

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077462.D
 Acq On : 25 Apr 2023 10:54
 Operator : JC\MD
 Sample : 02460-02 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Apr 25 14:07:29 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	561118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1066968	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	972106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	344579	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	366054	49.994	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.980%
35) Dibromofluoromethane	8.172	113	325367	50.736	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.480%
50) Toluene-d8	10.571	98	1296497	52.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.500%
62) 4-Bromofluorobenzene	12.854	95	408513	50.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%

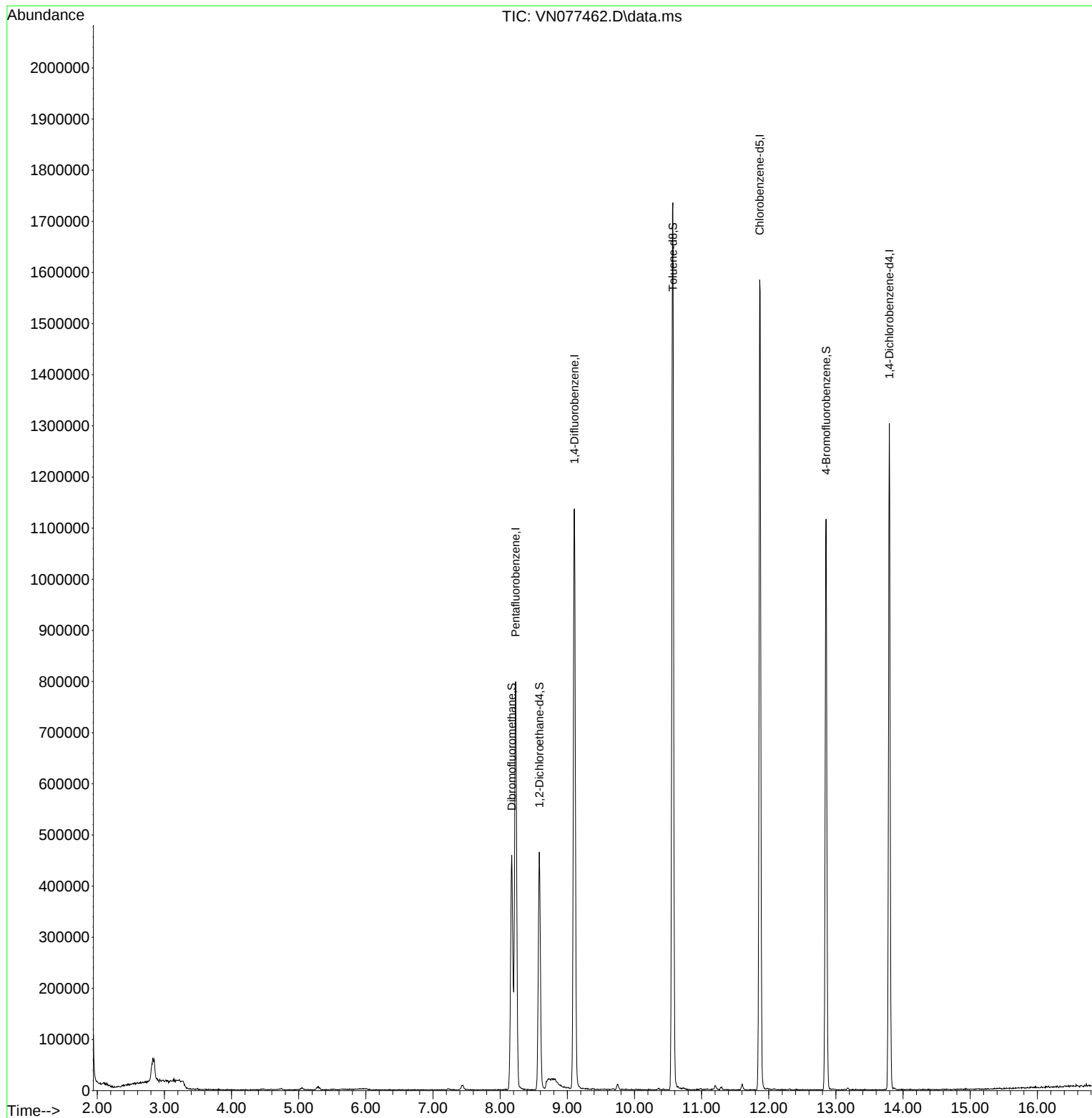
Target Compounds	Qvalue

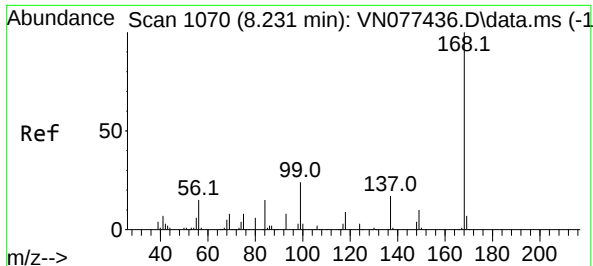
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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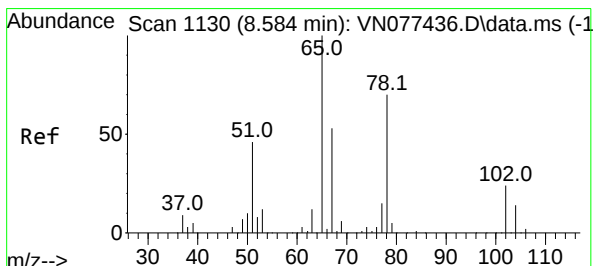
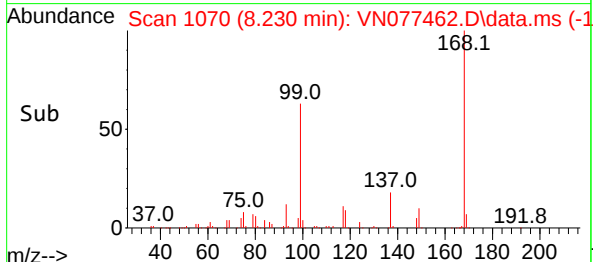
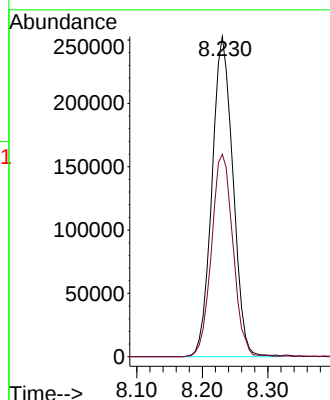
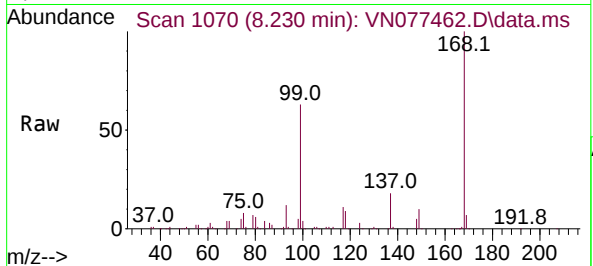




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077462.D
Acq: 25 Apr 2023 10:54

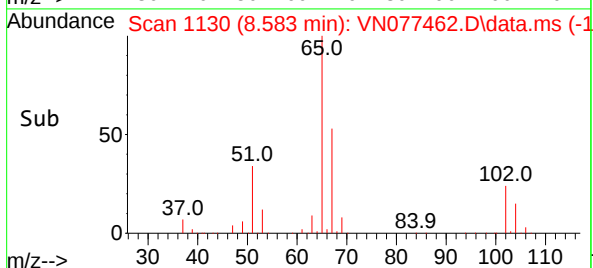
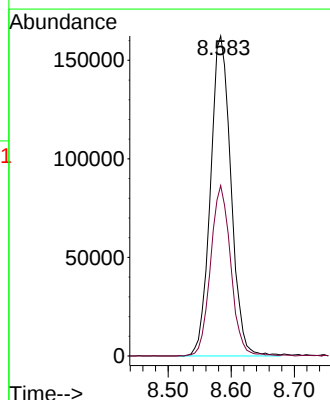
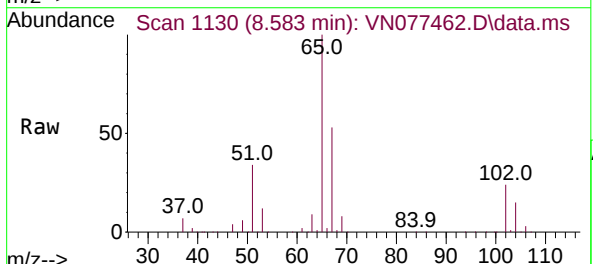
Instrument :
MSVOA_N
ClientSampleId :
MW-3

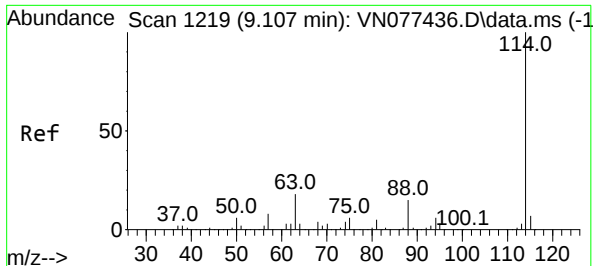
Tgt Ion:168 Resp: 561118
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.994 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077462.D
Acq: 25 Apr 2023 10:54

Tgt Ion: 65 Resp: 366054
Ion Ratio Lower Upper
65 100
67 52.3 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: VN077462.D

Acq: 25 Apr 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

MW-3

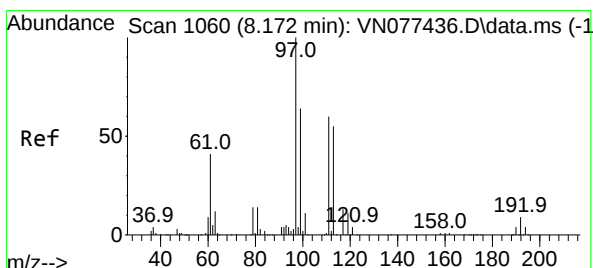
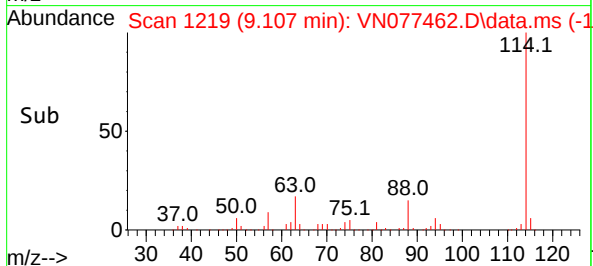
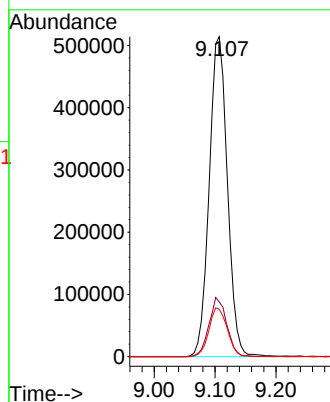
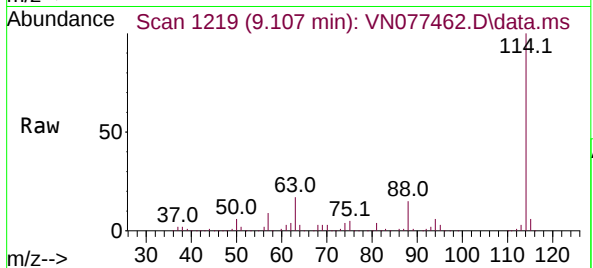
Tgt Ion:114 Resp: 1066968

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077462.D

Acq: 25 Apr 2023 10:54

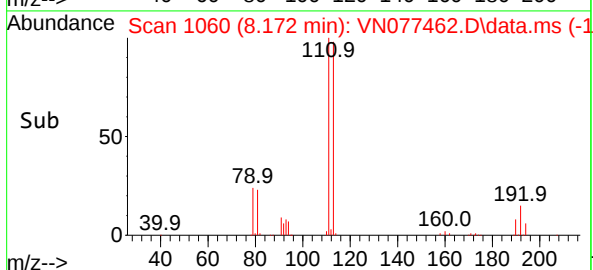
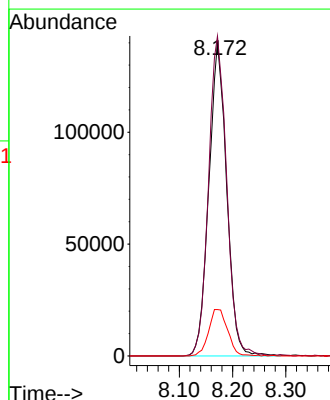
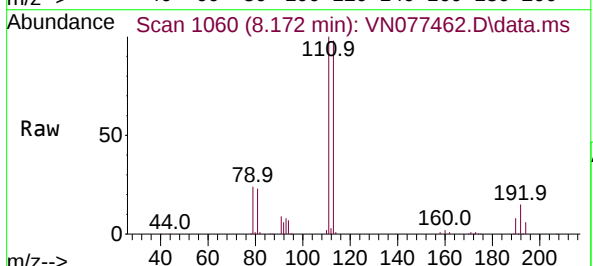
Tgt Ion:113 Resp: 325367

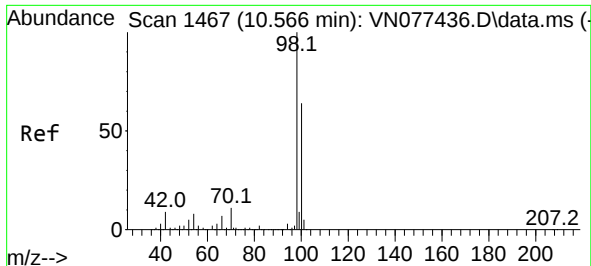
Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 15.8 12.7 19.1

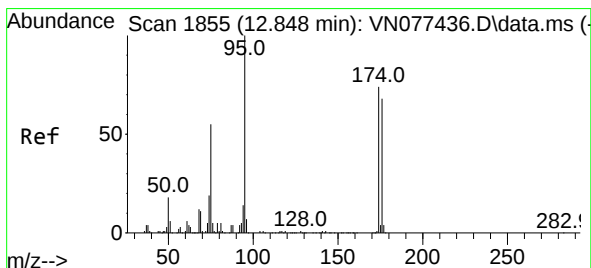
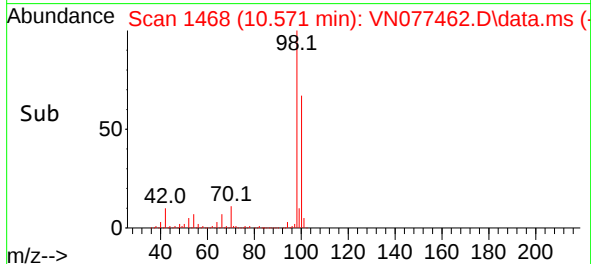
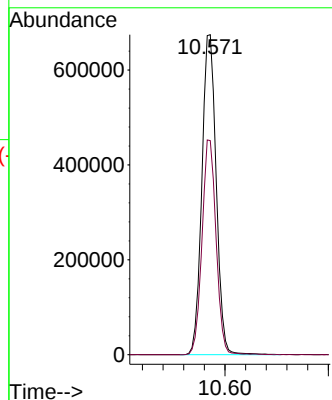
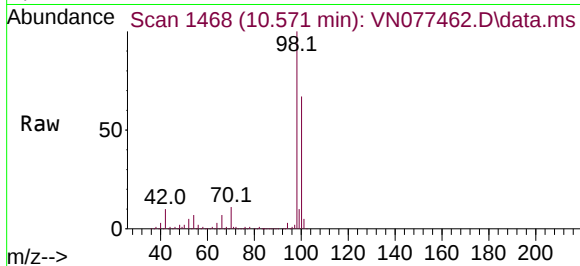




#50
Toluene-d8
Concen: 52.750 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077462.D
Acq: 25 Apr 2023 10:54

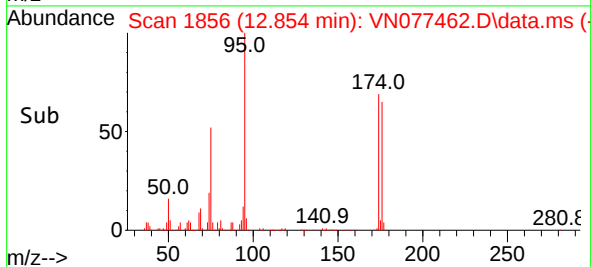
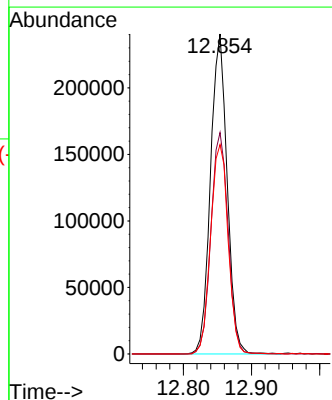
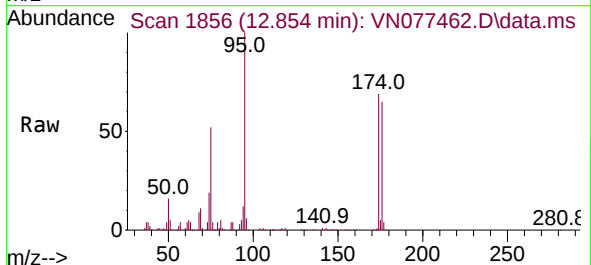
Instrument :
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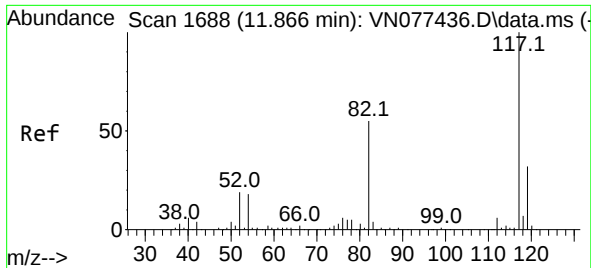
Tgt Ion: 98 Resp: 1296497
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.801 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077462.D
Acq: 25 Apr 2023 10:54

Tgt Ion: 95 Resp: 408513
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 68.9 0.0 135.8

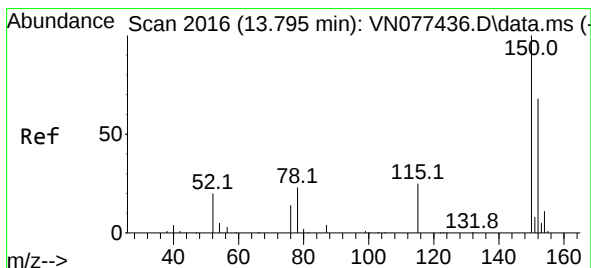
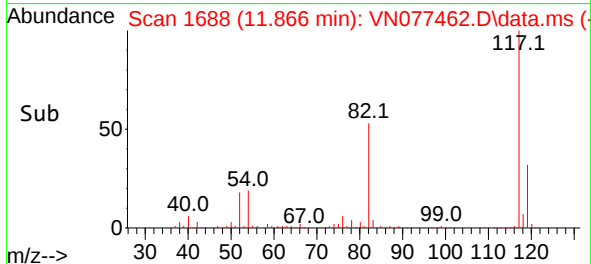
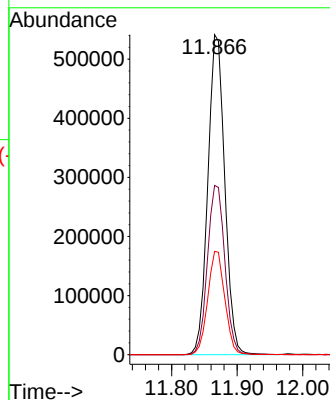
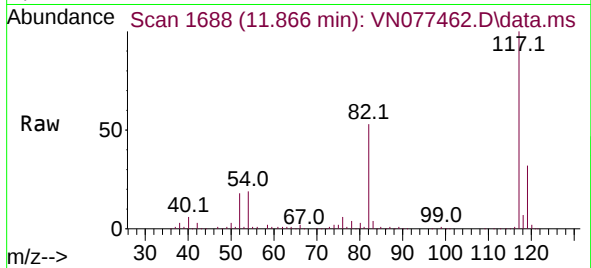




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077462.D
Acq: 25 Apr 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion:117 Resp: 972106
Ion Ratio Lower Upper
117 100
82 52.9 44.0 66.0
119 32.3 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: VN077462.D
Acq: 25 Apr 2023 10:54

Tgt Ion:152 Resp: 344579
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 160.2 0.0 355.8

