

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080515.D
 Acq On : 19 Dec 2023 13:12
 Operator : JC\MD
 Sample : 05886-07 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1301

Quant Time: Dec 20 04:00:43 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	235002	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	423297	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	439134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	200092	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	162592	54.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.340%	
35) Dibromofluoromethane	8.165	113	139134	51.841	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.680%	
50) Toluene-d8	10.571	98	506955	50.648	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.847	95	200691	52.802	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 105.600%	

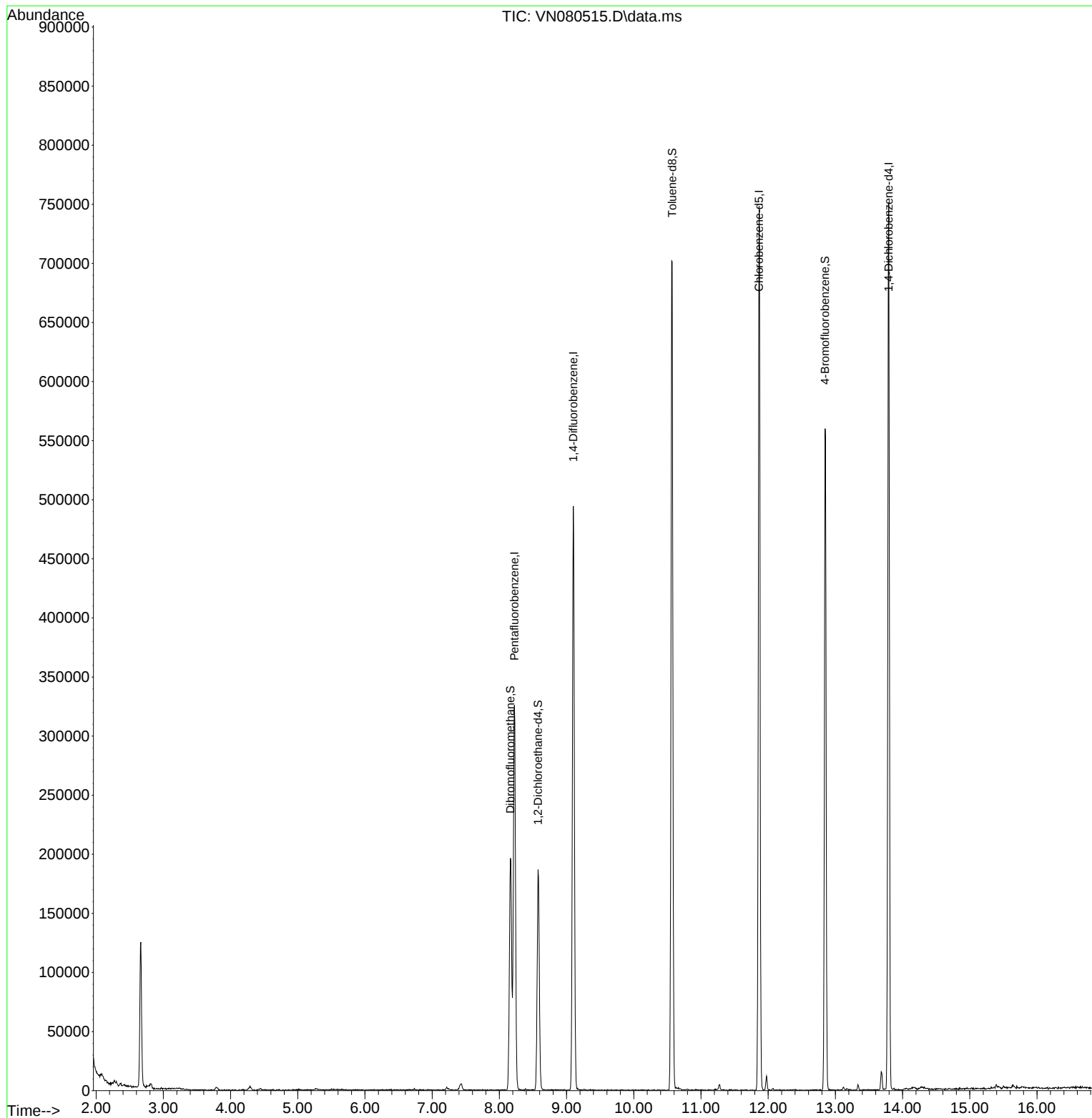
Target Compounds	Qvalue

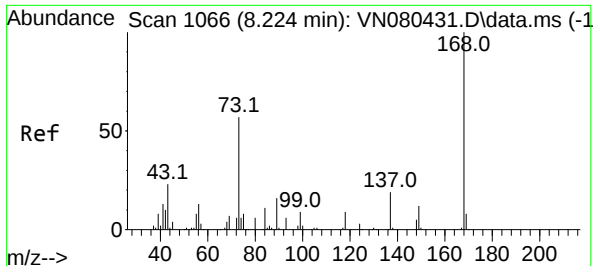
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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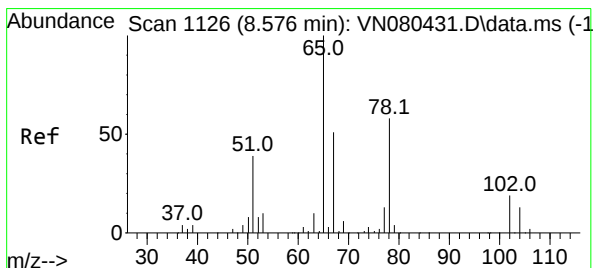
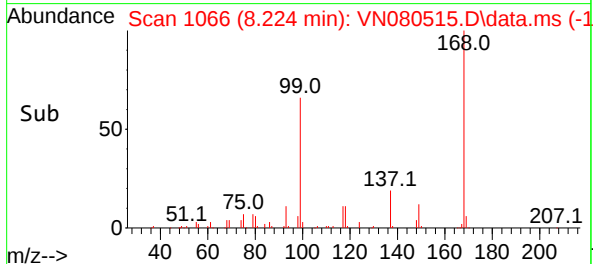
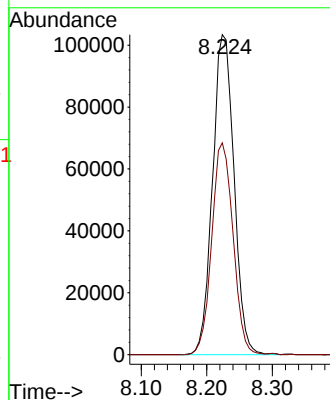
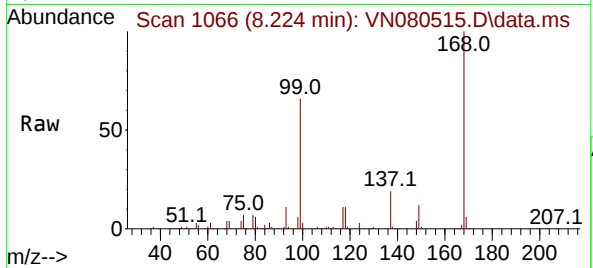




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080515.D
Acq: 19 Dec 2023 13:12

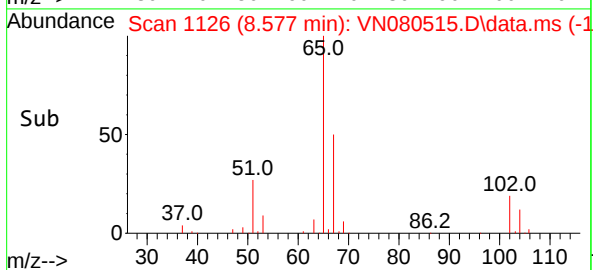
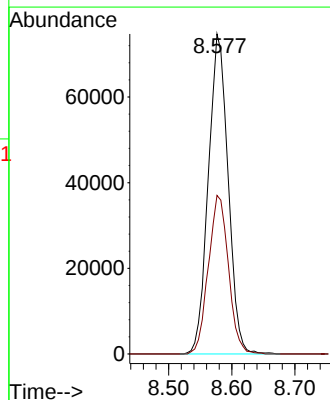
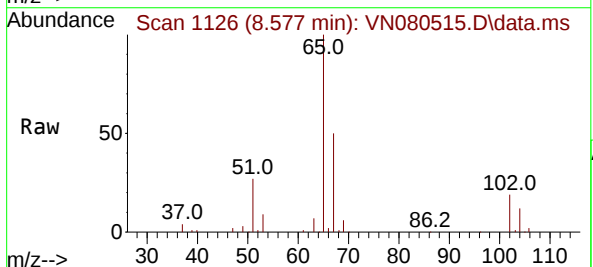
Instrument :
MSVOA_N
ClientSampleId :
AUD-1301

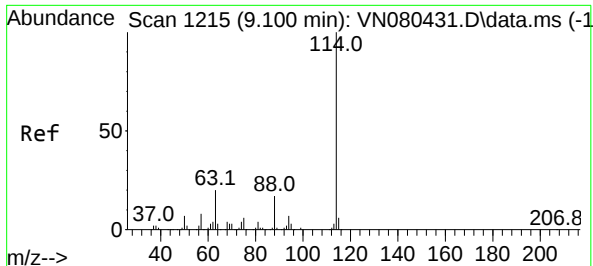
Tgt Ion:168 Resp: 235002
Ion Ratio Lower Upper
168 100
99 66.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.170 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080515.D
Acq: 19 Dec 2023 13:12

Tgt Ion: 65 Resp: 162592
Ion Ratio Lower Upper
65 100
67 50.3 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080515.D

Acq: 19 Dec 2023 13:12

Instrument :

MSVOA_N

ClientSampleId :

AUD-1301

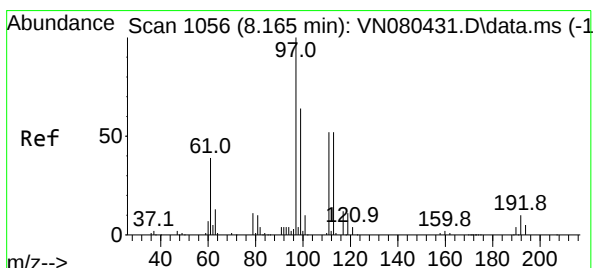
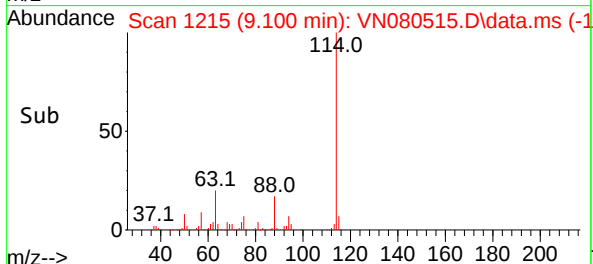
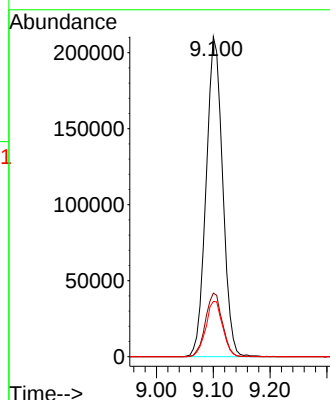
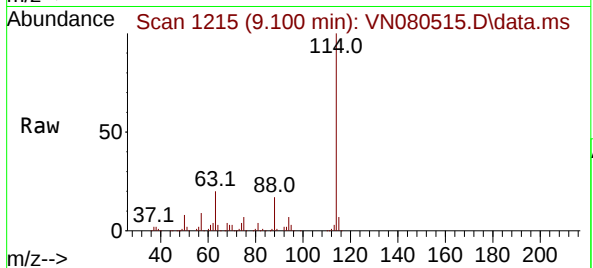
Tgt Ion:114 Resp: 423297

Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.841 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080515.D

Acq: 19 Dec 2023 13:12

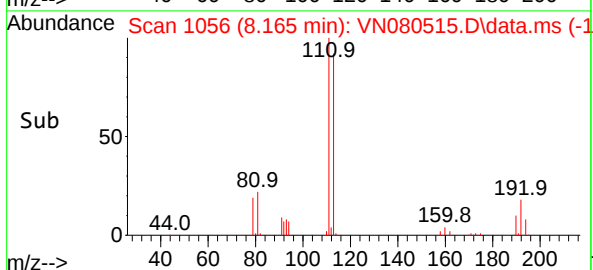
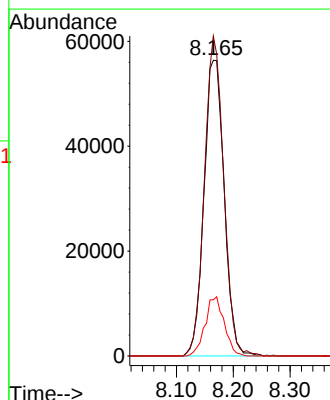
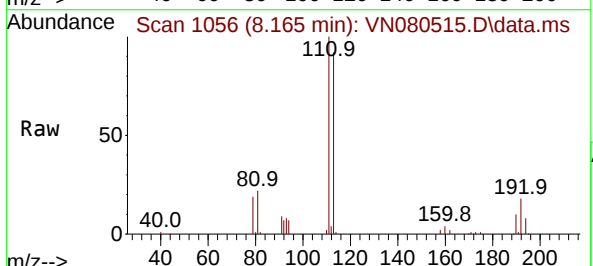
Tgt Ion:113 Resp: 139134

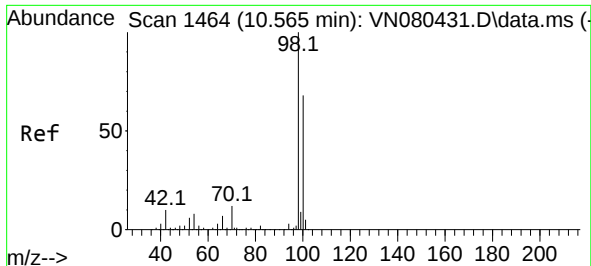
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 19.0 12.7 19.1

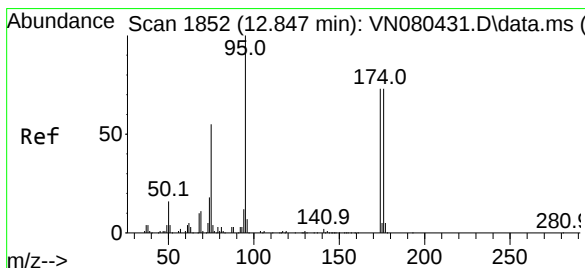
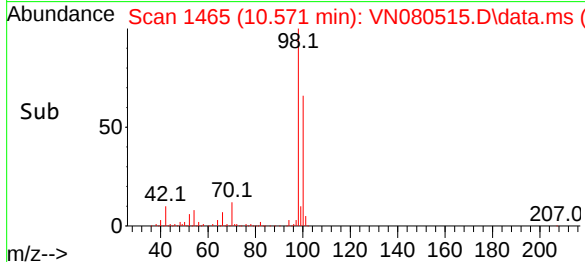
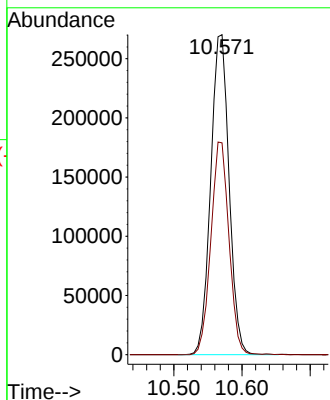
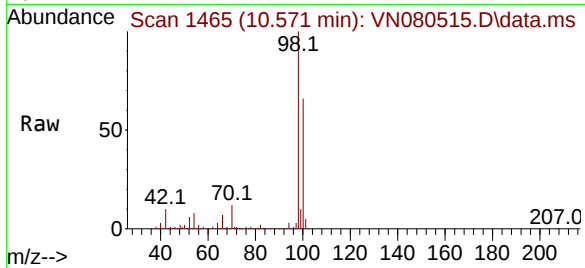




#50
Toluene-d8
Concen: 50.648 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080515.D
Acq: 19 Dec 2023 13:12

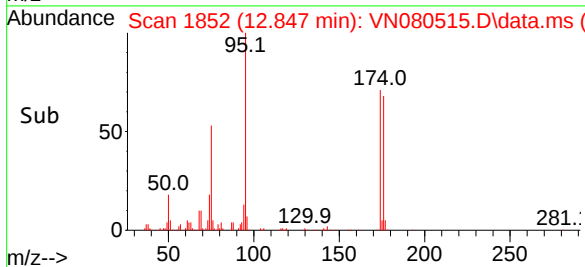
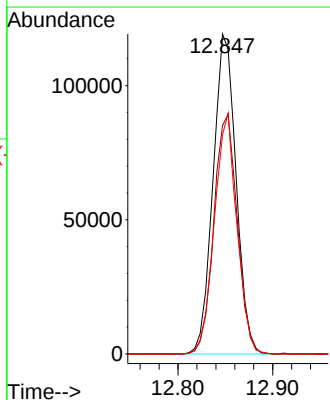
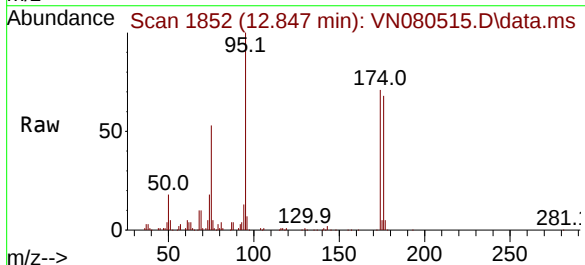
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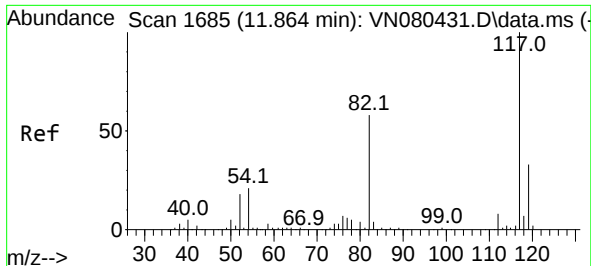
Tgt Ion: 98 Resp: 506955
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.802 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080515.D
Acq: 19 Dec 2023 13:12

Tgt Ion: 95 Resp: 200691
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 73.4 0.0 135.8

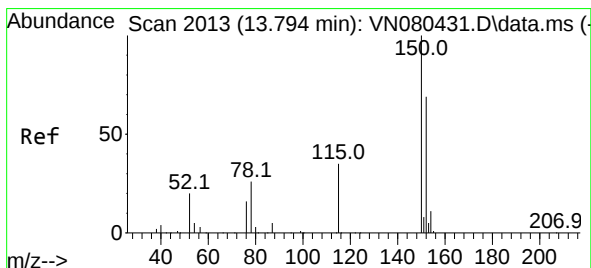
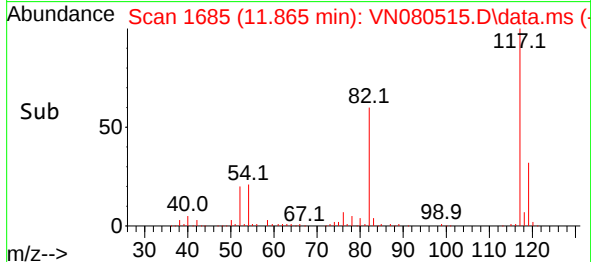
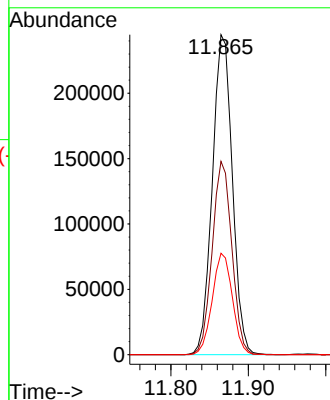
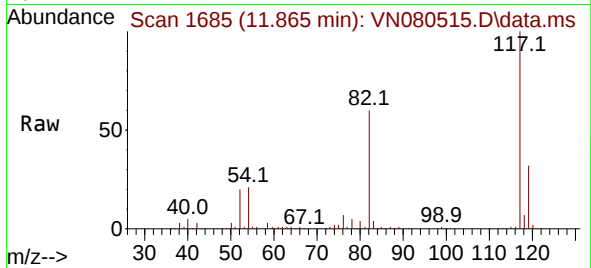




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080515.D
Acq: 19 Dec 2023 13:12

Instrument :
MSVOA_N
ClientSampleId :
AUD-1301

Tgt Ion:117 Resp: 439134
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 31.7 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: VN080515.D
Acq: 19 Dec 2023 13:12

Tgt Ion:152 Resp: 200092
Ion Ratio Lower Upper
152 100
115 66.5 32.3 96.8
150 156.4 0.0 355.8

