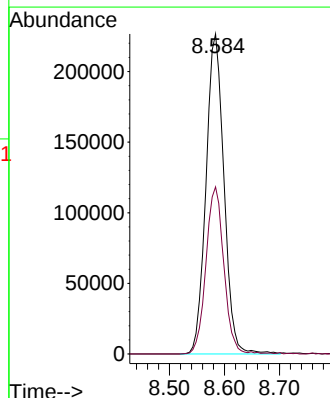
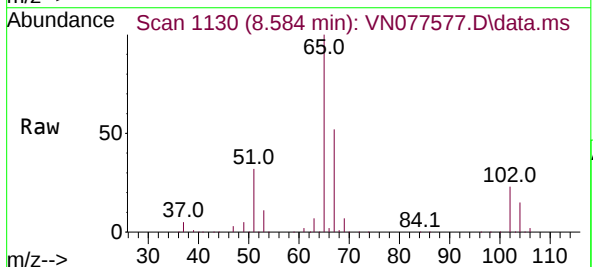
Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

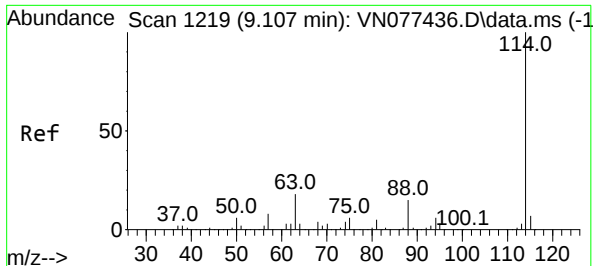
Tgt Ion:168 Resp: 758011
Ion Ratio Lower Upper
168 100
99 66.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.995 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion: 65 Resp: 514289
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077577.D

Acq: 04 May 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

VN0504WBL01

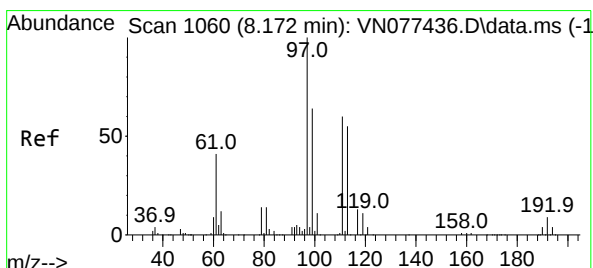
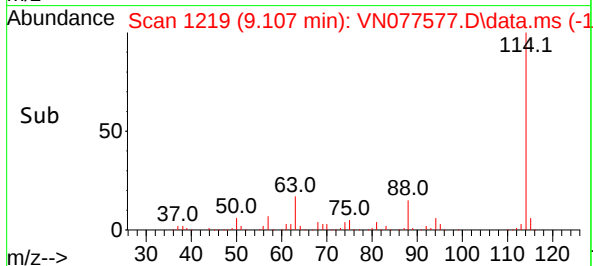
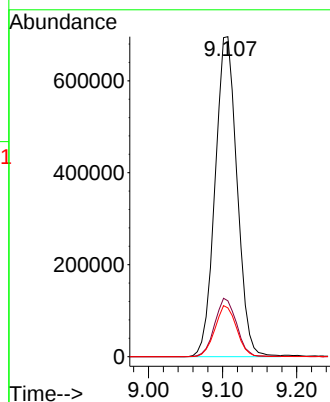
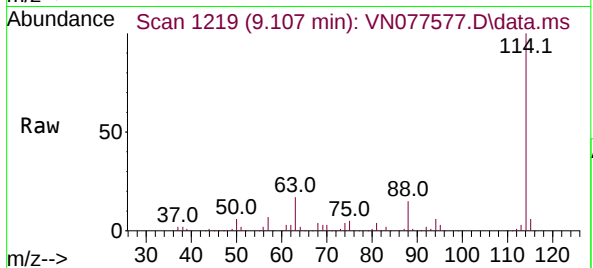
Tgt Ion:114 Resp: 1432246

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.841 ug/l

RT: 8.166 min Scan# 1059

Delta R.T. -0.006 min

Lab File: VN077577.D

Acq: 04 May 2023 10:51

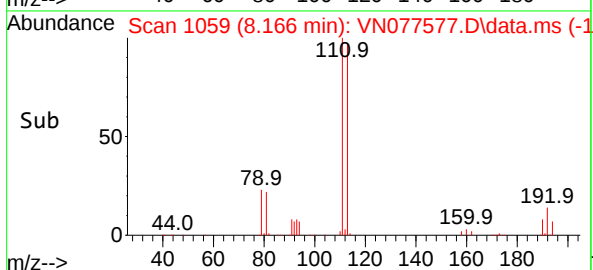
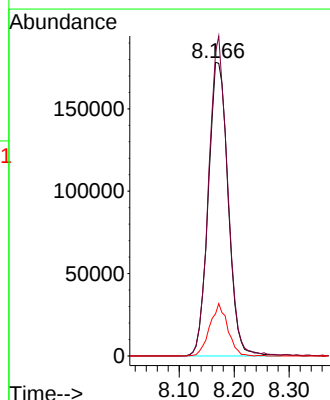
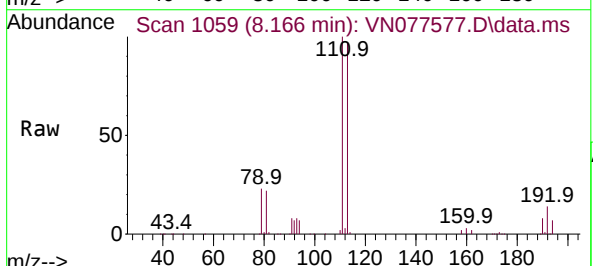
Tgt Ion:113 Resp: 446266

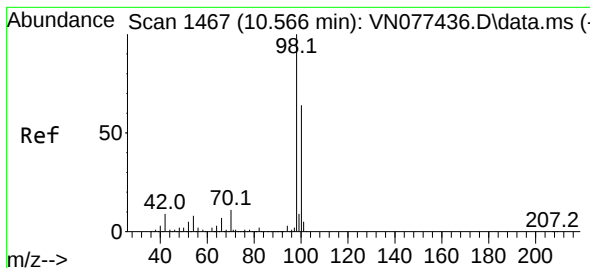
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 16.1 12.7 19.1





#50

Toluene-d8

Concen: 54.296 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. 0.000 min

Lab File: VN077577.D

Acq: 04 May 2023 10:51

Instrument :

MSVOA_N

ClientSampleId :

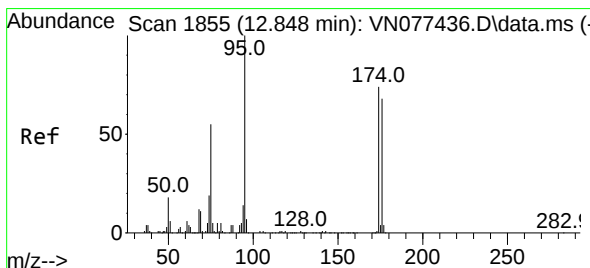
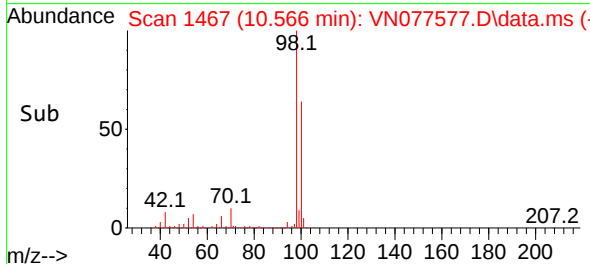
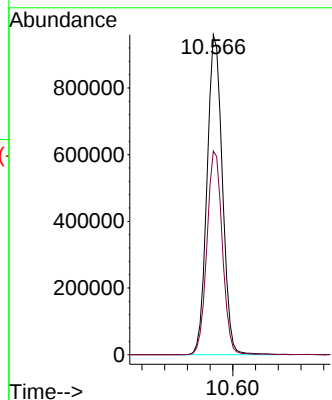
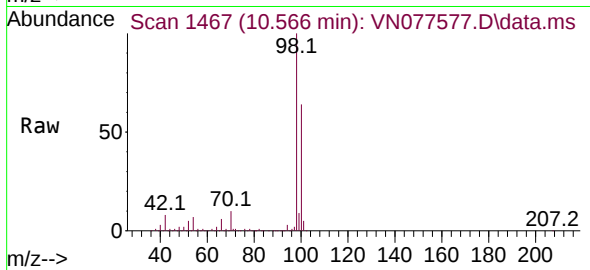
VN0504WBL01

Tgt Ion: 98 Resp: 1791347

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.235 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077577.D

Acq: 04 May 2023 10:51

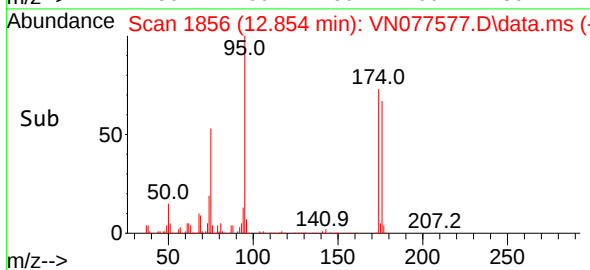
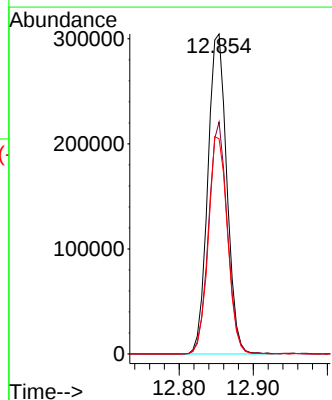
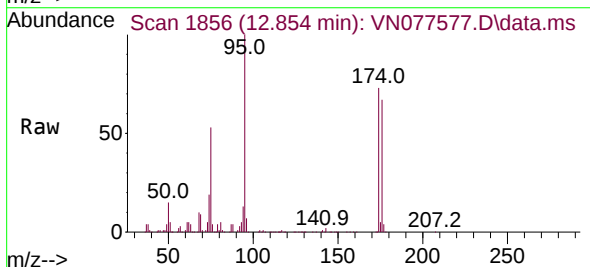
Tgt Ion: 95 Resp: 542255

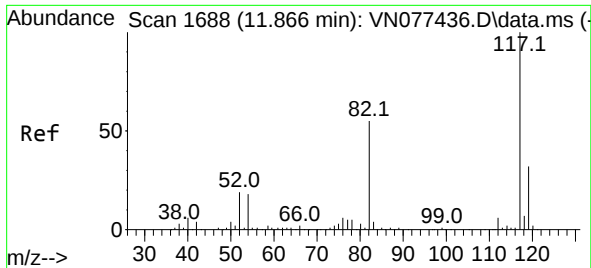
Ion Ratio Lower Upper

95 100

174 71.3 0.0 143.8

176 68.4 0.0 135.8

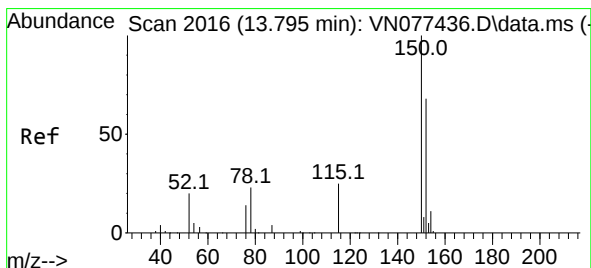
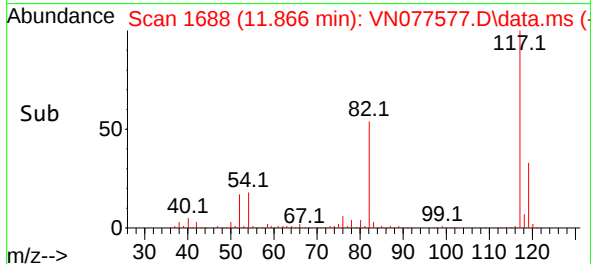
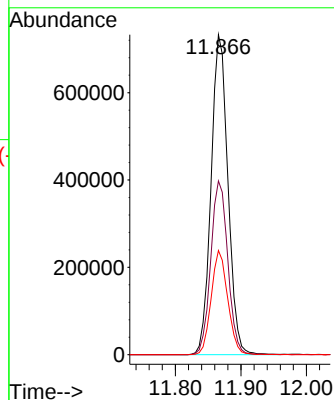
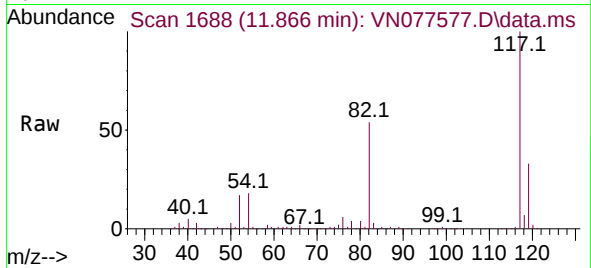




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Instrument :
MSVOA_N
ClientSampleId :
VN0504WBL01

Tgt Ion:117 Resp: 1306327
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077577.D
Acq: 04 May 2023 10:51

Tgt Ion:152 Resp: 449058
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 158.8 0.0 355.8

