

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080517.D
 Acq On : 19 Dec 2023 13:59
 Operator : JC\MD
 Sample : 05886-05 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1300

Quant Time: Dec 20 04:01:29 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	219559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	404039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	417452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	193059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	159471	56.867	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.740%
35) Dibromofluoromethane	8.165	113	134609	52.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.100%
50) Toluene-d8	10.565	98	484750	50.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.853	95	196424	54.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.280%

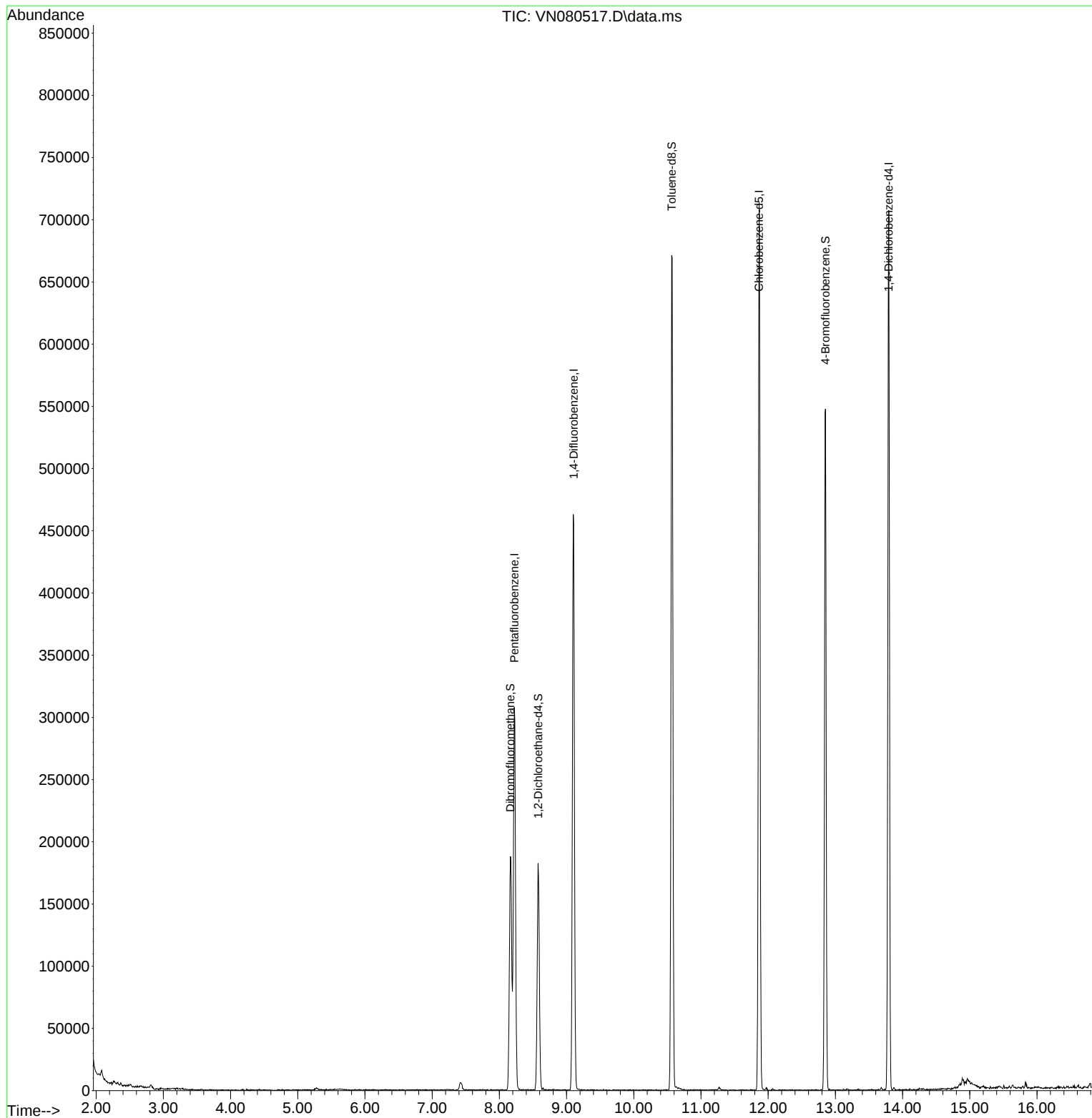
Target Compounds	Qvalue

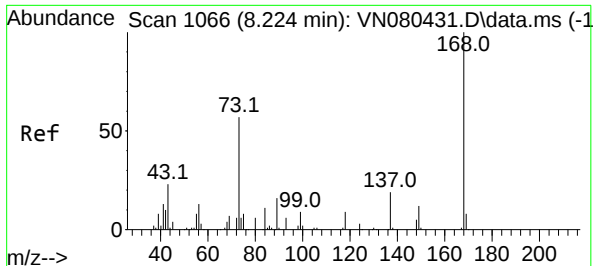
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

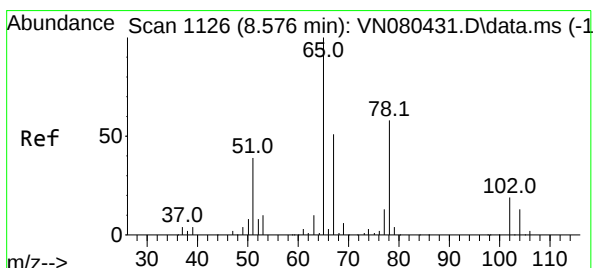
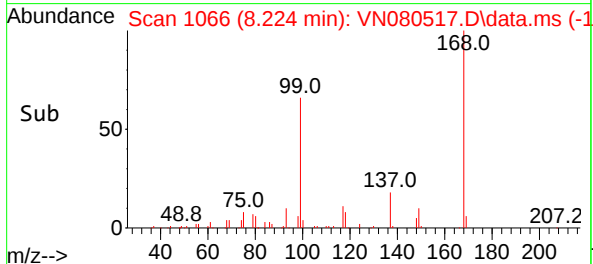
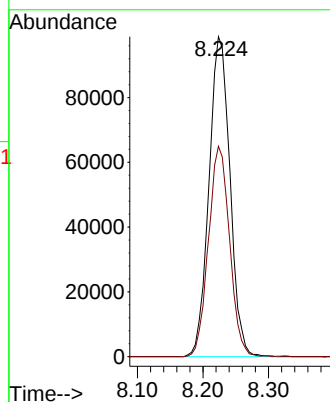
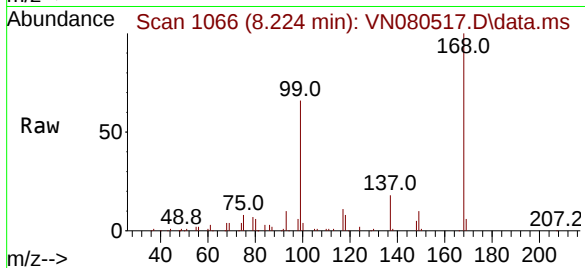
AUD-1300

Tgt Ion:168 Resp: 219559

Ion Ratio Lower Upper

168 100

99 65.7 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 56.867 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080517.D

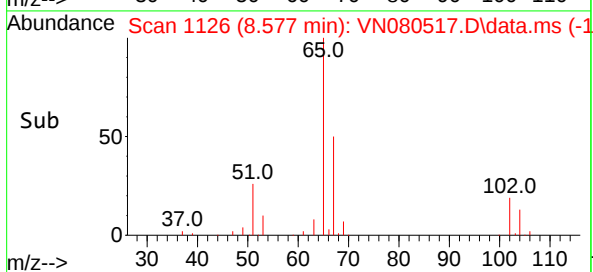
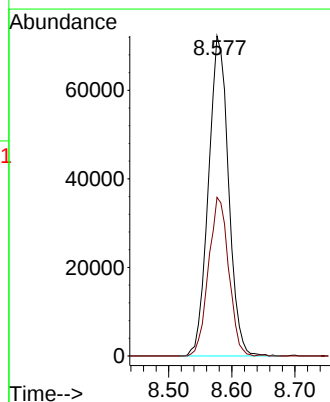
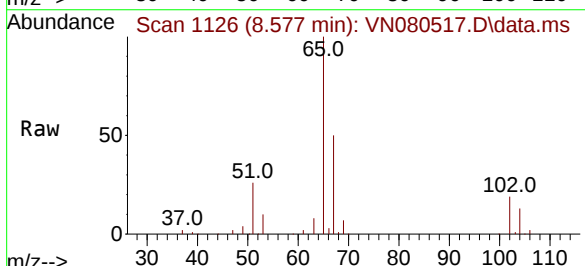
Acq: 19 Dec 2023 13:59

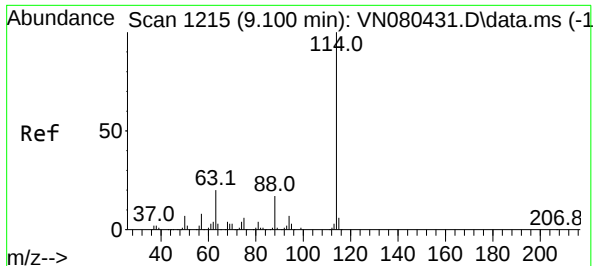
Tgt Ion: 65 Resp: 159471

Ion Ratio Lower Upper

65 100

67 49.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN080517.D

Acq: 19 Dec 2023 13:59

Instrument :

MSVOA_N

ClientSampleId :

AUD-1300

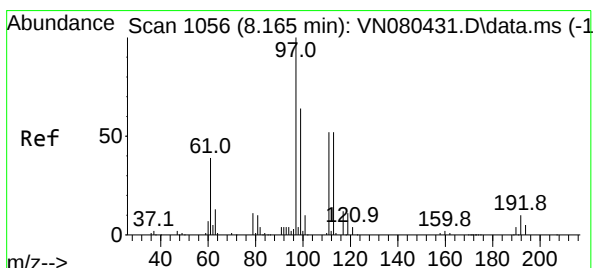
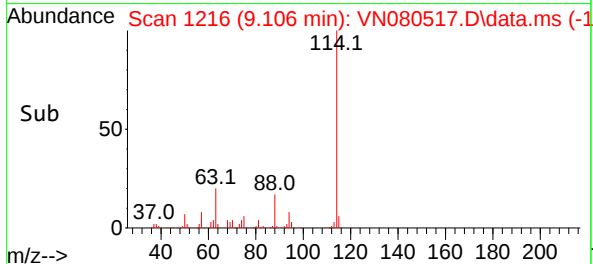
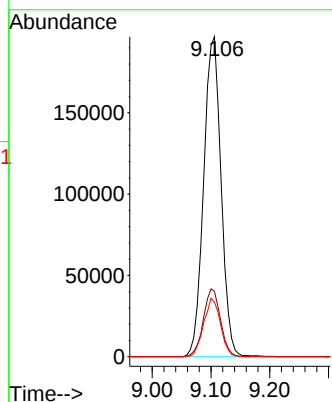
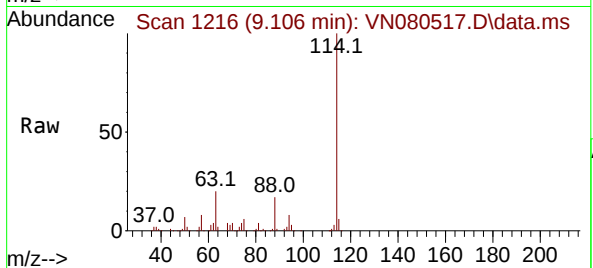
Tgt Ion:114 Resp: 404039

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.4

88 17.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.545 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080517.D

Acq: 19 Dec 2023 13:59

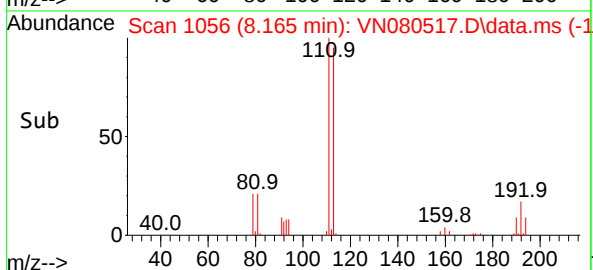
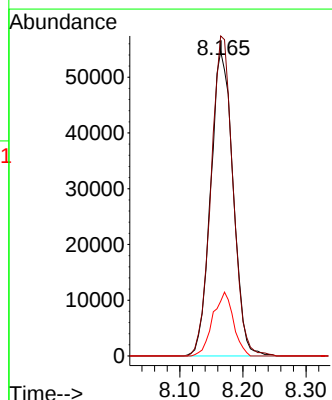
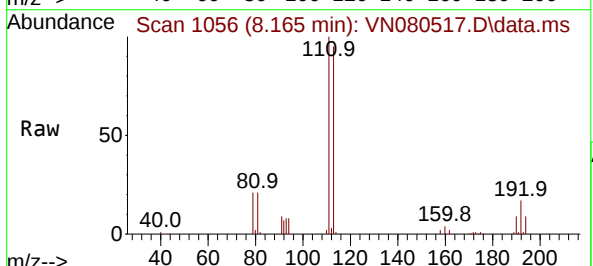
Tgt Ion:113 Resp: 134609

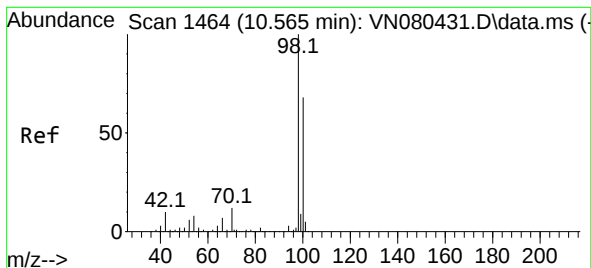
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 19.3 12.7 19.1#





#50

Toluene-d8

Concen: 50.737 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN080517.D

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Instrument :

MSVOA_N

ClientSampleId :

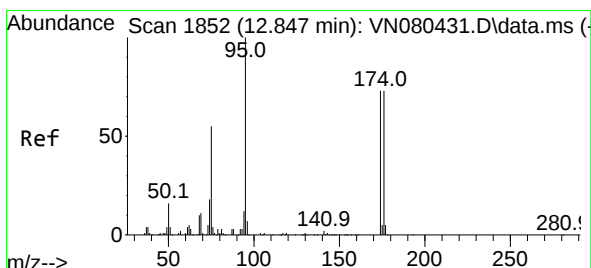
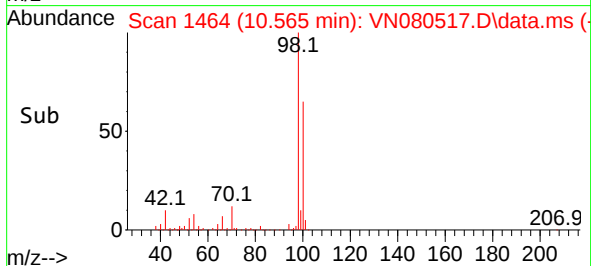
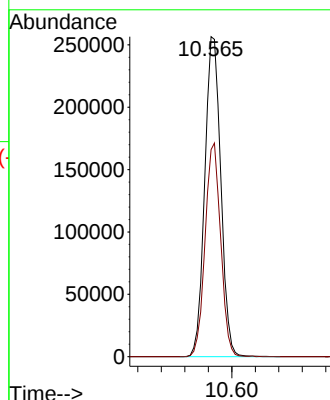
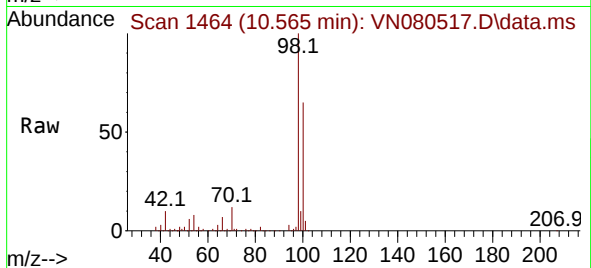
AUD-1300

Tgt Ion: 98 Resp: 484750

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 54.142 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080517.D

Acq: 19 Dec 2023 13:59

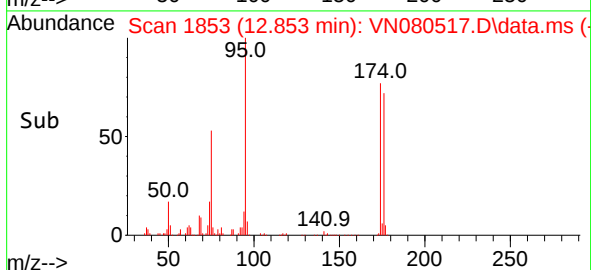
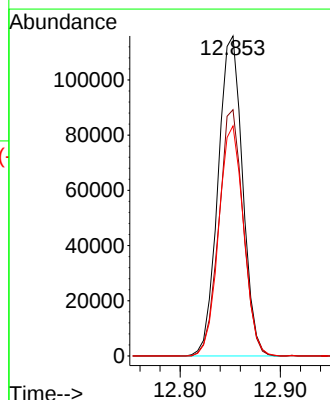
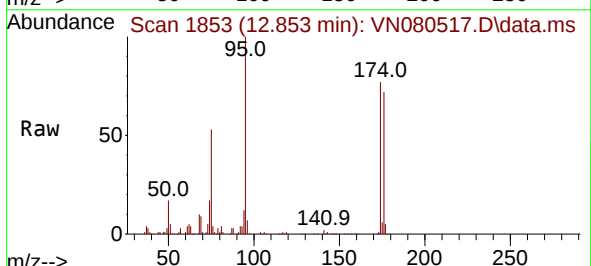
Tgt Ion: 95 Resp: 196424

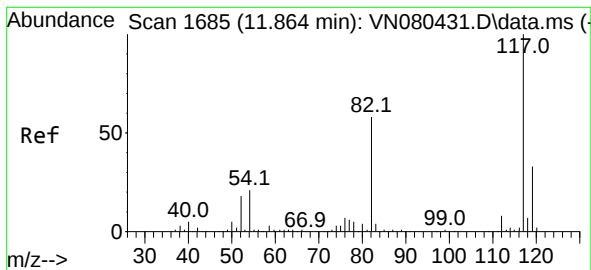
Ion Ratio Lower Upper

95 100

174 76.2 0.0 143.8

176 73.0 0.0 135.8

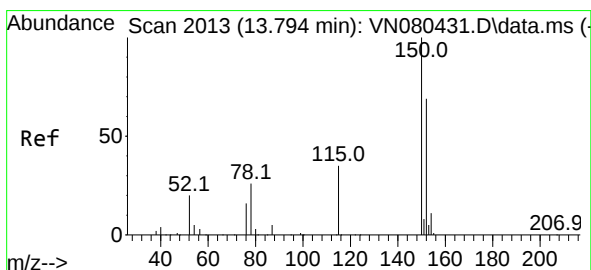
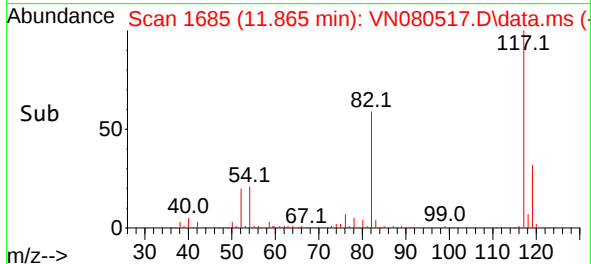
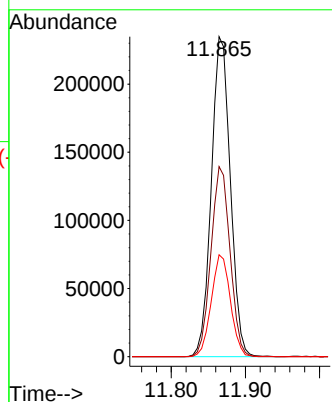
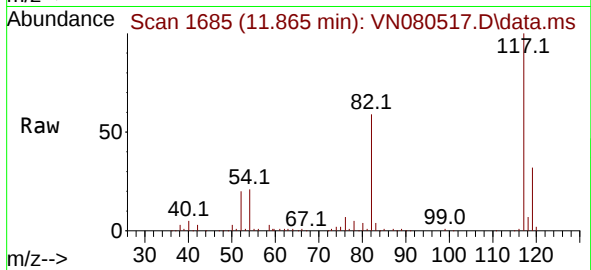




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN080517.D
Acq: 19 Dec 2023 13:59

Instrument :
MSVOA_N
ClientSampleId :
AUD-1300

Tgt Ion:117 Resp: 417452
Ion Ratio Lower Upper
117 100
82 59.4 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: VN080517.D
Acq: 19 Dec 2023 13:59

Tgt Ion:152 Resp: 193059
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 155.3 0.0 355.8

