

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080522.D
 Acq On : 19 Dec 2023 15:57
 Operator : JC\MD
 Sample : 05864-02 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1211-GW

Quant Time: Dec 20 04:03:54 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	234556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	427243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	448695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210436	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	155355	51.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.720%
35) Dibromofluoromethane	8.165	113	135732	50.106	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.220%
50) Toluene-d8	10.571	98	494240	48.921	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.853	95	207178	54.005	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.000%

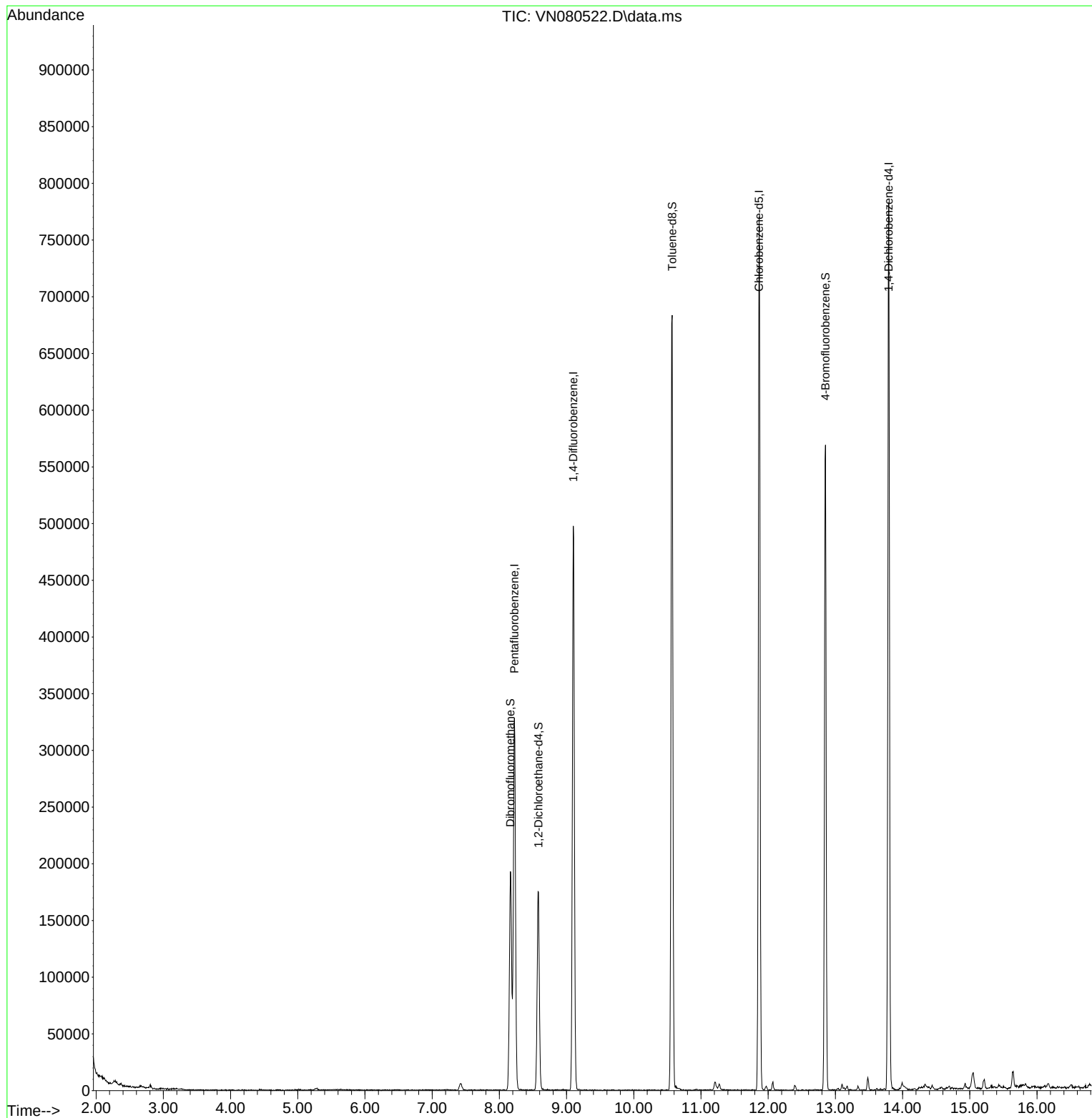
Target Compounds	Qvalue

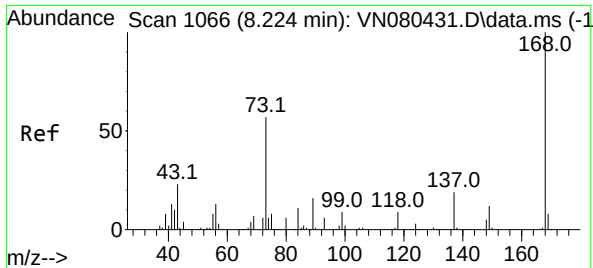
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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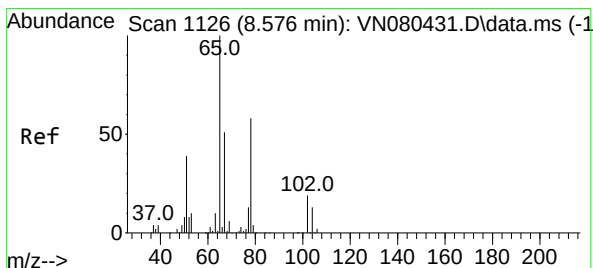
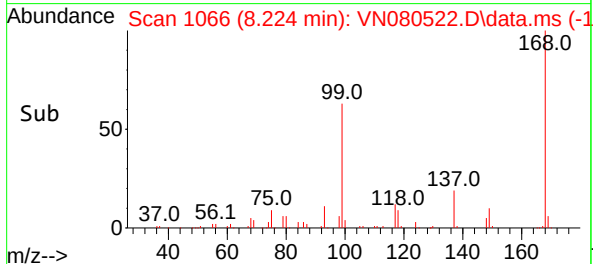
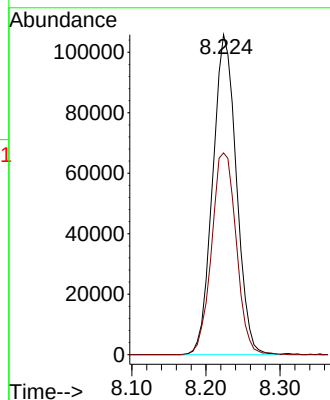
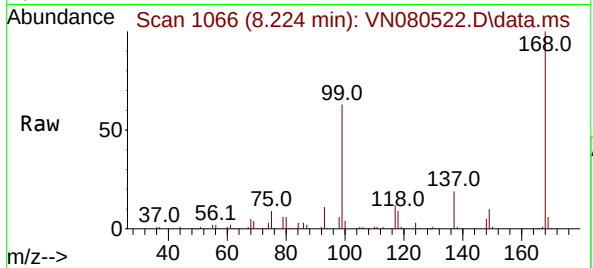




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

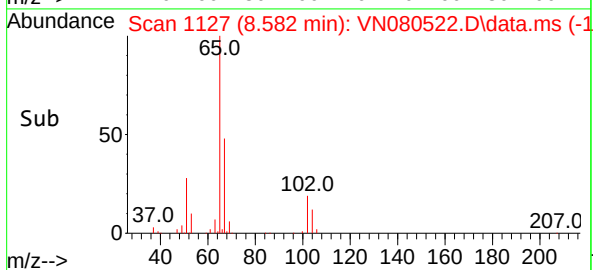
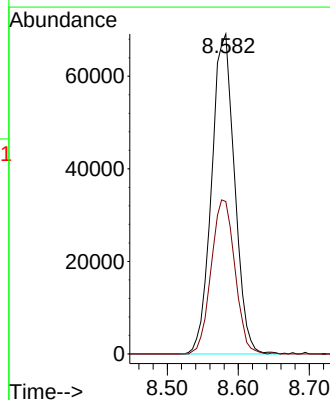
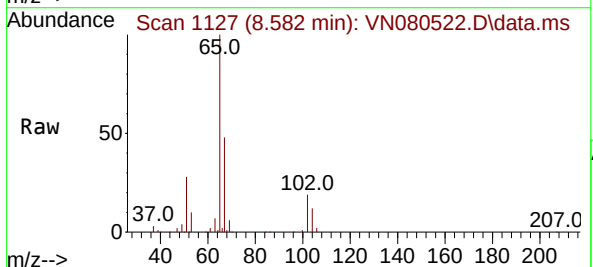
Instrument :
MSVOA_N
ClientSampleId :
1211-GW

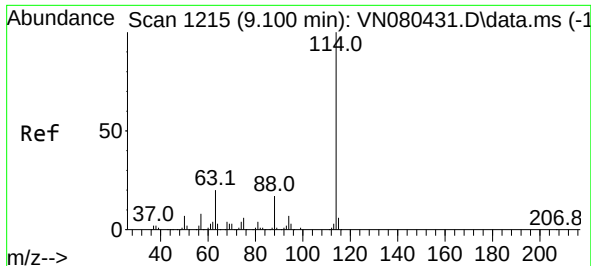
Tgt Ion:168 Resp: 234556
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 51.857 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

Tgt Ion: 65 Resp: 155355
Ion Ratio Lower Upper
65 100
67 49.6 0.0 106.6

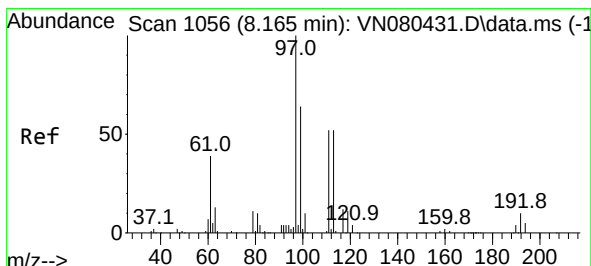
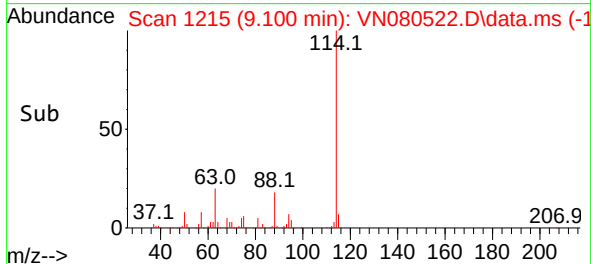
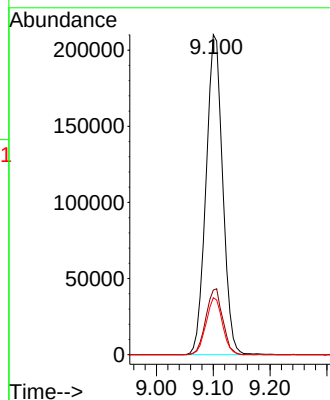
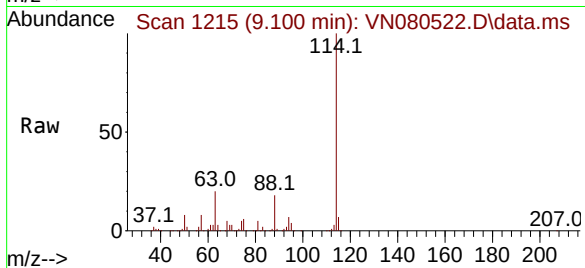




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

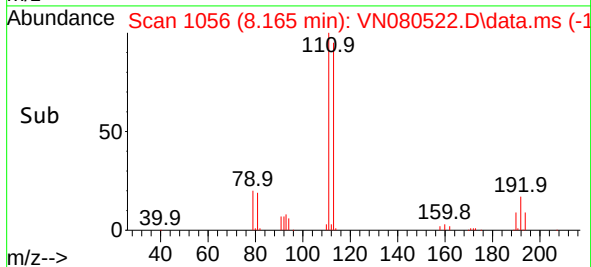
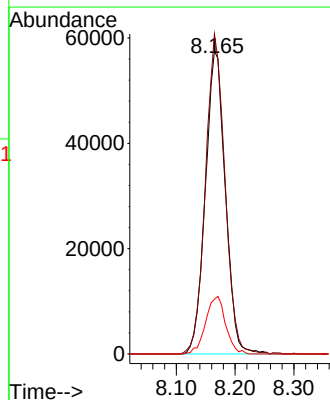
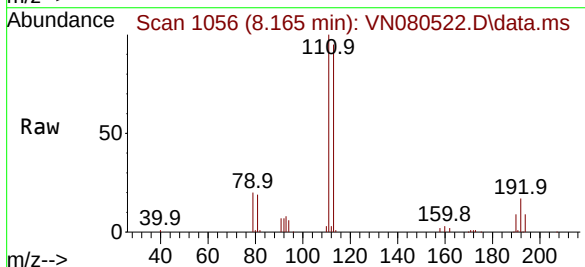
Instrument :
MSVOA_N
ClientSampleId :
1211-GW

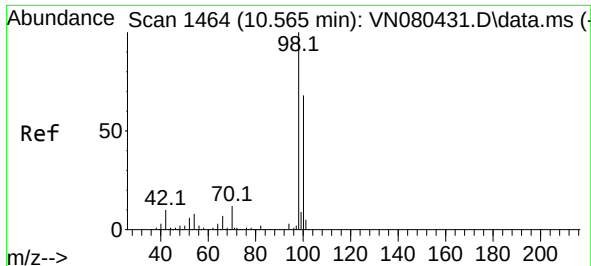
Tgt Ion:114 Resp: 427243
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.4
88 17.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.106 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

Tgt Ion:113 Resp: 135732
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 19.0 12.7 19.1

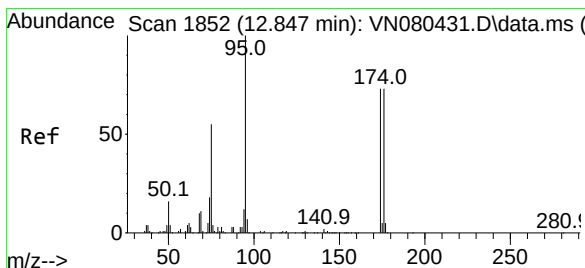
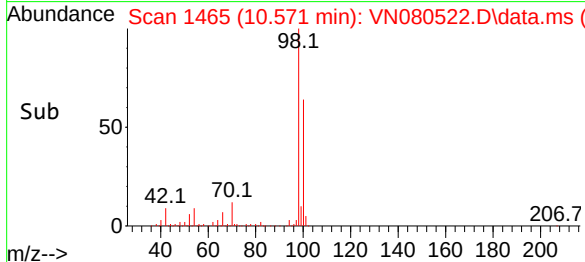
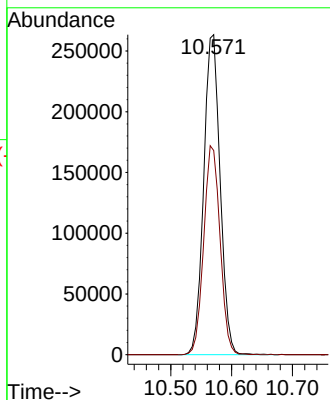
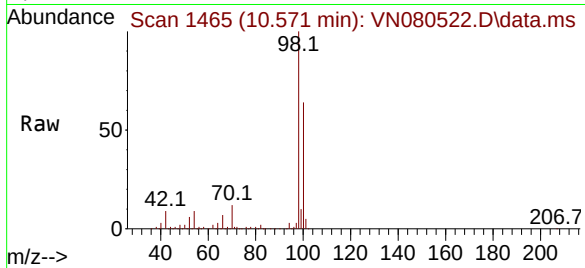




#50
Toluene-d8
Concen: 48.921 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

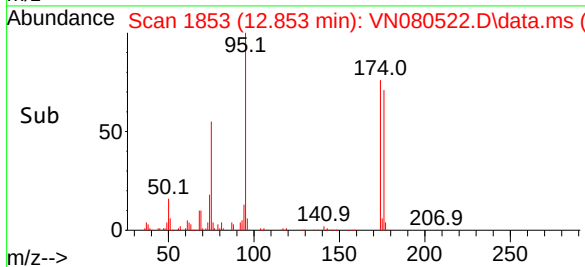
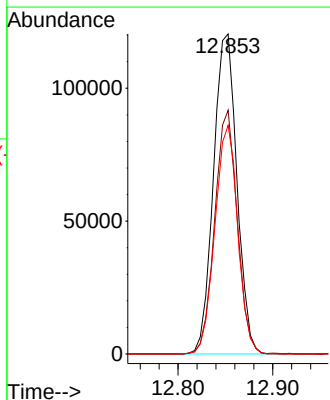
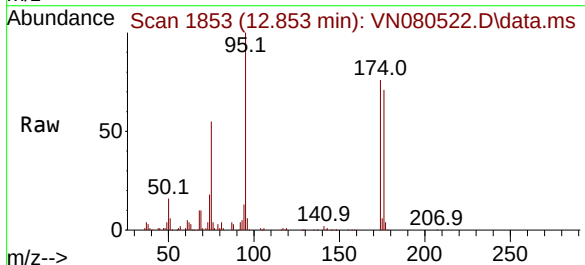
Instrument :
MSVOA_N
ClientSampleId :
1211-GW

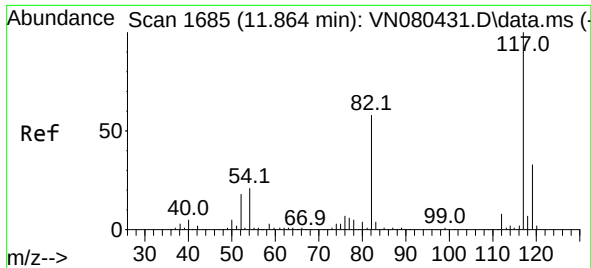
Tgt Ion: 98 Resp: 494240
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.005 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

Tgt Ion: 95 Resp: 207178
Ion Ratio Lower Upper
95 100
174 73.2 0.0 143.8
176 69.6 0.0 135.8

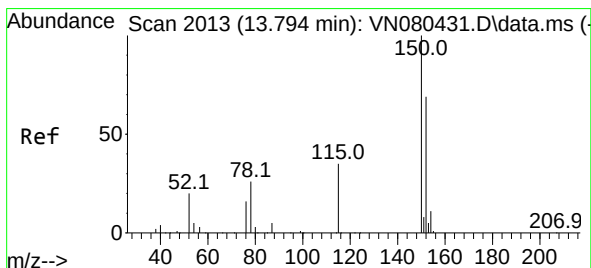
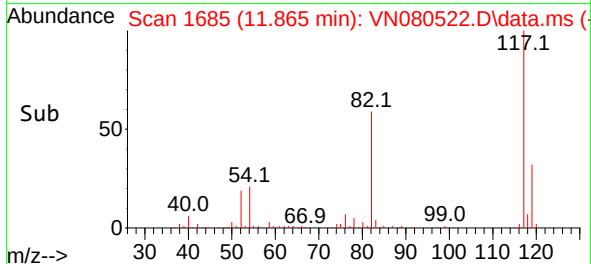
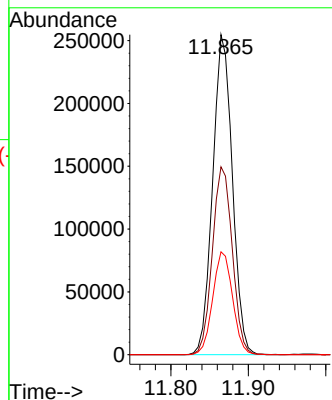
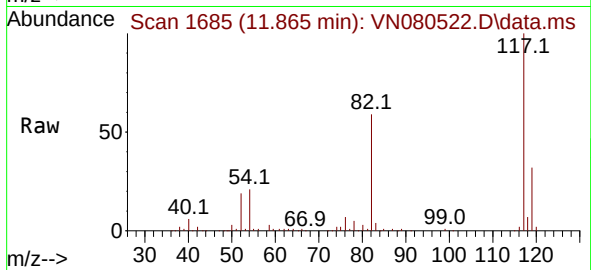




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080522.D
Acq: 19 Dec 2023 15:57

Instrument :
MSVOA_N
ClientSampleId :
1211-GW

Tgt Ion:117 Resp: 448695
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 32.1 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: VN080522.D
Acq: 19 Dec 2023 15:57

Tgt Ion:152 Resp: 210436
Ion Ratio Lower Upper
152 100
115 65.6 32.3 96.8
150 158.4 0.0 355.8

