

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077408.D
 Acq On : 20 Apr 2023 18:23
 Operator : JC\MD
 Sample : 02423-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-1

Quant Time: Apr 21 02:41:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	616397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1140042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	997249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	380025	45.109	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	8.172	113	344900	47.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.520%
50) Toluene-d8	10.572	98	1348987	45.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.854	95	429423	43.947	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.900%

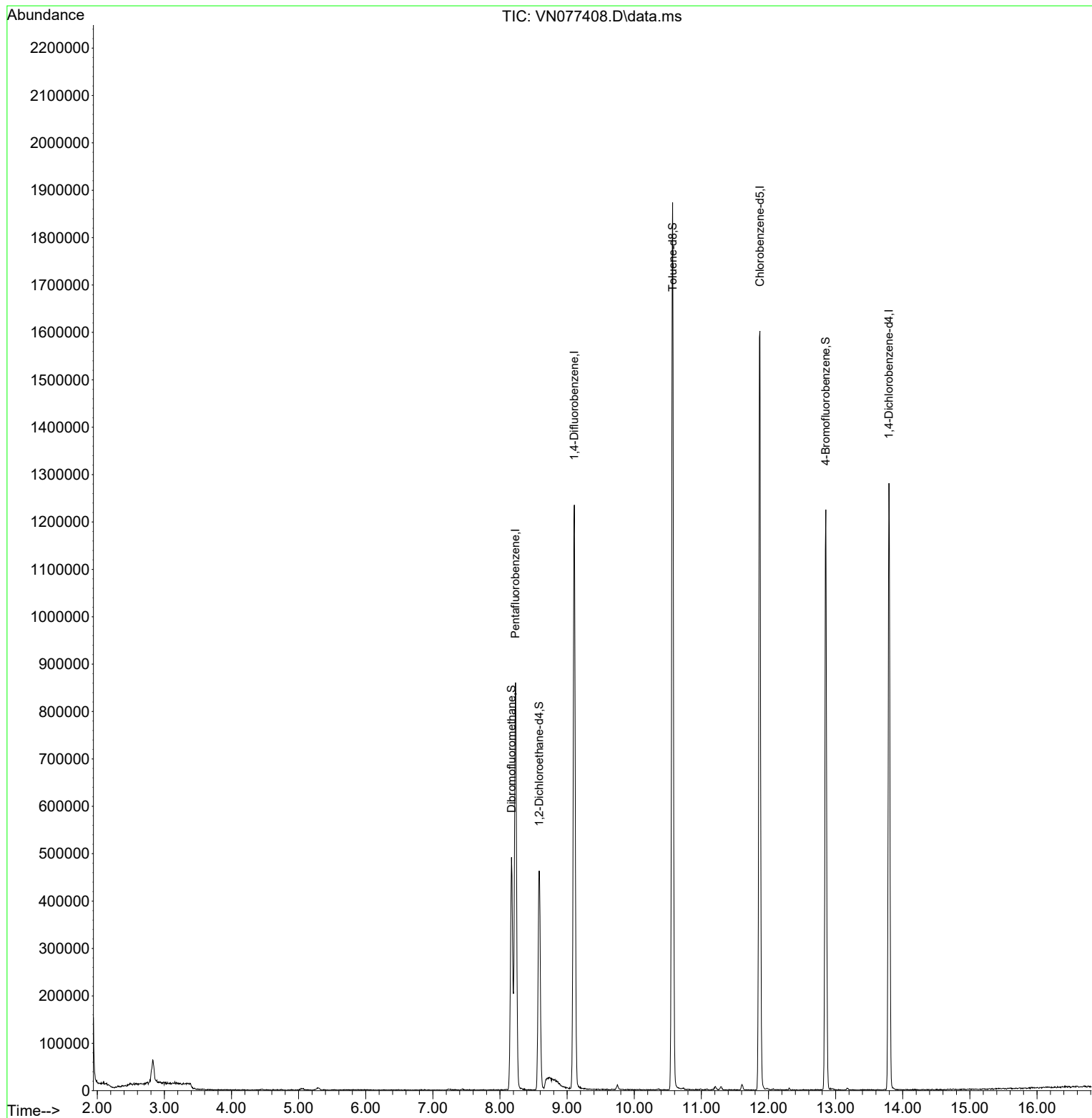
Target Compounds	Qvalue

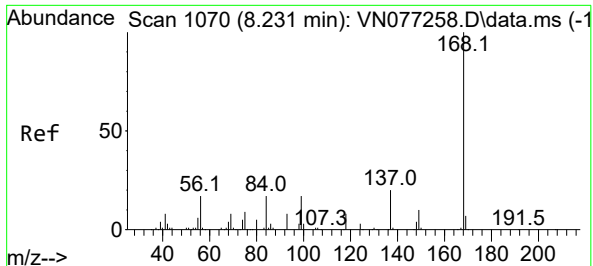
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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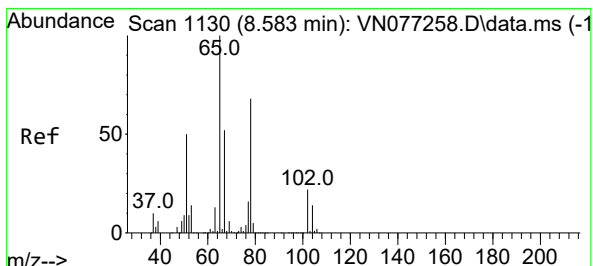
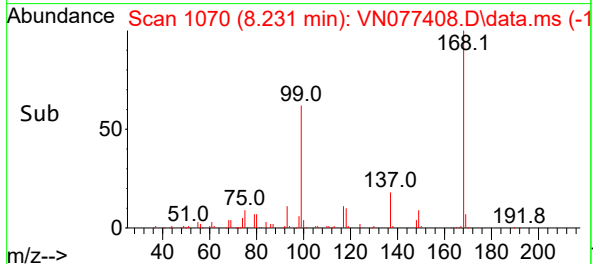
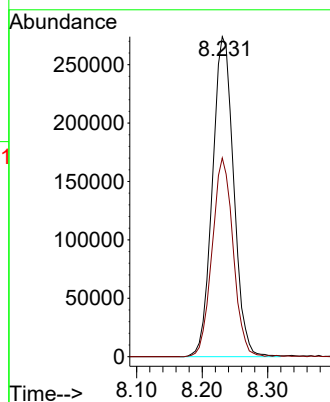
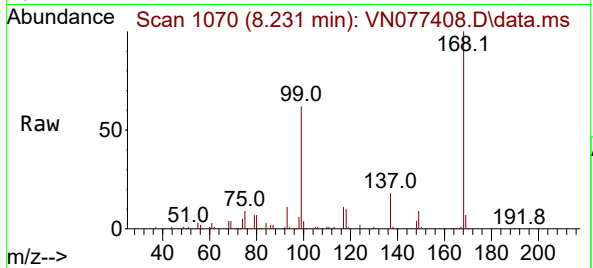




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

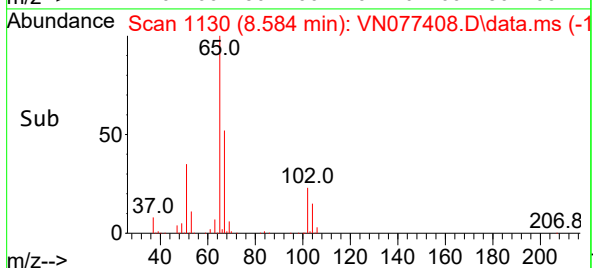
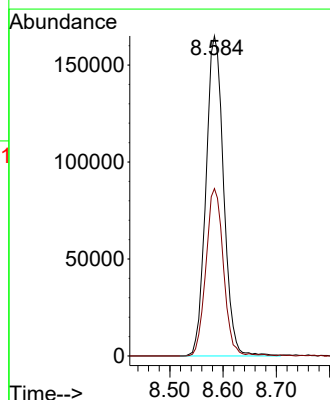
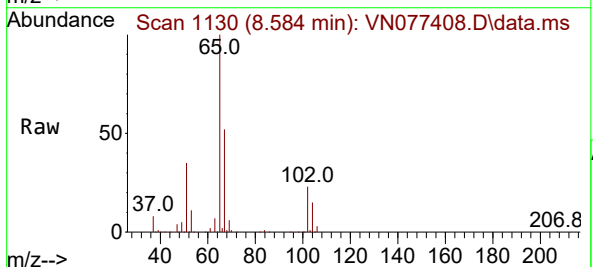
Instrument :
MSVOA_N
ClientSampleId :
EB-1

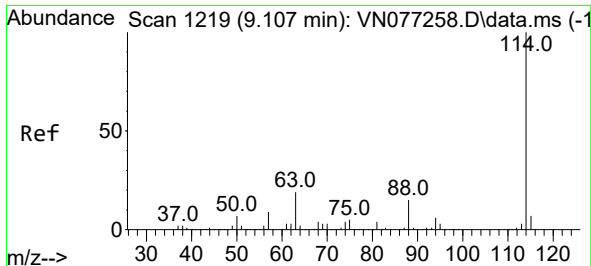
Tgt Ion:168 Resp: 616397
Ion Ratio Lower Upper
168 100
99 62.1 50.6 75.8



#33
1,2-Dichloroethane-d4
Concen: 45.109 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 65 Resp: 380025
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 114

Delta R.T. 0.000 min

Lab File: VN077408.D

Acq: 20 Apr 2023 18:23

Instrument :

MSVOA_N

ClientSampleId :

EB-1

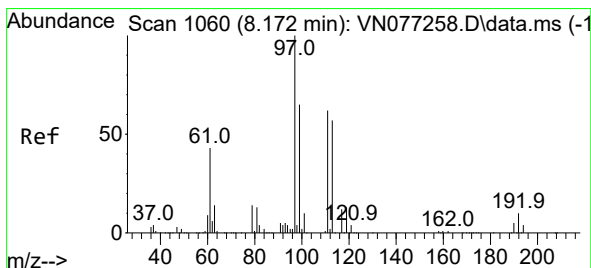
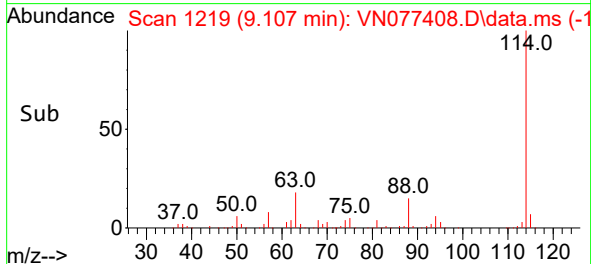
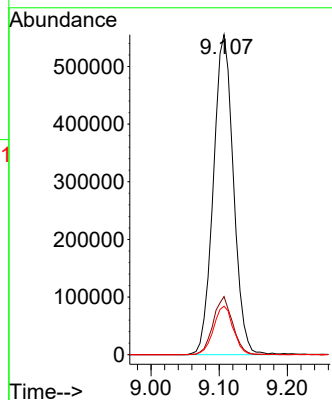
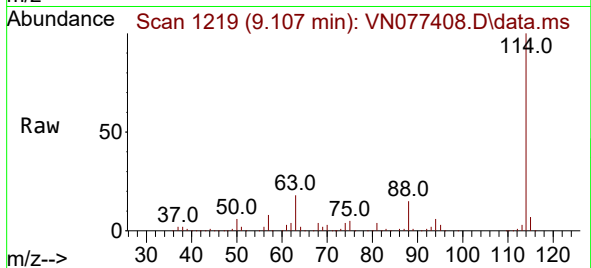
Tgt Ion:114 Resp: 1140042

Ion Ratio Lower Upper

114 100

63 18.2 0.0 37.8

88 15.2 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.258 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077408.D

Acq: 20 Apr 2023 18:23

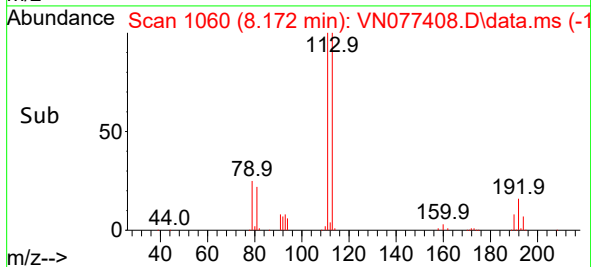
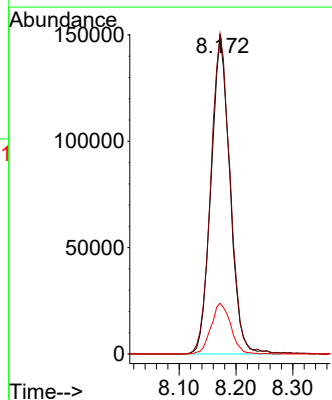
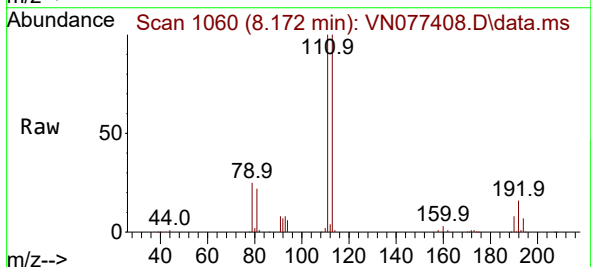
Tgt Ion:113 Resp: 344900

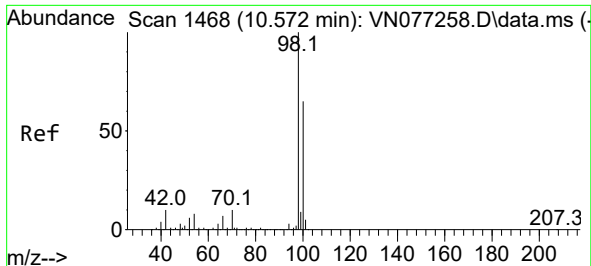
Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.0

192 16.5 13.5 20.3

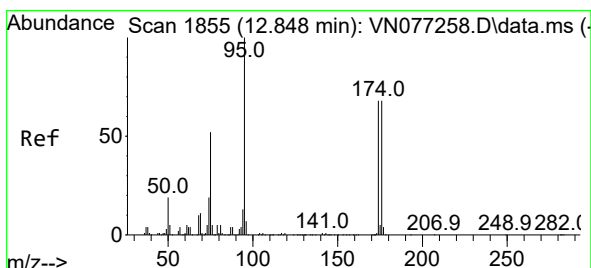
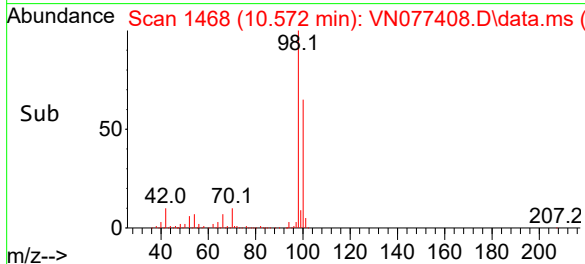
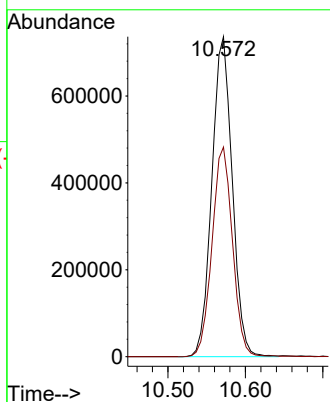
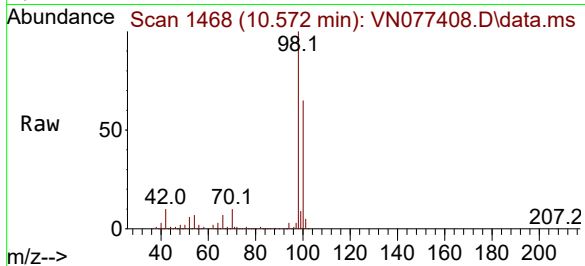




#50
Toluene-d8
Concen: 45.915 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

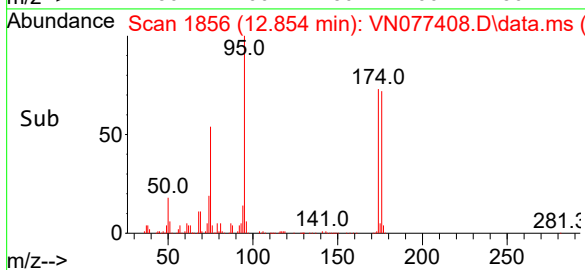
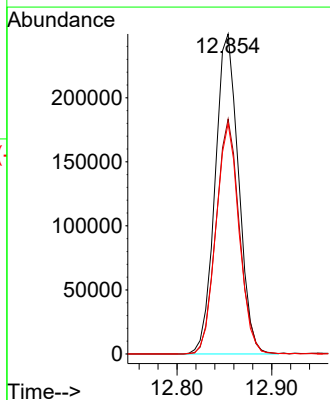
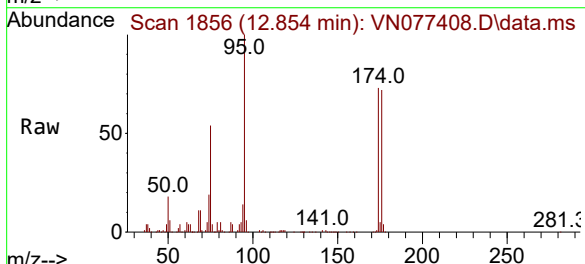
Instrument :
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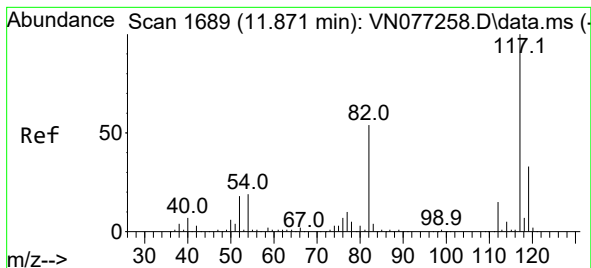
Tgt Ion: 98 Resp: 1348987
Ion Ratio Lower Upper
98 100
100 65.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 43.947 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion: 95 Resp: 429423
Ion Ratio Lower Upper
95 100
174 72.9 0.0 146.8
176 70.9 0.0 139.6

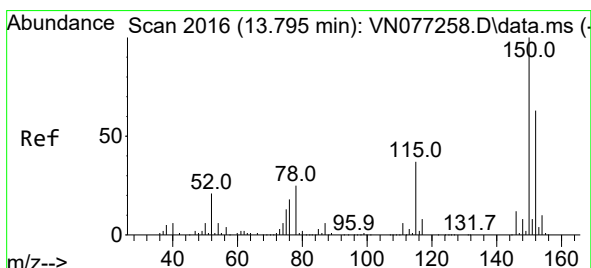
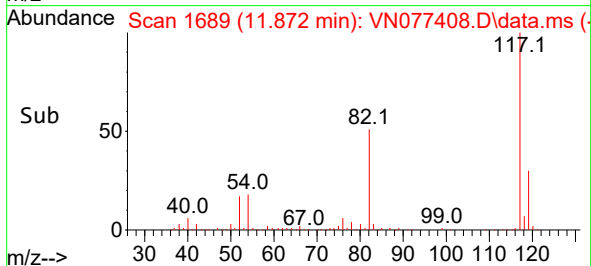
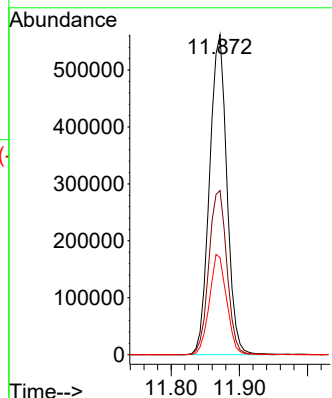
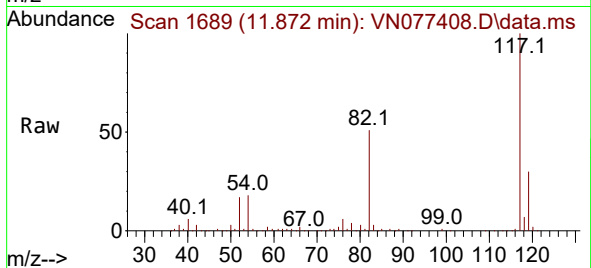




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Instrument :
MSVOA_N
ClientSampleId :
EB-1

Tgt Ion:117 Resp: 997249
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 30.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077408.D
Acq: 20 Apr 2023 18:23

Tgt Ion:152 Resp: 353223
Ion Ratio Lower Upper
152 100
115 62.3 32.1 96.3
150 154.9 0.0 354.8

