

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081708.D
 Acq On : 12 Apr 2024 11:07
 Operator : JC\MD
 Sample : VN0412WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBL01

Quant Time: Apr 13 06:52:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	274650	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	503802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	478202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	192261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	210980	60.237	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	120.480%
35) Dibromofluoromethane	8.171	113	175151	55.088	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.180%
50) Toluene-d8	10.571	98	628152	54.653	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.300%
62) 4-Bromofluorobenzene	12.853	95	199983	49.380	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.760%

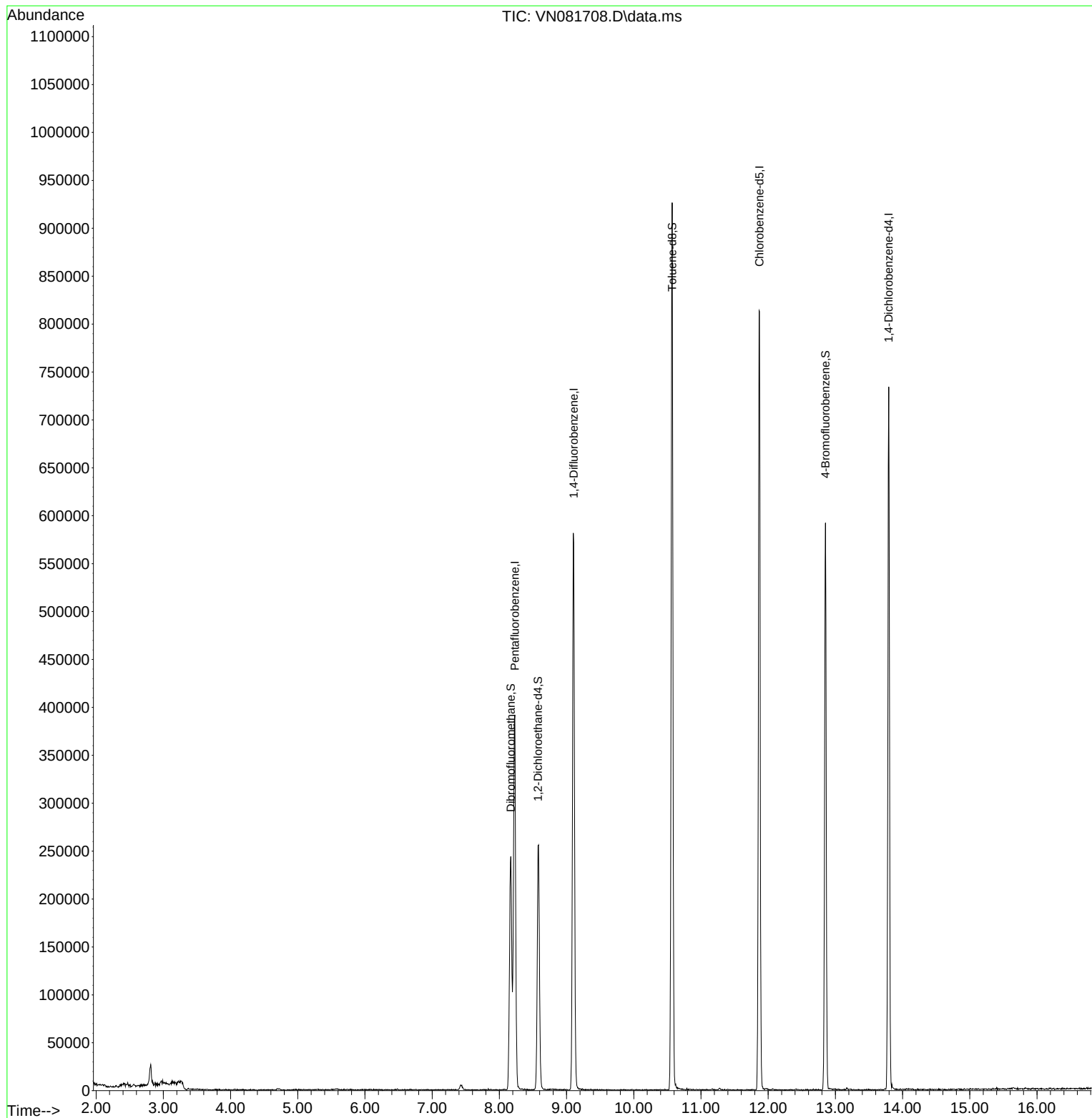
Target Compounds	Qvalue

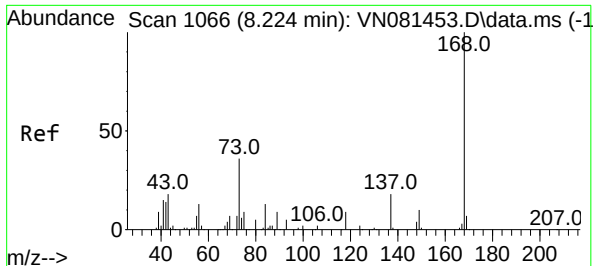
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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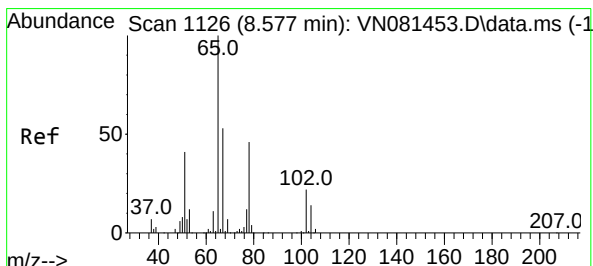
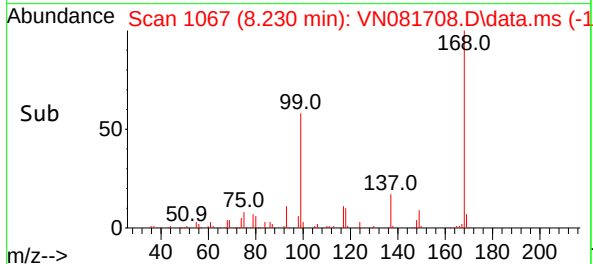
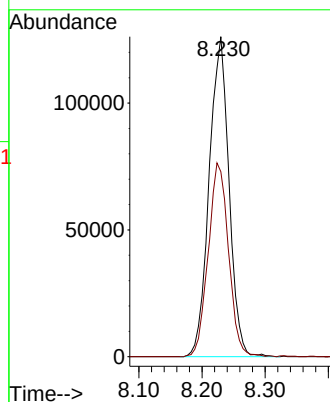
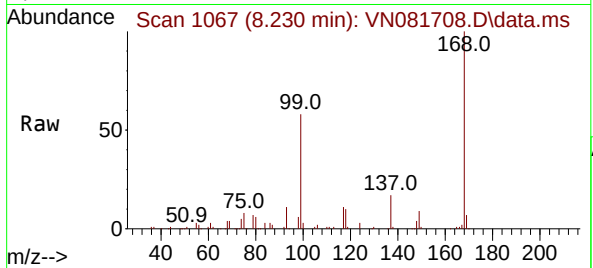




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

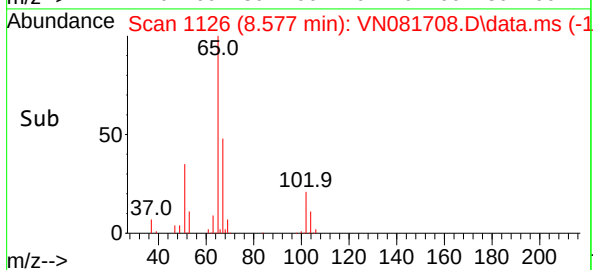
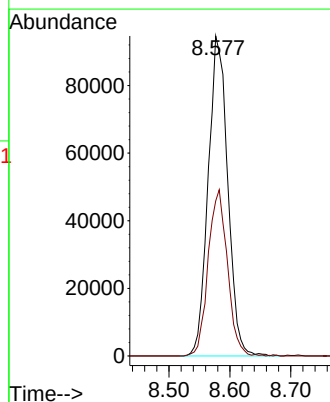
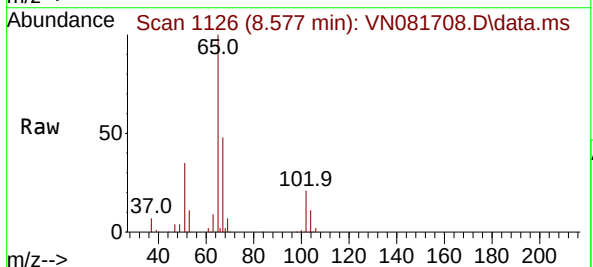
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

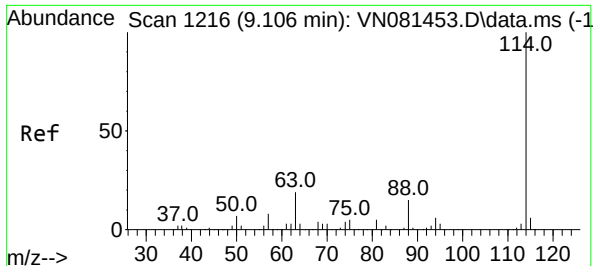
Tgt Ion:168 Resp: 274650
Ion Ratio Lower Upper
168 100
99 57.8 59.9 89.9#



#33
1,2-Dichloroethane-d4
Concen: 60.237 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

Tgt Ion: 65 Resp: 210980
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081708.D

Acq: 12 Apr 2024 11:07

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBL01

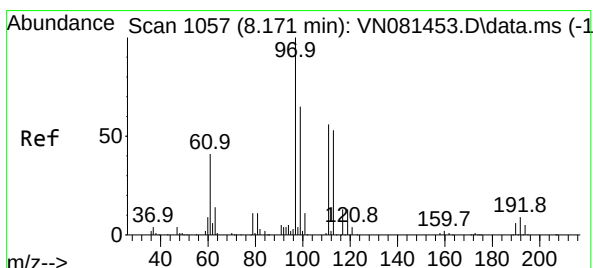
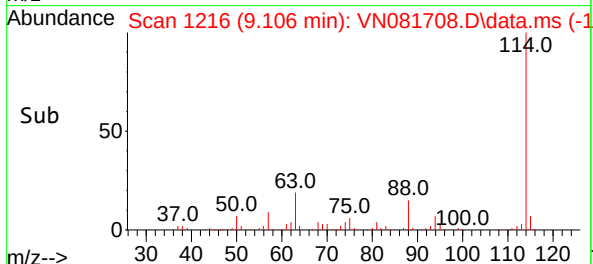
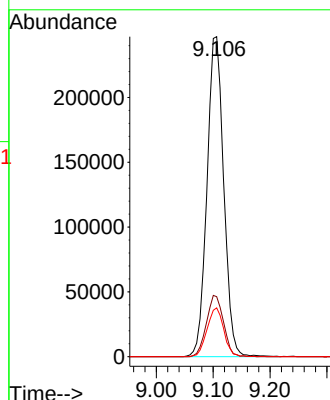
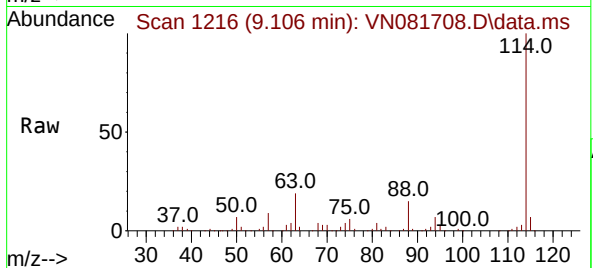
Tgt Ion:114 Resp: 503802

Ion Ratio Lower Upper

114 100

63 18.8 0.0 48.0

88 15.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 55.088 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN081708.D

Acq: 12 Apr 2024 11:07

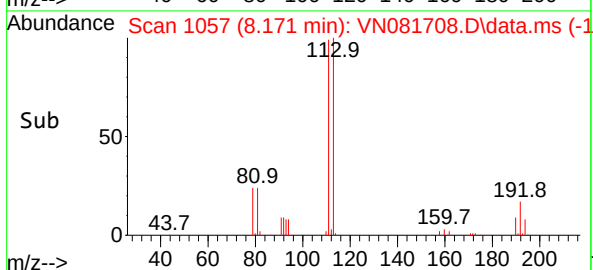
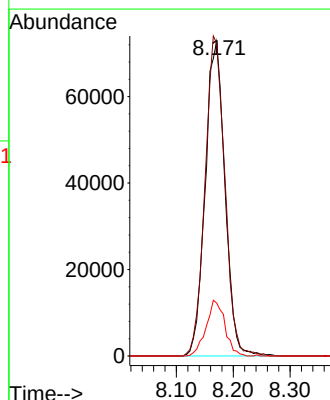
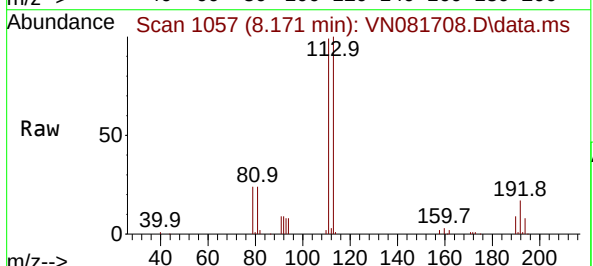
Tgt Ion:113 Resp: 175151

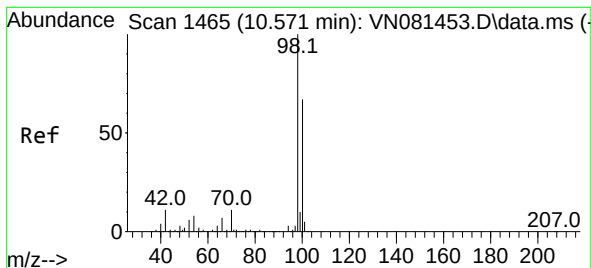
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 16.9 12.5 18.7

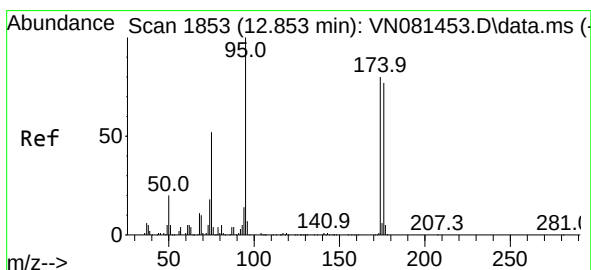
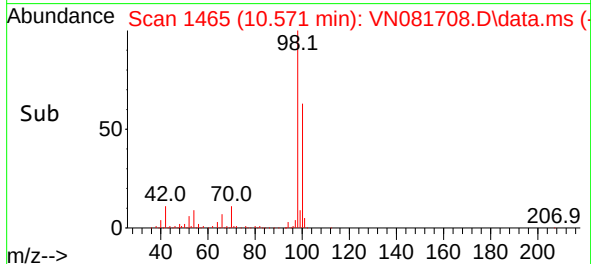
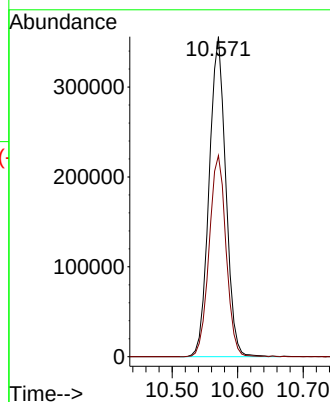
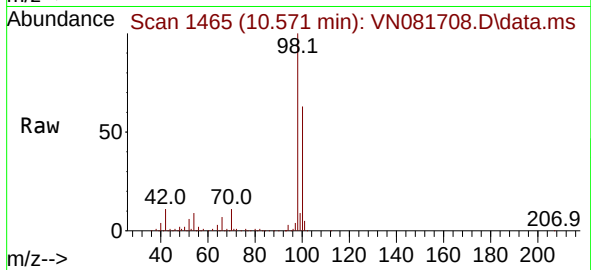




#50
Toluene-d8
Concen: 54.653 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

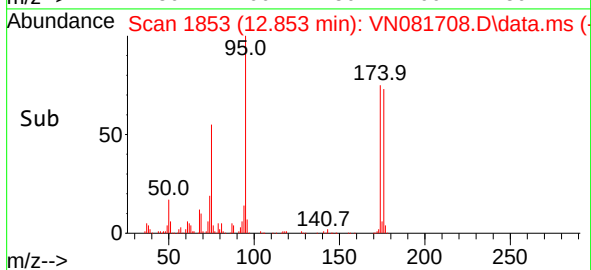
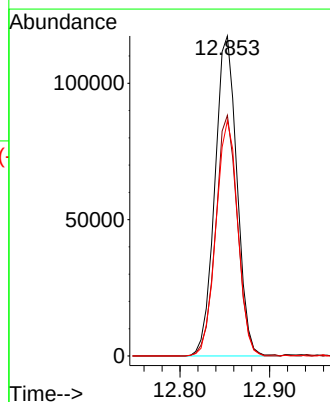
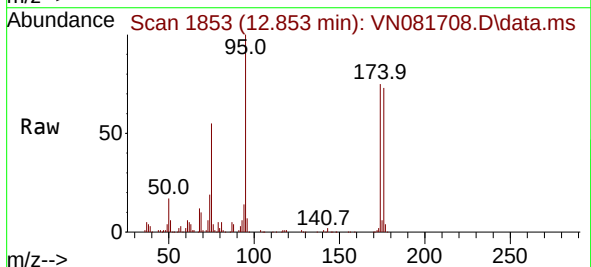
Instrument :
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VN0412WBL01

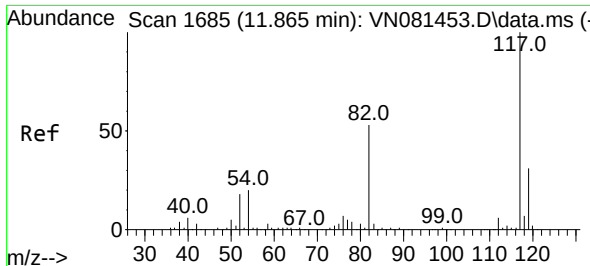
Tgt Ion: 98 Resp: 628152
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.380 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

Tgt Ion: 95 Resp: 199983
Ion Ratio Lower Upper
95 100
174 74.2 0.0 120.4
176 72.8 0.0 121.0

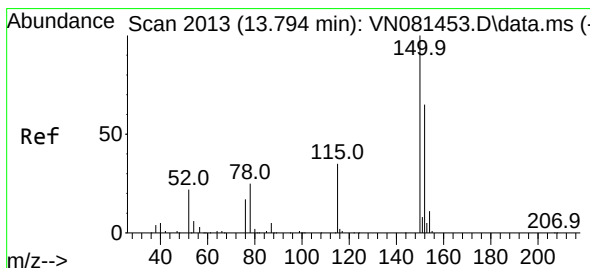
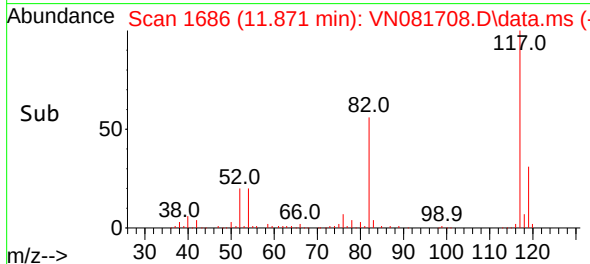
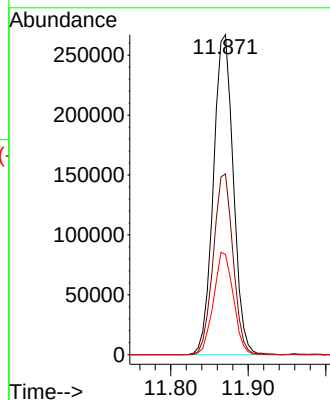
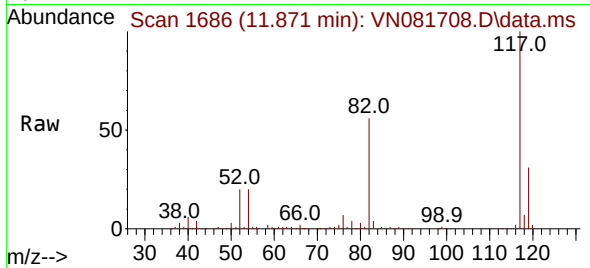




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBL01

Tgt Ion:117 Resp: 478202
Ion Ratio Lower Upper
117 100
82 56.5 52.7 79.1
119 31.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081708.D
Acq: 12 Apr 2024 11:07

Tgt Ion:152 Resp: 192261
Ion Ratio Lower Upper
152 100
115 61.8 32.3 96.8
150 155.2 0.0 339.8

