

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077475.D
 Acq On : 25 Apr 2023 17:32
 Operator : JC\MD
 Sample : 02460-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-042023

Quant Time: Apr 26 04:21:56 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	8.230	168	588034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1091429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	943390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	320369	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	380397	49.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.172	113	334597	51.006	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.020%
50) Toluene-d8	10.572	98	1305094	51.910	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.854	95	389926	47.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.800%

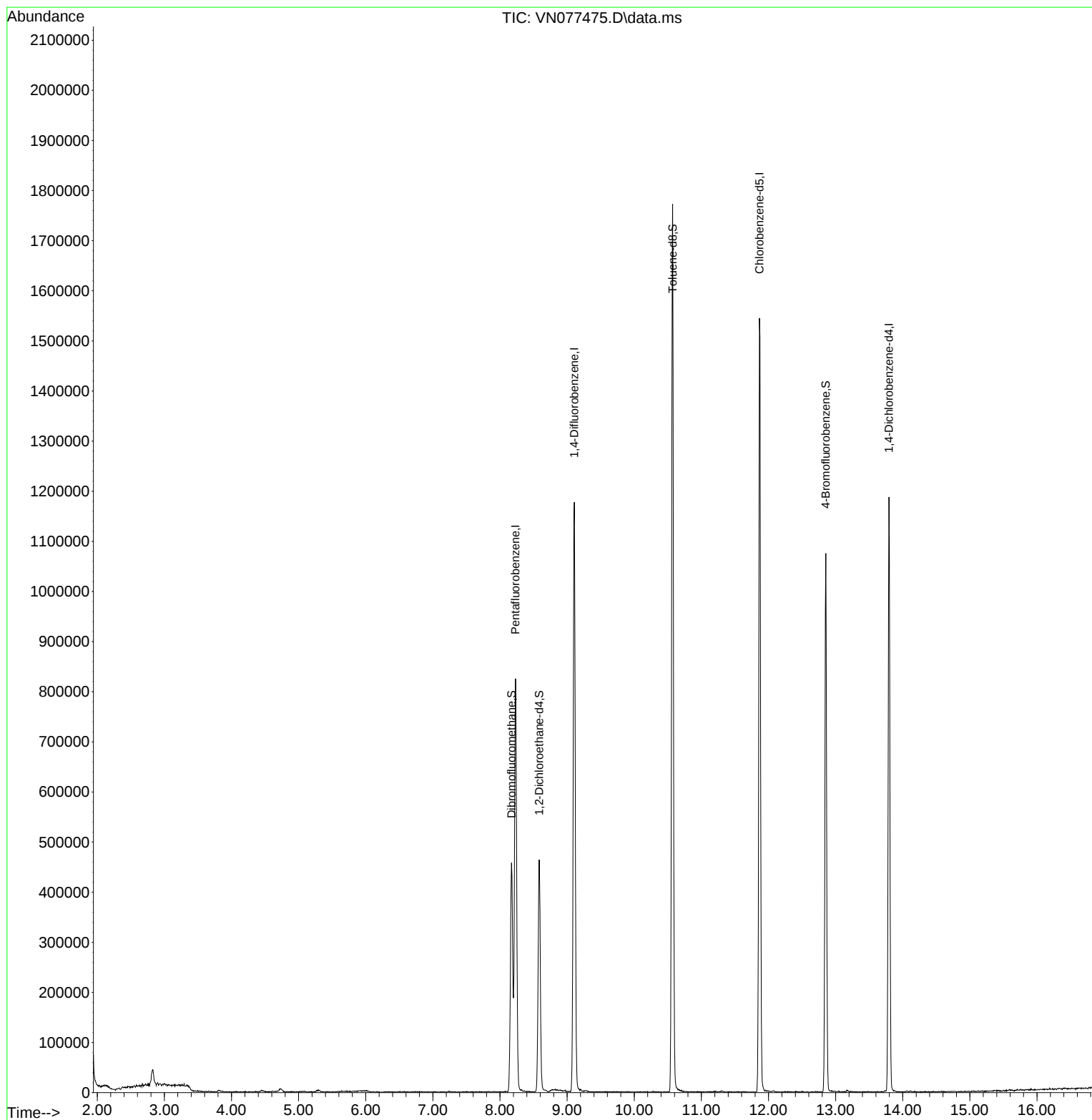
Target Compounds	Qvalue

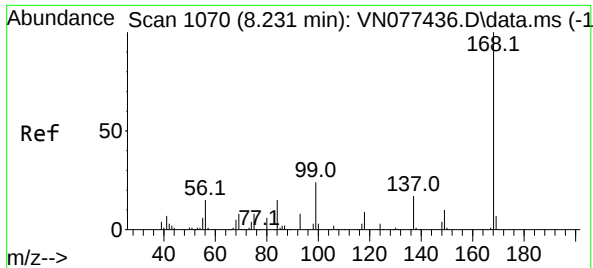
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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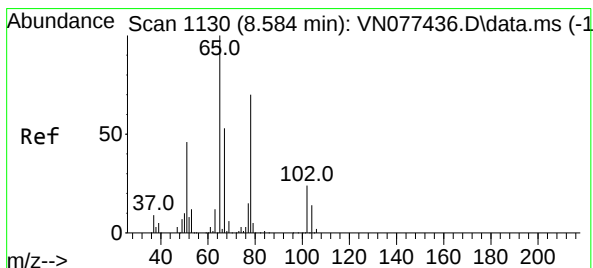
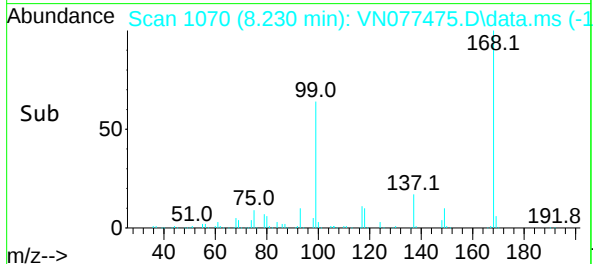
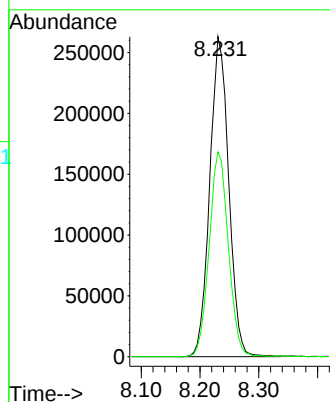
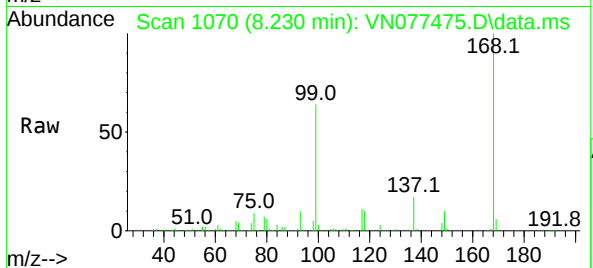




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077475.D
Acq: 25 Apr 2023 17:32

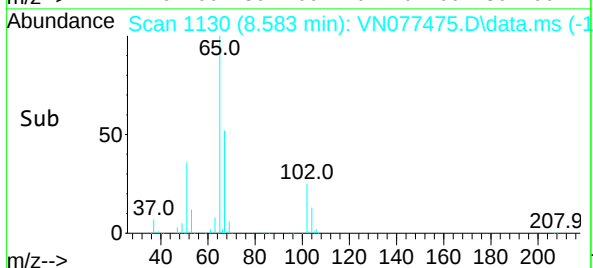
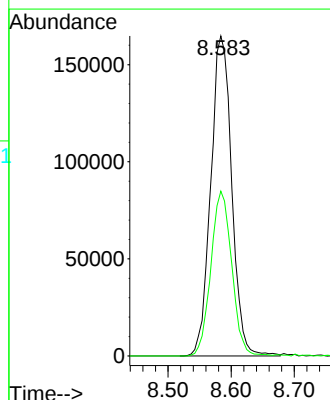
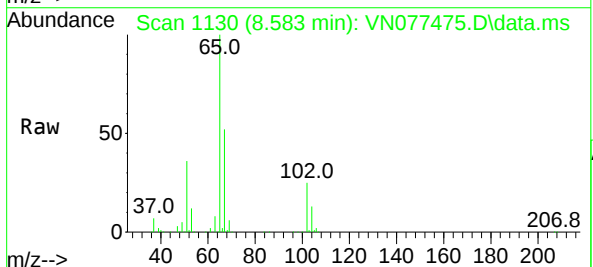
Instrument :
MSVOA_N
ClientSampleId :
FB-042023

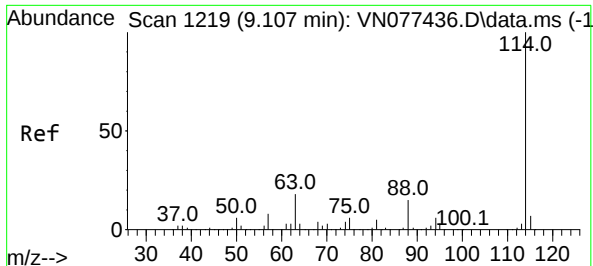
Tgt Ion:168 Resp: 588034
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.575 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077475.D
Acq: 25 Apr 2023 17:32

Tgt Ion: 65 Resp: 380397
Ion Ratio Lower Upper
65 100
67 51.2 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: VN077475.D

Acq: 25 Apr 2023 17:32

Instrument :

MSVOA_N

ClientSampleId :

FB-042023

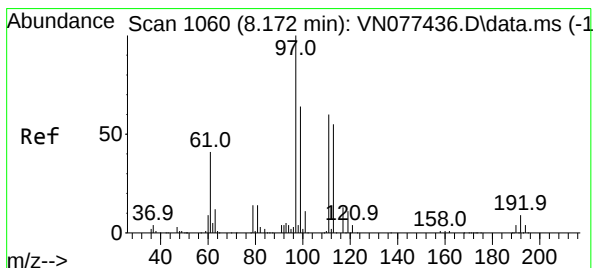
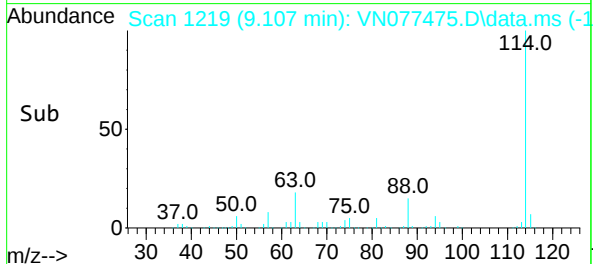
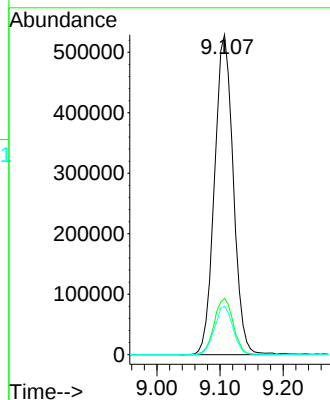
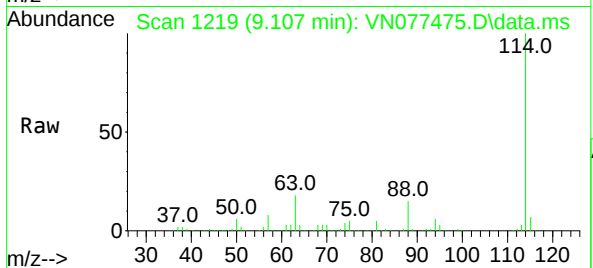
Tgt Ion:114 Resp: 1091429

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.006 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077475.D

Acq: 25 Apr 2023 17:32

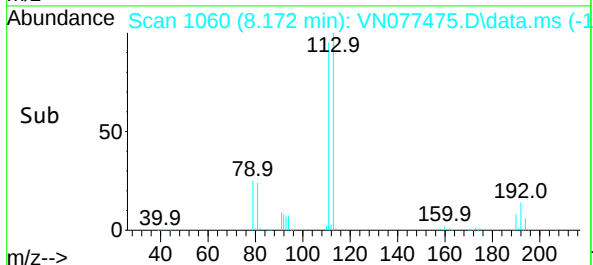
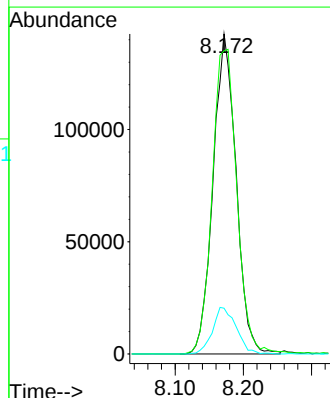
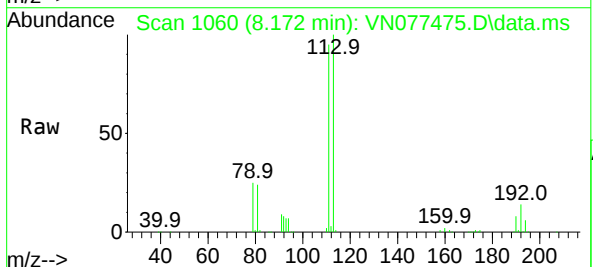
Tgt Ion:113 Resp: 334597

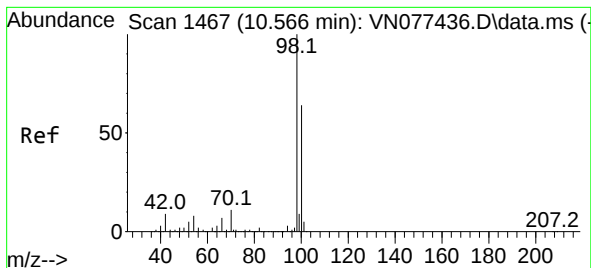
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 15.0 12.7 19.1





#50

Toluene-d8

Concen: 51.910 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077475.D

Acq: 25 Apr 2023 17:32

Instrument :

MSVOA_N

ClientSampleId :

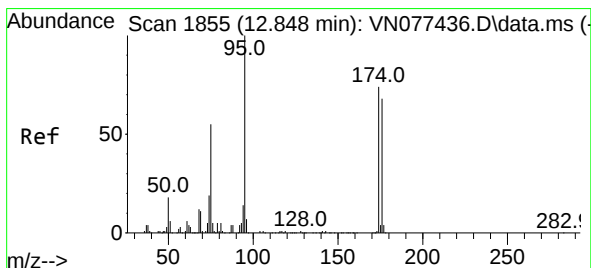
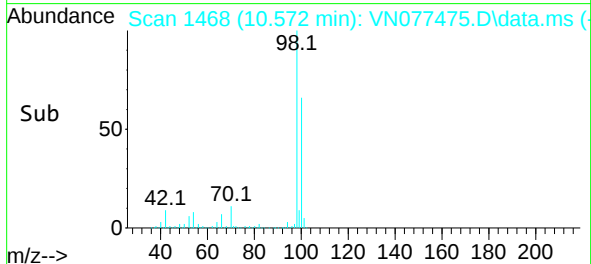
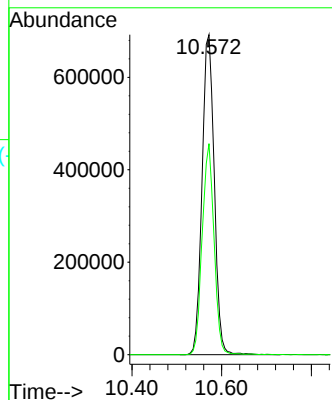
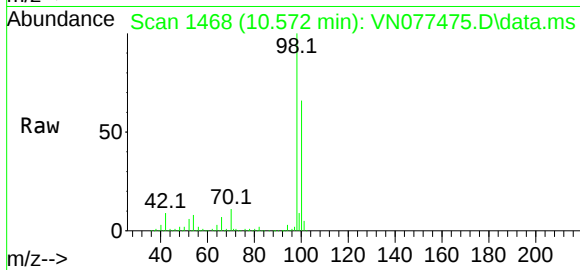
FB-042023

Tgt Ion: 98 Resp: 1305094

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.403 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077475.D

Acq: 25 Apr 2023 17:32

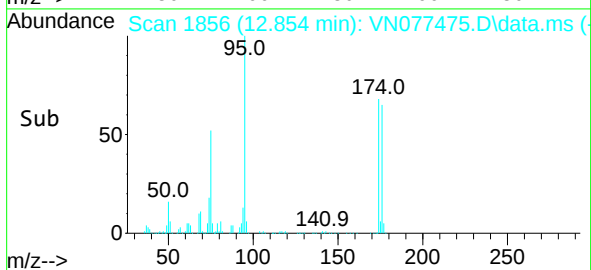
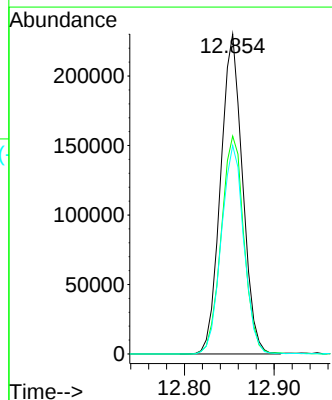
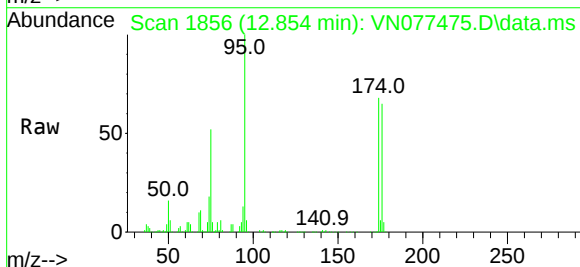
Tgt Ion: 95 Resp: 389926

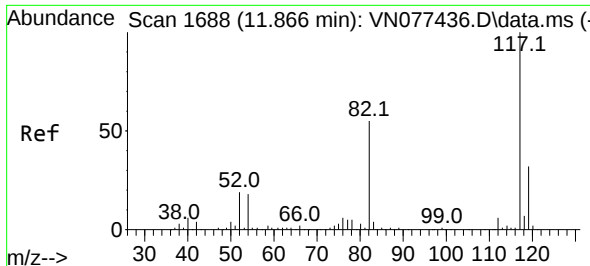
Ion Ratio Lower Upper

95 100

174 70.6 0.0 143.8

176 67.1 0.0 135.8

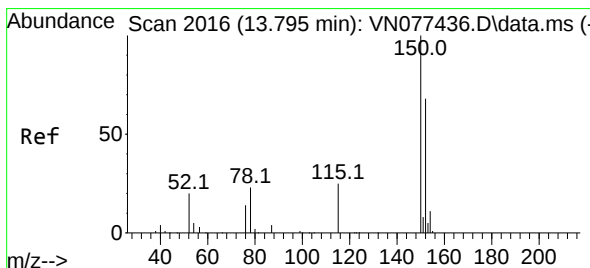
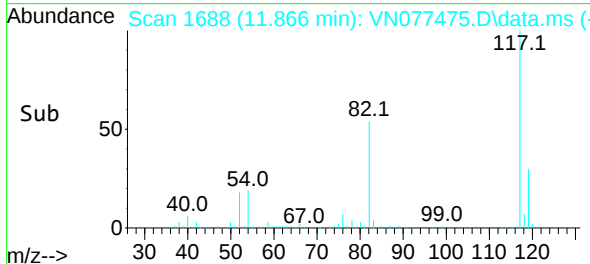
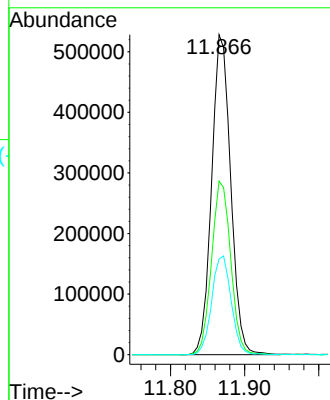
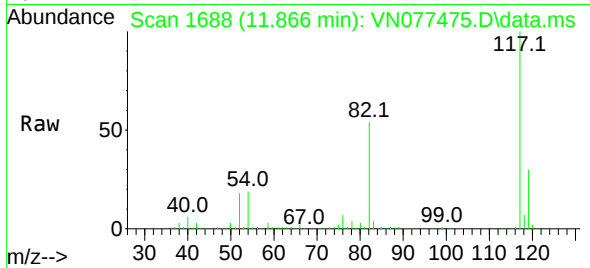




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077475.D
Acq: 25 Apr 2023 17:32

Instrument :
MSVOA_N
ClientSampleId :
FB-042023

Tgt Ion:117 Resp: 943390
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 29.9 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: VN077475.D
Acq: 25 Apr 2023 17:32

Tgt Ion:152 Resp: 320369
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 158.7 0.0 355.8

