

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121223\
 Data File : VN080443.D
 Acq On : 12 Dec 2023 17:27
 Operator : JC\MD
 Sample : 05672-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Dec 13 02:34:55 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	8.229	168	210280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	385046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	404923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	186919	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	165292	61.544	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	123.080%
35) Dibromofluoromethane	8.165	113	138725	56.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.640%
50) Toluene-d8	10.565	98	510156	56.031	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.060%
62) 4-Bromofluorobenzene	12.853	95	209515	60.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	121.200%

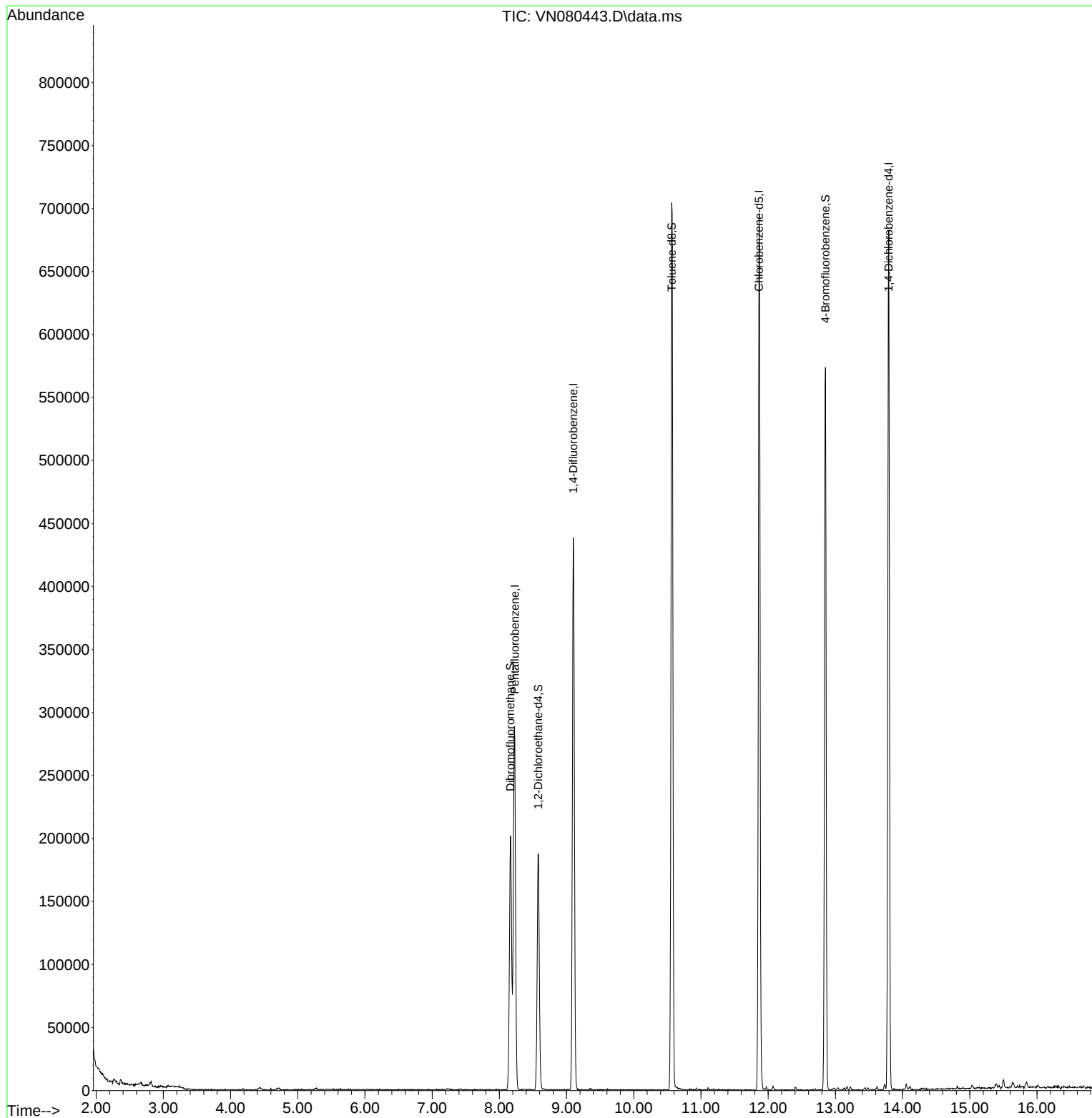
Target Compounds	Qvalue

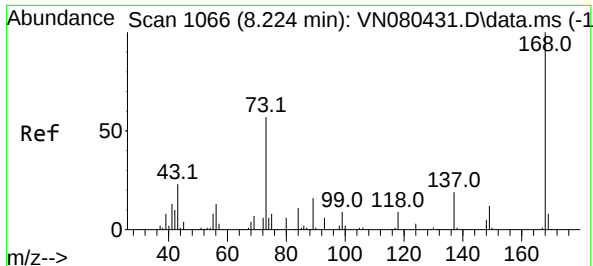
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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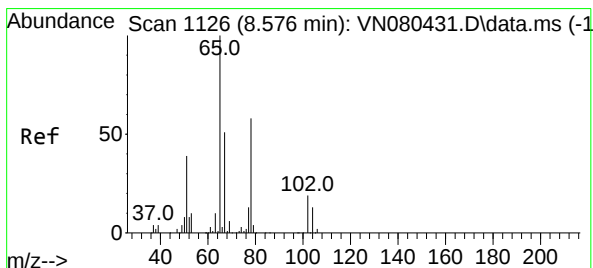
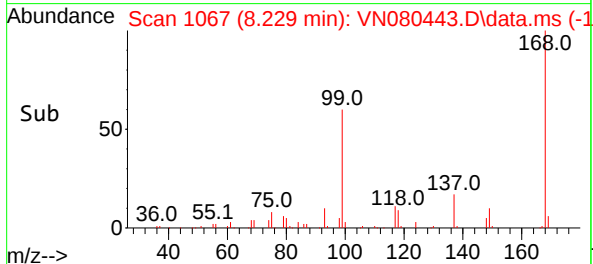
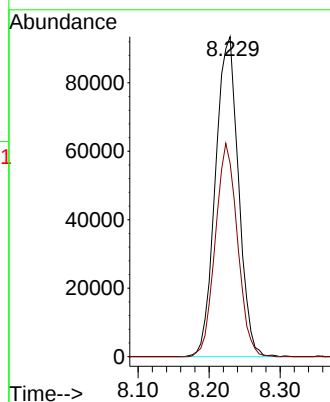
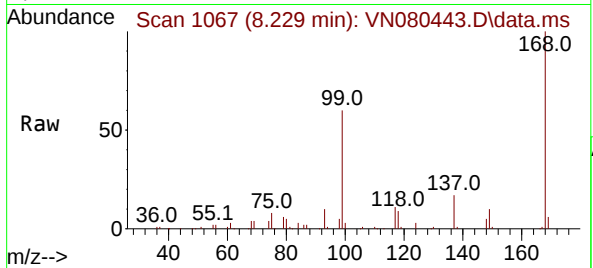




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080443.D
Acq: 12 Dec 2023 17:27

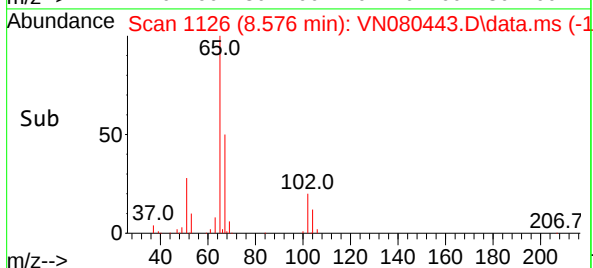
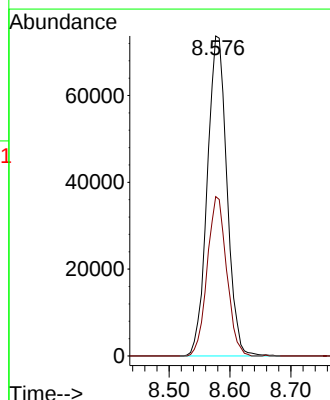
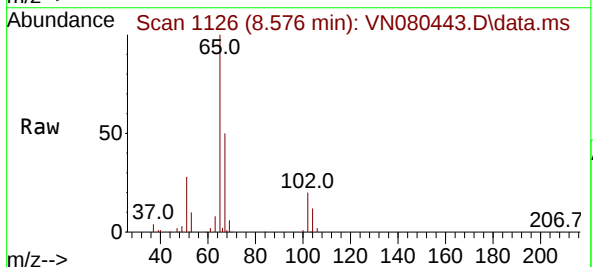
Instrument :
MSVOA_N
ClientSampleId :
MW-1

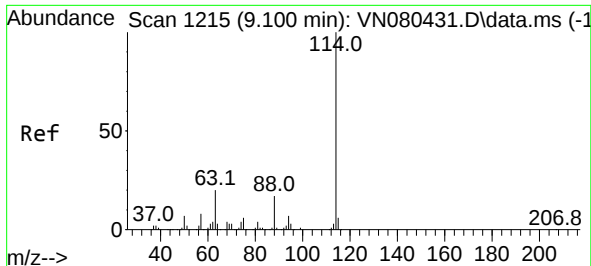
Tgt Ion:168 Resp: 210280
Ion Ratio Lower Upper
168 100
99 60.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 61.544 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080443.D
Acq: 12 Dec 2023 17:27

Tgt Ion: 65 Resp: 165292
Ion Ratio Lower Upper
65 100
67 49.2 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: VN080443.D

Acq: 12 Dec 2023 17:27

Instrument :

MSVOA_N

ClientSampleId :

MW-1

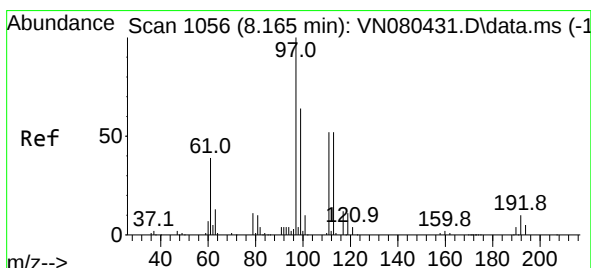
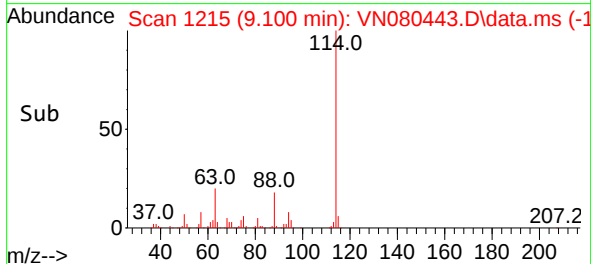
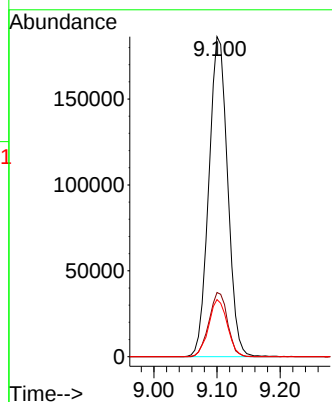
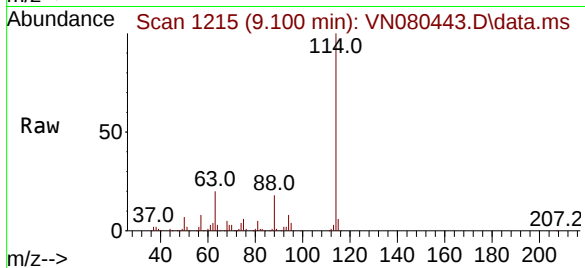
Tgt Ion:114 Resp: 385046

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 17.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.823 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN080443.D

Acq: 12 Dec 2023 17:27

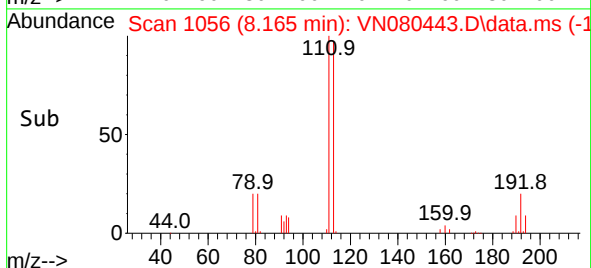
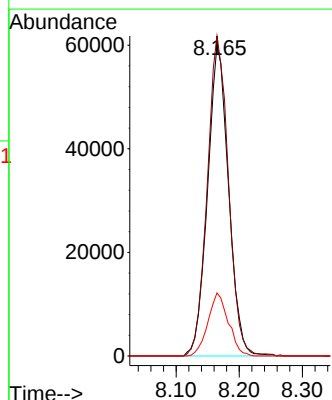
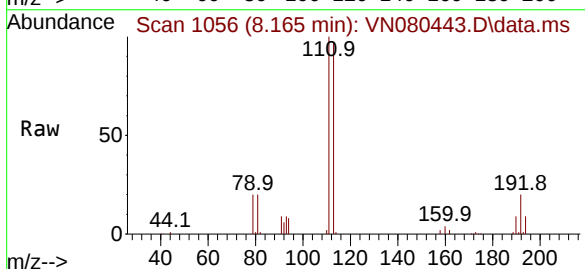
Tgt Ion:113 Resp: 138725

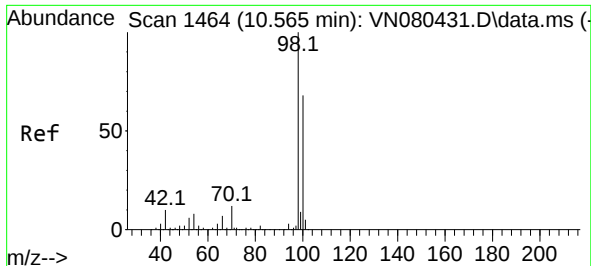
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 19.7 12.7 19.1#

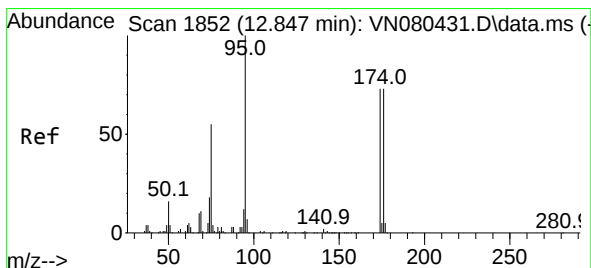
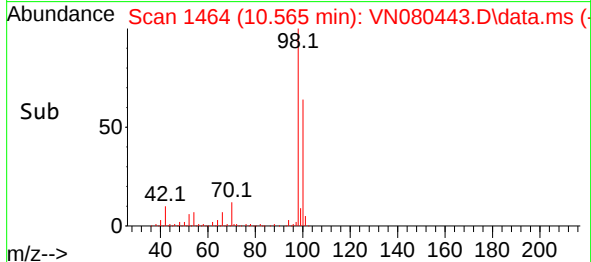
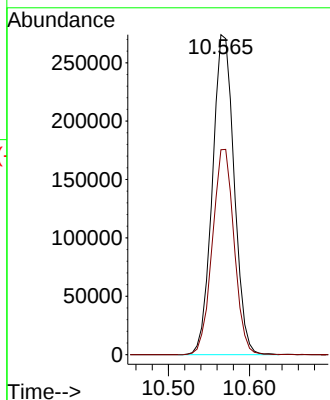
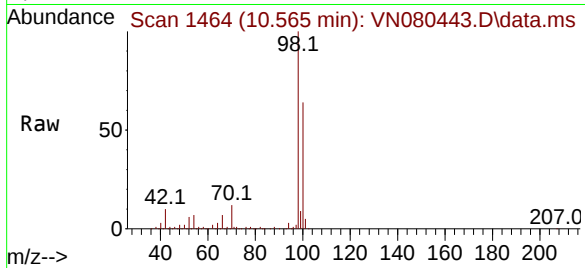




#50
Toluene-d8
Concen: 56.031 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080443.D
Acq: 12 Dec 2023 17:27

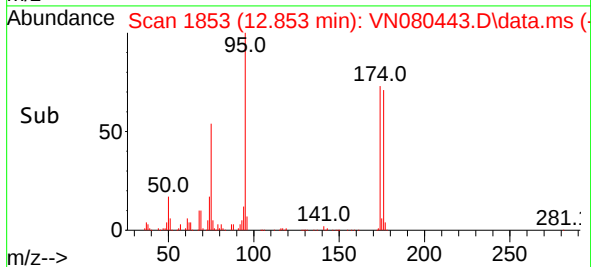
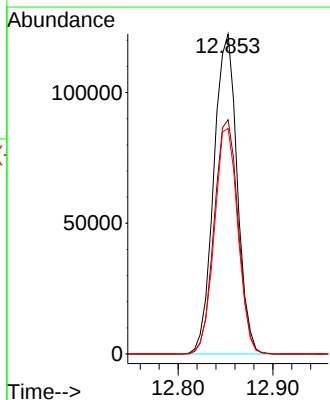
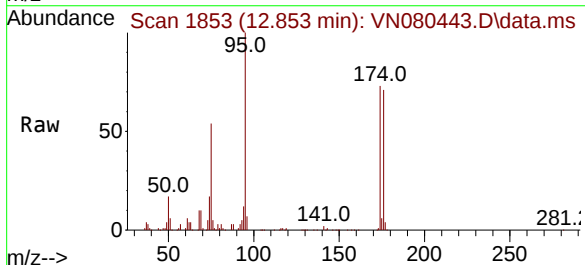
Instrument :
MSVOA_N
ClientSampleId :
MW-1

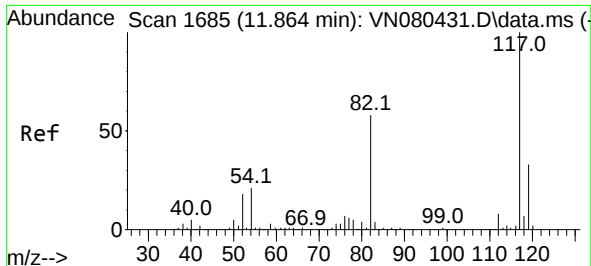
Tgt Ion: 98 Resp: 510156
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 60.599 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080443.D
Acq: 12 Dec 2023 17:27

Tgt Ion: 95 Resp: 209515
Ion Ratio Lower Upper
95 100
174 75.1 0.0 143.8
176 71.3 0.0 135.8

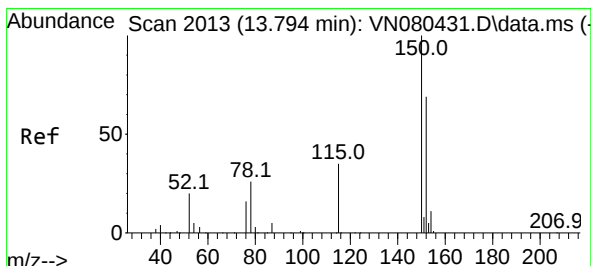
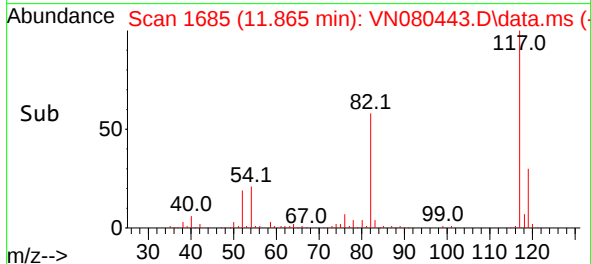
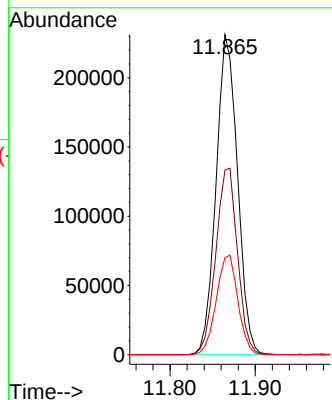
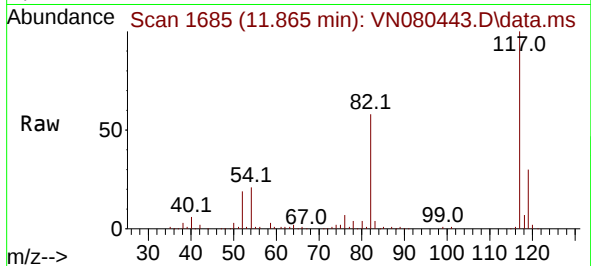




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080443.D
Acq: 12 Dec 2023 17:27

Instrument :
MSVOA_N
ClientSampleId :
MW-1

Tgt Ion:117 Resp: 404923
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 30.4 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: VN080443.D
Acq: 12 Dec 2023 17:27

Tgt Ion:152 Resp: 186919
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 154.3 0.0 355.8

