

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042523\
 Data File : VN077476.D
 Acq On : 25 Apr 2023 17:57
 Operator : JC\MD
 Sample : 02460-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Apr 26 04:22:19 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	8.236	168	560260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1046136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	917484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.801	152	319765	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	377252	51.602	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.200%
35) Dibromofluoromethane	8.172	113	324373	51.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.180%
50) Toluene-d8	10.571	98	1256943	52.159	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.320%
62) 4-Bromofluorobenzene	12.854	95	379787	48.170	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%

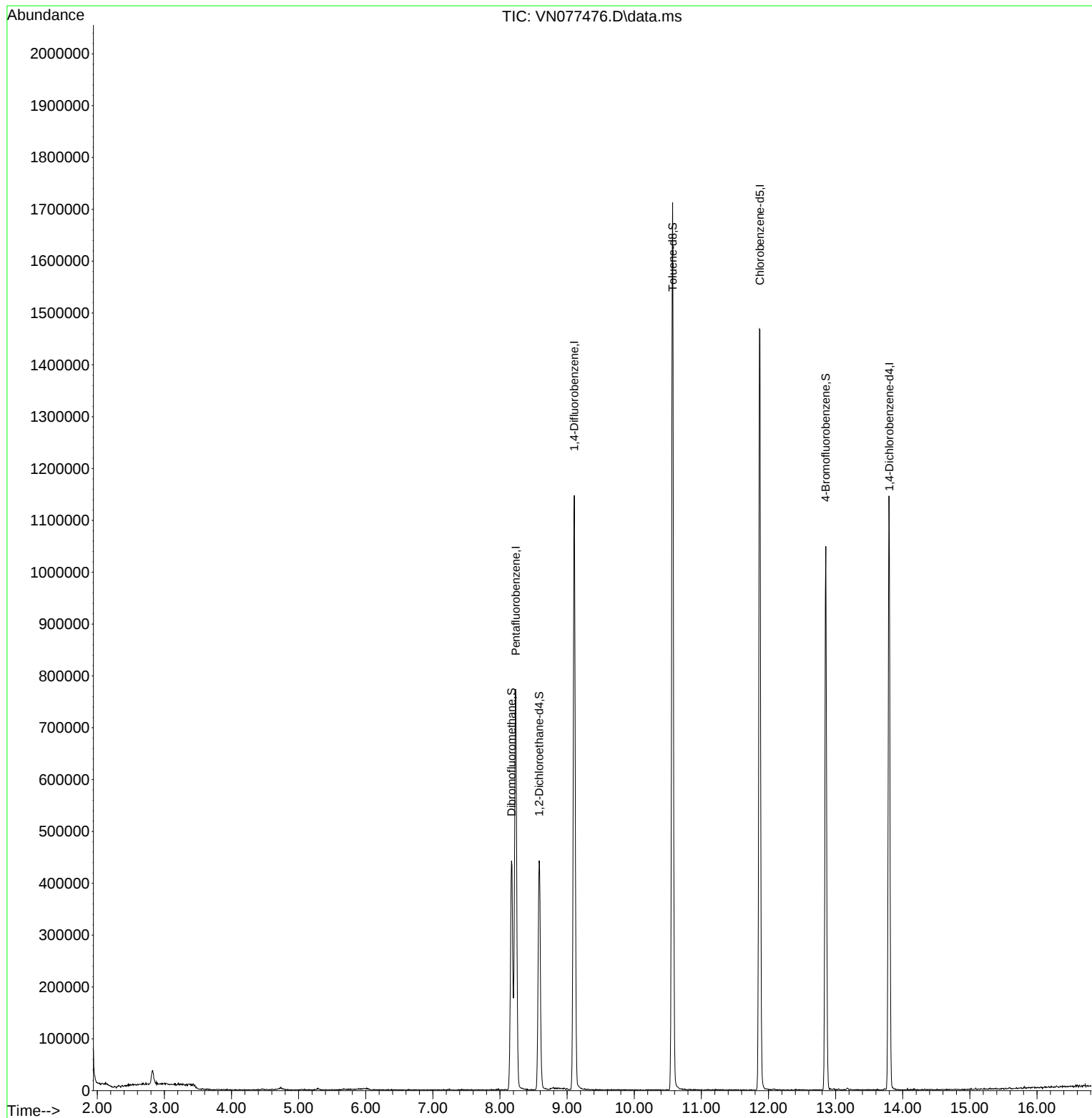
Target Compounds	Qvalue

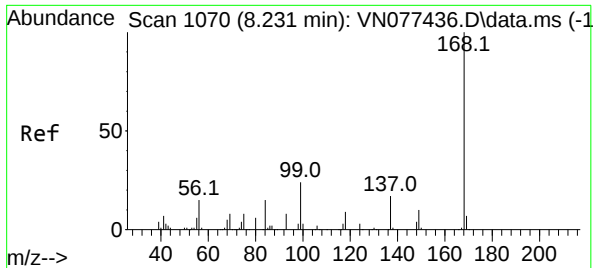
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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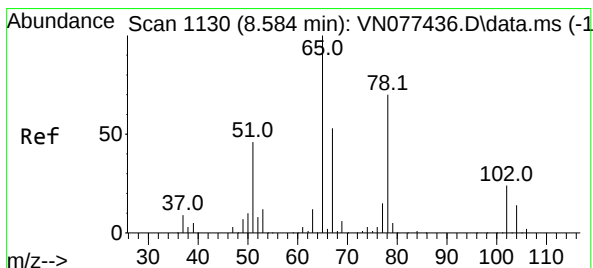
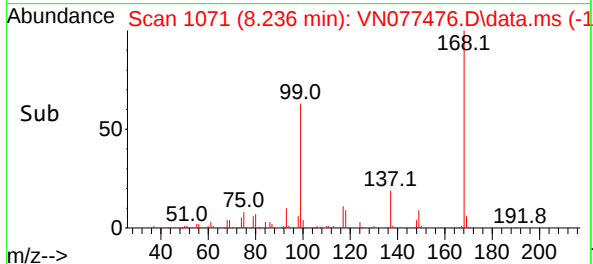
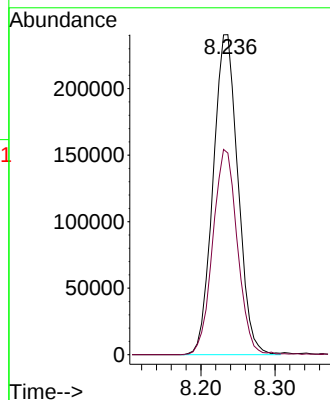
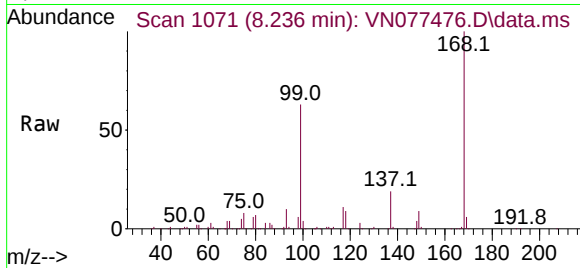




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1107
Delta R.T. 0.005 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

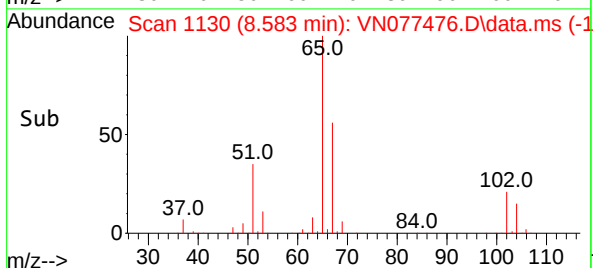
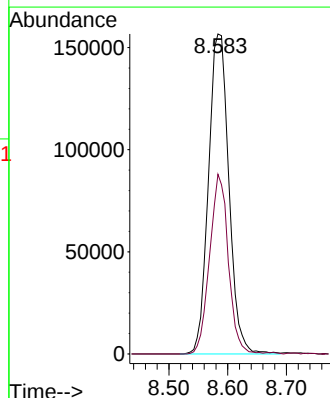
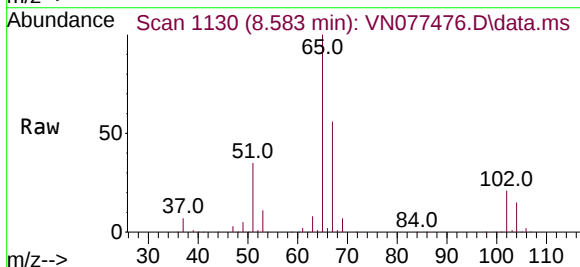
Instrument :
MSVOA_N
ClientSampleId :
MW-3

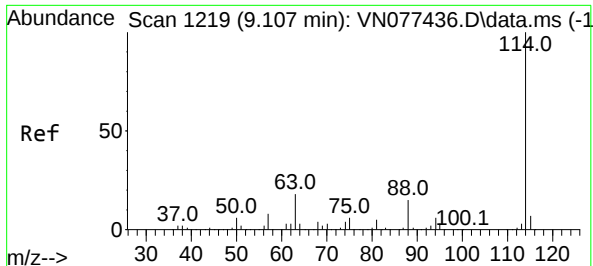
Tgt Ion:168 Resp: 560260
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.602 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

Tgt Ion: 65 Resp: 377252
Ion Ratio Lower Upper
65 100
67 51.5 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: VN077476.D

Acq: 25 Apr 2023 17:57

Instrument :

MSVOA_N

ClientSampleId :

MW-3

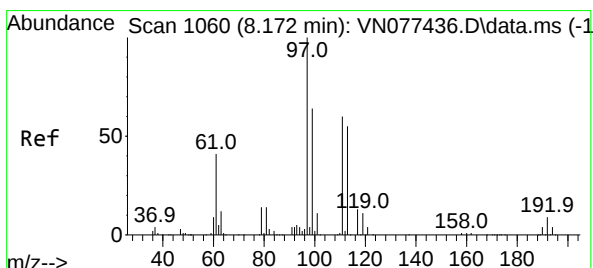
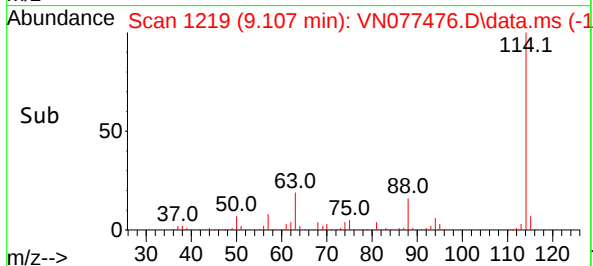
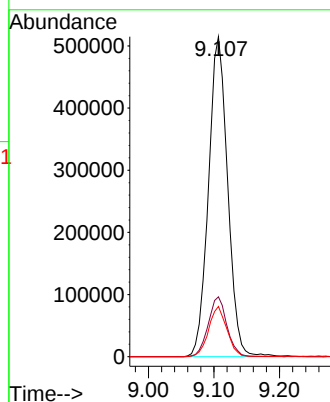
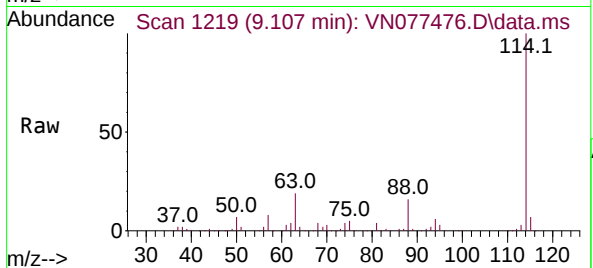
Tgt Ion:114 Resp: 1046136

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.588 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077476.D

Acq: 25 Apr 2023 17:57

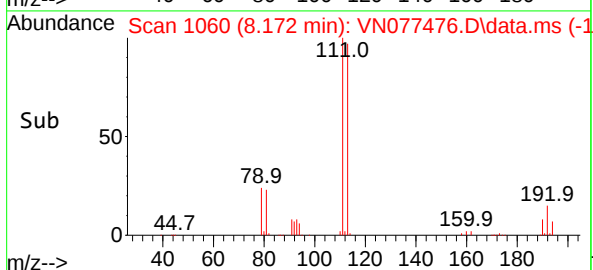
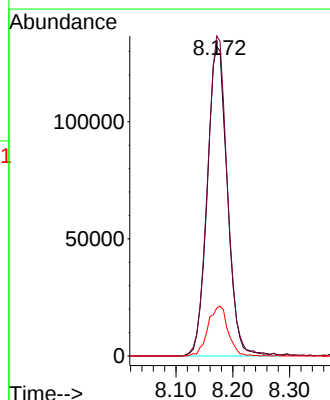
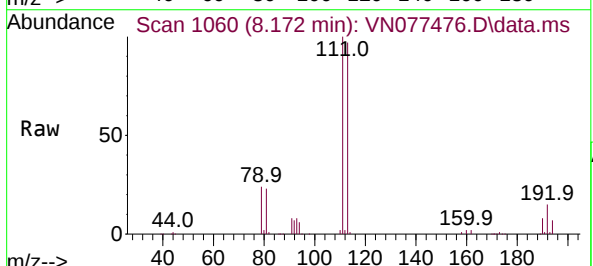
Tgt Ion:113 Resp: 324373

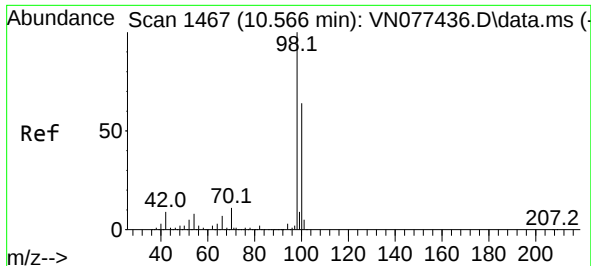
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 16.1 12.7 19.1

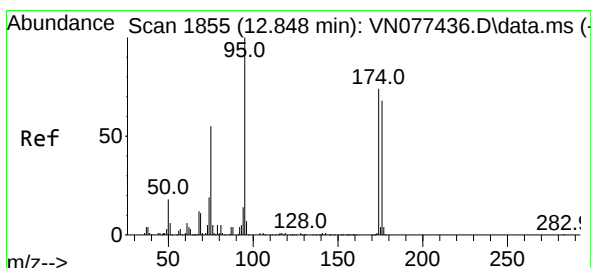
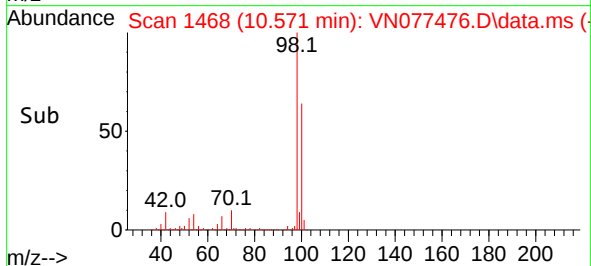
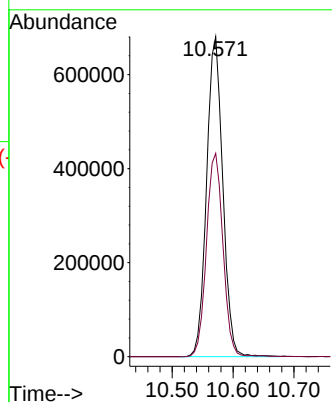
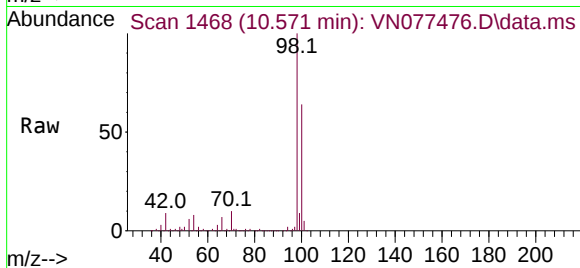




#50
Toluene-d8
Concen: 52.159 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

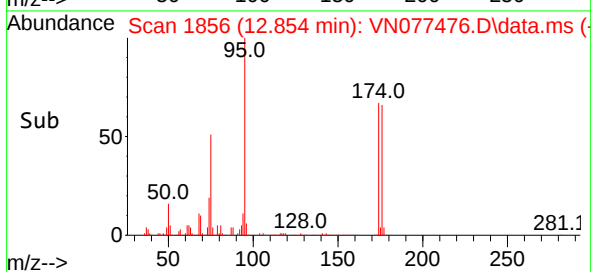
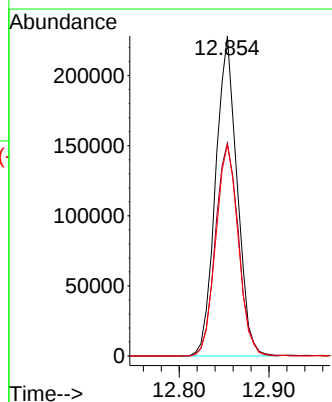
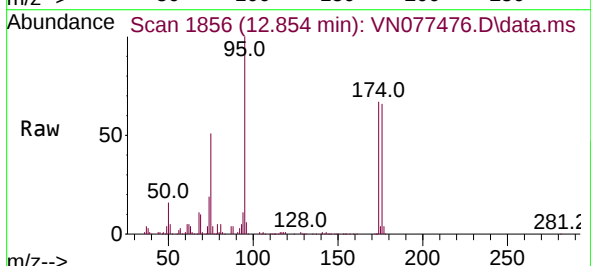
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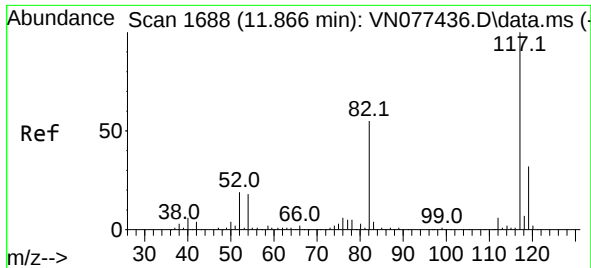
Tgt Ion: 98 Resp: 1256943
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.170 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

Tgt Ion: 95 Resp: 379787
Ion Ratio Lower Upper
95 100
174 71.3 0.0 143.8
176 68.9 0.0 135.8

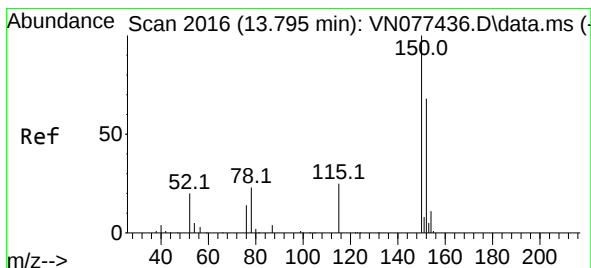
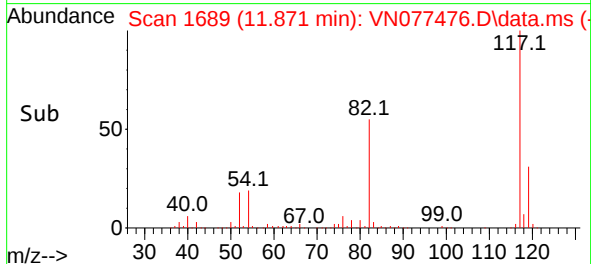
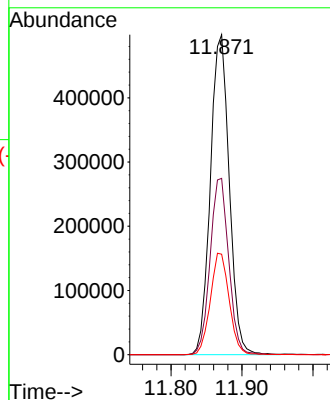
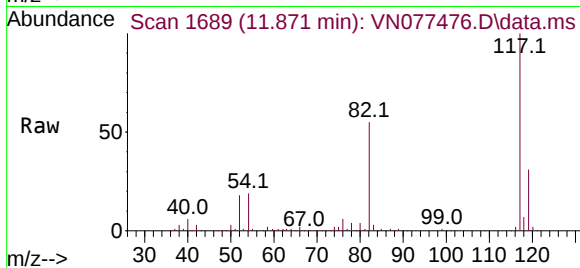




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 917484
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 31.4 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.801 min Scan# 2017
Delta R.T. 0.006 min
Lab File: VN077476.D
Acq: 25 Apr 2023 17:57

Tgt Ion:152 Resp: 319765
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 155.2 0.0 355.8

