

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080456.D
 Acq On : 13 Dec 2023 12:55
 Operator : JC\MD
 Sample : 05688-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 14 04:05:07 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	8.230	168	205772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	377626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	390457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	173259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	164065	62.425	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.860%	
35) Dibromofluoromethane	8.165	113	138551	57.867	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.740%	
50) Toluene-d8	10.565	98	497959	55.766	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.540%	
62) 4-Bromofluorobenzene	12.847	95	199306	58.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.560%	

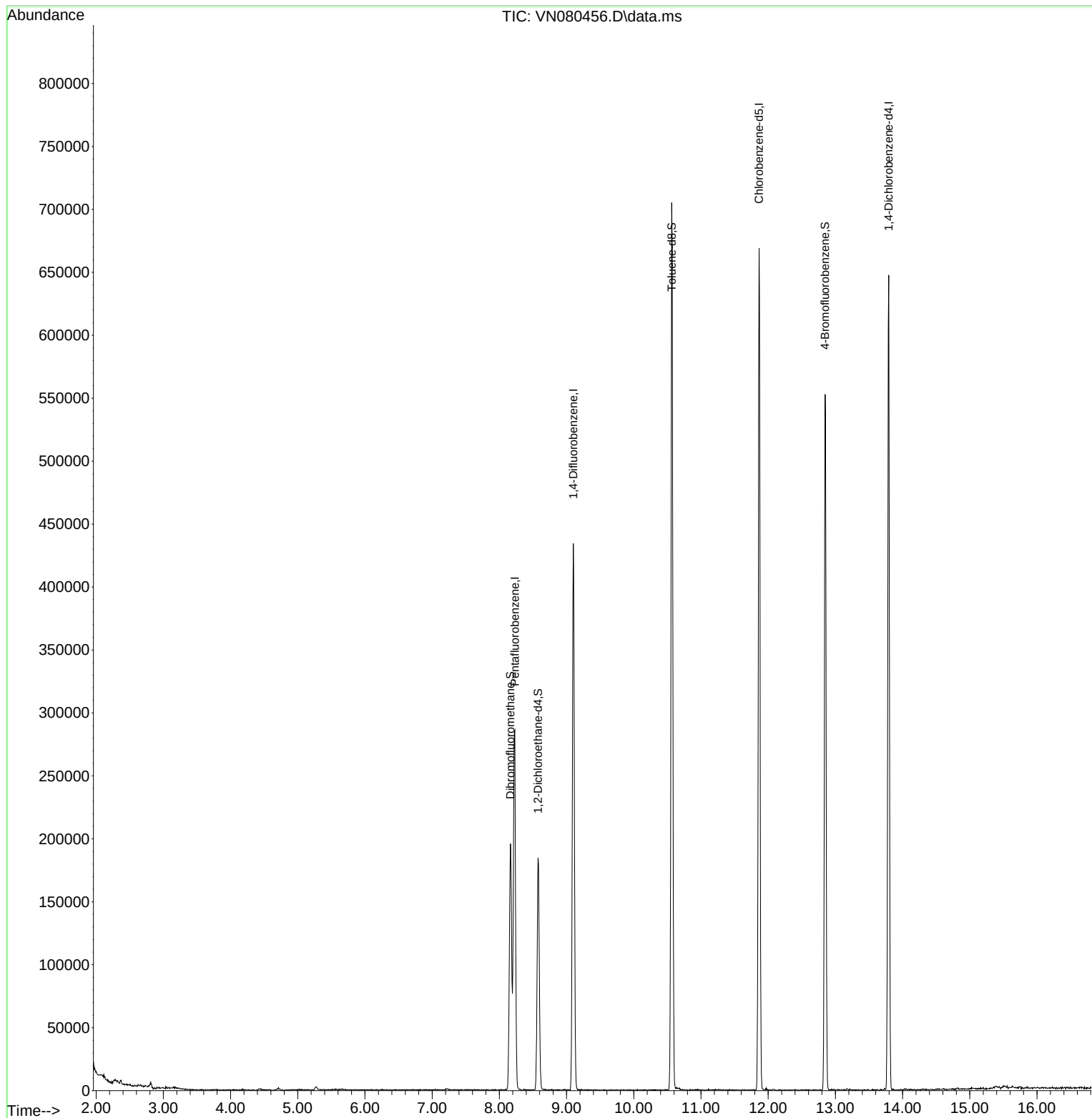
Target Compounds	Qvalue

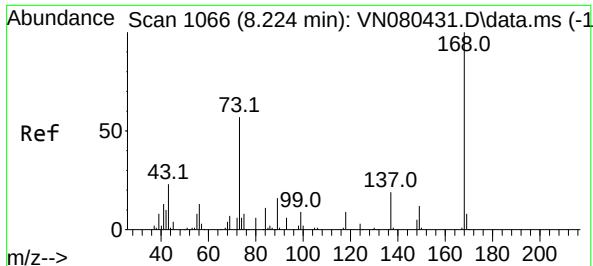
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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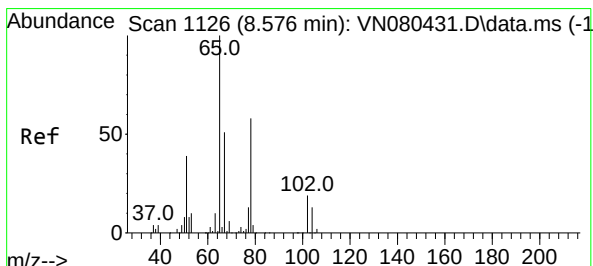
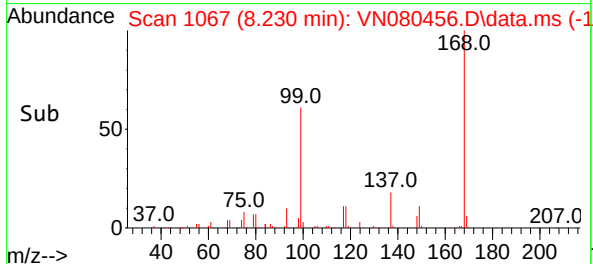
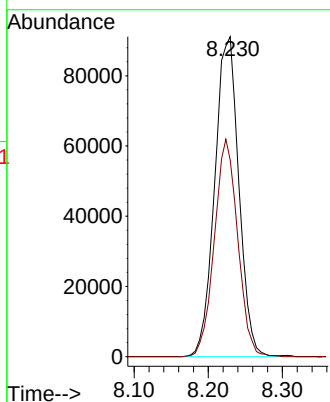
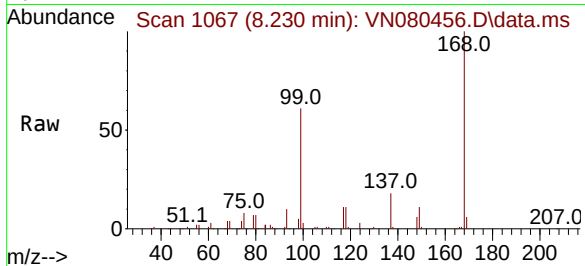




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

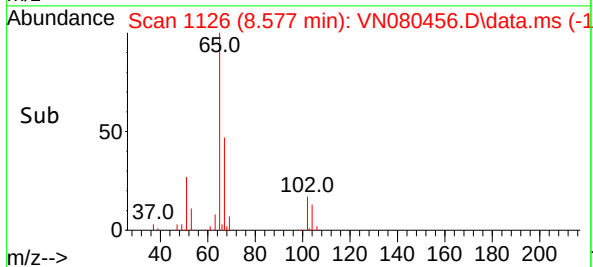
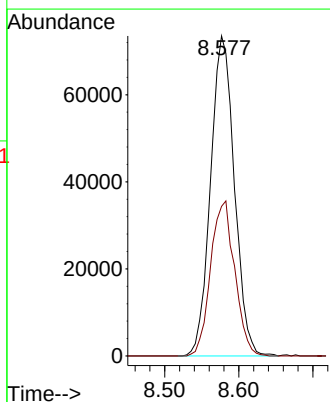
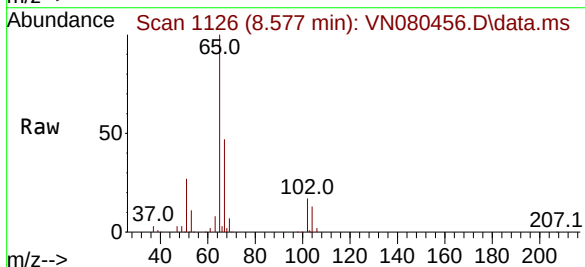
Instrument :
MSVOA_N
ClientSampleId :
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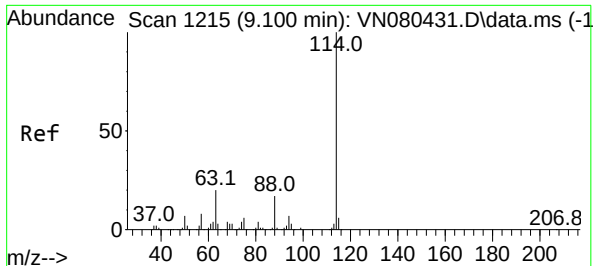
Tgt Ion:168 Resp: 205772
Ion Ratio Lower Upper
168 100
99 61.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 62.425 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

Tgt Ion: 65 Resp: 164065
Ion Ratio Lower Upper
65 100
67 49.0 0.0 106.6

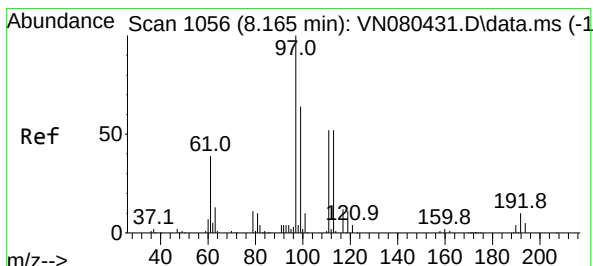
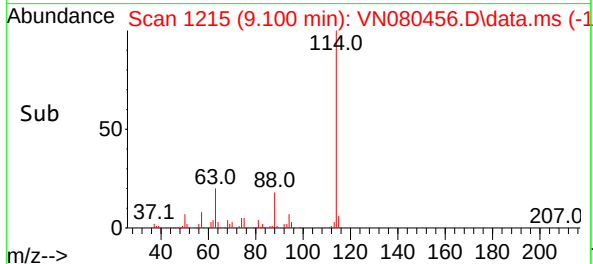
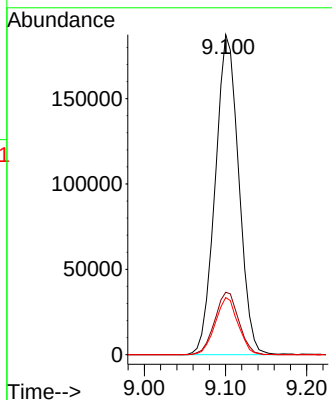
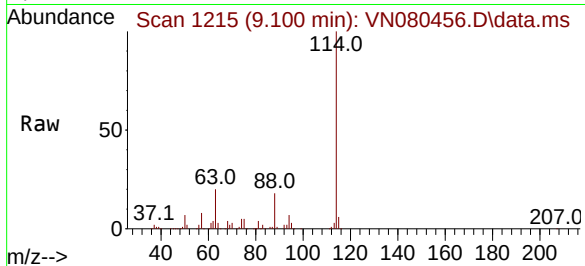




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

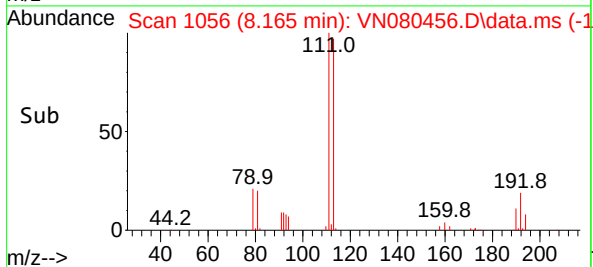
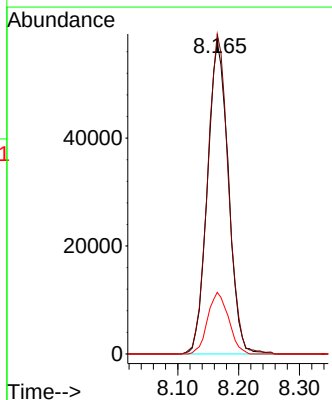
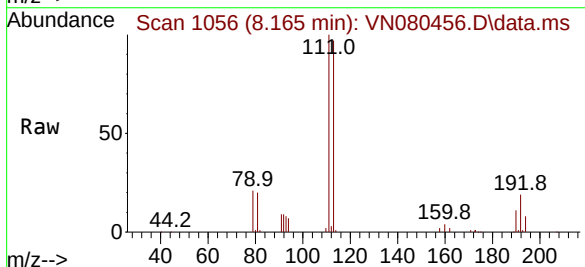
Instrument :
MSVOA_N
ClientSampleId :
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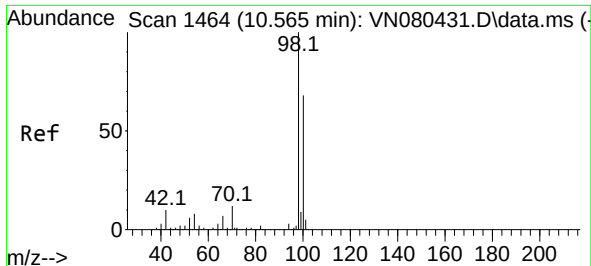
Tgt Ion:114 Resp: 377626
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.4
88 17.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 57.867 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

Tgt Ion:113 Resp: 138551
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 19.7 12.7 19.1#

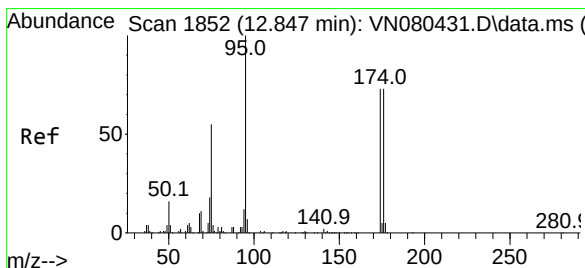
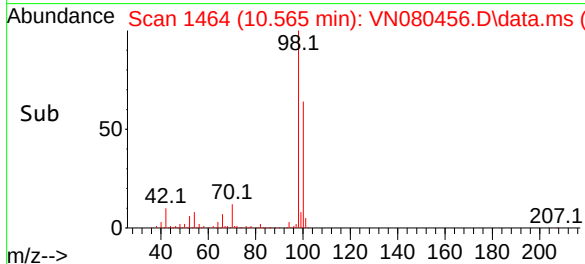
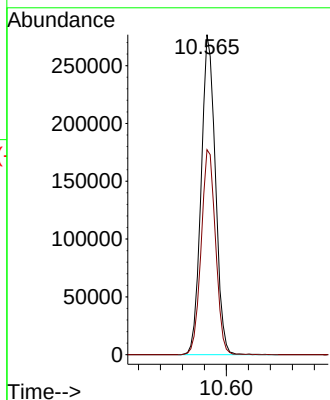
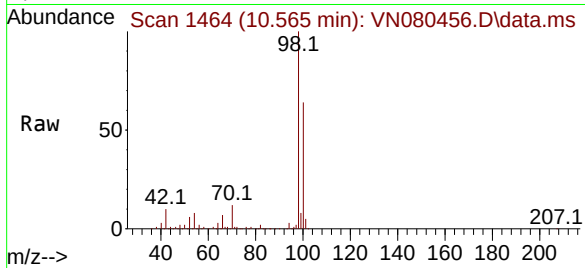




#50
Toluene-d8
Concen: 55.766 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

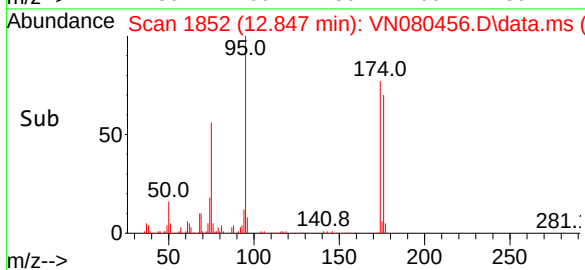
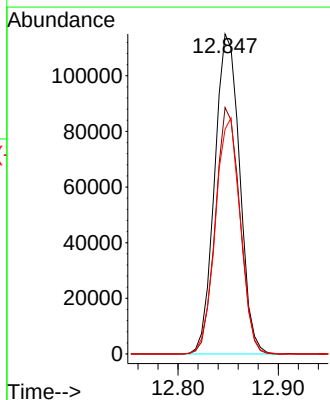
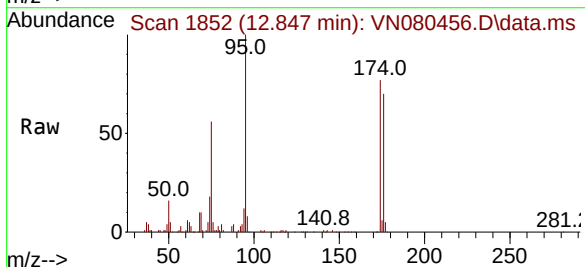
Instrument :
MSVOA_N
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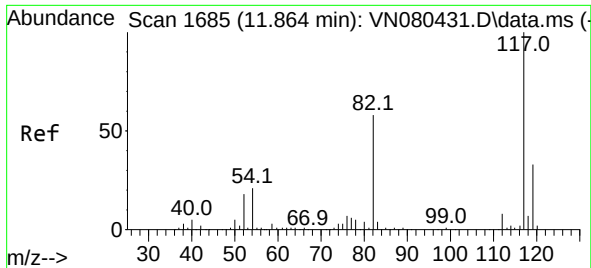
Tgt Ion: 98 Resp: 497959
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 58.779 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

Tgt Ion: 95 Resp: 199306
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.5 0.0 135.8

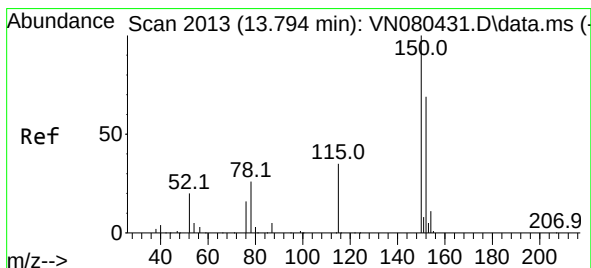
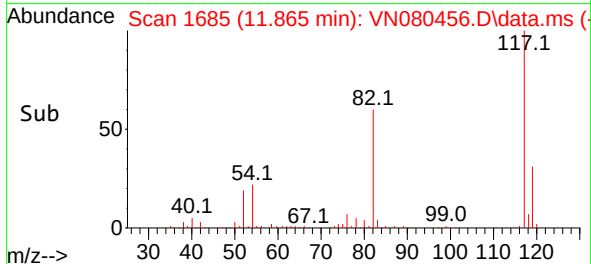
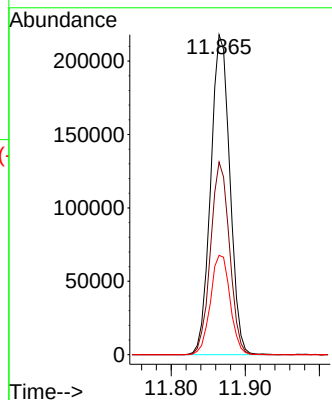
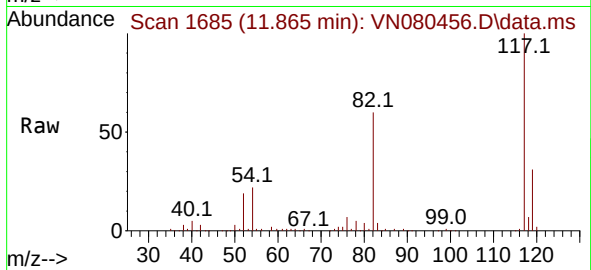




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080456.D
Acq: 13 Dec 2023 12:55

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 390457
Ion Ratio Lower Upper
117 100
82 60.2 44.0 66.0
119 31.0 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: VN080456.D
Acq: 13 Dec 2023 12:55

Tgt Ion:152 Resp: 173259
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 159.6 0.0 355.8

