

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077986.D
 Acq On : 31 May 2023 11:54
 Operator : JC\MD
 Sample : VN0531WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBL01

Quant Time: Jun 01 01:49:13 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	8.235	168	397030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	715686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	623446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	191620	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	276920	46.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.220%
35) Dibromofluoromethane	8.171	113	236473	50.670	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.340%
50) Toluene-d8	10.570	98	886938	49.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.859	95	285691	45.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.060%

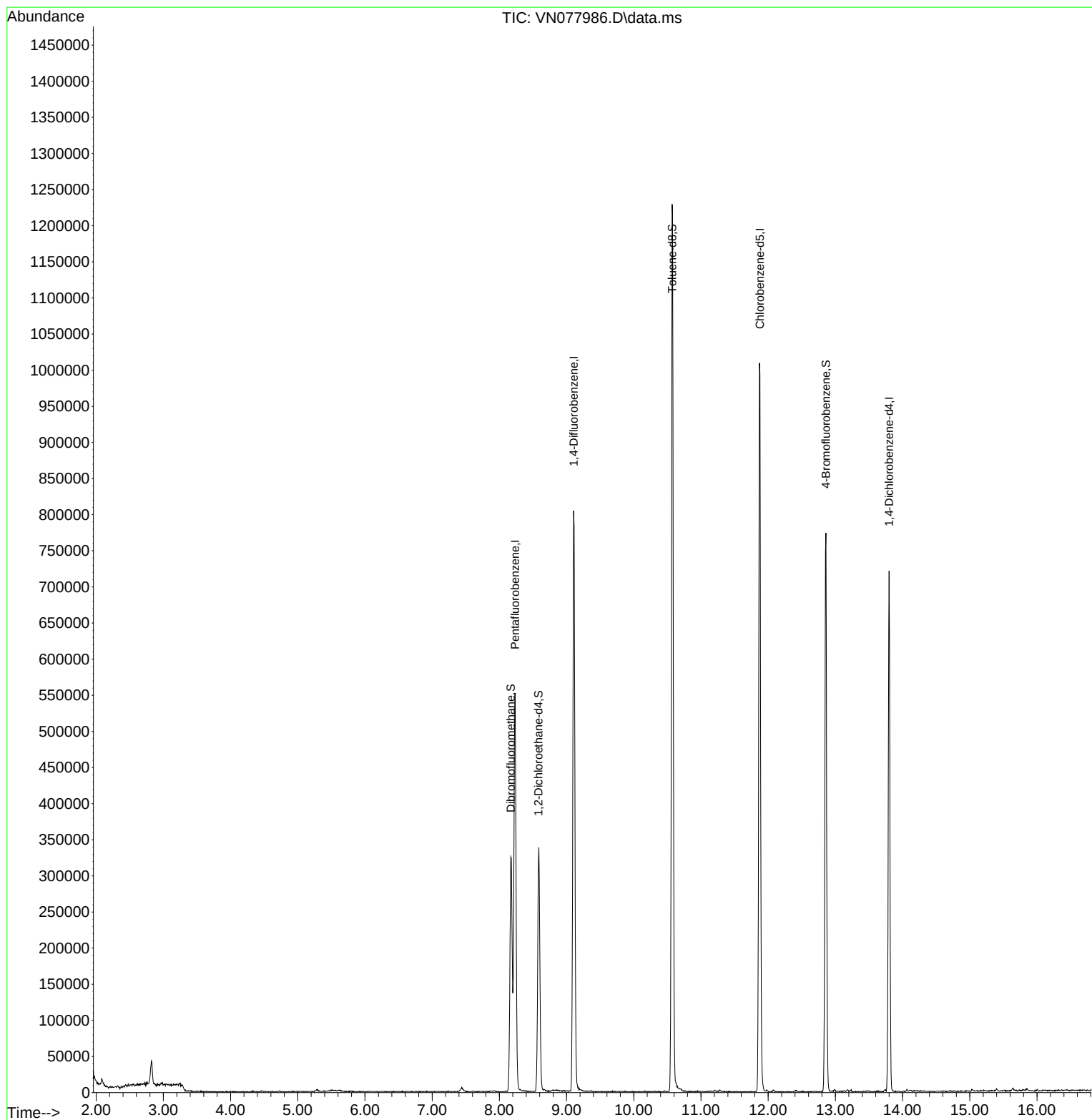
Target Compounds	Qvalue

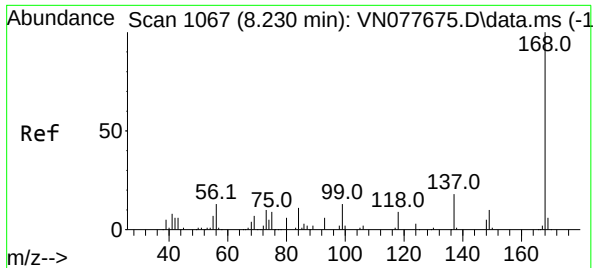
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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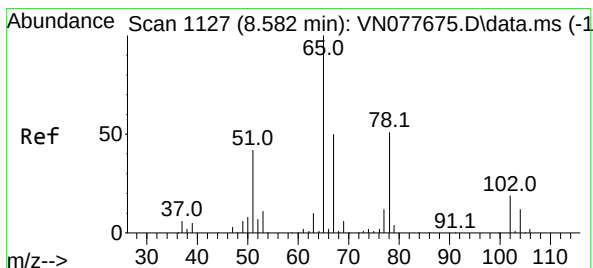
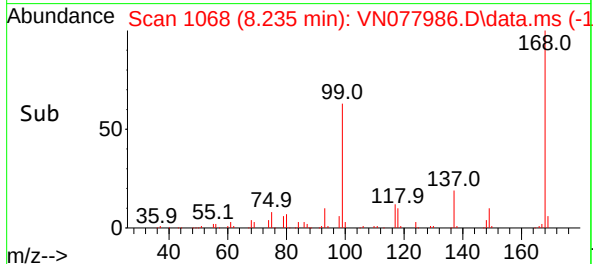
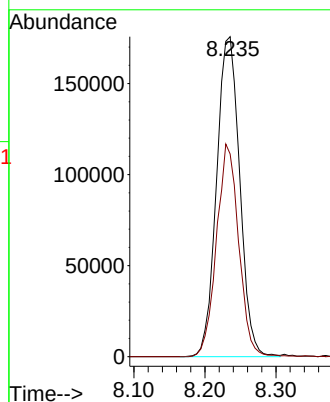
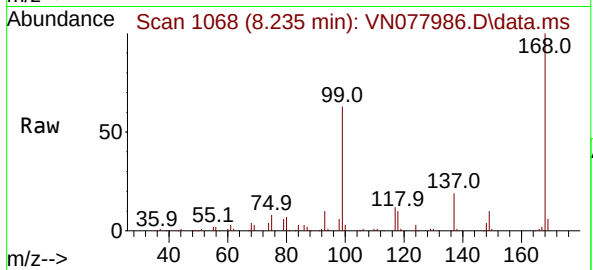




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

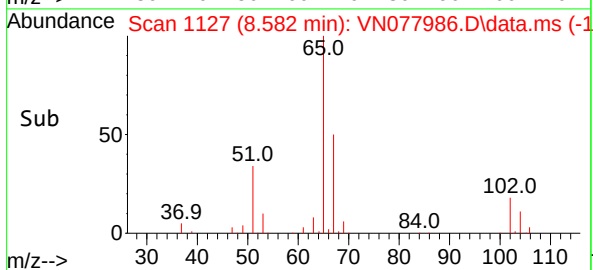
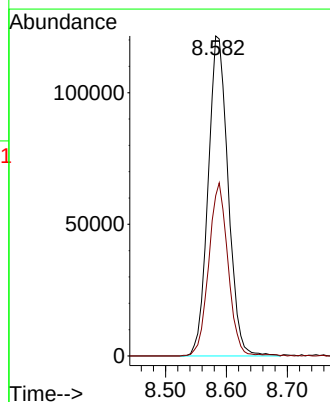
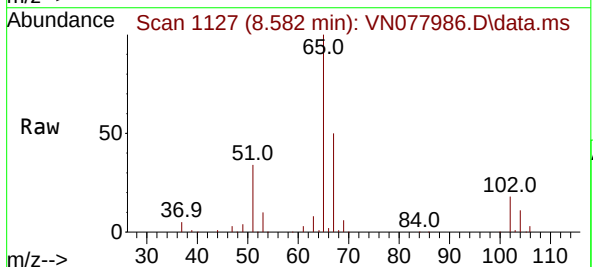
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

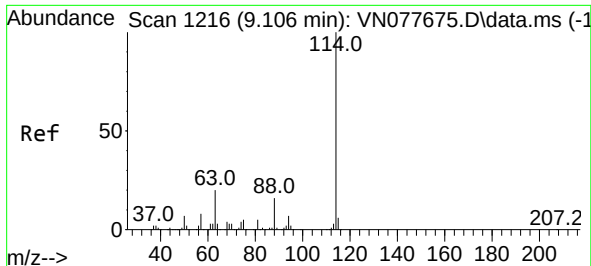
Tgt Ion:168 Resp: 397030
Ion Ratio Lower Upper
168 100
99 63.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.615 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

Tgt Ion: 65 Resp: 276920
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

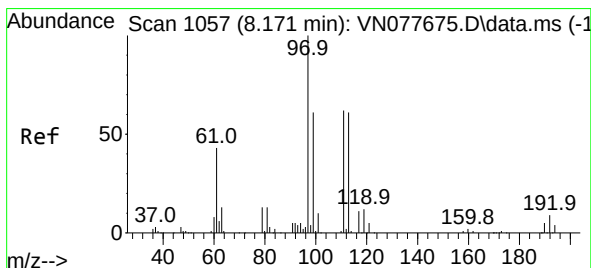
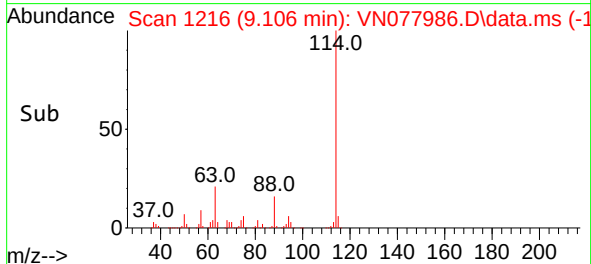
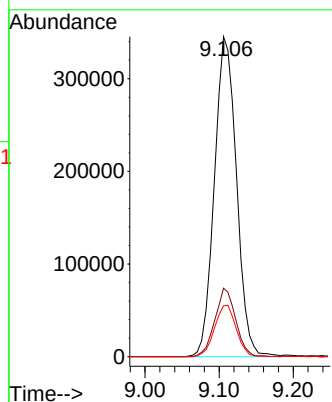
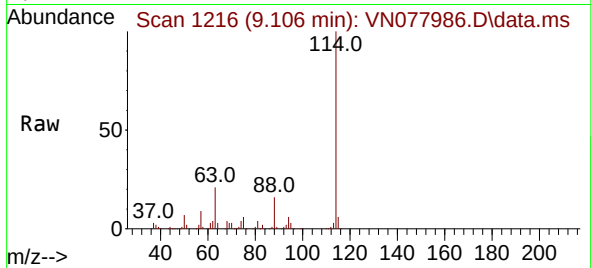




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

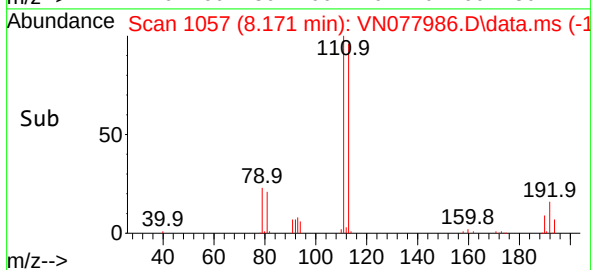
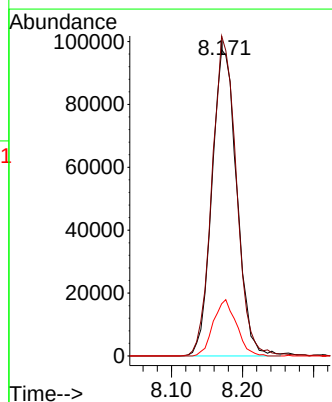
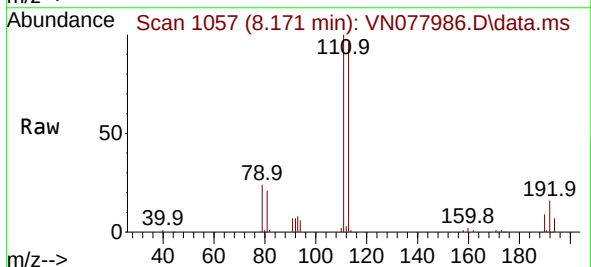
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

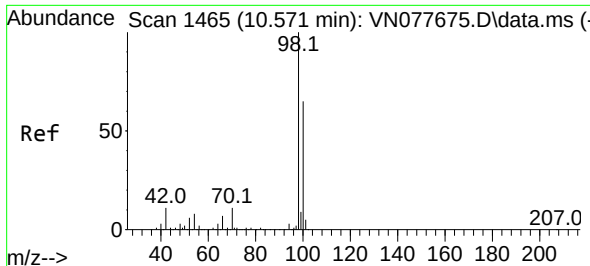
Tgt Ion:114 Resp: 715686
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.670 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

Tgt Ion:113 Resp: 236473
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.1 12.7 19.1

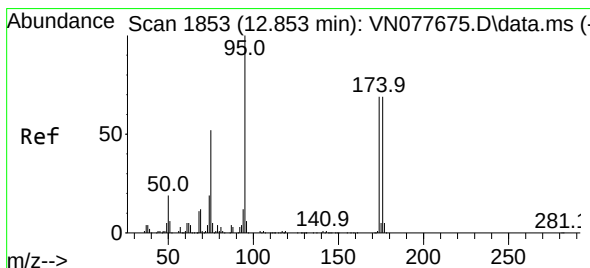
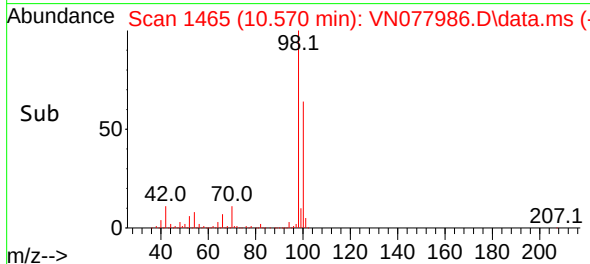
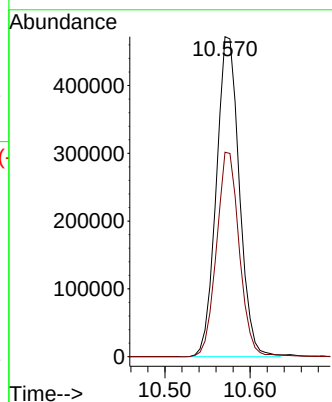
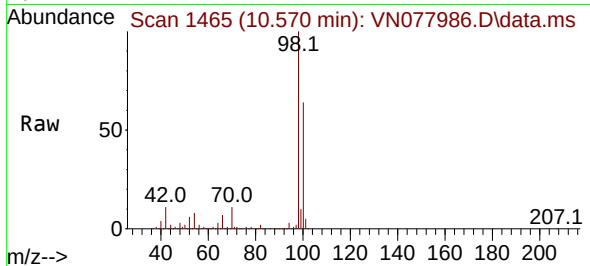




#50
Toluene-d8
Concen: 49.375 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

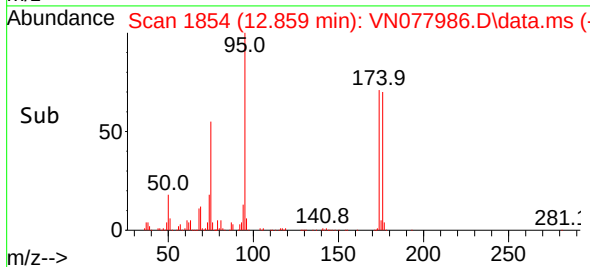
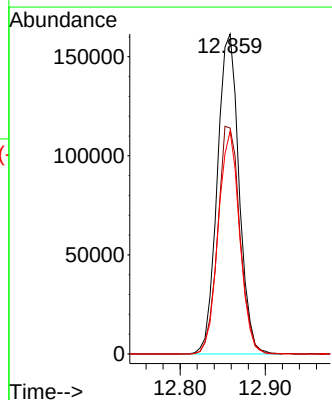
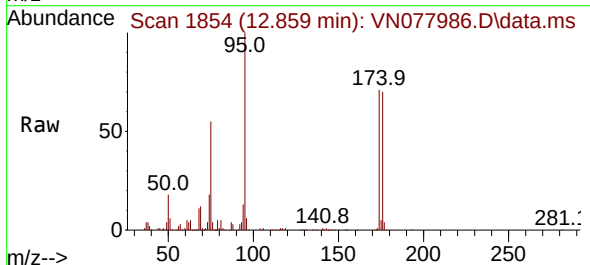
Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

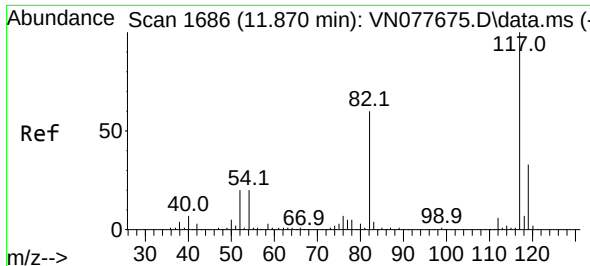
Tgt Ion: 98 Resp: 886938
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.031 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

Tgt Ion: 95 Resp: 285691
Ion Ratio Lower Upper
95 100
174 72.8 0.0 143.8
176 68.6 0.0 135.8

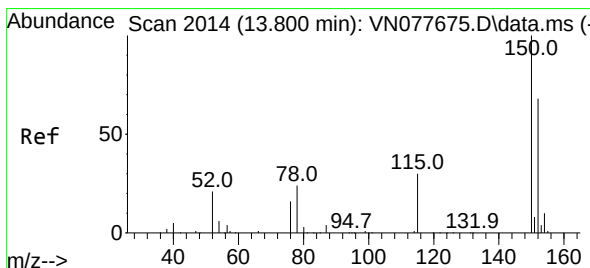
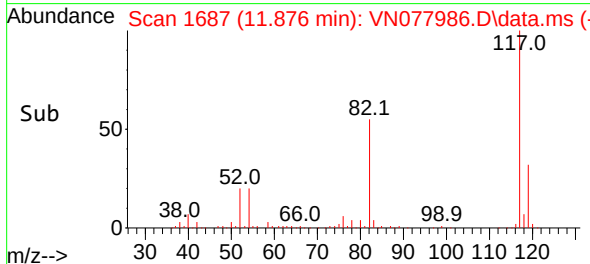
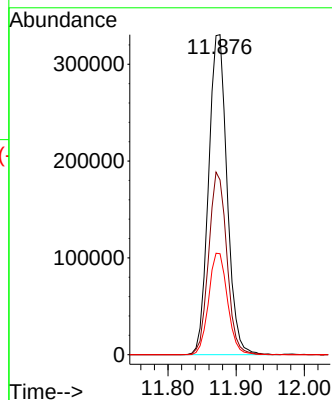
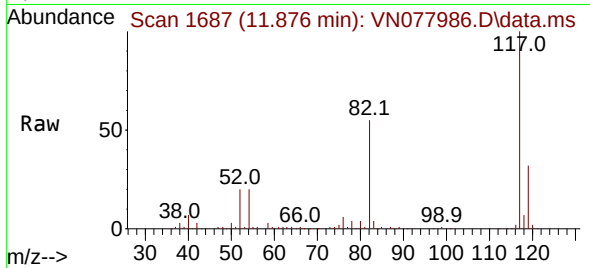




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN077986.D
Acq: 31 May 2023 11:54

Instrument :
MSVOA_N
ClientSampleId :
VN0531WBL01

Tgt Ion:117 Resp: 623446
Ion Ratio Lower Upper
117 100
82 54.6 44.0 66.0
119 31.6 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: VN077986.D
Acq: 31 May 2023 11:54

Tgt Ion:152 Resp: 191620
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.8 0.0 355.8

