

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081956.D
 Acq On : 01 May 2024 15:02
 Operator : JC\MD
 Sample : P2306-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1-20240429

Quant Time: May 02 01:39:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

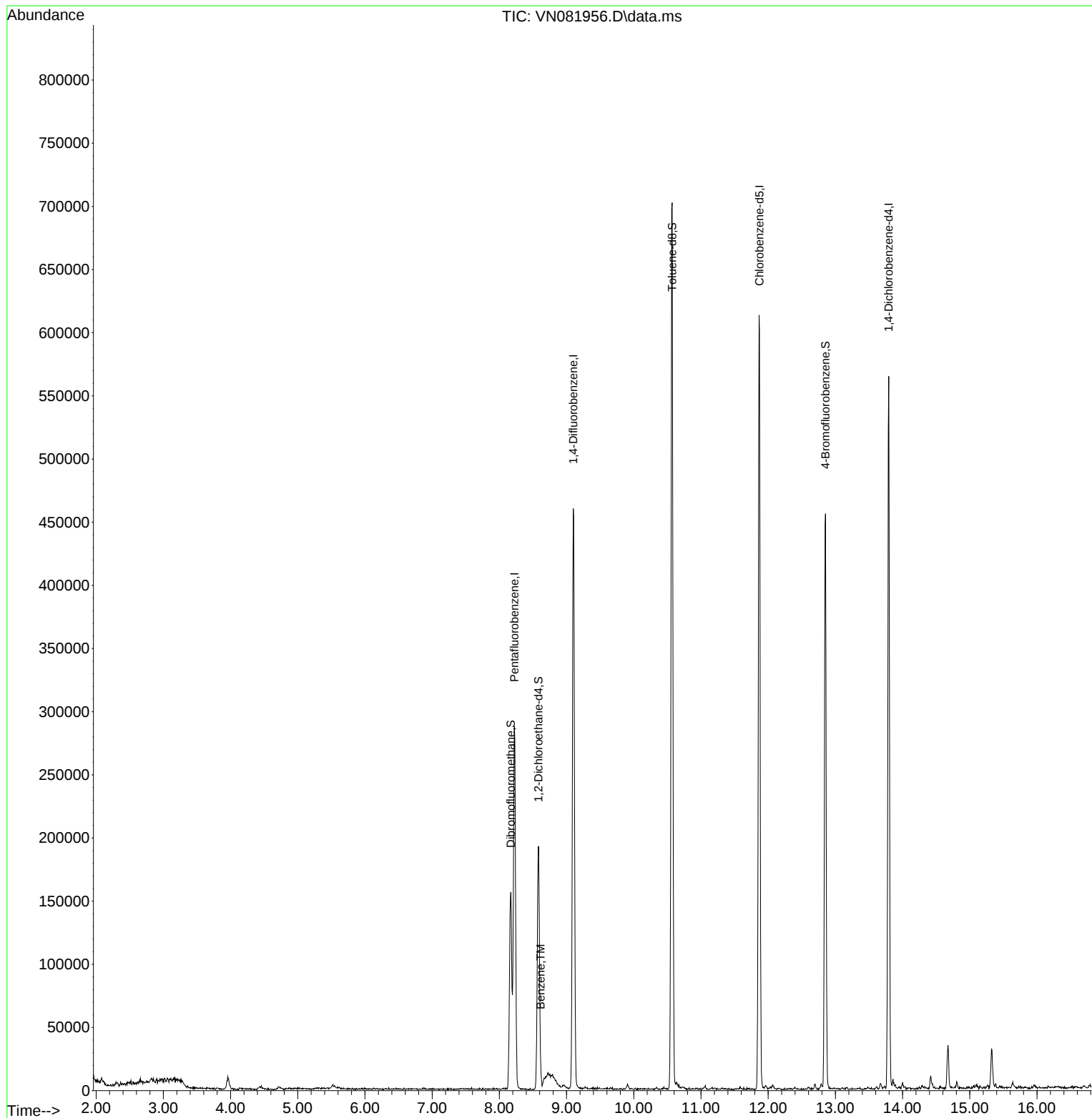
Internal Standards						
1) Pentafluorobenzene	8.224	168	199475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	396150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	342018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	137239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	149981	44.550	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.100%
35) Dibromofluoromethane	8.171	113	115379	48.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	10.571	98	482875	51.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	12.853	95	165819	44.779	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.560%
Target Compounds						
					Qvalue	
40) Benzene	8.612	78	7094	0.609	ug/l #	72

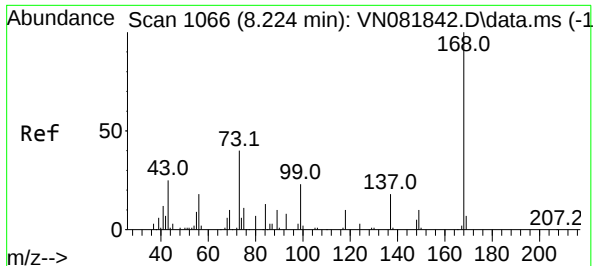
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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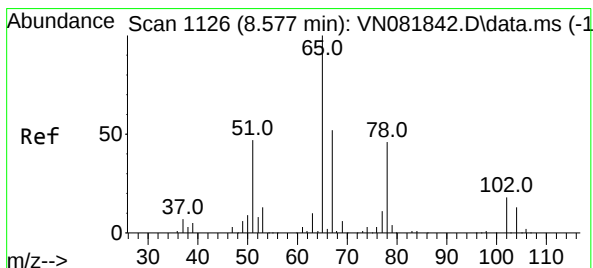
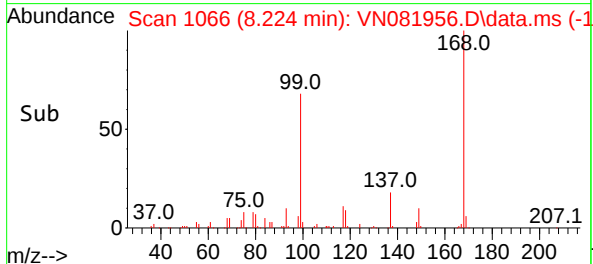
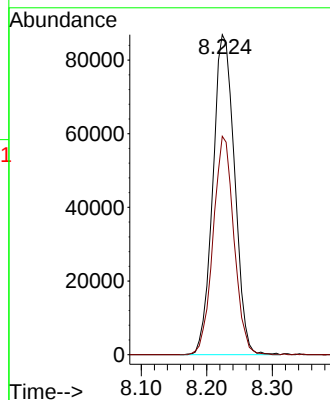
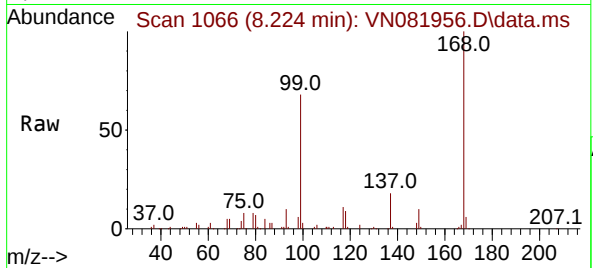




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

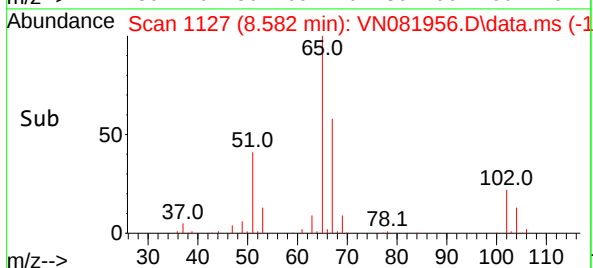
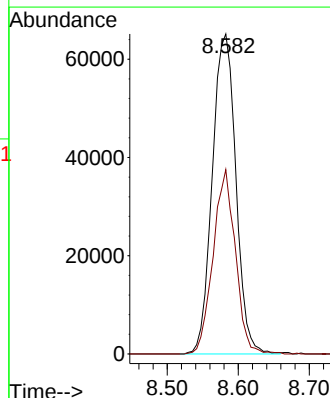
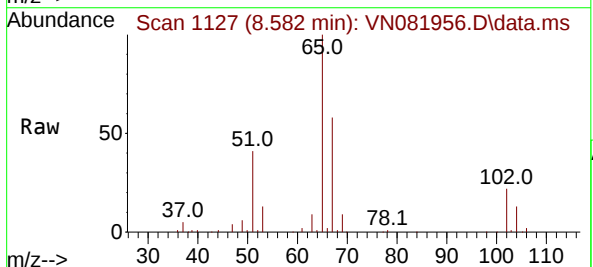
Instrument :
MSVOA_N
ClientSampleId :
MW-1-20240429

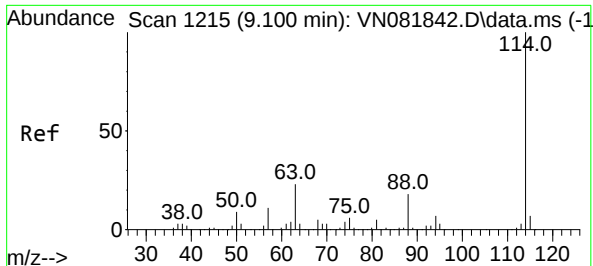
Tgt Ion:168 Resp: 199475
Ion Ratio Lower Upper
168 100
99 68.3 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 44.550 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

Tgt Ion: 65 Resp: 149981
Ion Ratio Lower Upper
65 100
67 54.6 0.0 103.0

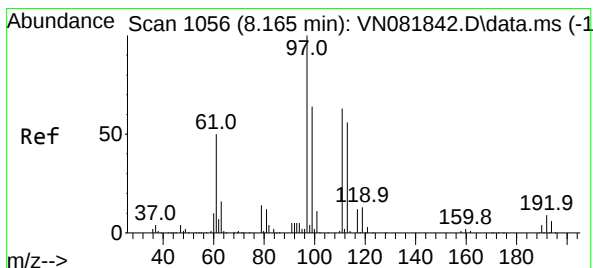
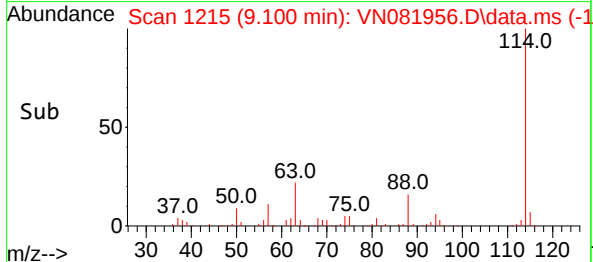
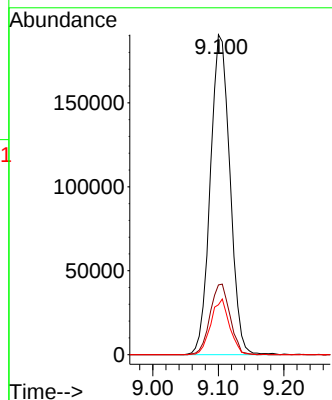
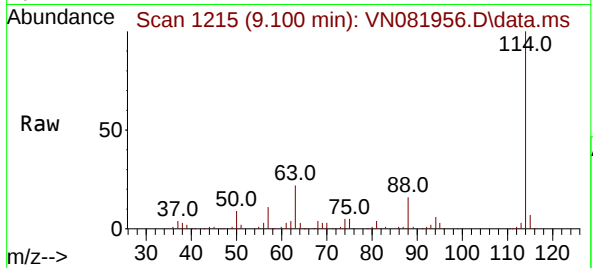




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

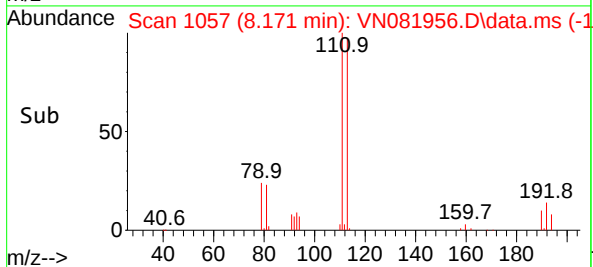
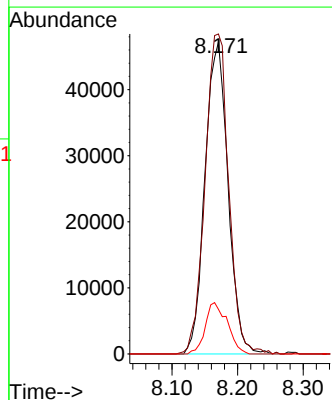
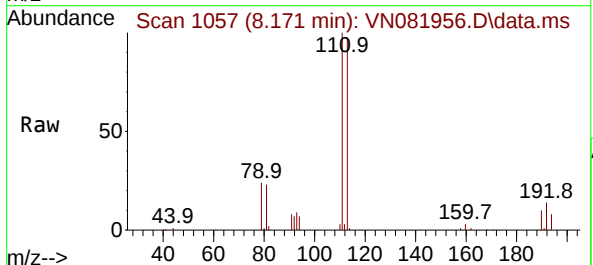
Instrument :
MSVOA_N
ClientSampleId :
MW-1-20240429

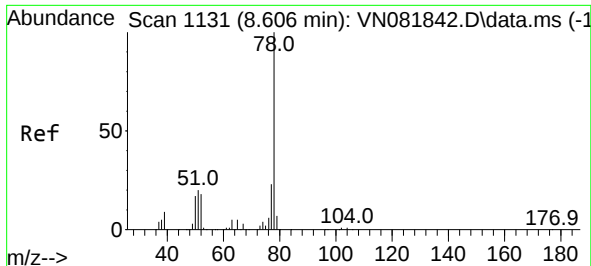
Tgt Ion:114 Resp: 396150
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.0
88 15.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.374 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

Tgt Ion:113 Resp: 115379
Ion Ratio Lower Upper
113 100
111 105.1 83.4 125.2
192 15.8 14.0 21.0





#40

Benzene

Concen: 0.609 ug/l

RT: 8.612 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN081956.D

Acq: 01 May 2024 15:02

Instrument :

MSVOA_N

ClientSampleId :

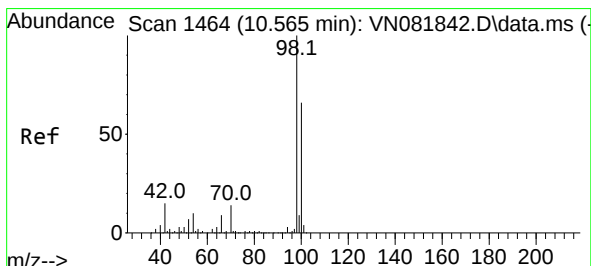
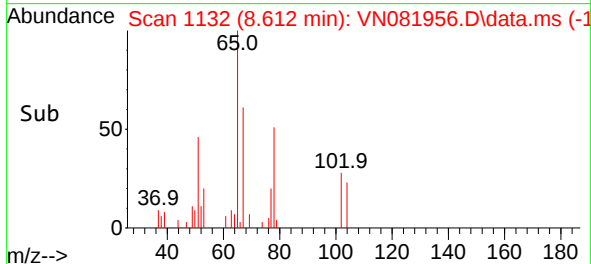
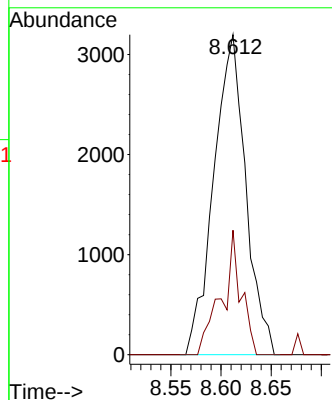
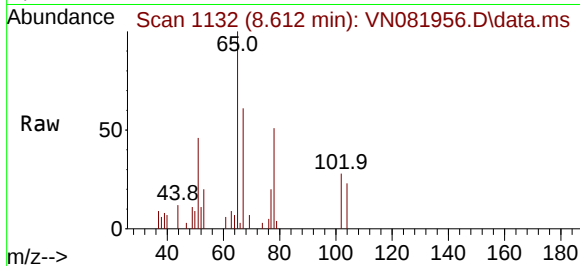
MW-1-20240429

Tgt Ion: 78 Resp: 7094

Ion Ratio Lower Upper

78 100

77 38.9 20.0 30.0#



#50

Toluene-d8

Concen: 51.548 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081956.D

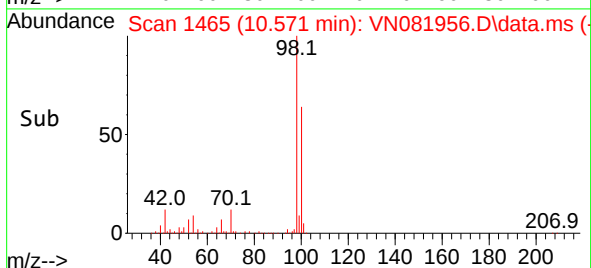
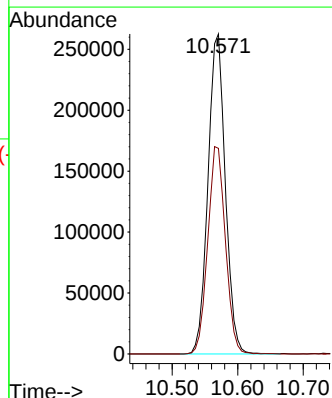
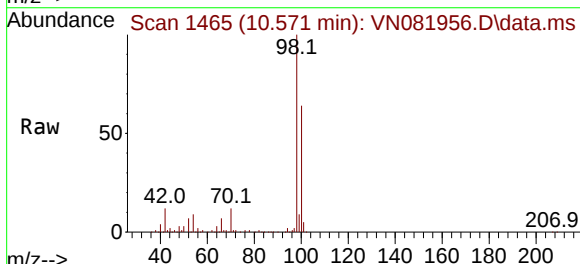
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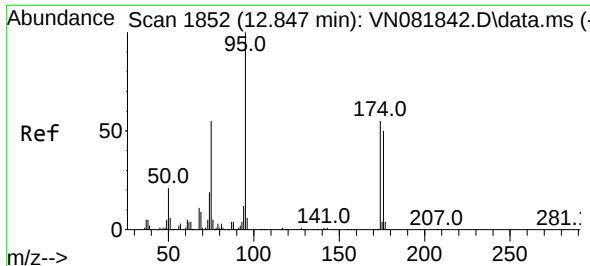
Tgt Ion: 98 Resp: 482875

Ion Ratio Lower Upper

98 100

100 66.0 51.8 77.6

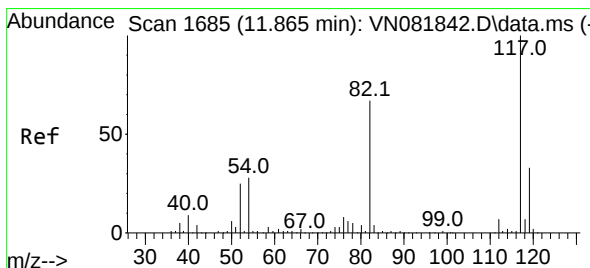
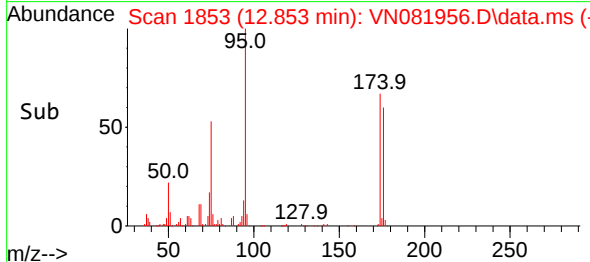
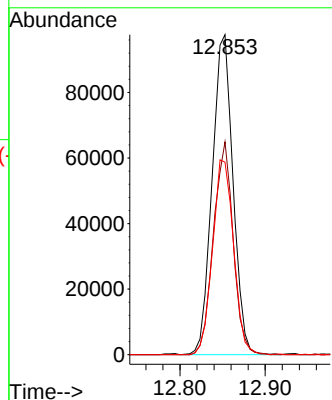
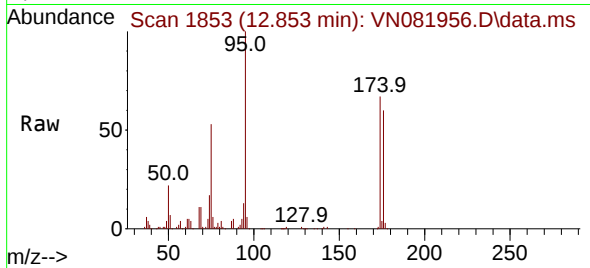




#62
4-Bromofluorobenzene
Concen: 44.779 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

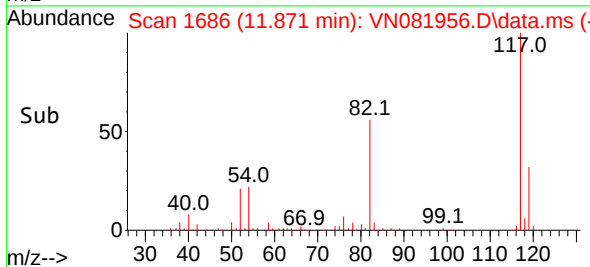
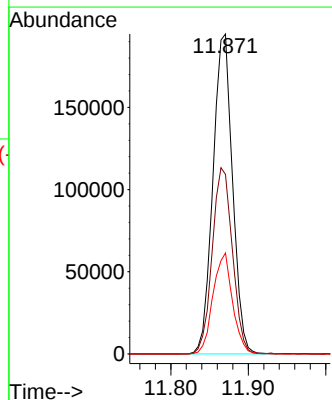
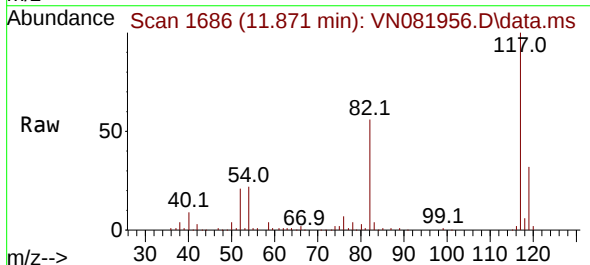
Instrument :
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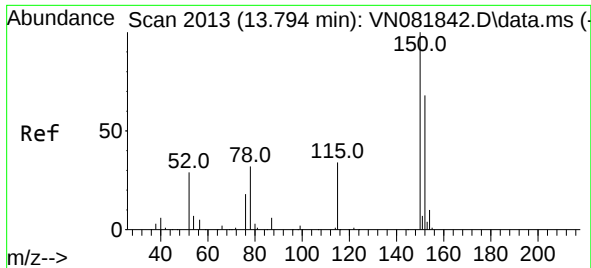
Tgt Ion: 95 Resp: 165819
Ion Ratio Lower Upper
95 100
174 63.0 0.0 160.6
176 61.4 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081956.D
Acq: 01 May 2024 15:02

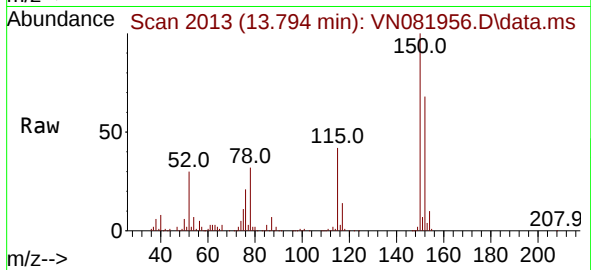
Tgt Ion: 117 Resp: 342018
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 31.5 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081956.D
 Acq: 01 May 2024 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1-20240429



Tgt Ion:152 Resp: 137239
 Ion Ratio Lower Upper
 152 100
 115 63.5 30.4 91.3
 150 154.5 0.0 353.2

