

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076606.D
 Acq On : 10 Feb 2023 13:57
 Operator : JC\MD
 Sample : 01457-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Feb 11 00:55:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 2023
 Response via : Initial Calibration

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

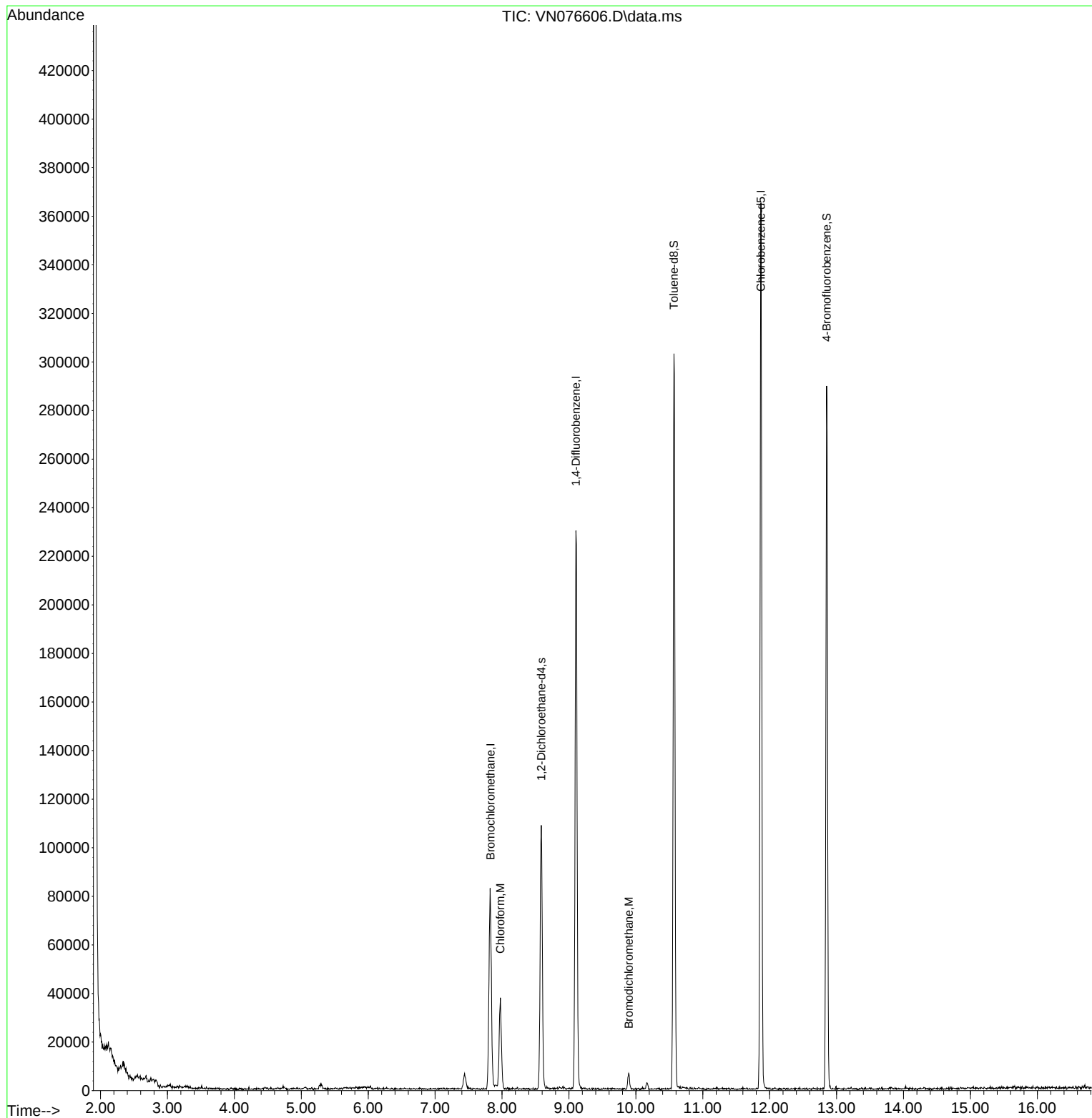
Internal Standards						
1) Bromochloromethane	7.828	128	26156	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.104	114	181467	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.869	117	187761	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.587	65	93727	30.403	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.333%
60) 4-Bromofluorobenzene	12.851	95	102318	24.138	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.467%
63) Toluene-d8	10.569	98	198893	28.849	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.167%
Target Compounds						
25) Chloroform	7.975	83	34723	5.009	ug/l	Qvalue 100
41) Bromodichloromethane	9.892	83	4635	0.973	ug/l #	86

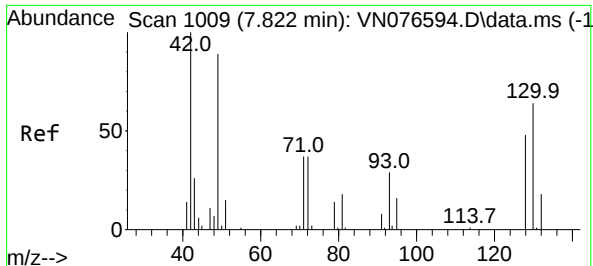
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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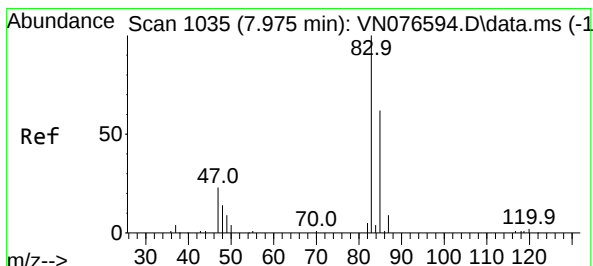
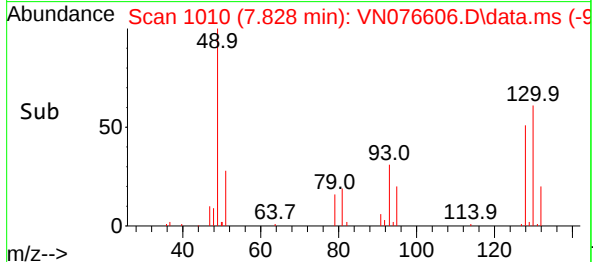
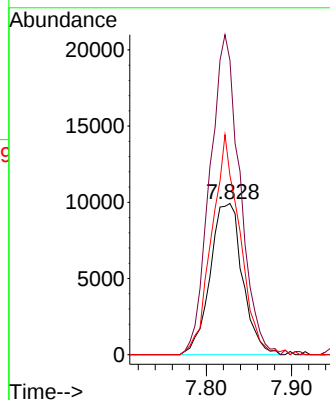
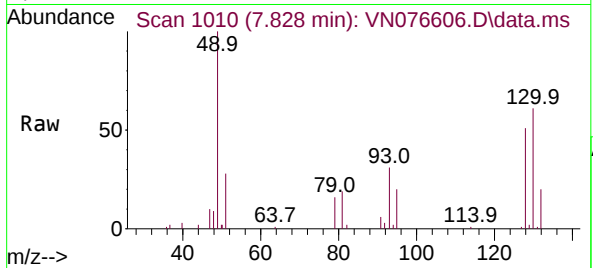




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.828 min Scan# 1010
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

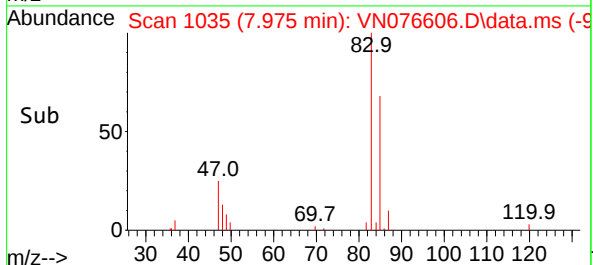
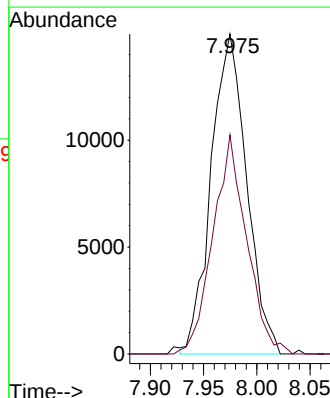
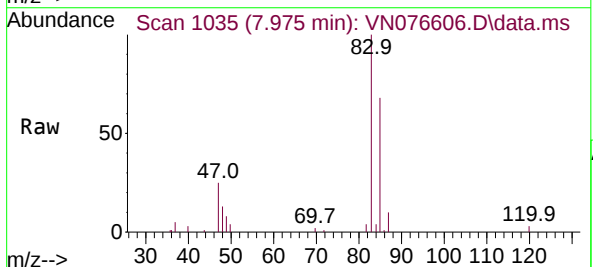
Instrument :
MSVOA_N
ClientSampleId :
14B-1

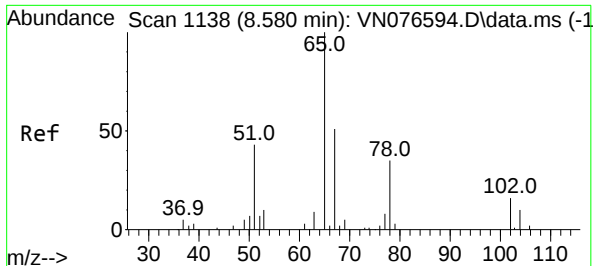
Tgt Ion:128 Resp: 26156
Ion Ratio Lower Upper
128 100
49 197.1 0.0 492.0
130 125.8 0.0 313.3



#25
Chloroform
Concen: 5.009 ug/l
RT: 7.975 min Scan# 1035
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

Tgt Ion: 83 Resp: 34723
Ion Ratio Lower Upper
83 100
85 67.2 53.6 80.4

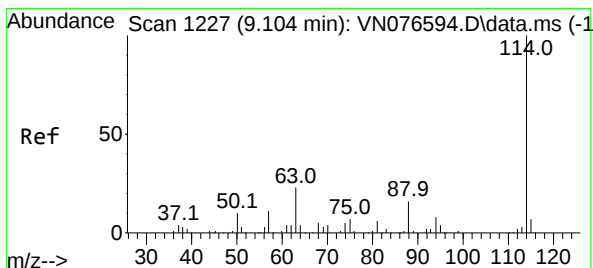
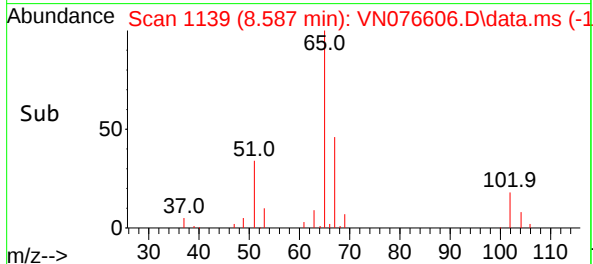
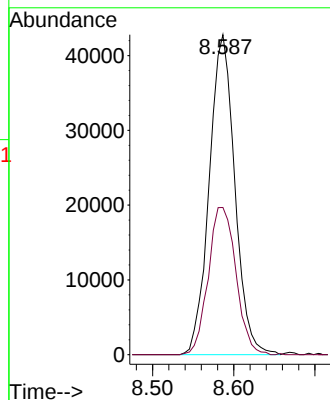
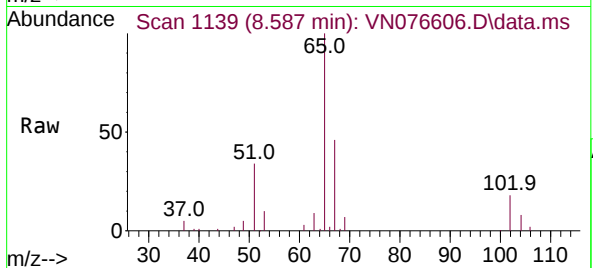




#27
1,2-Dichloroethane-d4
Concen: 30.403 ug/l
RT: 8.587 min Scan# 1139
Delta R.T. -0.001 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

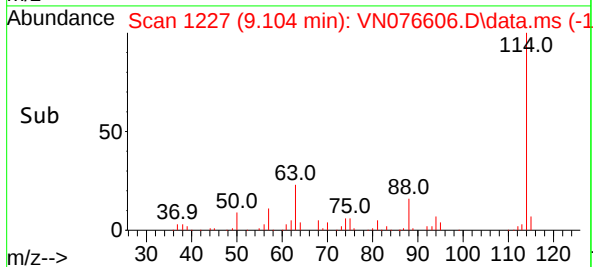
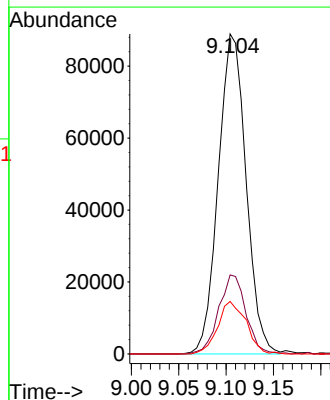
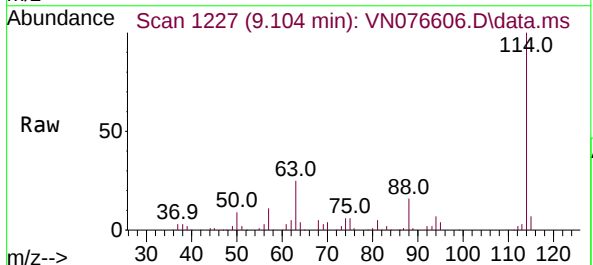
Instrument :
MSVOA_N
ClientSampleId :
14B-1

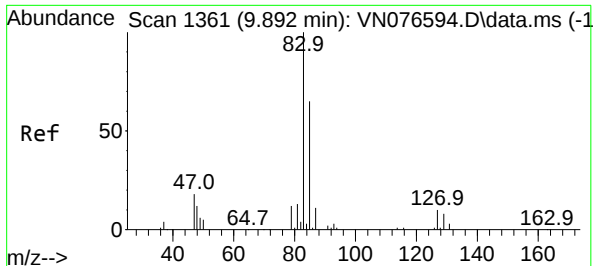
Tgt Ion: 65 Resp: 93727
Ion Ratio Lower Upper
65 100
67 49.8 45.2 67.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.104 min Scan# 1227
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

Tgt Ion: 114 Resp: 181467
Ion Ratio Lower Upper
114 100
63 24.2 16.6 25.0
88 16.7 12.2 18.4

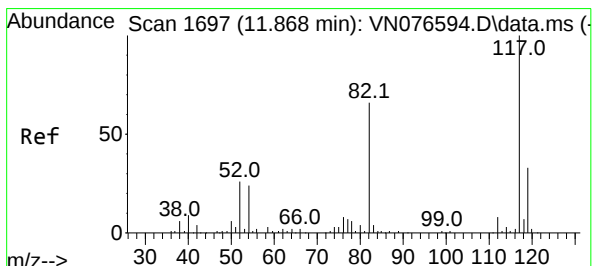
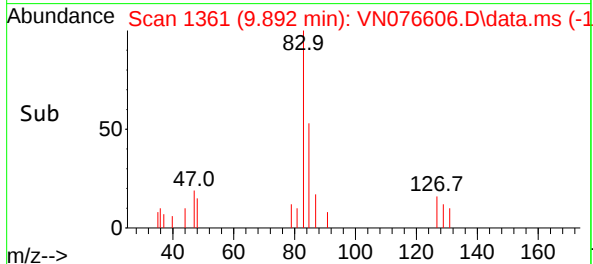
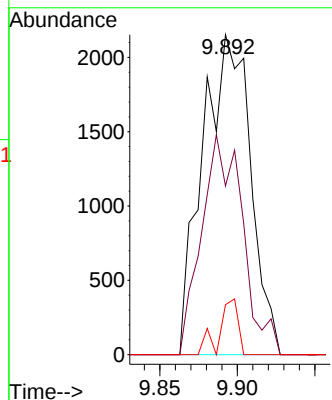
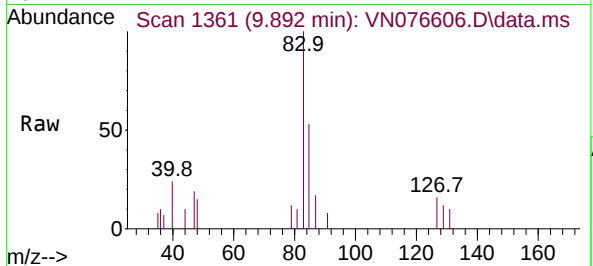




#41
Bromodichloromethane
Concen: 0.973 ug/l
RT: 9.892 min Scan# 1361
Delta R.T. 0.004 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

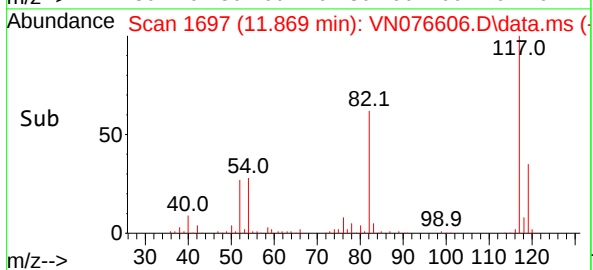
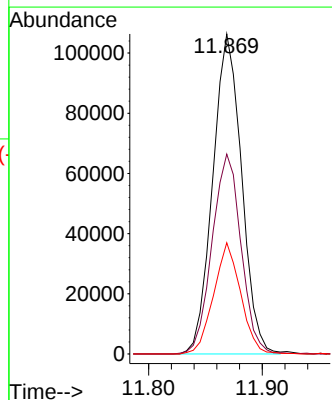
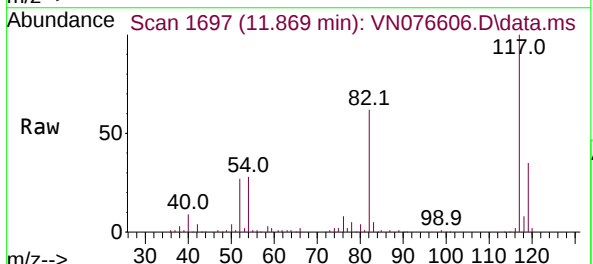
Instrument :
MSVOA_N
ClientSampleId :
14B-1

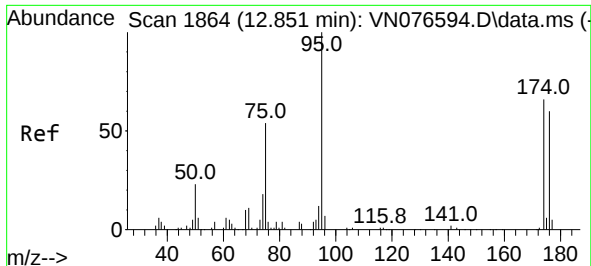
Tgt Ion: 83 Resp: 4635
Ion Ratio Lower Upper
83 100
85 52.7 50.2 75.4
127 15.6 5.1 7.7#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.869 min Scan# 1697
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

Tgt Ion: 117 Resp: 187761
Ion Ratio Lower Upper
117 100
82 62.6 44.6 67.0
119 32.6 25.6 38.4

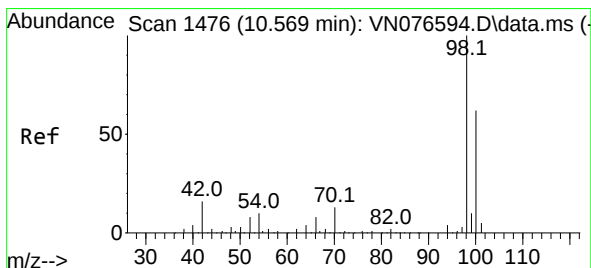
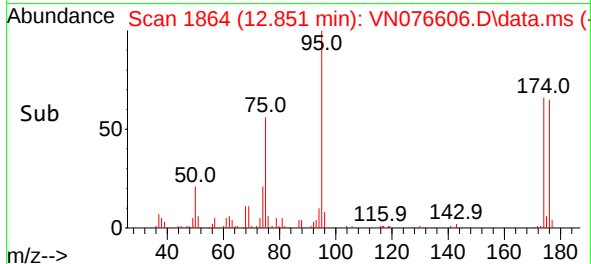
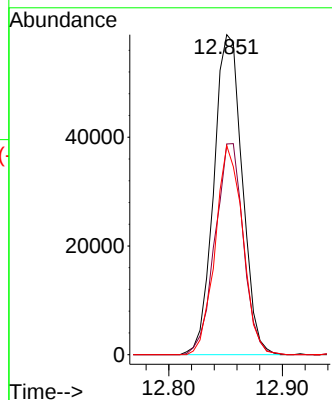
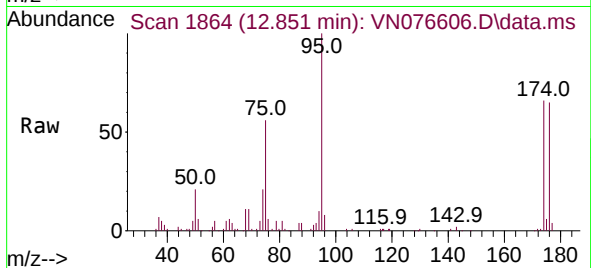




#60
4-Bromofluorobenzene
Concen: 24.138 ug/l
RT: 12.851 min Scan# 1864
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Tgt Ion: 95 Resp: 102318
Ion Ratio Lower Upper
95 100
174 65.8 57.8 86.8
176 63.3 57.0 85.4



#63
Toluene-d8
Concen: 28.849 ug/l
RT: 10.569 min Scan# 1476
Delta R.T. -0.002 min
Lab File: VN076606.D
Acq: 10 Feb 2023 13:57

Tgt Ion: 98 Resp: 198893
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

