

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077717.D
 Acq On : 17 May 2023 16:31
 Operator : JC\MD
 Sample : 02831-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-3

Quant Time: May 18 01:39:58 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	8.230	168	355513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	661653	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	579387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231244	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	252206	47.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.820%
35) Dibromofluoromethane	8.171	113	204095	47.304	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.600%
50) Toluene-d8	10.577	98	804025	48.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.859	95	266099	45.368	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.740%

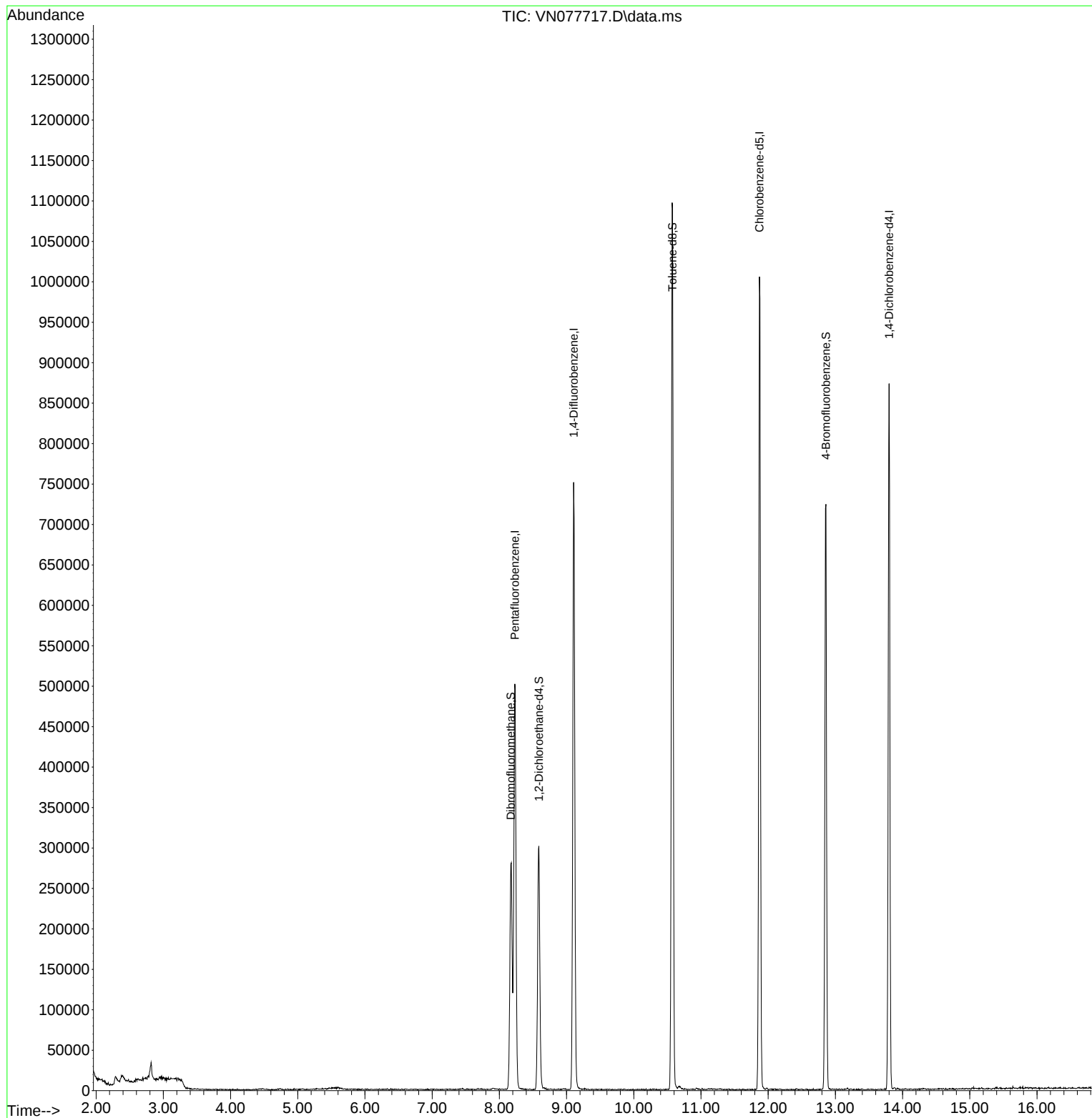
Target Compounds	Qvalue

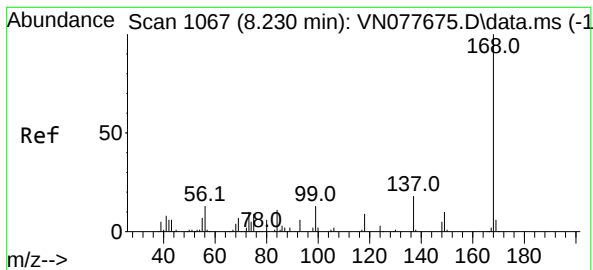
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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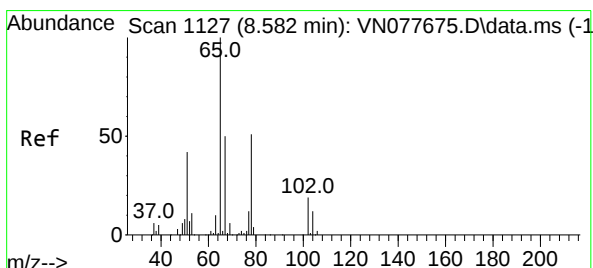
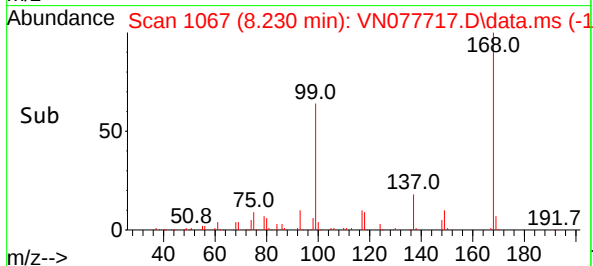
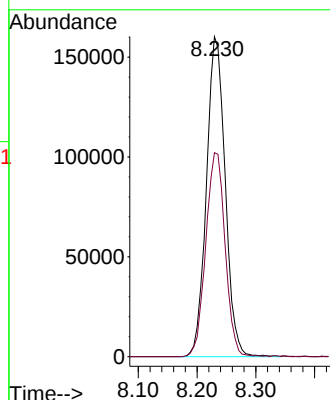
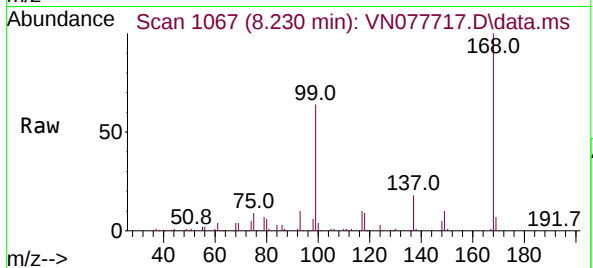




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077717.D
Acq: 17 May 2023 16:31

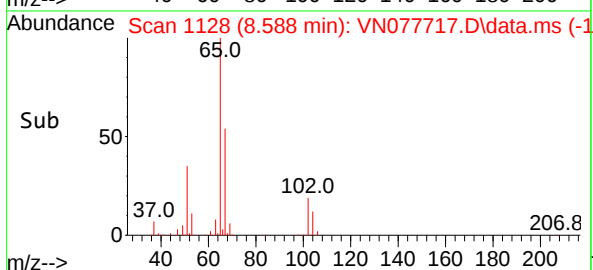
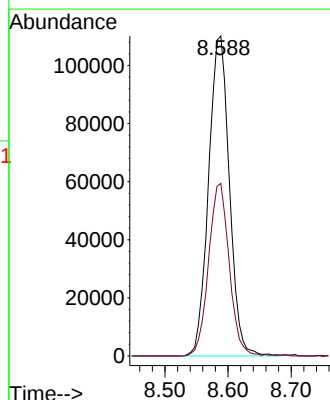
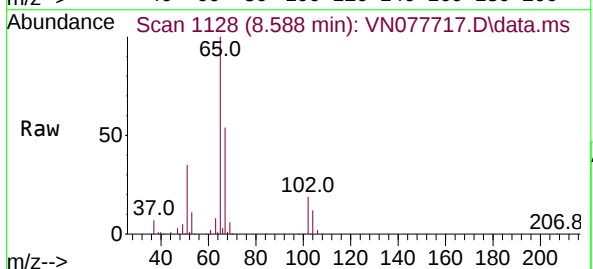
Instrument :
MSVOA_N
ClientSampleId :
MP-3

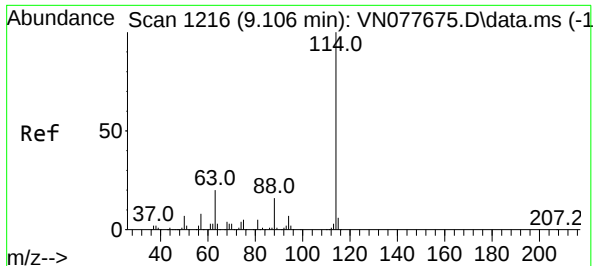
Tgt Ion:168 Resp: 355513
Ion Ratio Lower Upper
168 100
99 63.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.413 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077717.D
Acq: 17 May 2023 16:31

Tgt Ion: 65 Resp: 252206
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077717.D

Acq: 17 May 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

MP-3

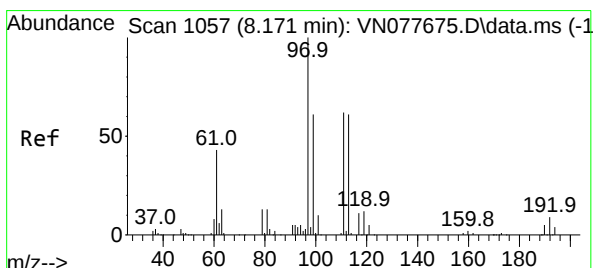
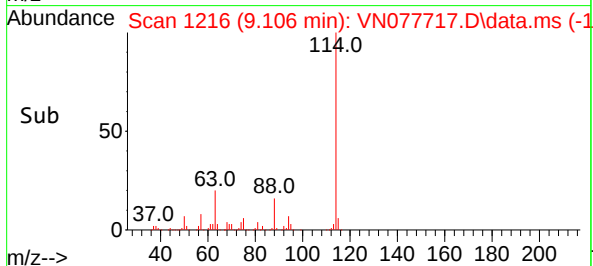
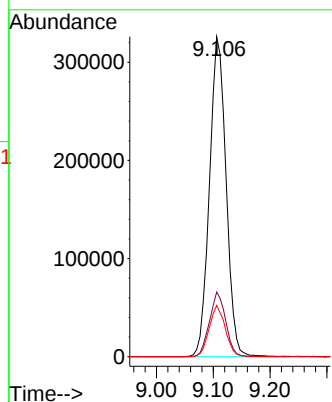
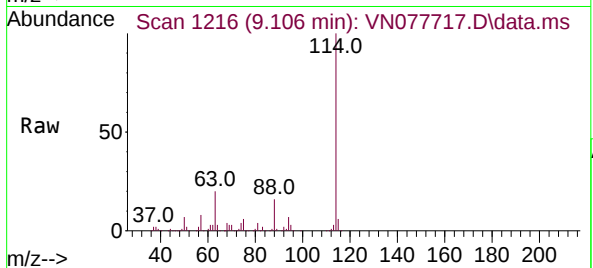
Tgt Ion:114 Resp: 661653

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 16.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 47.304 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077717.D

Acq: 17 May 2023 16:31

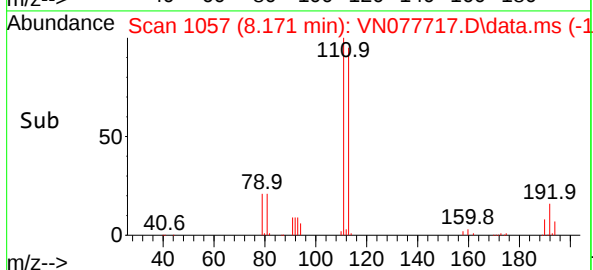
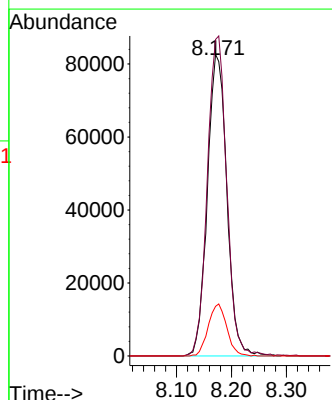
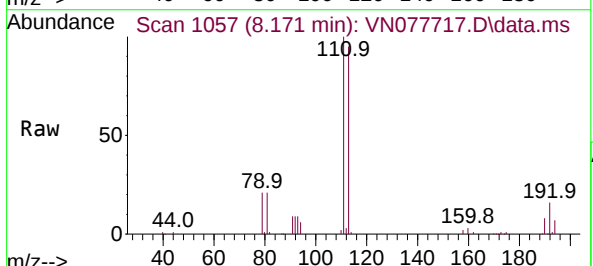
Tgt Ion:113 Resp: 204095

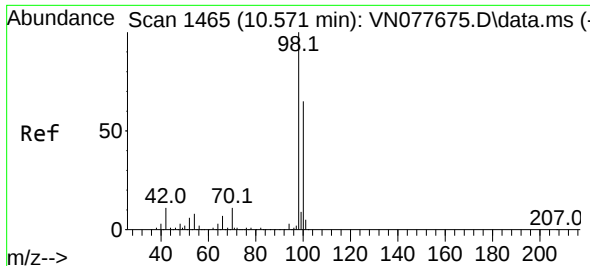
Ion Ratio Lower Upper

113 100

111 105.0 82.6 123.8

192 16.4 12.7 19.1

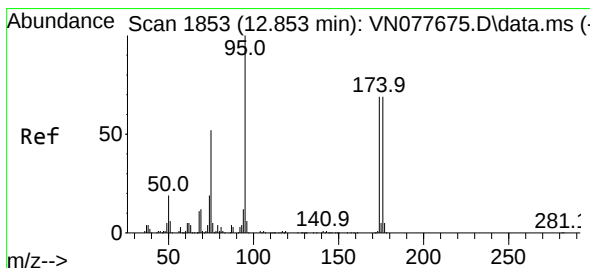
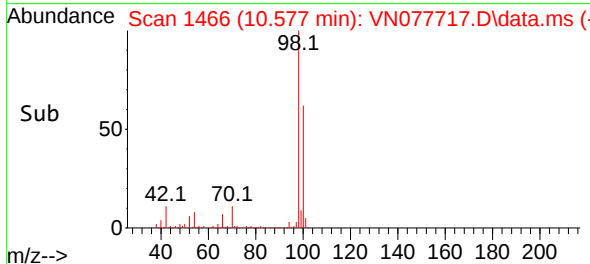
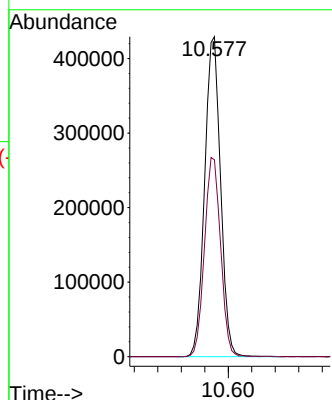
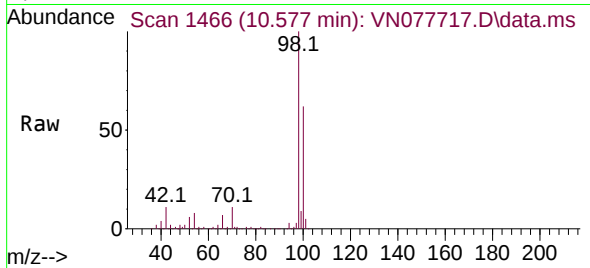




#50
Toluene-d8
Concen: 48.415 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN077717.D
Acq: 17 May 2023 16:31

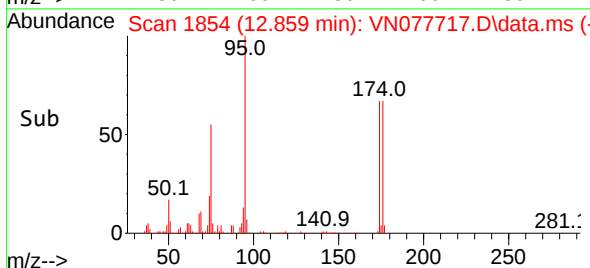
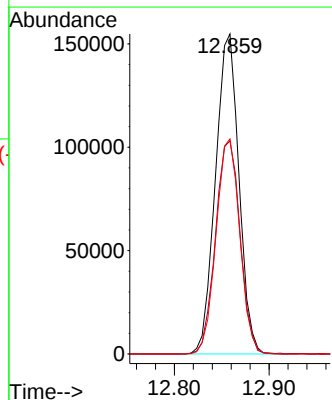
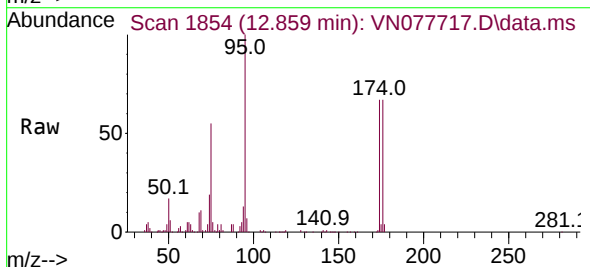
Instrument :
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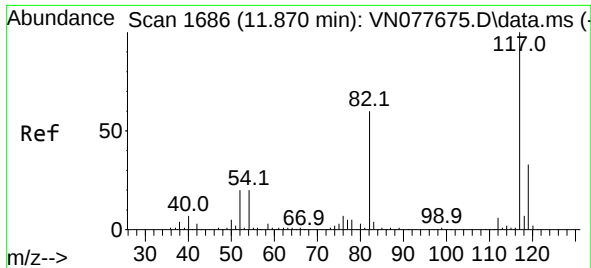
Tgt Ion: 98 Resp: 804025
Ion Ratio Lower Upper
98 100
100 63.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077717.D
Acq: 17 May 2023 16:31

Tgt Ion: 95 Resp: 266099
Ion Ratio Lower Upper
95 100
174 69.8 0.0 143.8
176 67.9 0.0 135.8

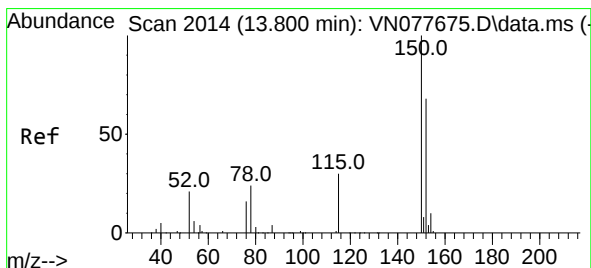
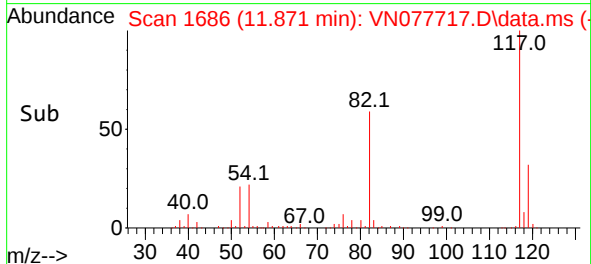
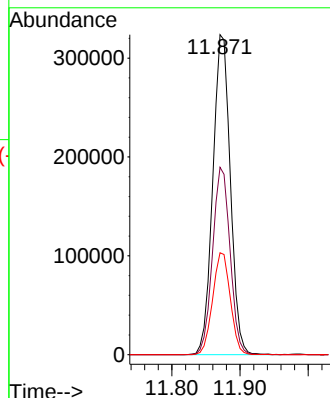
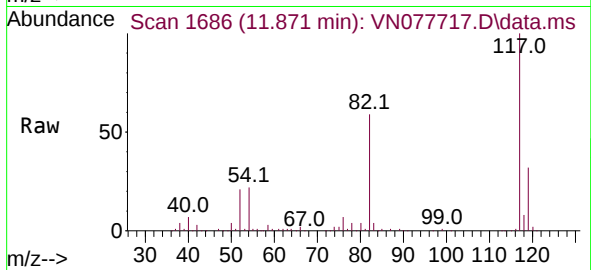




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077717.D
Acq: 17 May 2023 16:31

Instrument :
MSVOA_N
ClientSampleId :
MP-3

Tgt Ion:117 Resp: 579387
Ion Ratio Lower Upper
117 100
82 58.5 44.0 66.0
119 31.9 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: VN077717.D
Acq: 17 May 2023 16:31

Tgt Ion:152 Resp: 231244
Ion Ratio Lower Upper
152 100
115 63.3 32.3 96.8
150 156.6 0.0 355.8

