

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080445.D
 Acq On : 12 Dec 2023 18:14
 Operator : JC\MD
 Sample : 05672-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 13 02:35:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	230871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	455529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	209828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179991	61.040	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	122.080%
35) Dibromofluoromethane	8.165	113	155162	57.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	115.440%
50) Toluene-d8	10.571	98	560463	55.906	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.820%
62) 4-Bromofluorobenzene	12.847	95	233196	61.258	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.520%

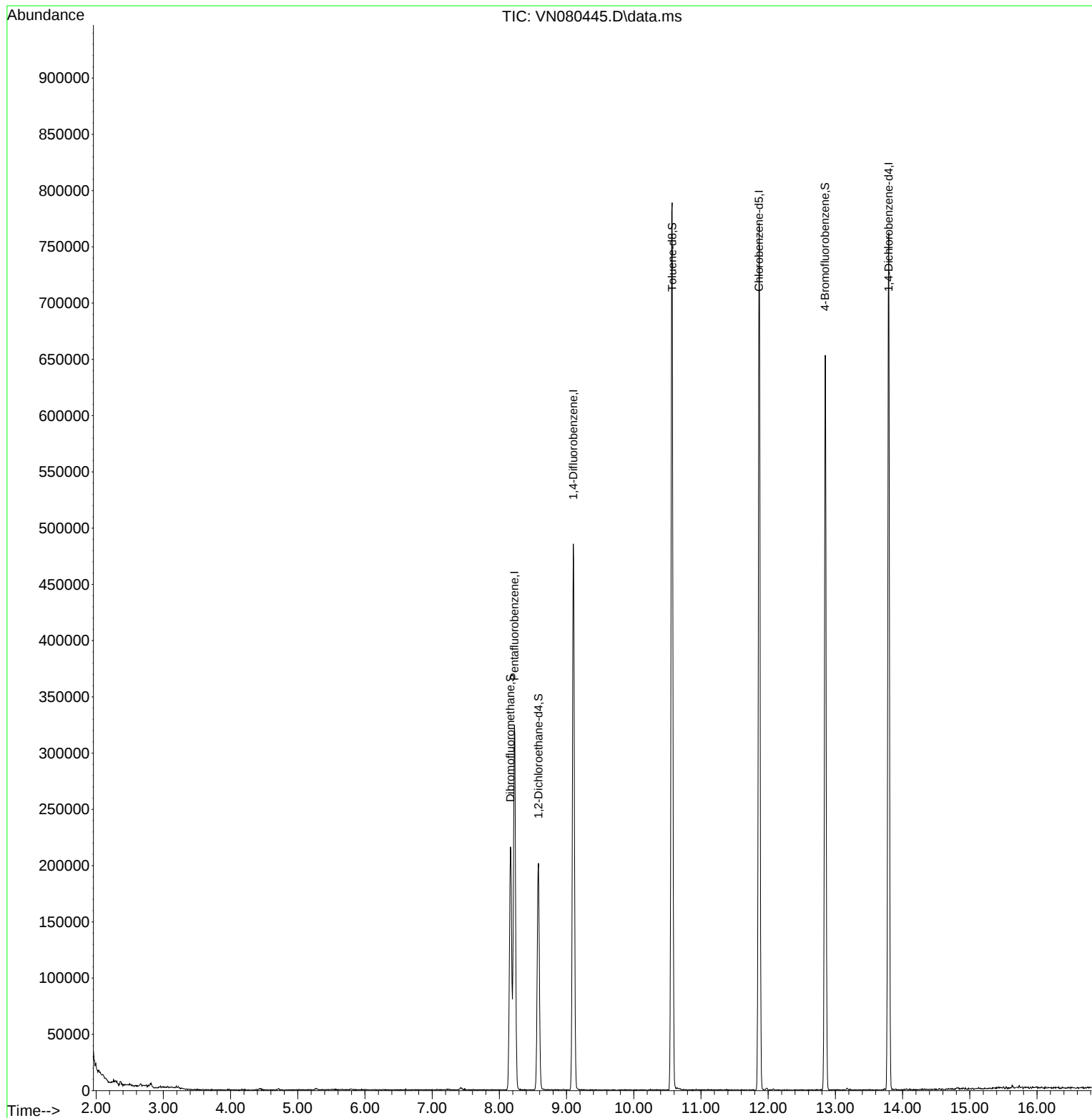
Target Compounds	Qvalue

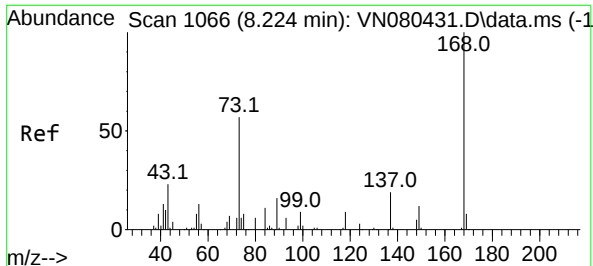
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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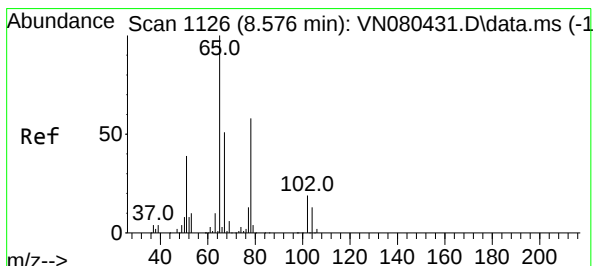
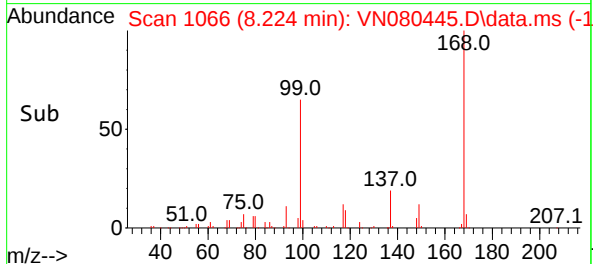
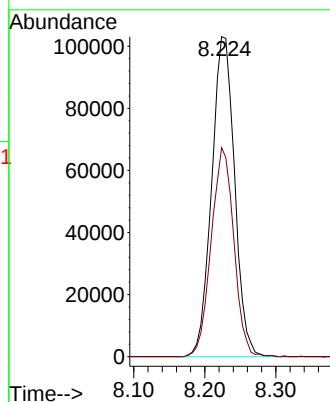
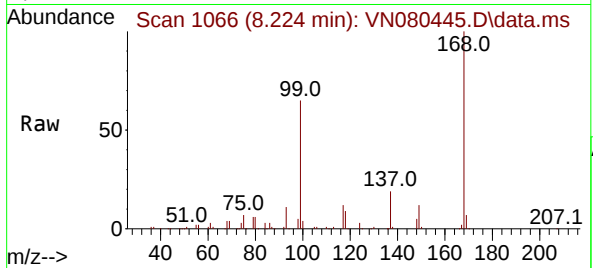




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

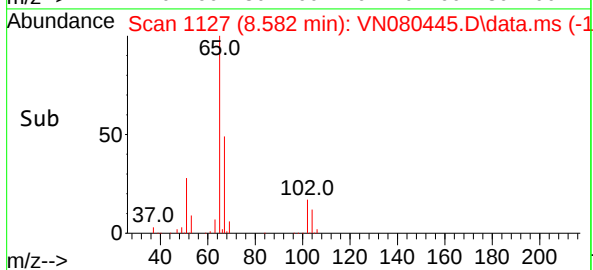
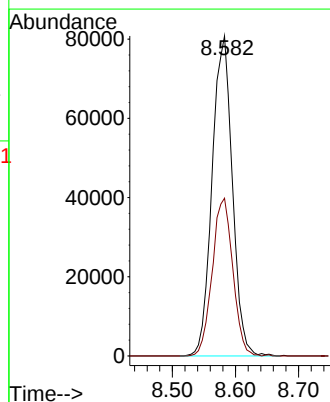
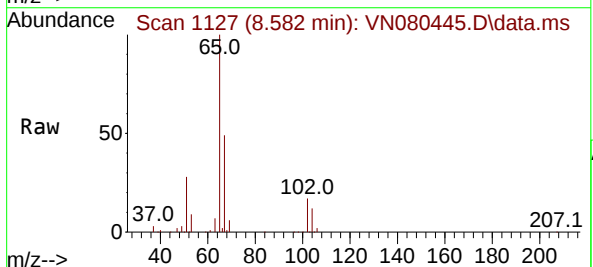
Instrument :
MSVOA_N
ClientSampleId :
MW-4

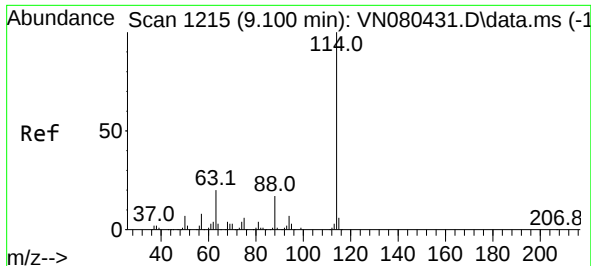
Tgt Ion:168 Resp: 230871
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.040 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion: 65 Resp: 179991
Ion Ratio Lower Upper
65 100
67 50.0 0.0 106.6

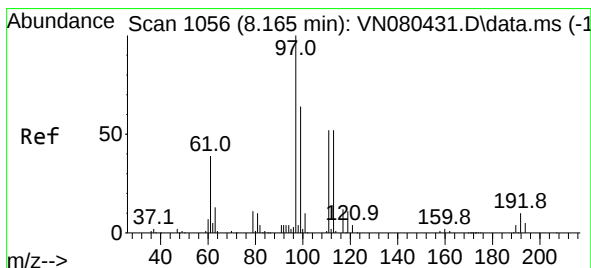
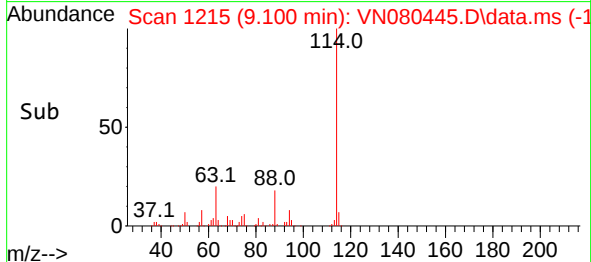
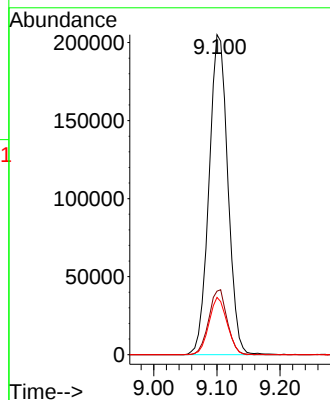
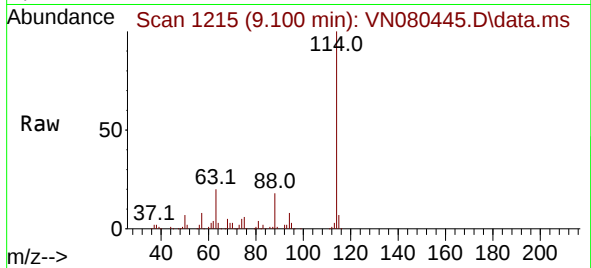




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

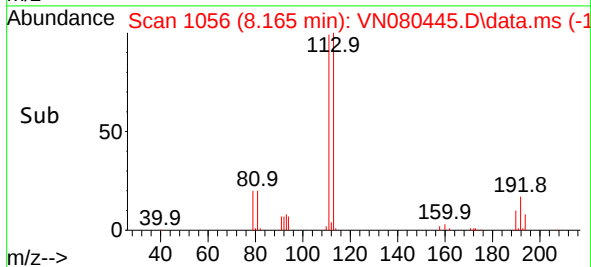
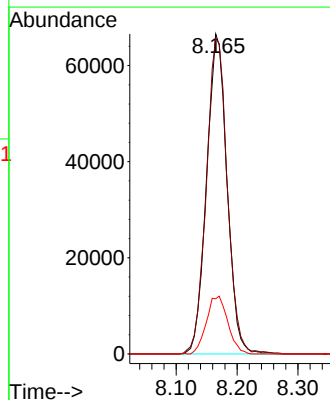
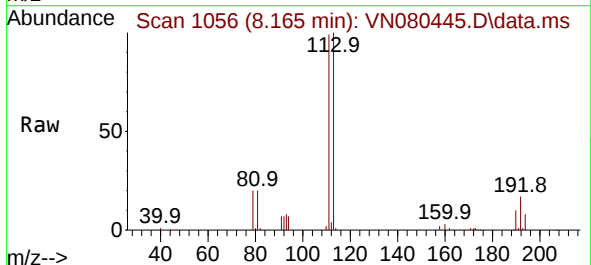
Instrument :
MSVOA_N
ClientSampleId :
MW-4

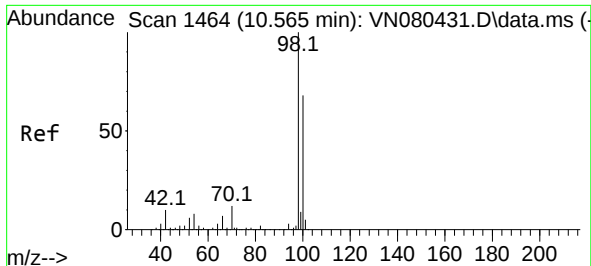
Tgt Ion:114 Resp: 423961
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 17.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.722 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion:113 Resp: 155162
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.9 12.7 19.1

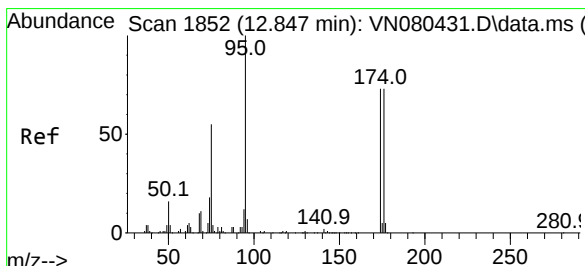
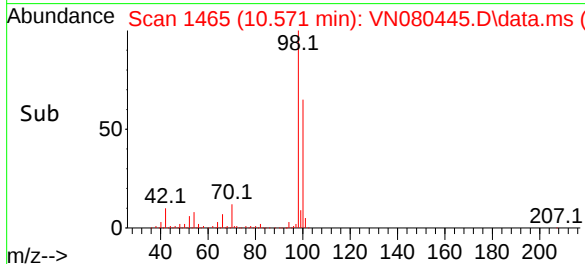
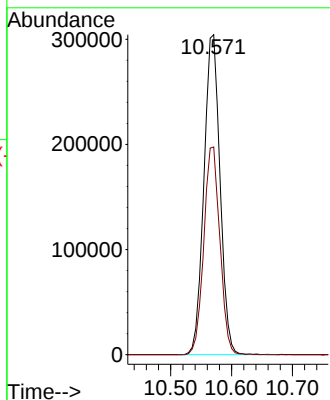
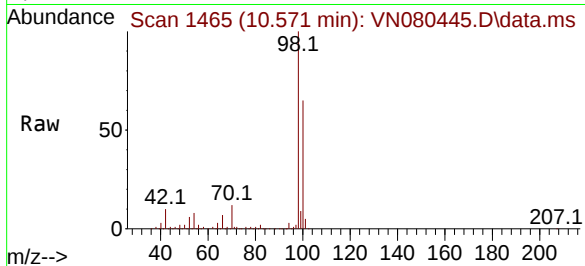




#50
Toluene-d8
Concen: 55.906 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

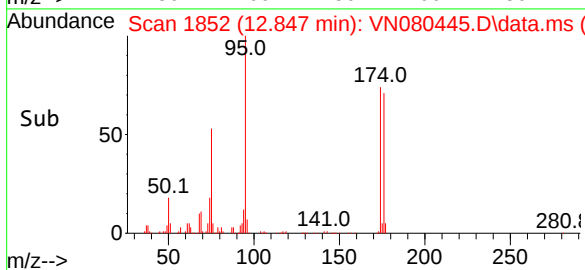
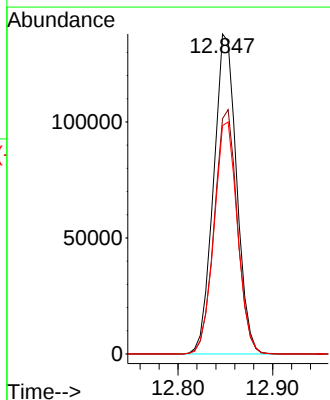
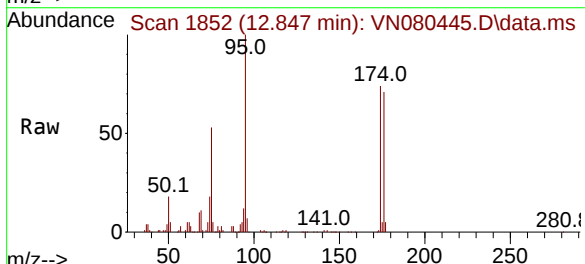
Instrument :
MSVOA_N
ClientSampleId :
MW-4

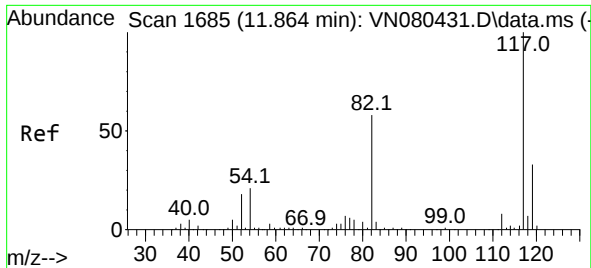
Tgt Ion: 98 Resp: 560463
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 61.258 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion: 95 Resp: 233196
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 73.6 0.0 135.8

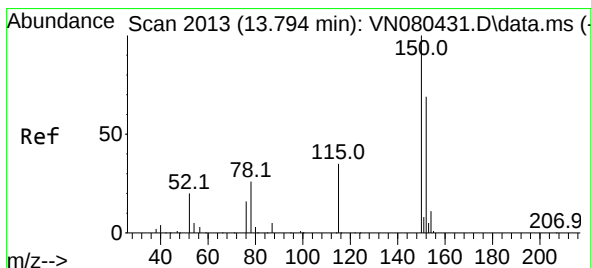
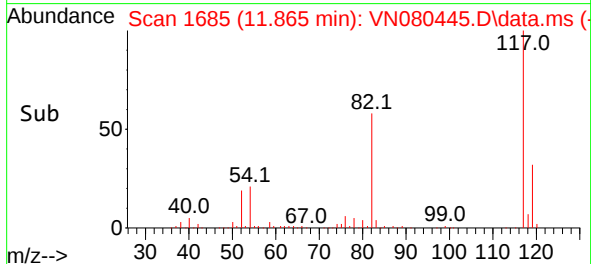
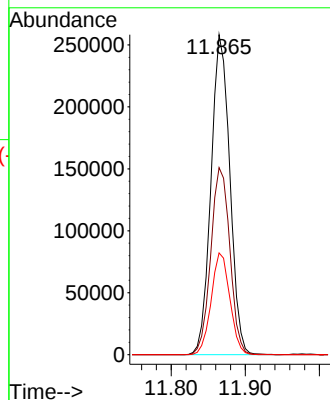
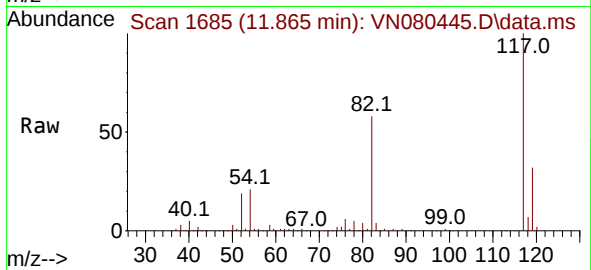




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:117 Resp: 455529
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080445.D
Acq: 12 Dec 2023 18:14

Tgt Ion:152 Resp: 209828
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 154.8 0.0 355.8

