

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077779.D
 Acq On : 22 May 2023 10:56
 Operator : JC\MD
 Sample : VN0522MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0522MBL01

Quant Time: May 23 04:17:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	358195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	633835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	544658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	185482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	234744	43.799	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.600%
35) Dibromofluoromethane	8.177	113	207024	50.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.180%
50) Toluene-d8	10.576	98	756874	47.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.160%
62) 4-Bromofluorobenzene	12.859	95	232639	41.405	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.800%#

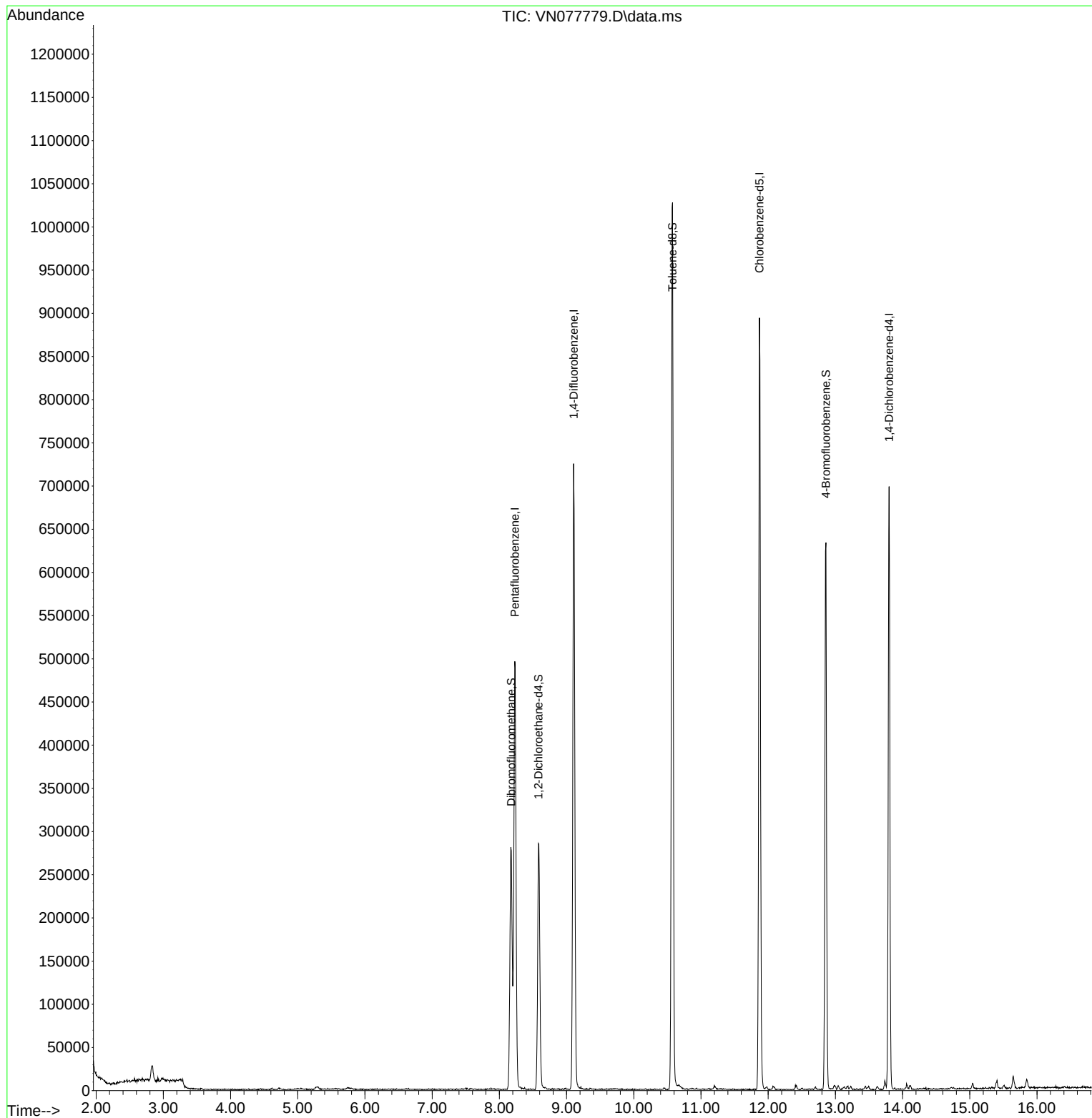
Target Compounds	Qvalue

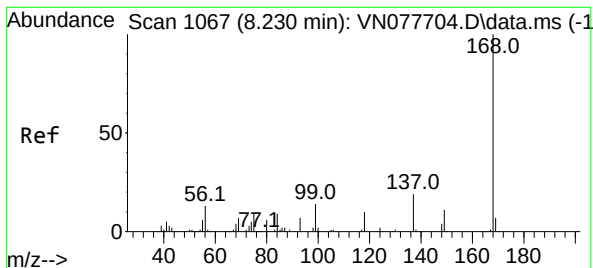
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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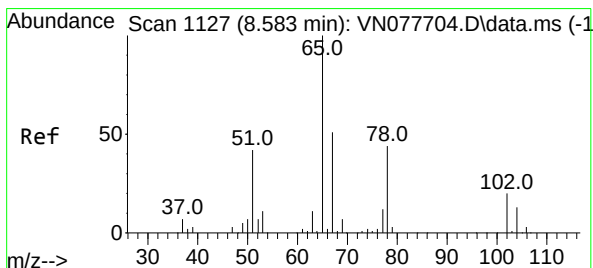
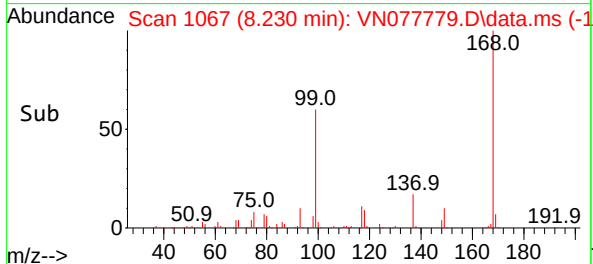
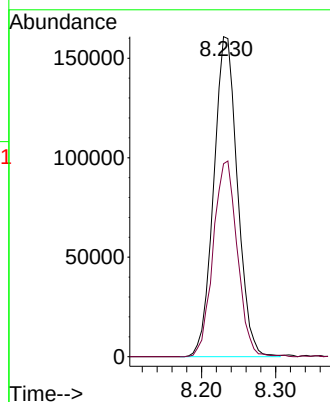
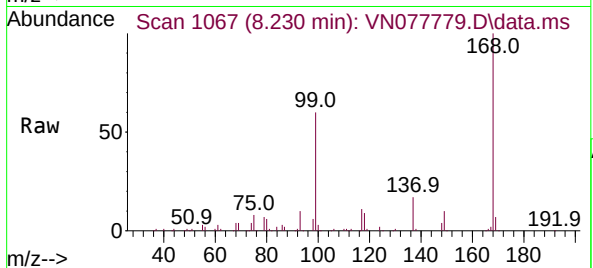




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

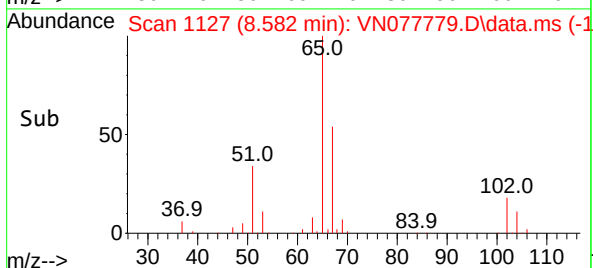
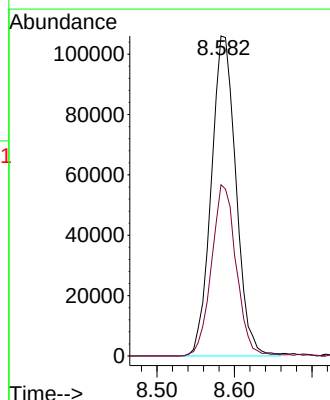
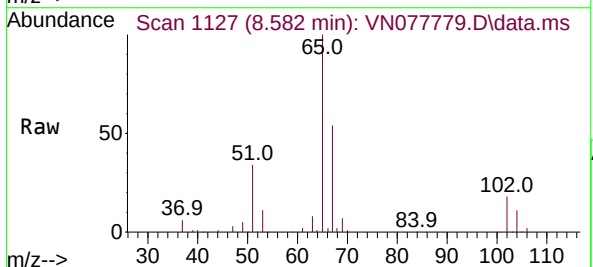
Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

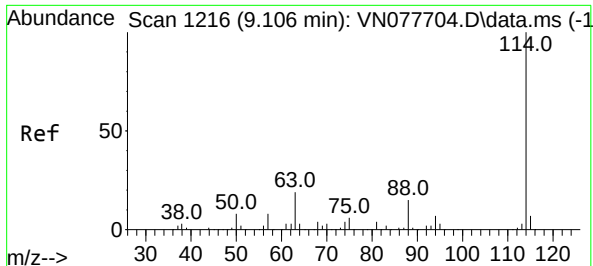
Tgt Ion:168 Resp: 358195
Ion Ratio Lower Upper
168 100
99 60.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.799 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

Tgt Ion: 65 Resp: 234744
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077779.D

Acq: 22 May 2023 10:56

Instrument :

MSVOA_N

ClientSampleId :

VN0522MBL01

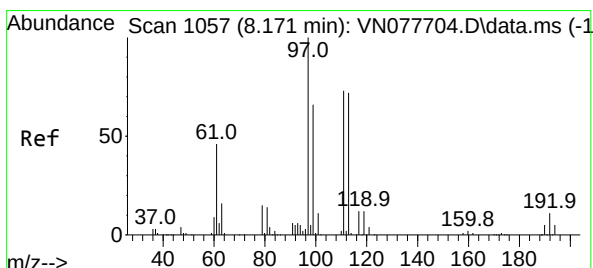
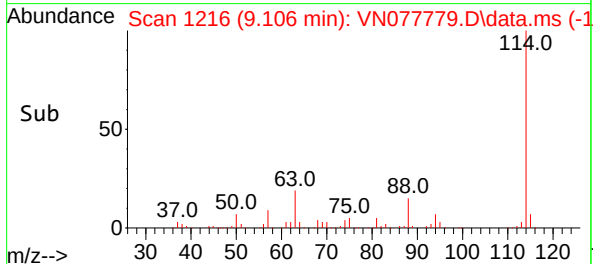
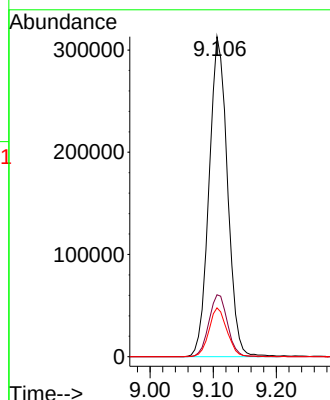
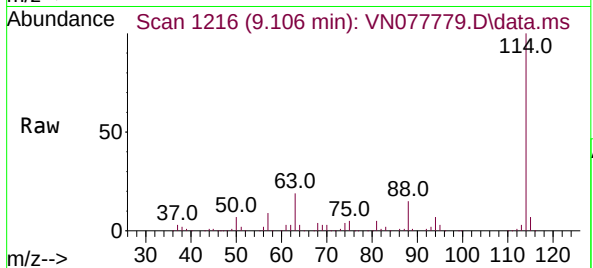
Tgt Ion:114 Resp: 633835

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.088 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077779.D

Acq: 22 May 2023 10:56

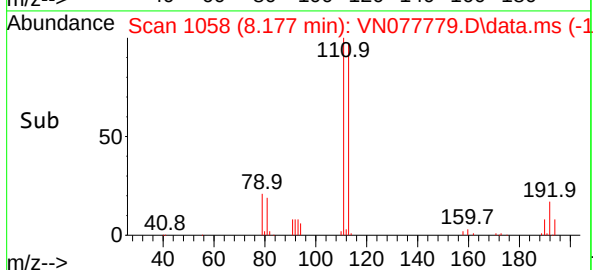
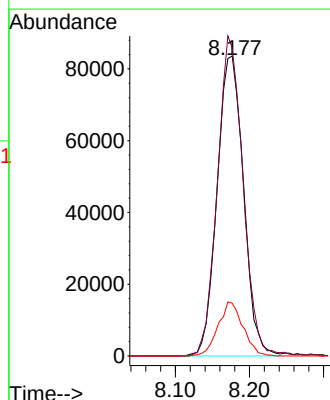
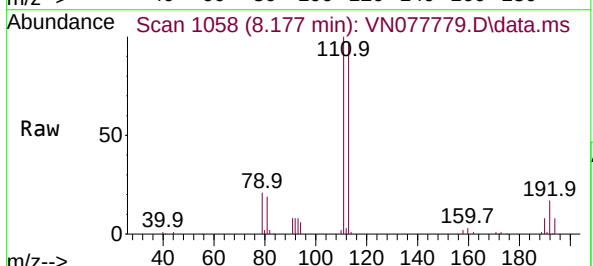
Tgt Ion:113 Resp: 207024

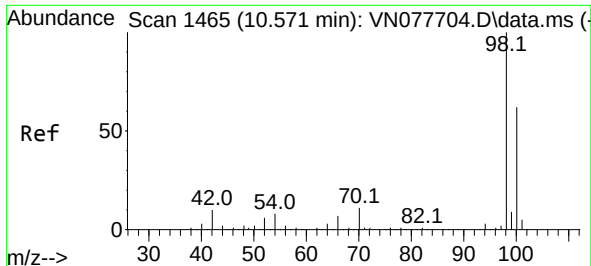
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.0 12.7 19.1

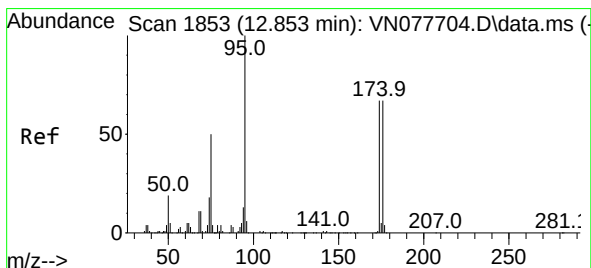
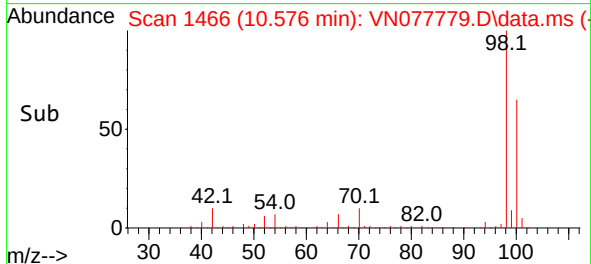
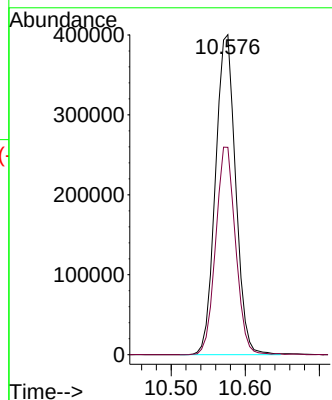
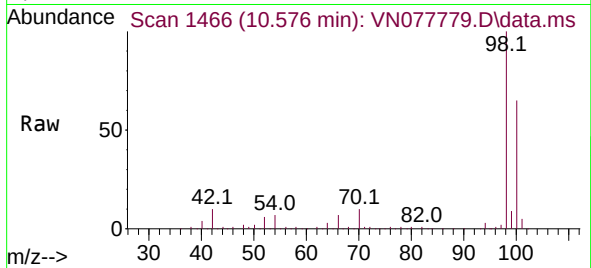




#50
Toluene-d8
Concen: 47.576 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

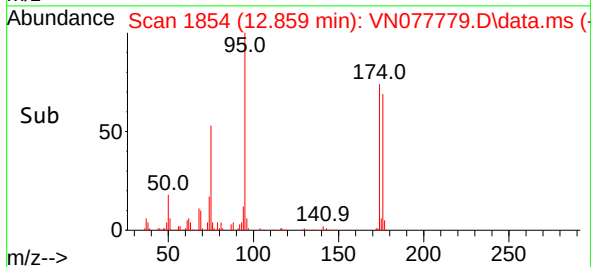
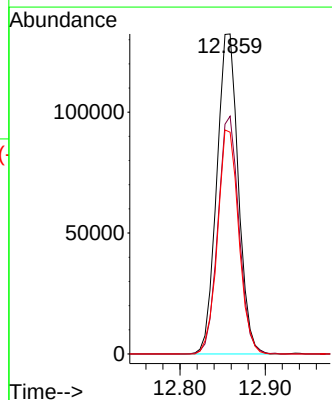
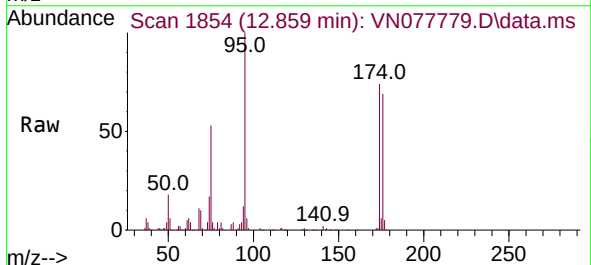
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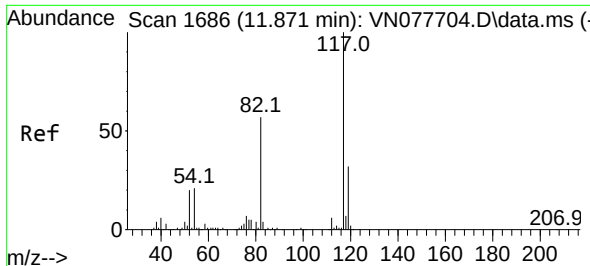
Tgt Ion: 98 Resp: 756874
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.405 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

Tgt Ion: 95 Resp: 232639
Ion Ratio Lower Upper
95 100
174 72.5 0.0 143.8
176 68.7 0.0 135.8

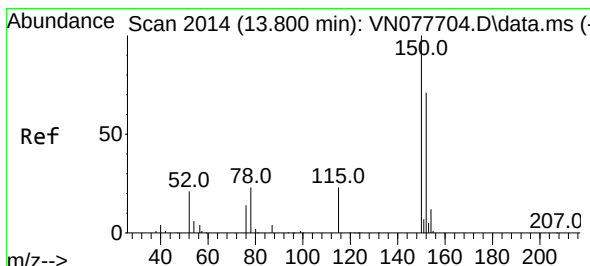
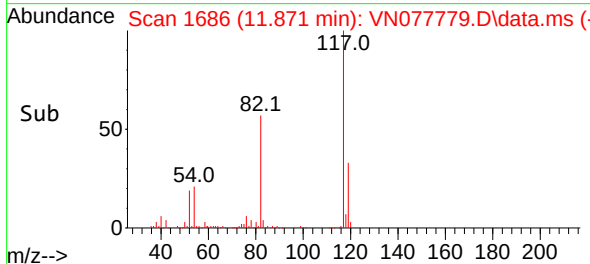
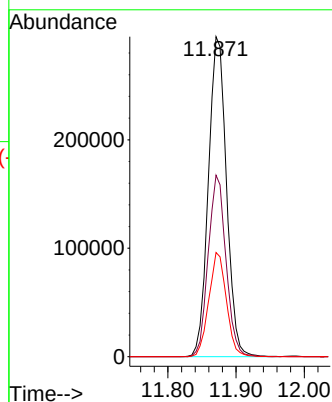
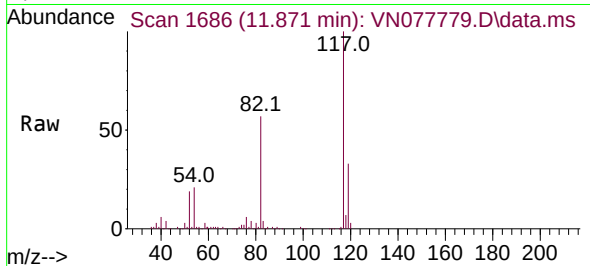




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0522MBL01

Tgt Ion:117 Resp: 544658
Ion Ratio Lower Upper
117 100
82 56.7 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN077779.D
Acq: 22 May 2023 10:56

Tgt Ion:152 Resp: 185482
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 158.5 0.0 355.8

