

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052523\
 Data File : VN077908.D
 Acq On : 25 May 2023 17:38
 Operator : JC\MD
 Sample : 02944-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-RW11-GW-438-440

Quant Time: May 26 04:35:36 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	8.235	168	403510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	744086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	645043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	201309	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	277877	46.025	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.040%
35) Dibromofluoromethane	8.171	113	236641	48.771	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.540%
50) Toluene-d8	10.576	98	919830	49.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.859	95	294242	44.609	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.220%

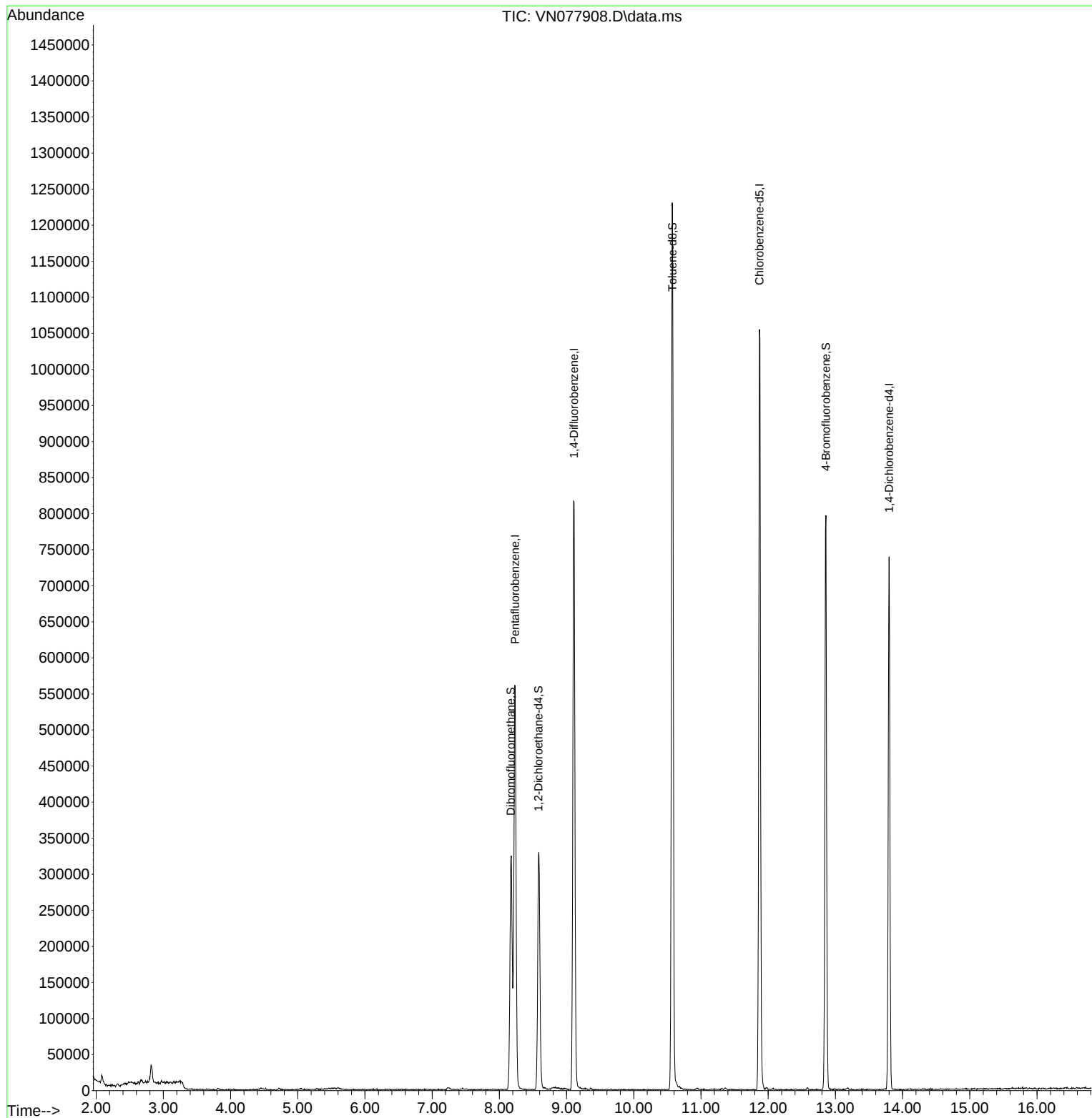
Target Compounds	Qvalue

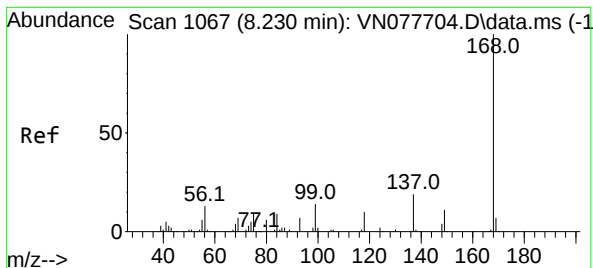
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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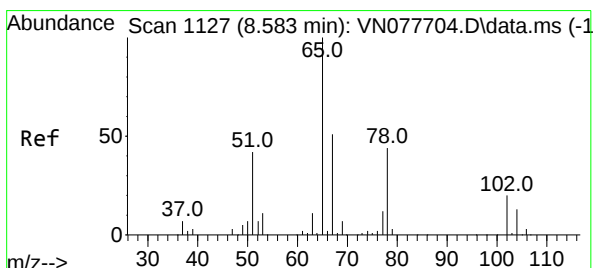
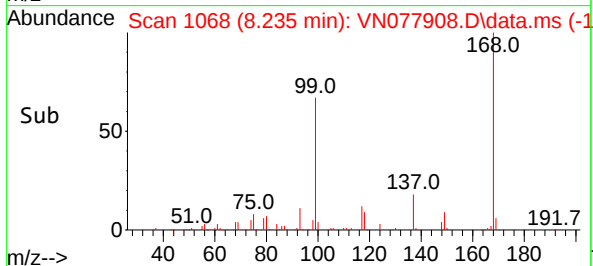
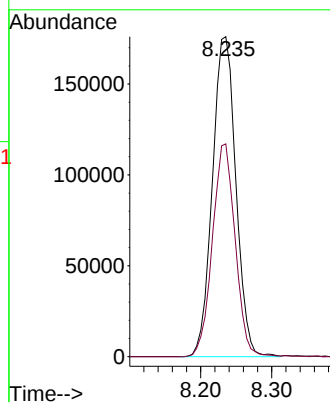
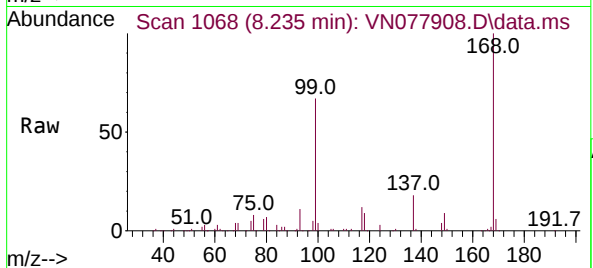




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

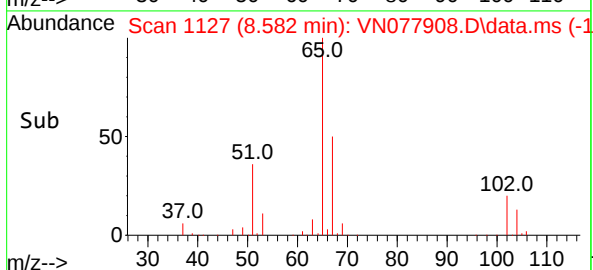
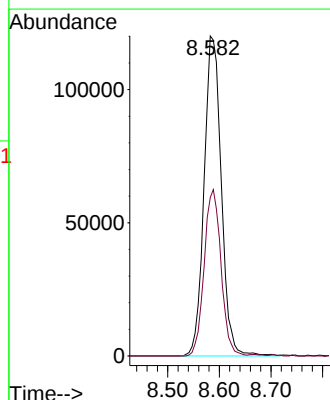
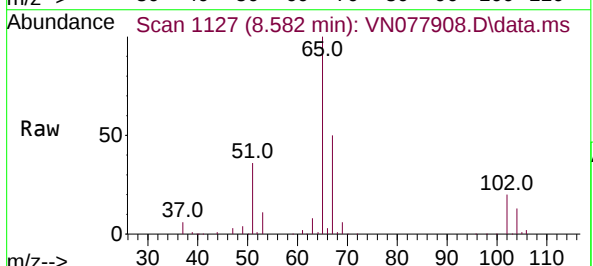
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

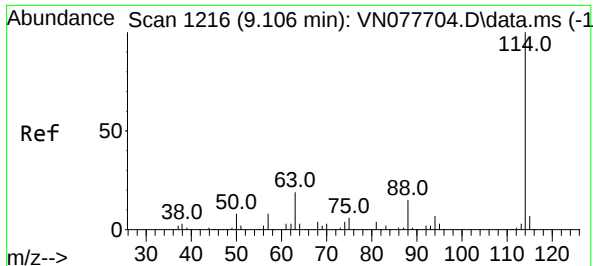
Tgt Ion:168 Resp: 403510
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.025 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 65 Resp: 277877
Ion Ratio Lower Upper
65 100
67 50.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-RW11-GW-438-440

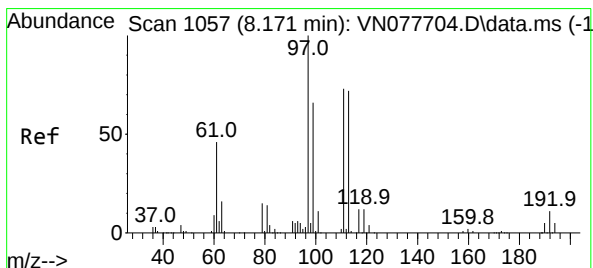
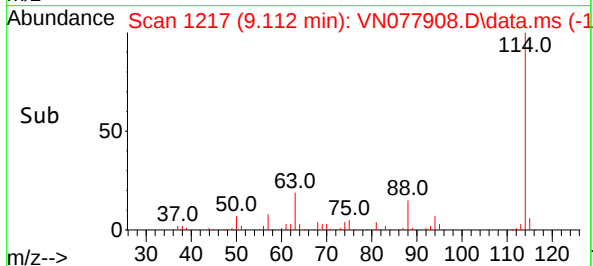
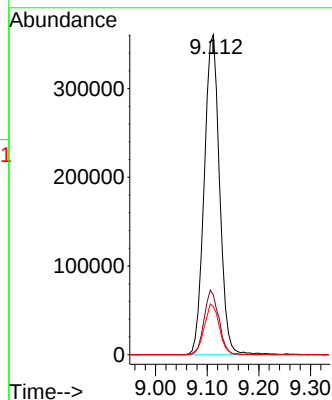
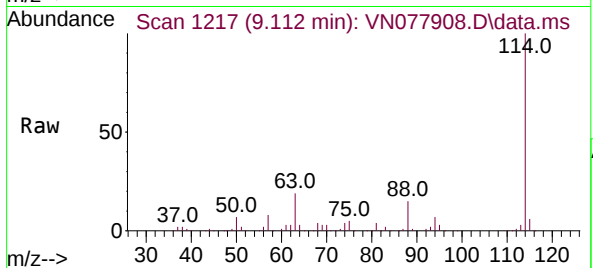
Tgt Ion:114 Resp: 744086

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.771 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077908.D

Acq: 25 May 2023 17:38

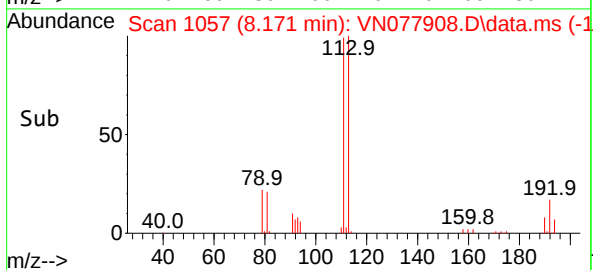
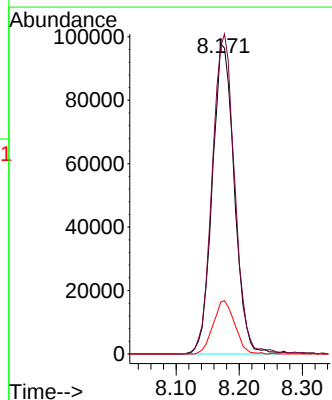
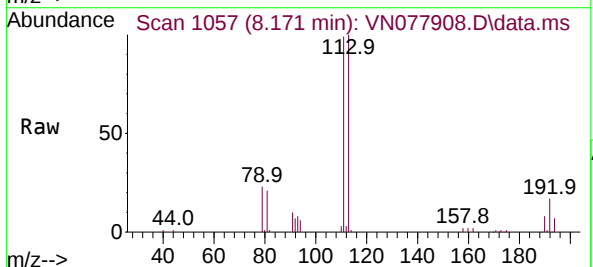
Tgt Ion:113 Resp: 236641

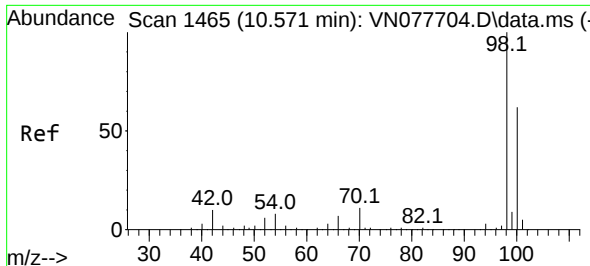
Ion Ratio Lower Upper

113 100

111 105.3 82.6 123.8

192 16.9 12.7 19.1

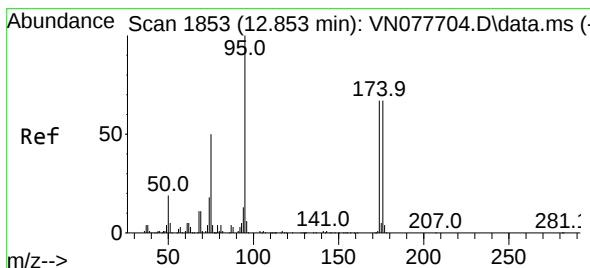
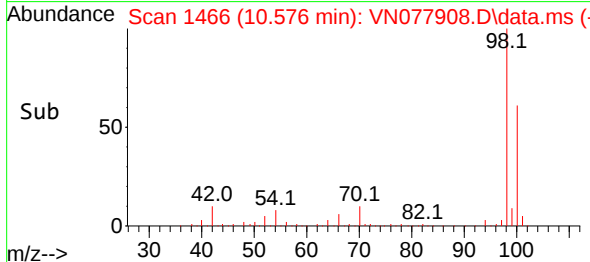
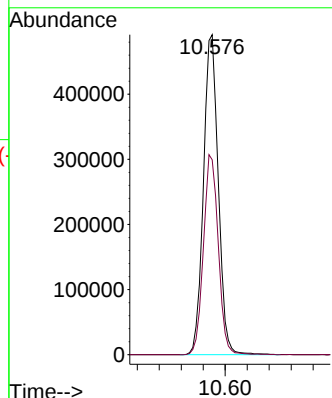
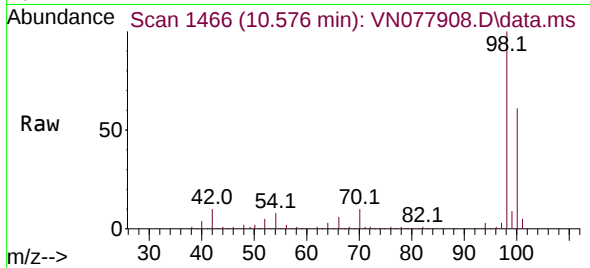




#50
Toluene-d8
Concen: 49.252 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

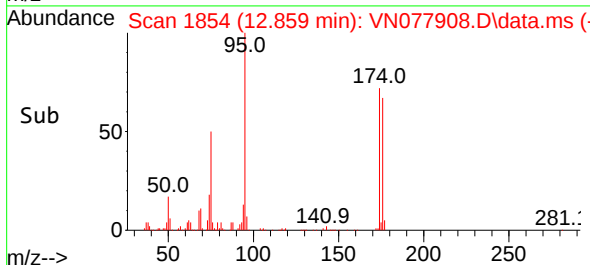
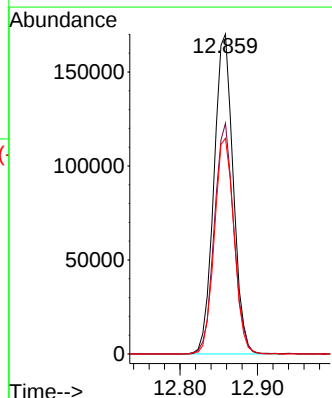
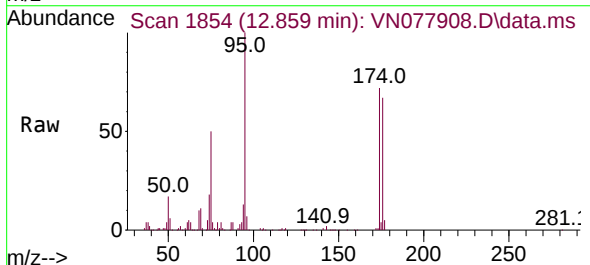
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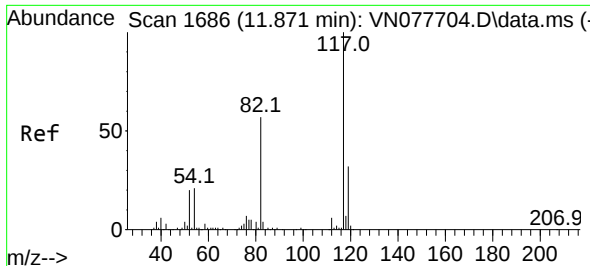
Tgt Ion: 98 Resp: 919830
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.609 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion: 95 Resp: 294242
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 68.5 0.0 135.8

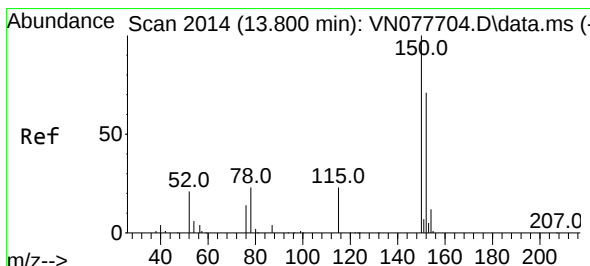
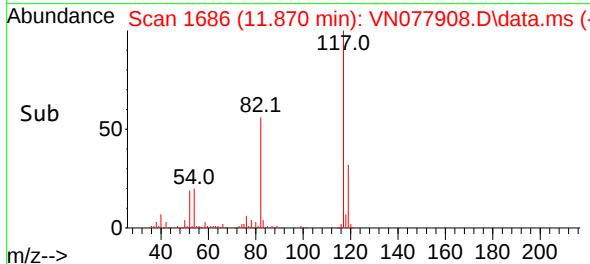
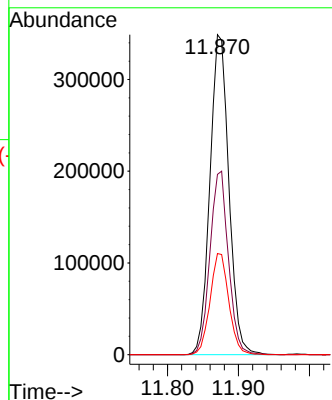
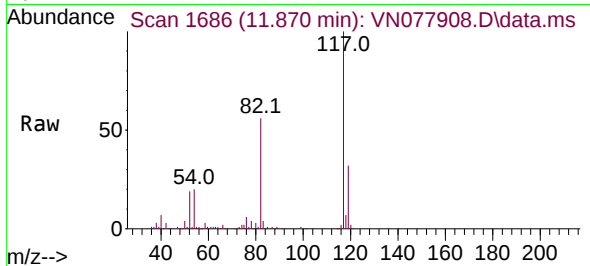




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN077908.D
Acq: 25 May 2023 17:38

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-RW11-GW-438-440

Tgt Ion:117 Resp: 645043
Ion Ratio Lower Upper
117 100
82 56.3 44.0 66.0
119 31.6 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: VN077908.D
Acq: 25 May 2023 17:38

Tgt Ion:152 Resp: 201309
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 155.4 0.0 355.8

