

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079087.D
 Acq On : 29 Aug 2023 12:28
 Operator : JC\MD
 Sample : 04206-01DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 230815010-01DL

Quant Time: Aug 30 00:03:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

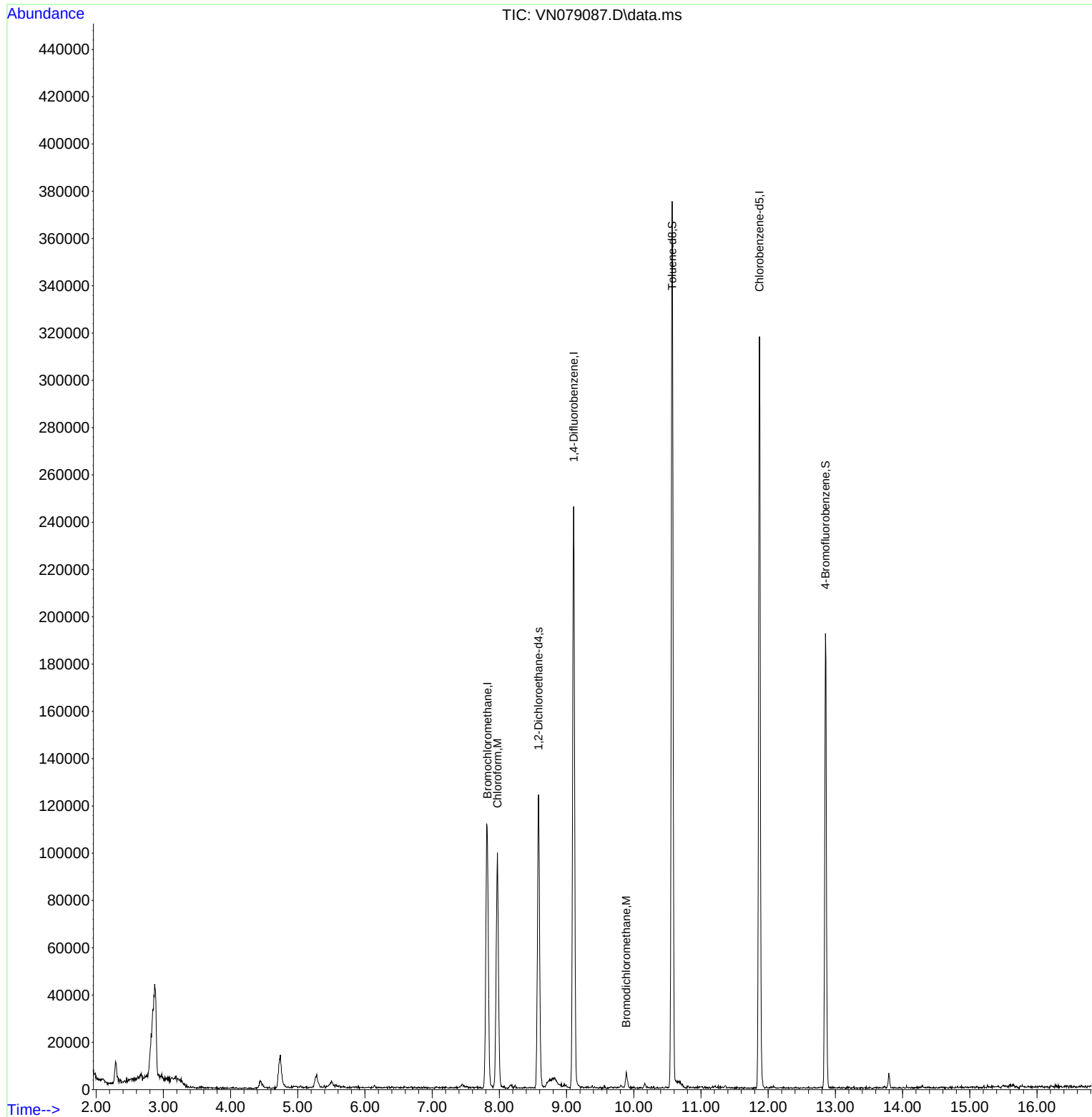
Internal Standards						
1) Bromochloromethane	7.824	128	37397	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	209335	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	179328	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	94514	31.196	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.000%
60) 4-Bromofluorobenzene	12.853	95	63167	24.147	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.500%
63) Toluene-d8	10.571	98	253816	30.308	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.033%
Target Compounds						
25) Chloroform	7.971	83	88818	20.118	ug/l	98
41) Bromodichloromethane	9.888	83	4222	1.218	ug/l	99

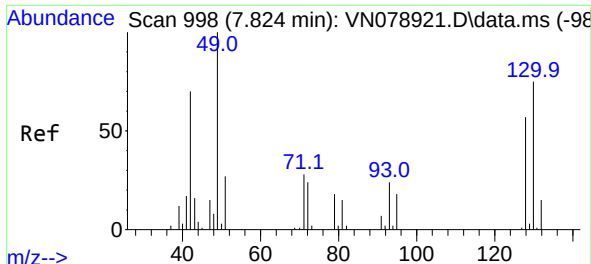
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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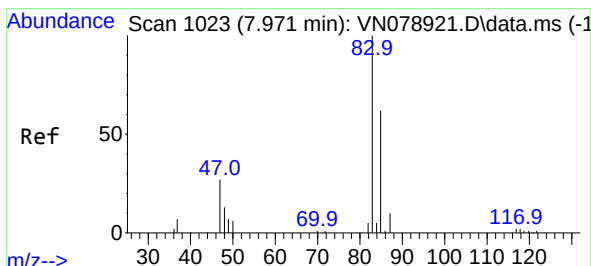
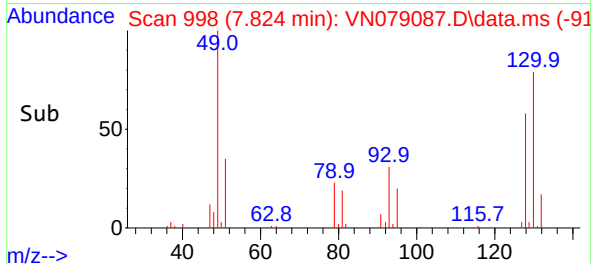
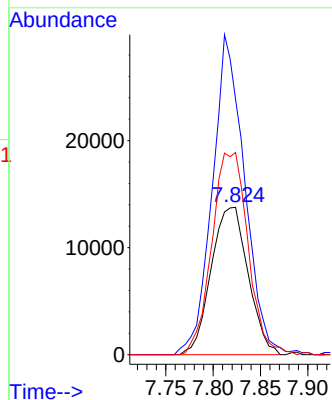
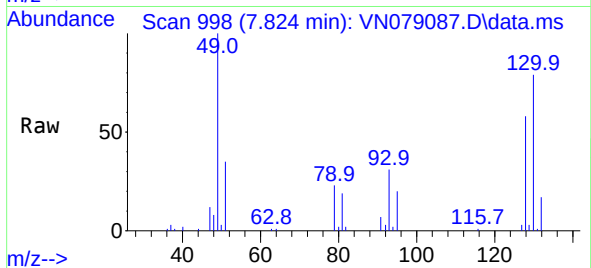




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

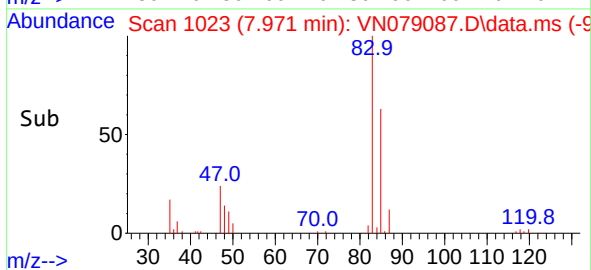
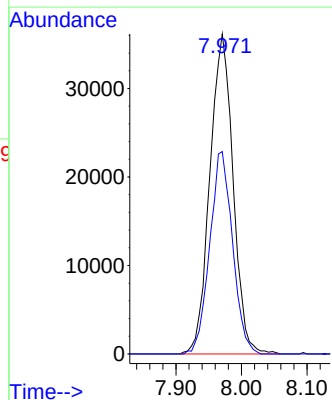
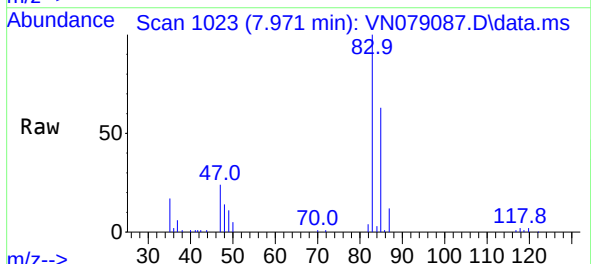
Instrument :
MSVOA_N
ClientSampleId :
230815010-01DL

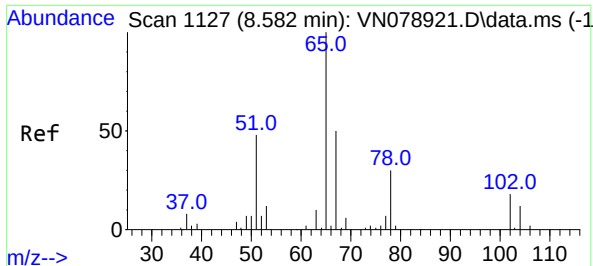
Tgt Ion:128 Resp: 37397
Ion Ratio Lower Upper
128 100
49 188.6 0.0 481.8
130 134.3 0.0 320.5



#25
Chloroform
Concen: 20.118 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Tgt Ion: 83 Resp: 88818
Ion Ratio Lower Upper
83 100
85 63.2 49.6 74.4

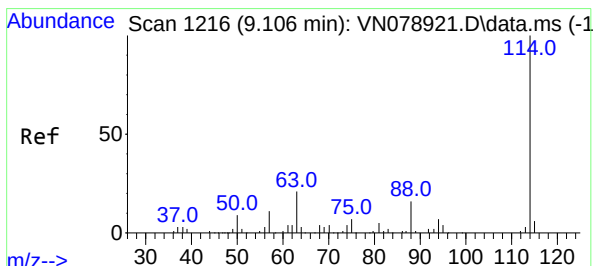
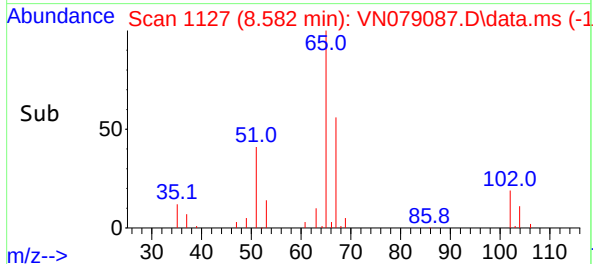
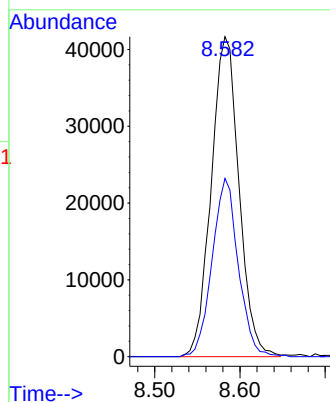
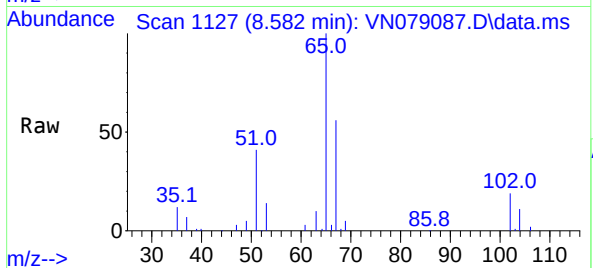




#27
1,2-Dichloroethane-d4
Concen: 31.196 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

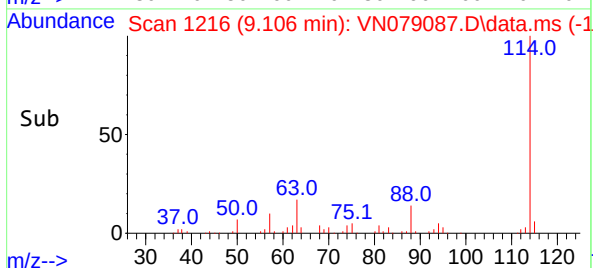
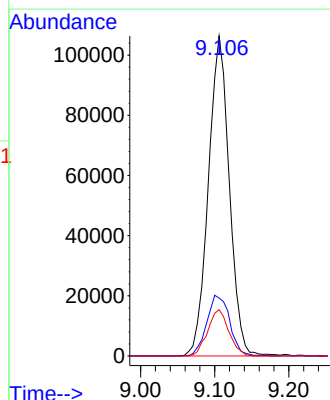
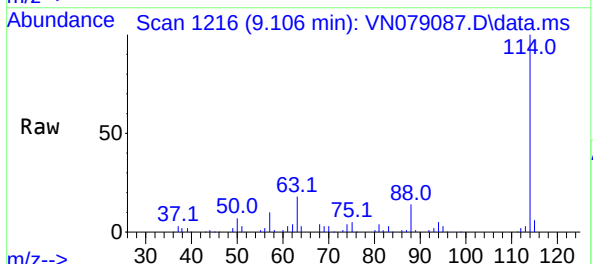
Instrument :
MSVOA_N
ClientSampleId :
230815010-01DL

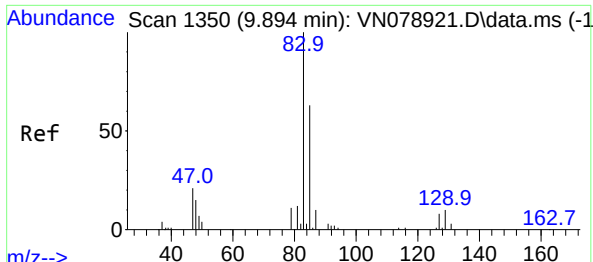
Tgt Ion: 65 Resp: 94514
Ion Ratio Lower Upper
65 100
67 52.5 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Tgt Ion: 114 Resp: 209335
Ion Ratio Lower Upper
114 100
63 20.6 17.4 26.2
88 14.6 12.0 18.0



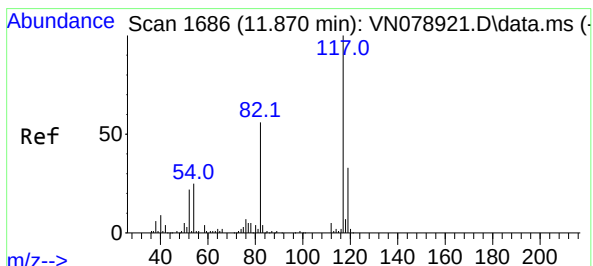
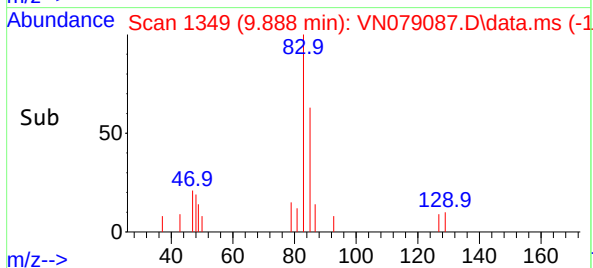
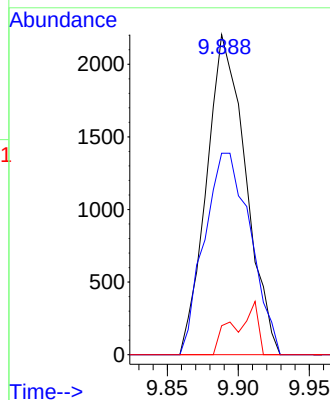
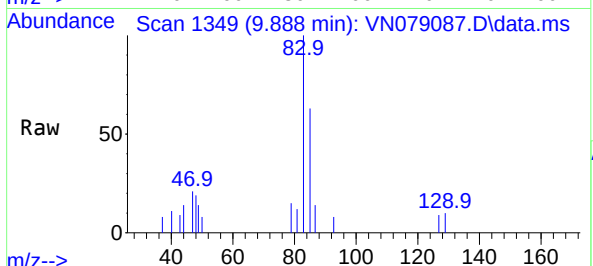


#41
Bromodichloromethane
Concen: 1.218 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
230815010-01DL

Tgt Ion: 83 Resp: 4222

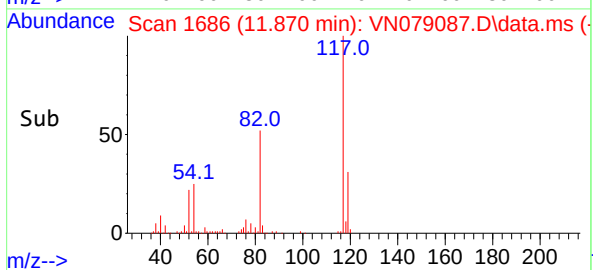
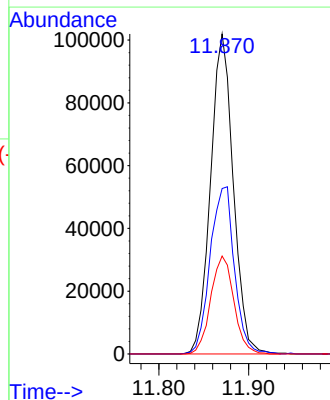
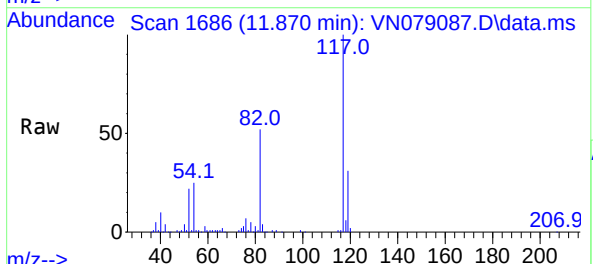
Ion	Ratio	Lower	Upper
83	100		
85	62.9	50.2	75.2
127	9.1	6.2	9.4

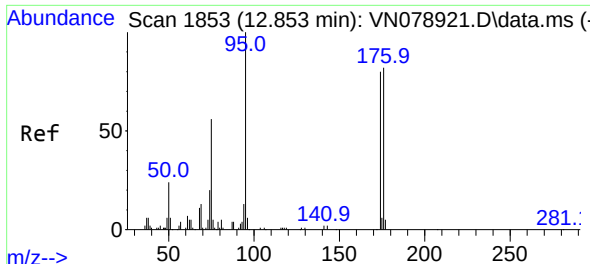


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Tgt Ion: 117 Resp: 179328

Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.4	65.0
119	31.2	25.5	38.3

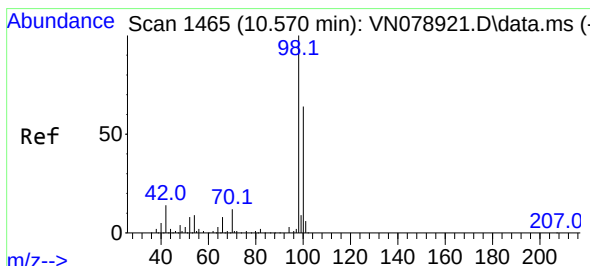
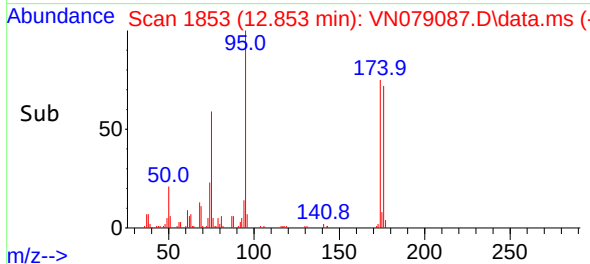
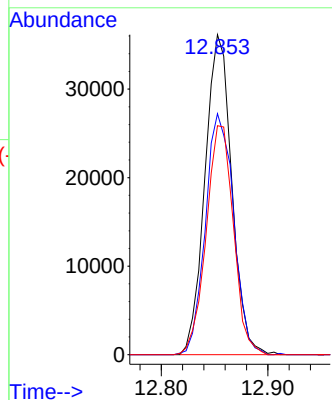
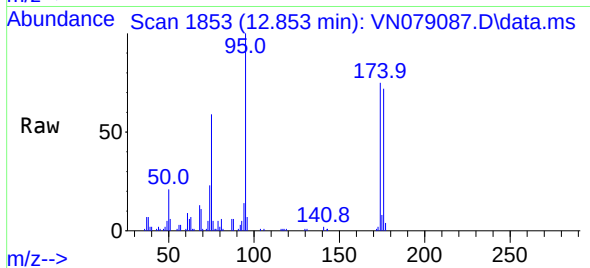




#60
4-Bromofluorobenzene
Concen: 24.147 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Instrument :
MSVOA_N
ClientSampleId :
230815010-01DL

Tgt Ion: 95 Resp: 63167
Ion Ratio Lower Upper
95 100
174 79.3 64.8 97.2
176 72.9 63.0 94.6



#63
Toluene-d8
Concen: 30.308 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079087.D
Acq: 29 Aug 2023 12:28

Tgt Ion: 98 Resp: 253816
Ion Ratio Lower Upper
98 100
100 62.1 51.1 76.7

