

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051723\
 Data File : VN077715.D
 Acq On : 17 May 2023 15:43
 Operator : JC\MD
 Sample : 02831-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MP-1

Quant Time: May 18 01:39:42 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	8.236	168	360050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	639645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	556436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	207273	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	248567	46.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.280%
35) Dibromofluoromethane	8.171	113	205063	49.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	10.571	98	782667	48.750	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.500%
62) 4-Bromofluorobenzene	12.859	95	247992	43.736	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.480%

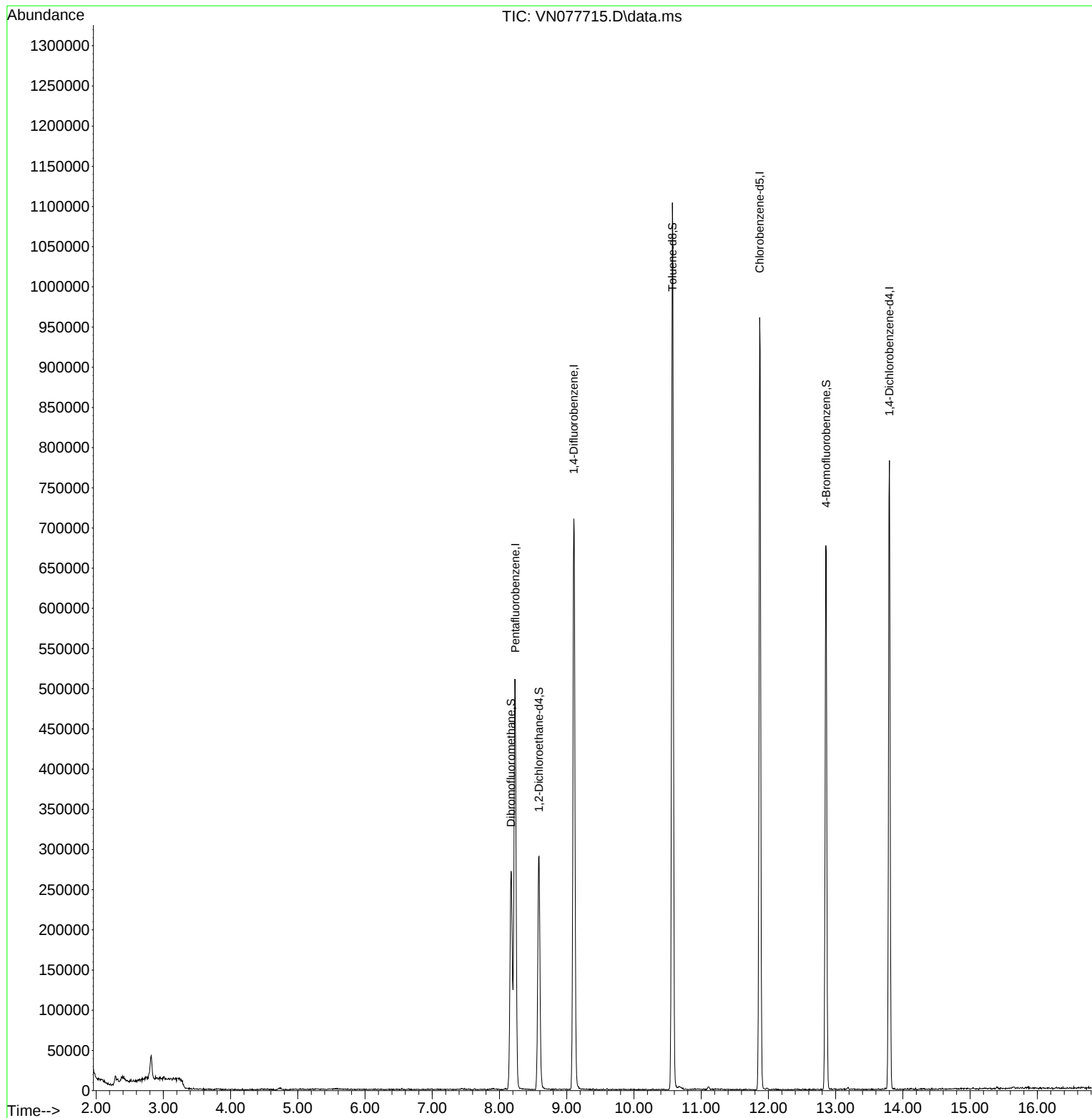
Target Compounds	Qvalue

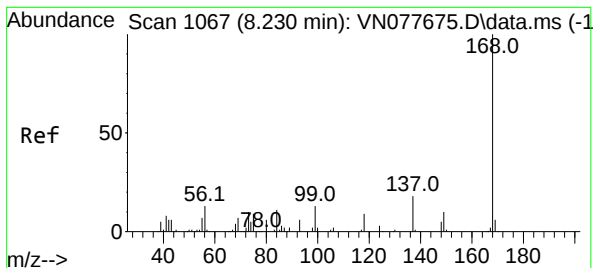
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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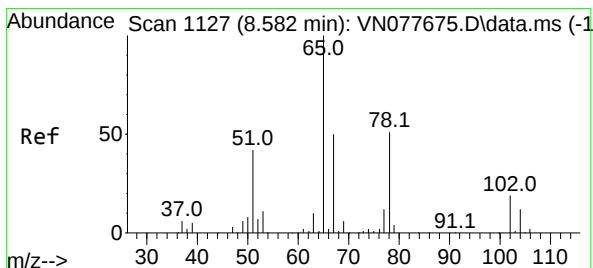
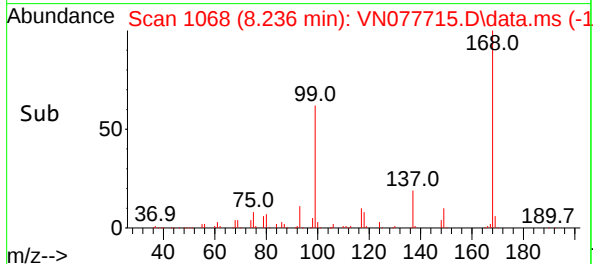
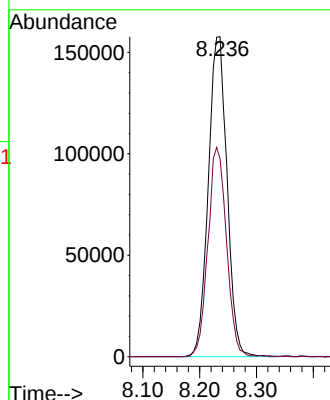
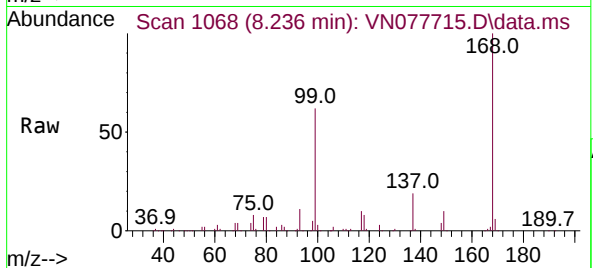




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

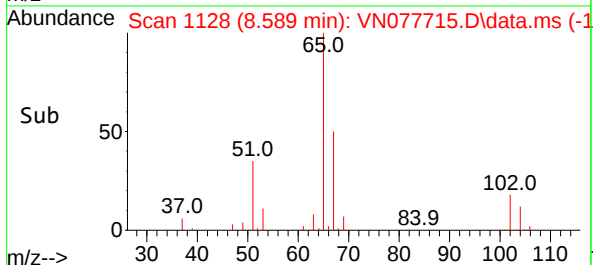
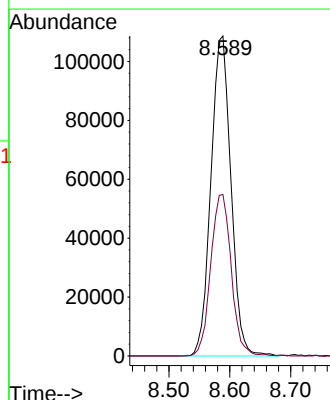
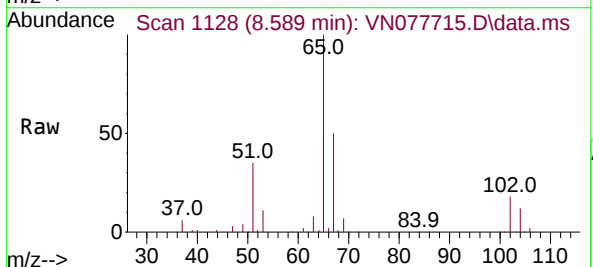
Instrument :
MSVOA_N
ClientSampleId :
MP-1

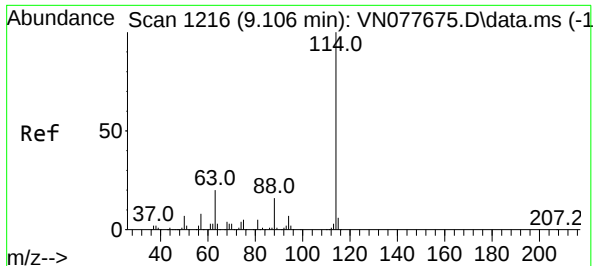
Tgt Ion:168 Resp: 360050
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.140 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.007 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

Tgt Ion: 65 Resp: 248567
Ion Ratio Lower Upper
65 100
67 51.6 0.0 106.6

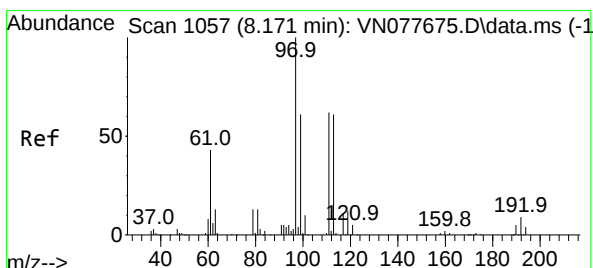
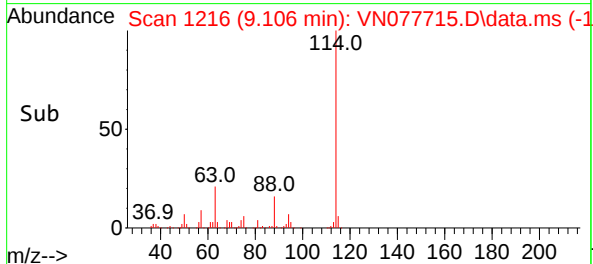
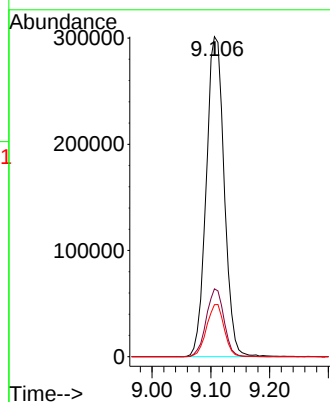
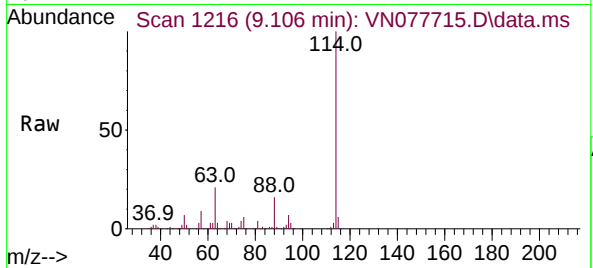




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

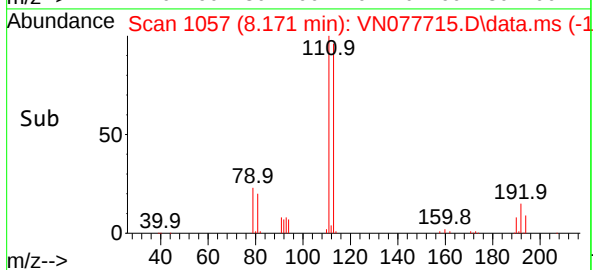
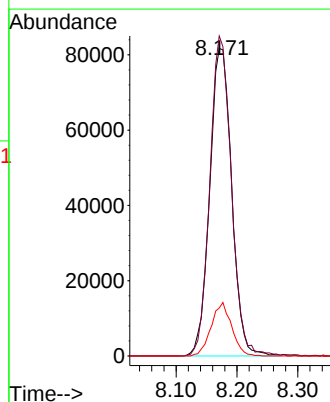
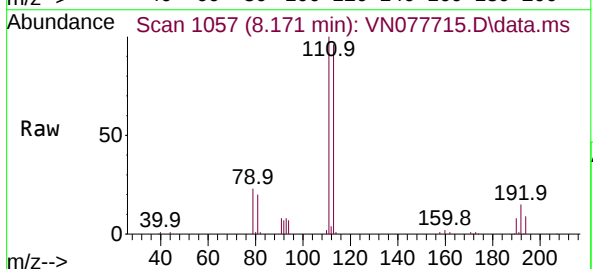
Instrument :
MSVOA_N
ClientSampleId :
MP-1

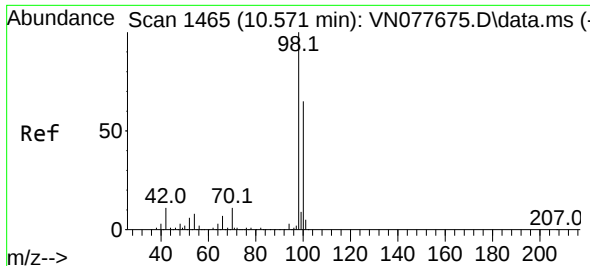
Tgt Ion:114 Resp: 639645
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 16.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.163 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

Tgt Ion:113 Resp: 205063
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 16.2 12.7 19.1

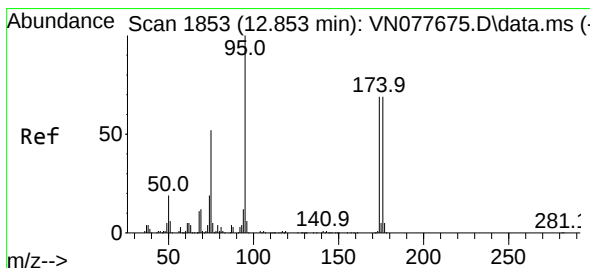
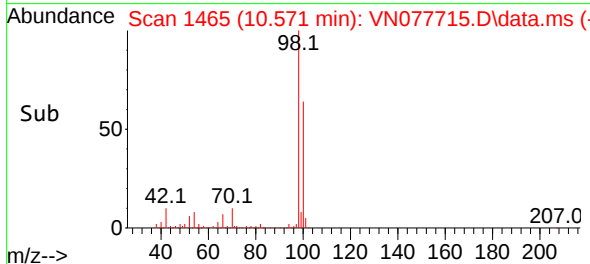
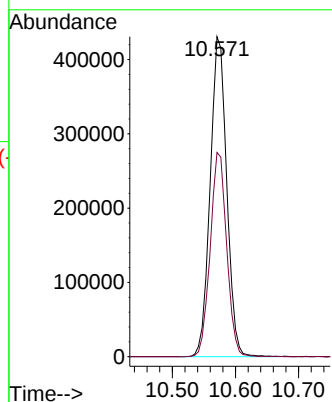
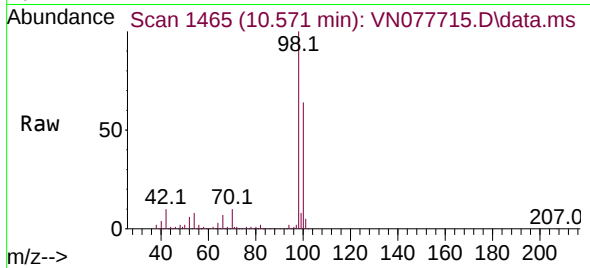




#50
Toluene-d8
Concen: 48.750 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

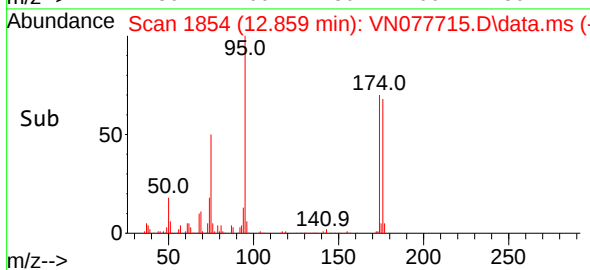
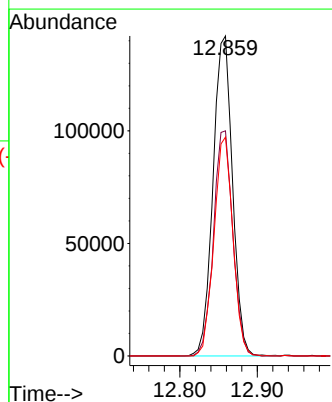
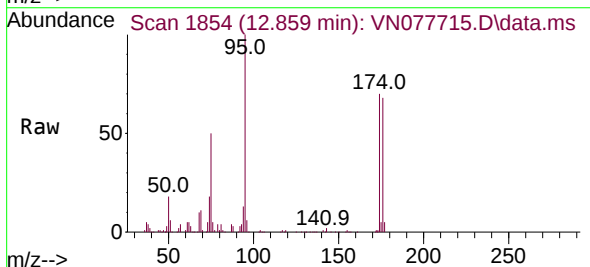
Instrument :
MSVOA_N
ClientSampleId :
MP-1

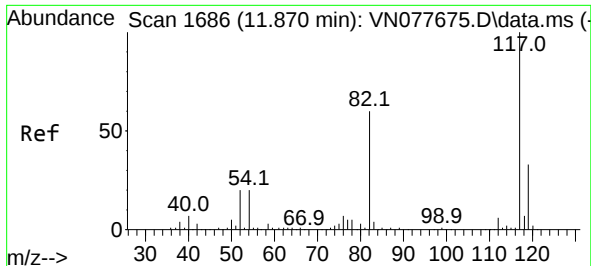
Tgt Ion: 98 Resp: 782667
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.736 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

Tgt Ion: 95 Resp: 247992
Ion Ratio Lower Upper
95 100
174 69.7 0.0 143.8
176 66.7 0.0 135.8

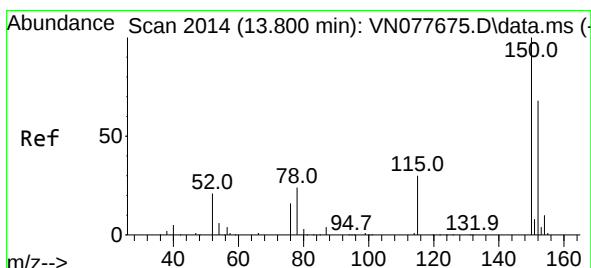
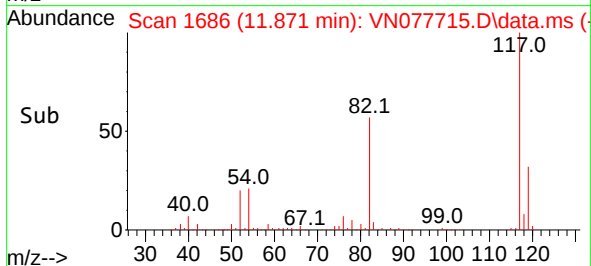
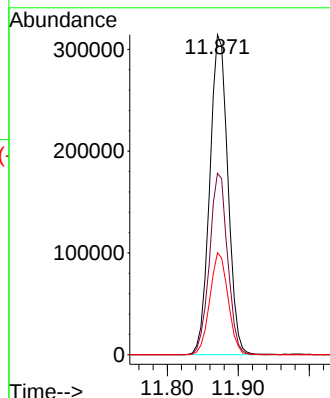
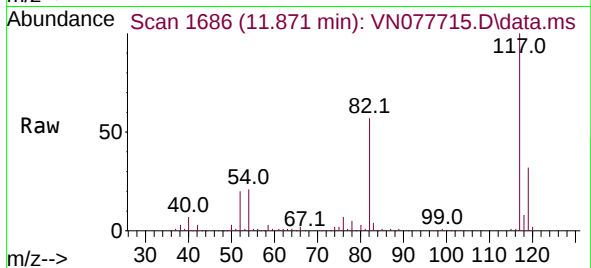




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.001 min
Lab File: VN077715.D
Acq: 17 May 2023 15:43

Instrument :
MSVOA_N
ClientSampleId :
MP-1

Tgt Ion:117 Resp: 556436
Ion Ratio Lower Upper
117 100
82 56.7 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: VN077715.D
Acq: 17 May 2023 15:43

Tgt Ion:152 Resp: 207273
Ion Ratio Lower Upper
152 100
115 62.9 32.3 96.8
150 155.0 0.0 355.8

