

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080440.D
 Acq On : 12 Dec 2023 16:16
 Operator : JC\MD
 Sample : VN1212WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1212WBL02

Quant Time: Dec 13 02:32:52 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	242859	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	391704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	333407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	143556	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	218769	70.528	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	141.060%#
35) Dibromofluoromethane	8.165	113	165175	66.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	133.020%#
50) Toluene-d8	10.565	98	609569	65.811	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	131.620%#
62) 4-Bromofluorobenzene	12.847	95	210095	59.734	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.460%

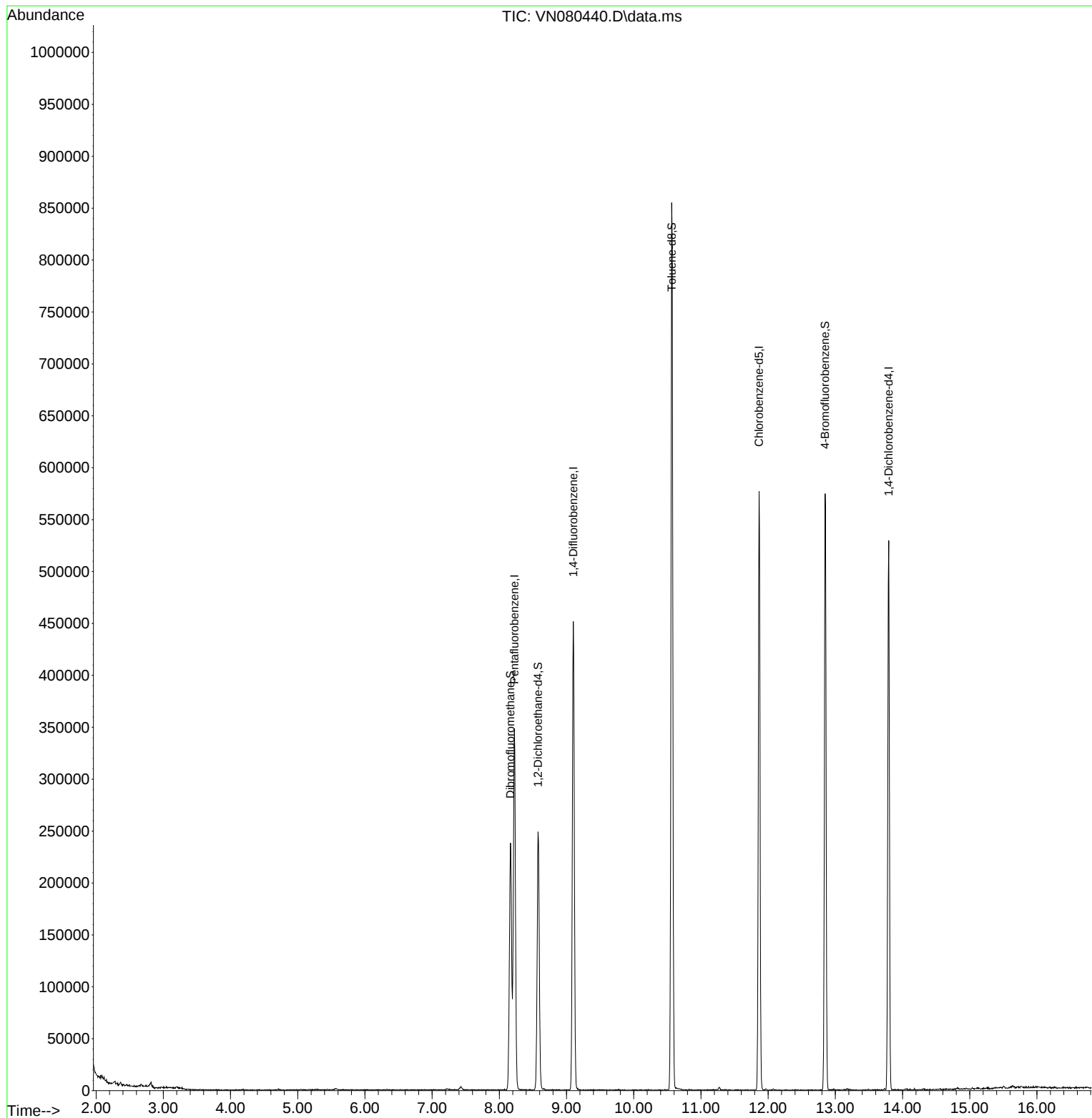
Target Compounds	Qvalue

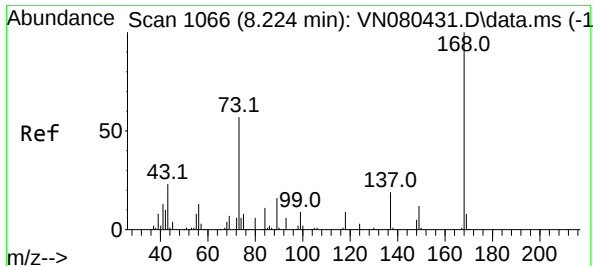
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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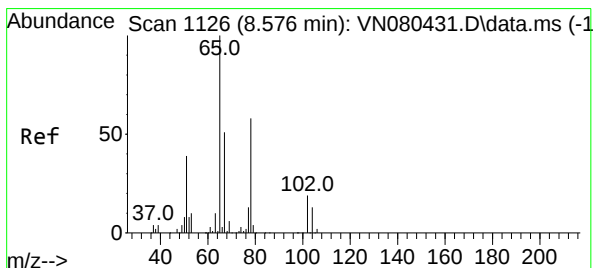
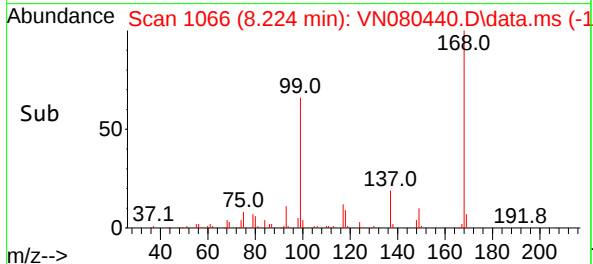
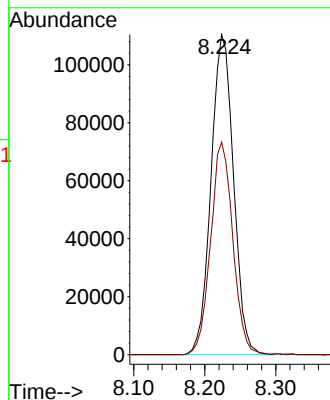
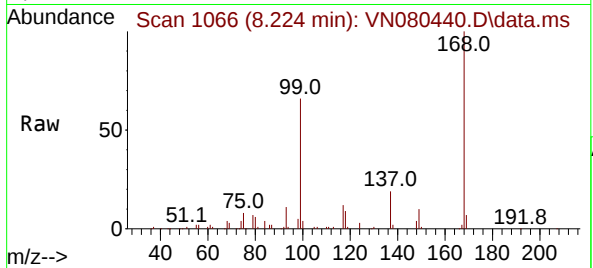




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

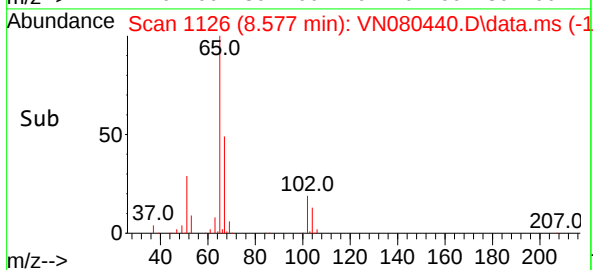
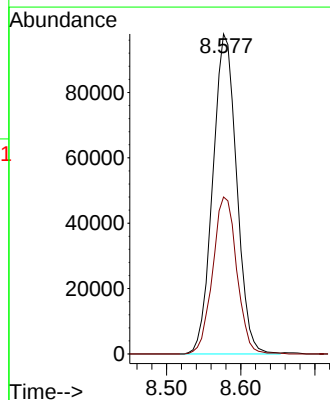
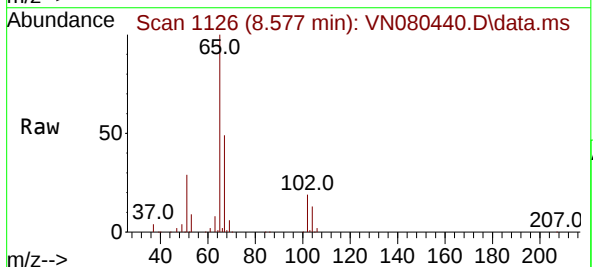
Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL02

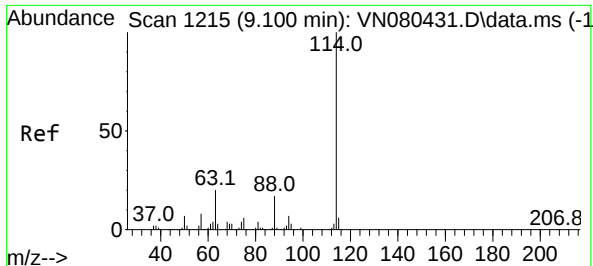
Tgt Ion:168 Resp: 242859
Ion Ratio Lower Upper
168 100
99 66.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 70.528 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Tgt Ion: 65 Resp: 218769
Ion Ratio Lower Upper
65 100
67 49.5 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: VN080440.D

Acq: 12 Dec 2023 16:16

Instrument :

MSVOA_N

ClientSampleId :

VN1212WBL02

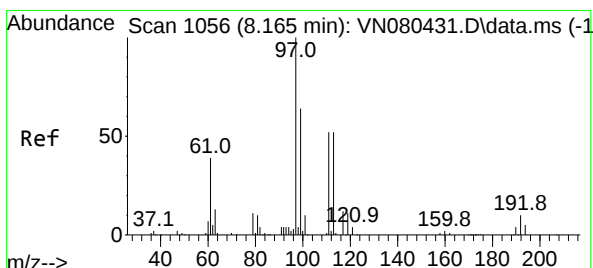
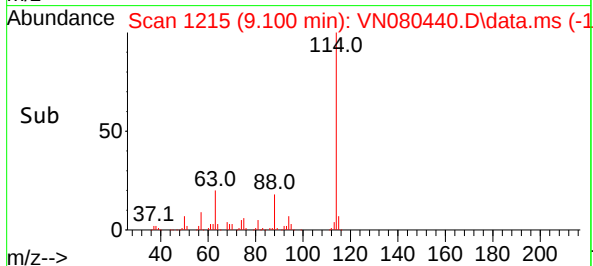
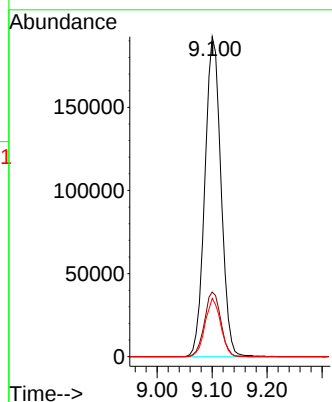
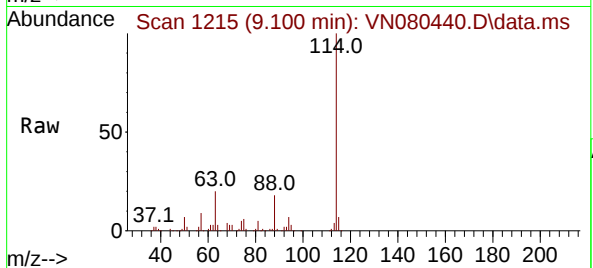
Tgt Ion:114 Resp: 391704

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 18.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 66.507 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080440.D

Acq: 12 Dec 2023 16:16

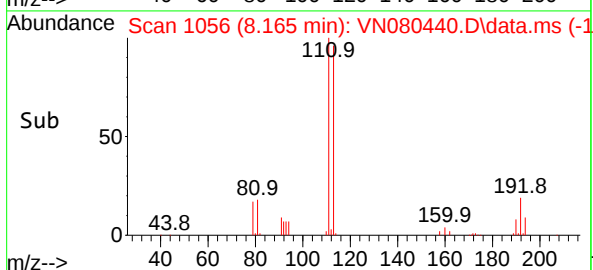
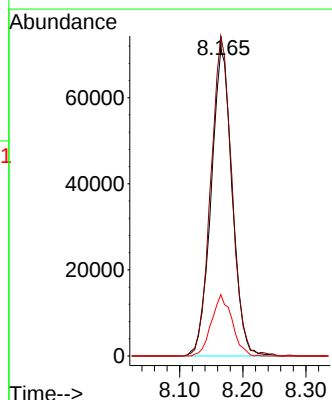
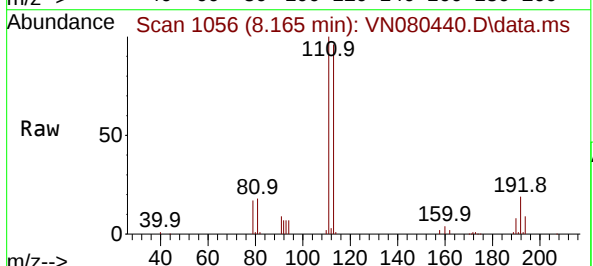
Tgt Ion:113 Resp: 165175

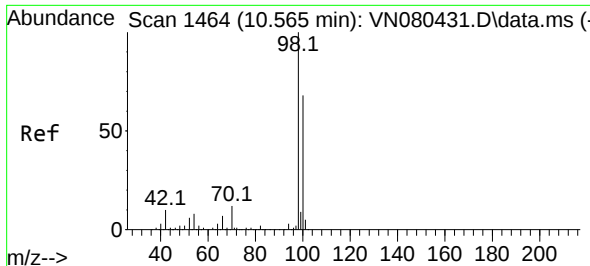
Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 19.5 12.7 19.1#

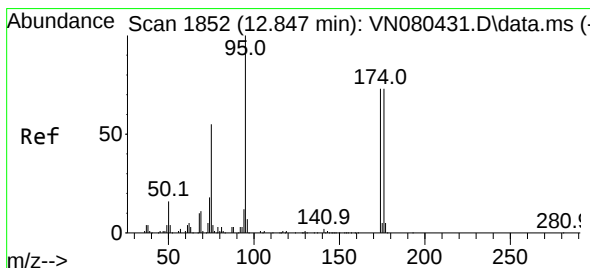
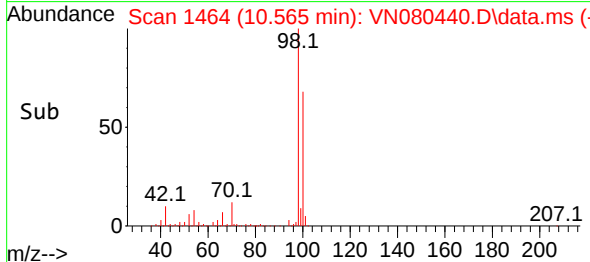
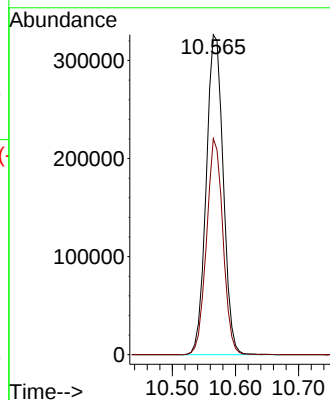
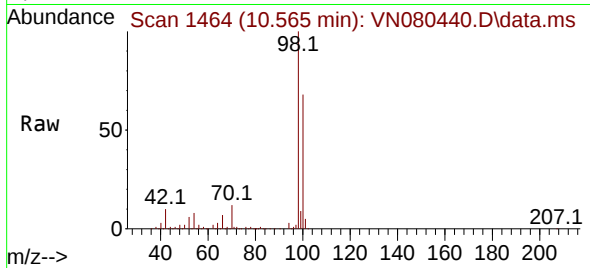




#50
Toluene-d8
Concen: 65.811 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

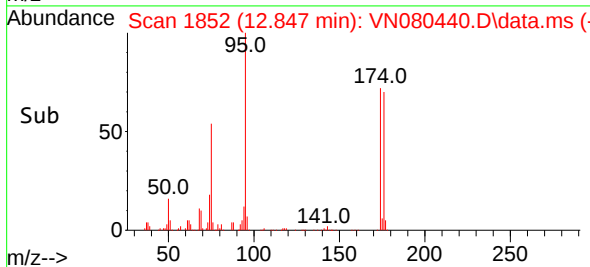
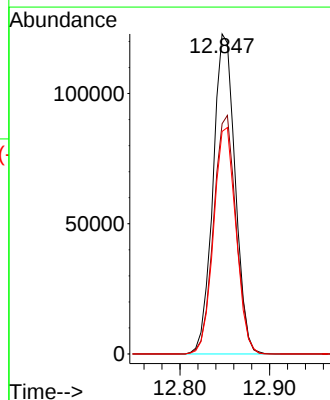
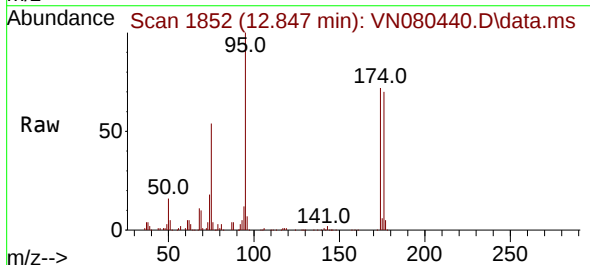
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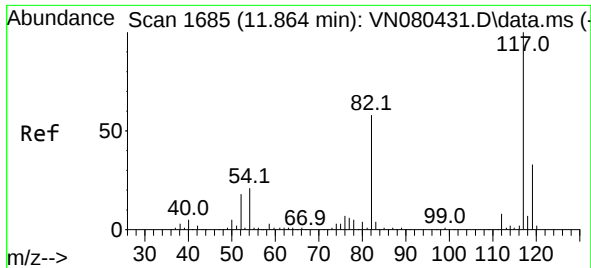
Tgt Ion: 98 Resp: 609569
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Tgt Ion: 95 Resp: 210095
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.5 0.0 135.8

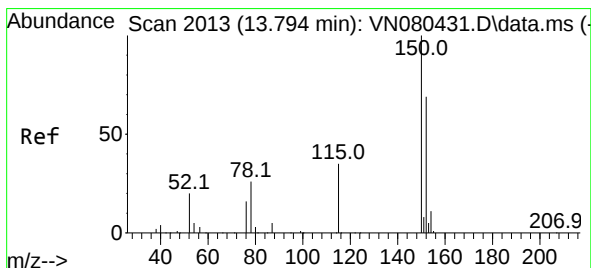
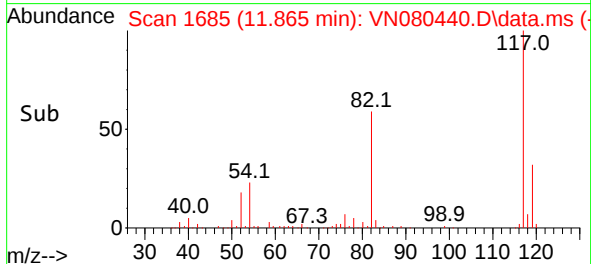
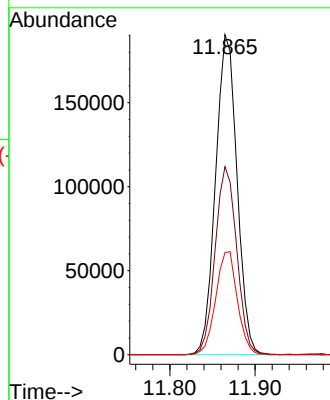
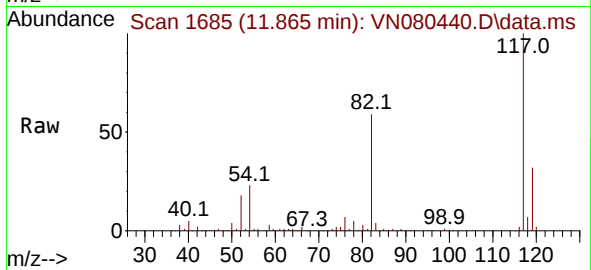




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080440.D
Acq: 12 Dec 2023 16:16

Instrument :
MSVOA_N
ClientSampleId :
VN1212WBL02

Tgt Ion:117 Resp: 333407
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 31.9 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: VN080440.D
Acq: 12 Dec 2023 16:16

Tgt Ion:152 Resp: 143556
Ion Ratio Lower Upper
152 100
115 66.1 32.3 96.8
150 157.0 0.0 355.8

