

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN078001.D
 Acq On : 31 May 2023 18:31
 Operator : JC\MD
 Sample : 02910-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW33S-20230523

Quant Time: Jun 01 01:57:29 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	370861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	680844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.877	117	596231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186361	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	259438	46.754	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.500%
35) Dibromofluoromethane	8.177	113	225593	50.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	10.577	98	853808	49.963	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.859	95	272394	45.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.260%

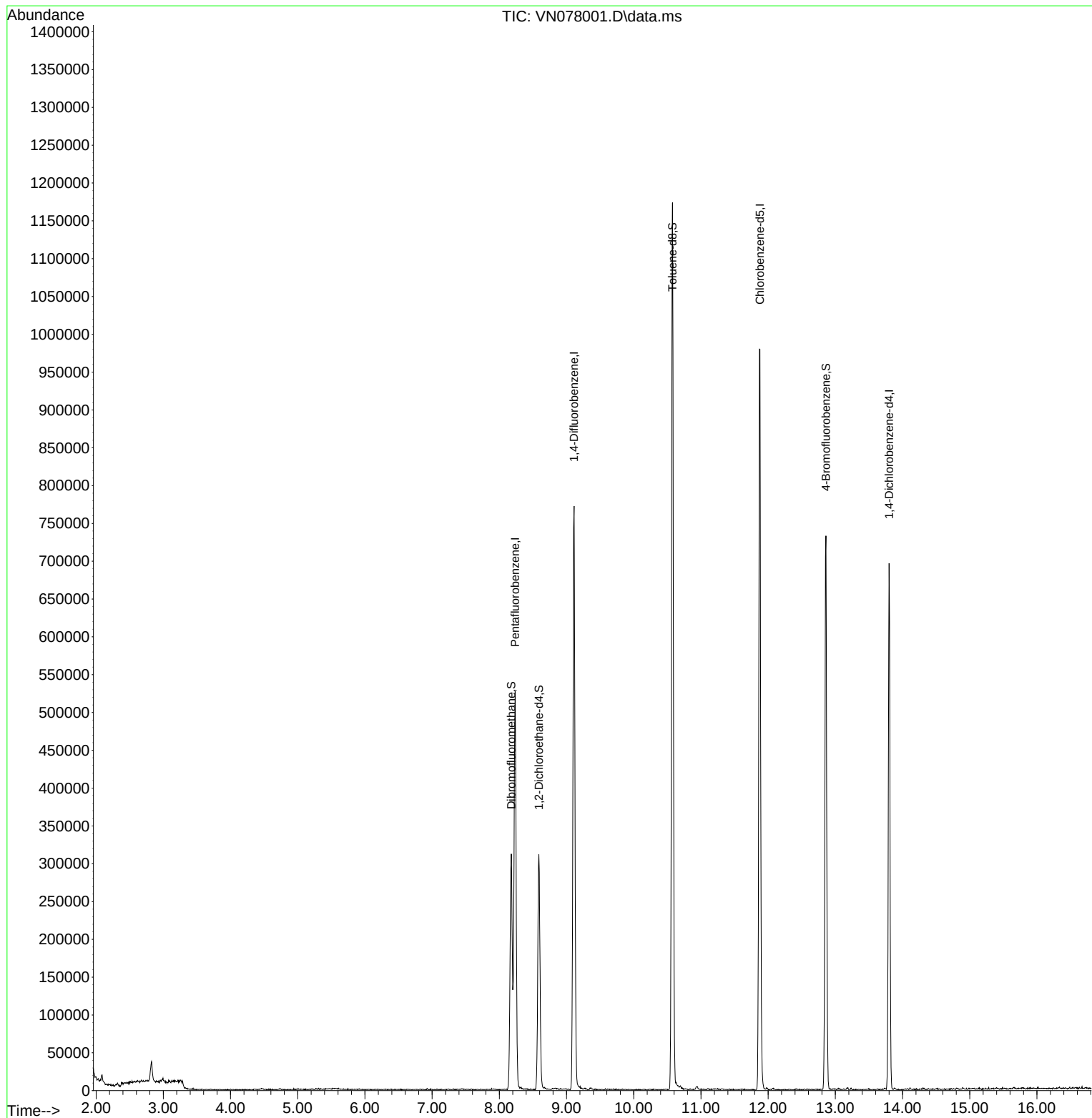
Target Compounds	Qvalue

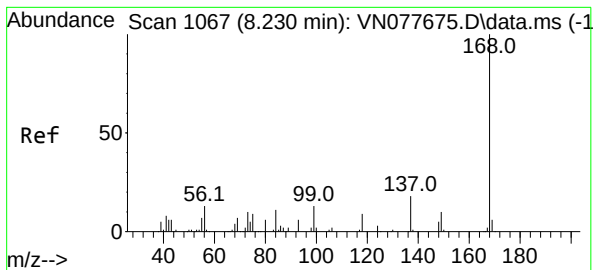
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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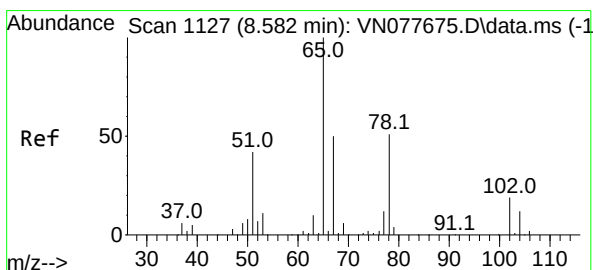
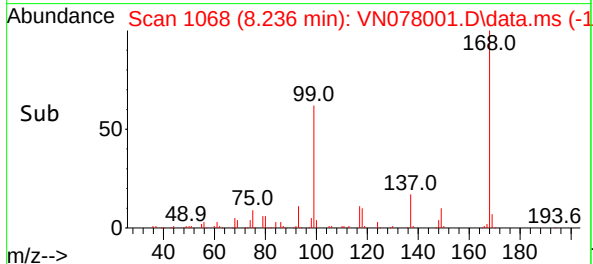
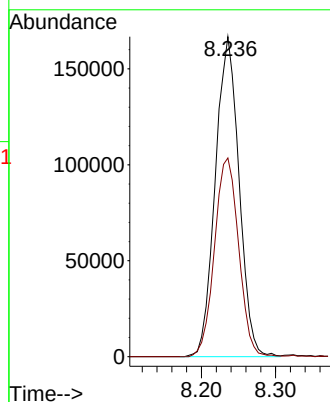
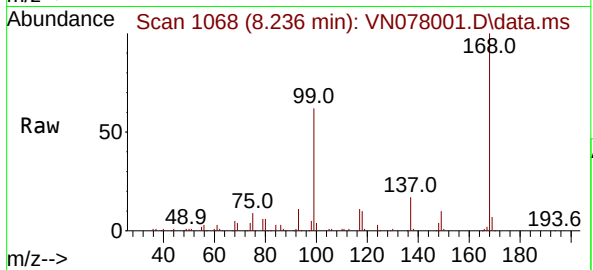




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

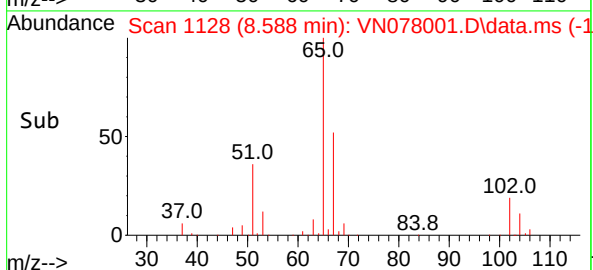
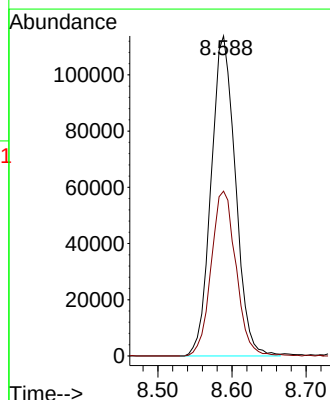
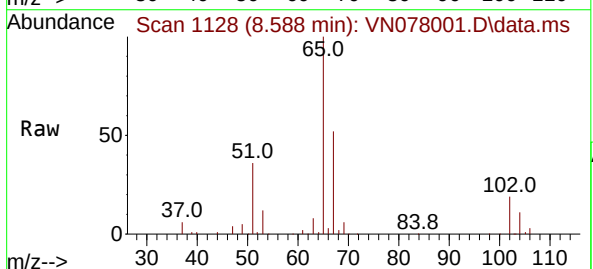
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

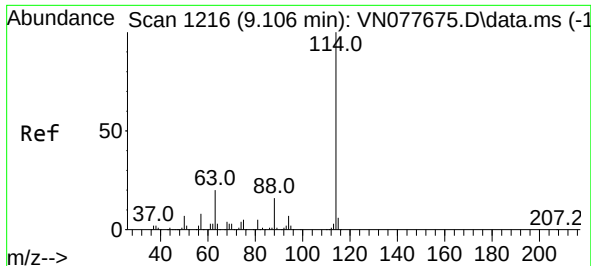
Tgt Ion:168 Resp: 370861
Ion Ratio Lower Upper
168 100
99 62.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.754 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion: 65 Resp: 259438
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6

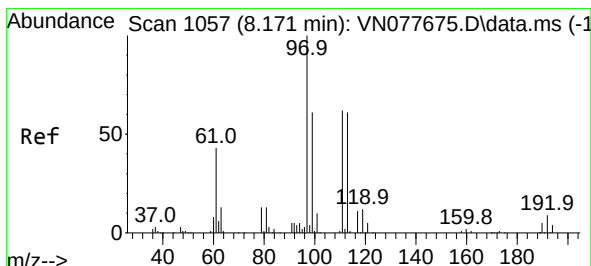
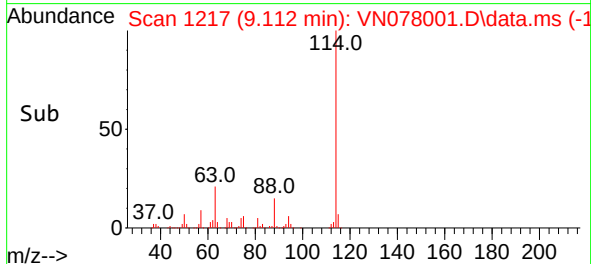
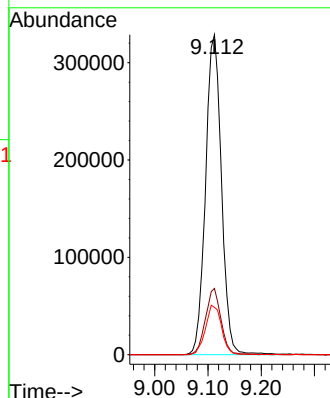
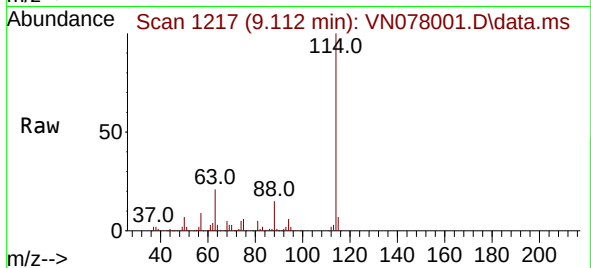




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

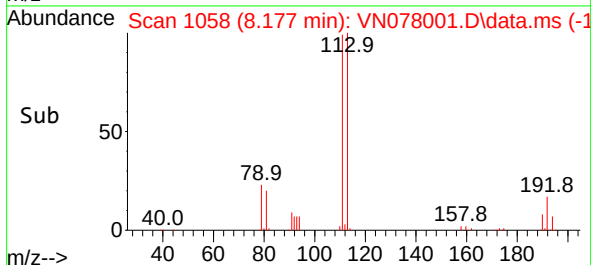
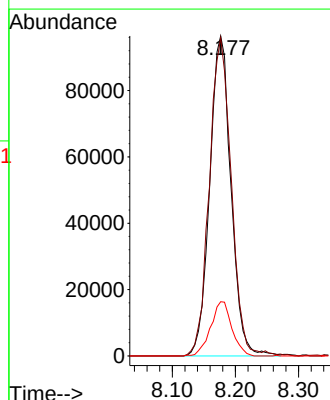
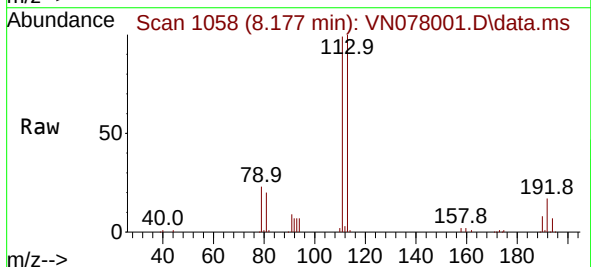
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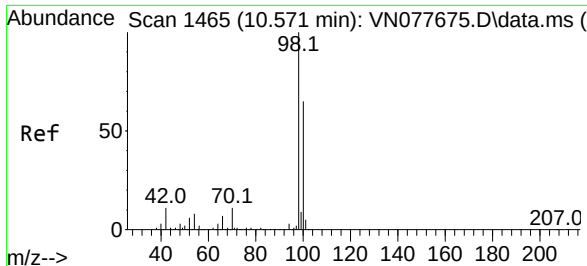
Tgt Ion:114 Resp: 680844
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.4
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.813 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion:113 Resp: 225593
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 16.9 12.7 19.1

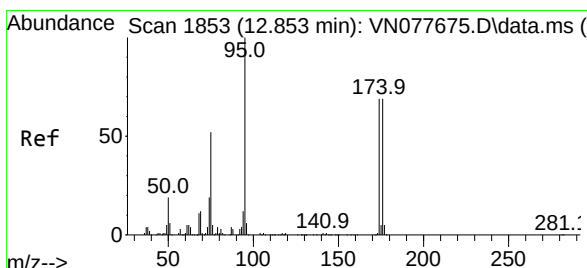
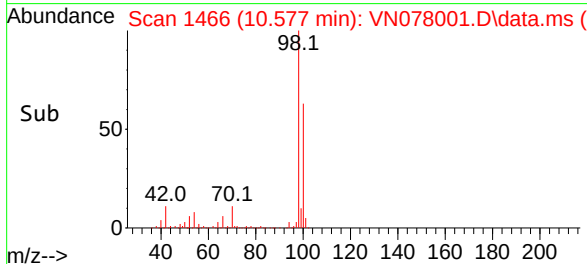
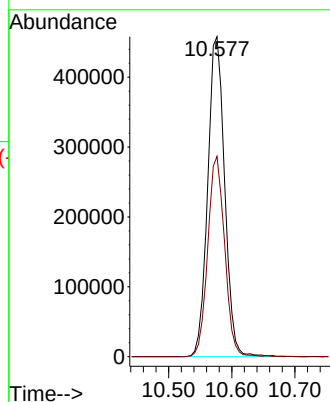
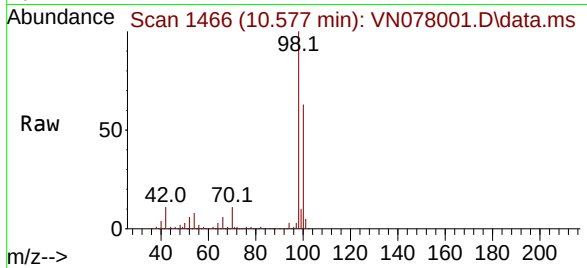




#50
Toluene-d8
Concen: 49.963 ug/l
RT: 10.577 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

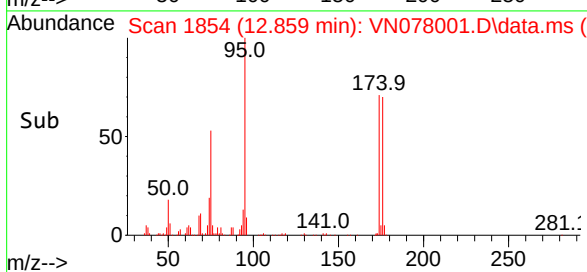
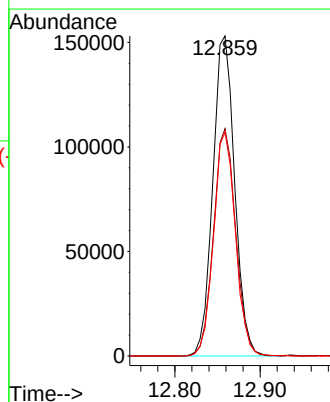
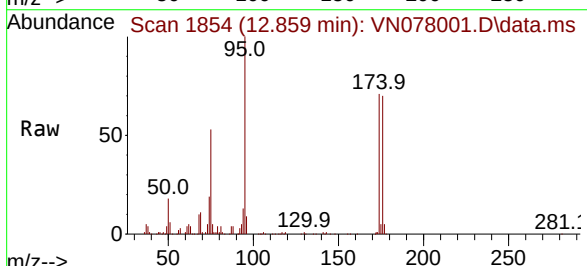
Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

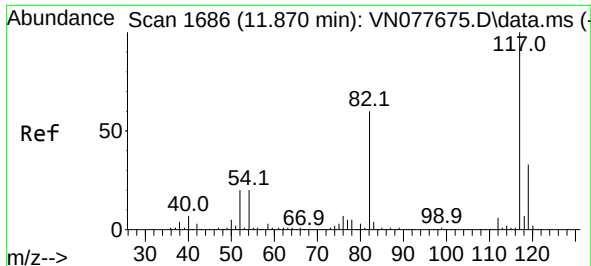
Tgt Ion: 98 Resp: 853808
Ion Ratio Lower Upper
98 100
100 62.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.133 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion: 95 Resp: 272394
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.8
176 69.8 0.0 135.8

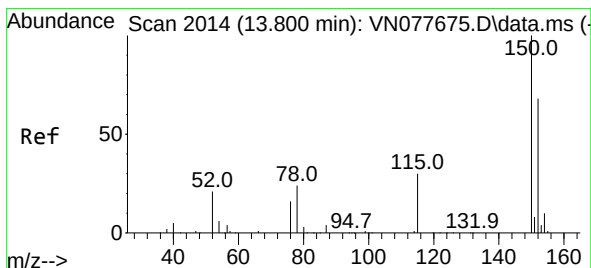
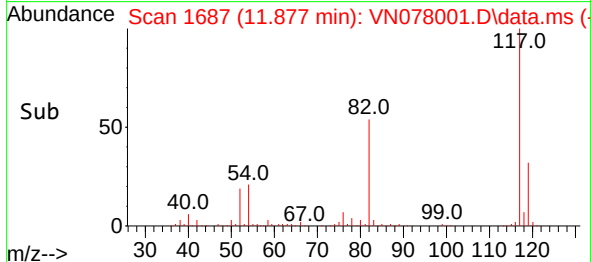
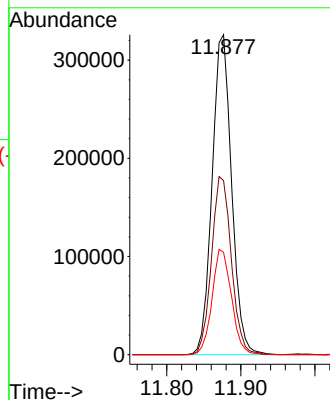
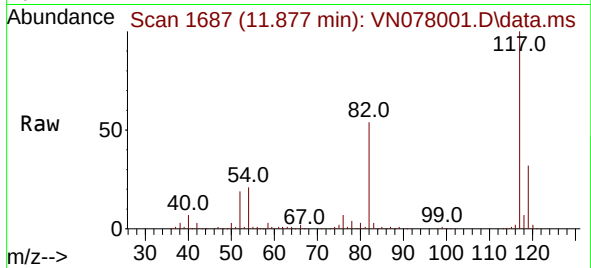




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.877 min Scan# 11
Delta R.T. 0.007 min
Lab File: VN078001.D
Acq: 31 May 2023 18:31

Instrument :
MSVOA_N
ClientSampleId :
MW33S-20230523

Tgt Ion:117 Resp: 596231
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.0 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: VN078001.D
Acq: 31 May 2023 18:31

Tgt Ion:152 Resp: 186361
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 158.6 0.0 355.8

