

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031623\
 Data File : VN077020.D
 Acq On : 16 Mar 2023 14:31
 Operator : JC\MD
 Sample : 01923-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SAMPLE-1

Quant Time: Mar 17 03:23:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N030823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 09 04:16:54 2023
 Response via : Initial Calibration

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

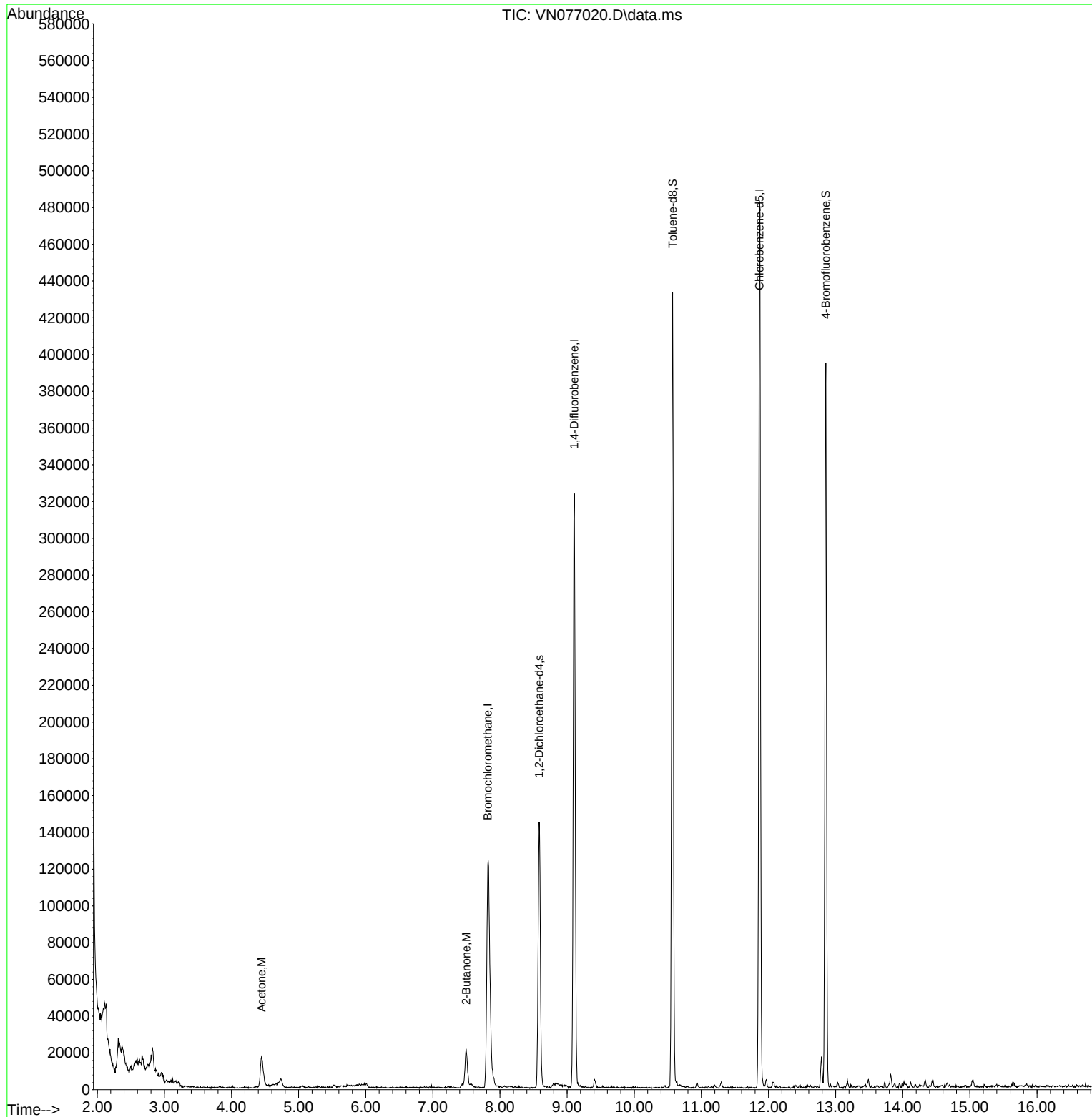
Internal Standards						
1) Bromochloromethane	7.819	128	39836	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	268650	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	281264	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	118446	32.349	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.833%	
60) 4-Bromofluorobenzene	12.854	95	141342	26.552	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 88.500%	
63) Toluene-d8	10.572	98	297305	30.053	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.167%	
Target Compounds						
15) Acetone	4.448	58	10165	15.795	ug/l	Qvalue 83
30) 2-Butanone	7.495	43	36039	12.483	ug/l #	94

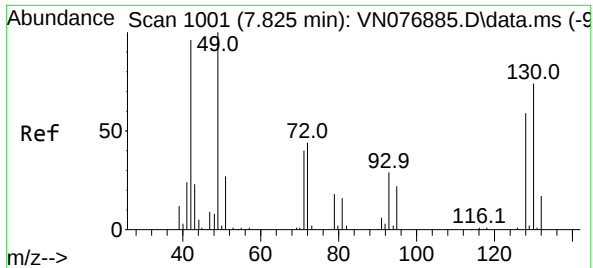
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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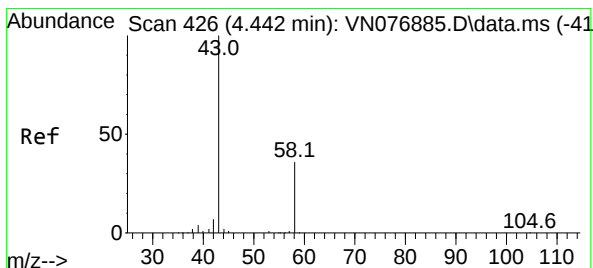
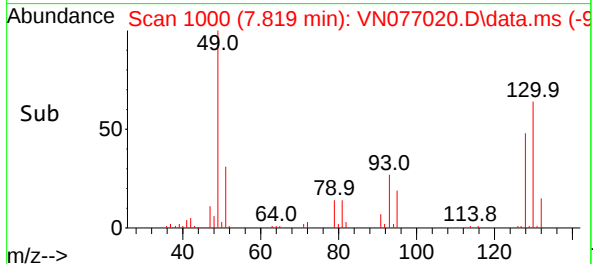
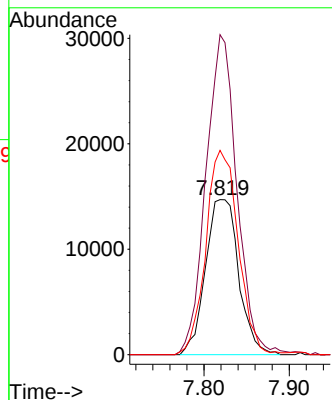
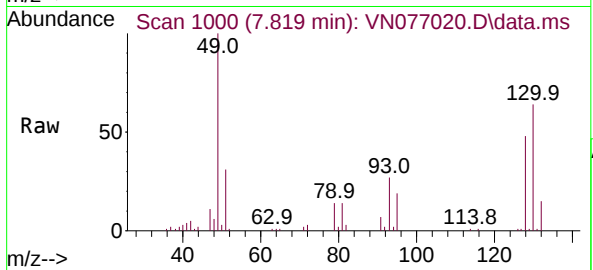




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

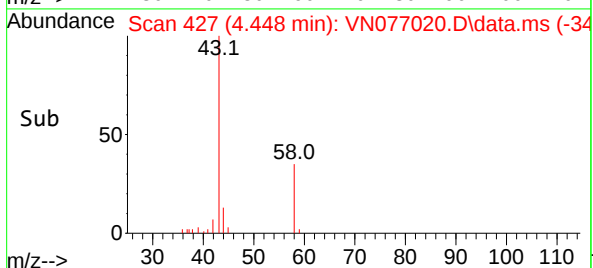
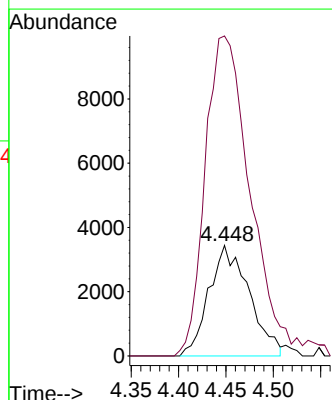
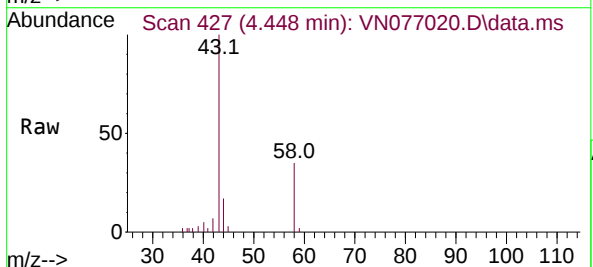
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1

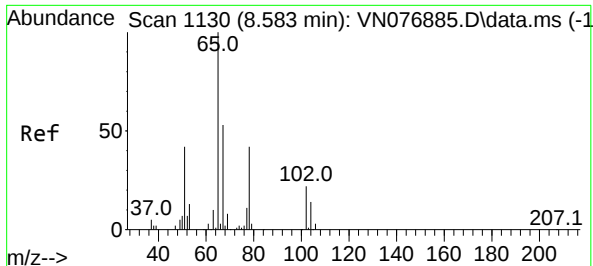
Tgt Ion:128 Resp: 39836
Ion Ratio Lower Upper
128 100
49 192.1 0.0 461.8
130 127.9 0.0 295.3



#15
Acetone
Concen: 15.795 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

Tgt Ion: 58 Resp: 10165
Ion Ratio Lower Upper
58 100
43 284.5 255.4 383.0

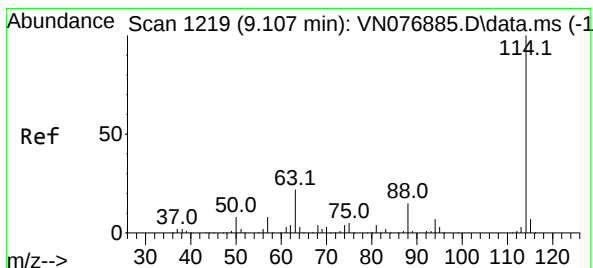
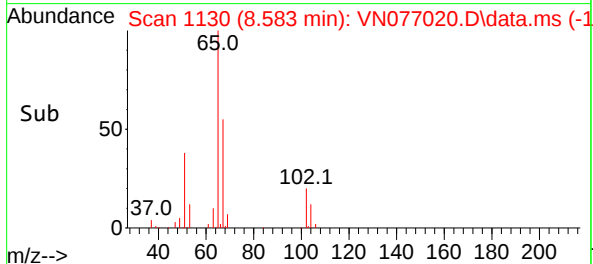
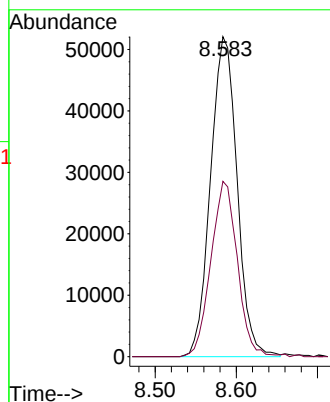
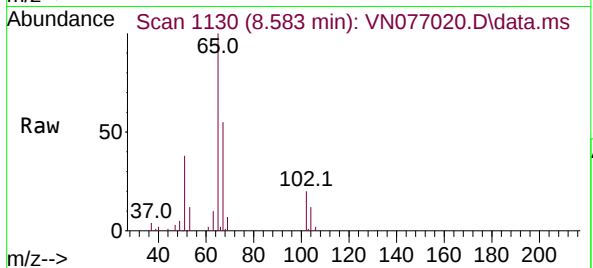




#27
1,2-Dichloroethane-d4
Concen: 32.349 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

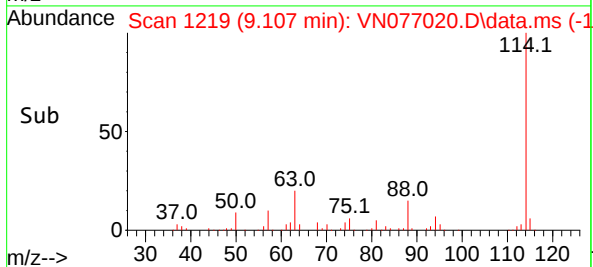
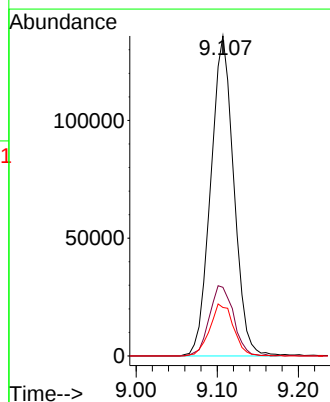
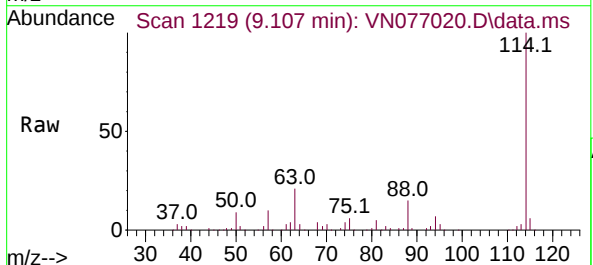
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1

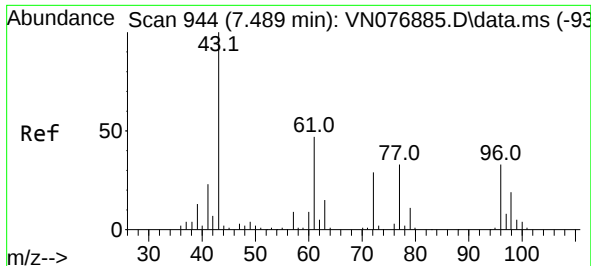
Tgt Ion: 65 Resp: 118446
Ion Ratio Lower Upper
65 100
67 54.3 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

Tgt Ion: 114 Resp: 268650
Ion Ratio Lower Upper
114 100
63 22.9 17.0 25.4
88 16.7 11.6 17.4

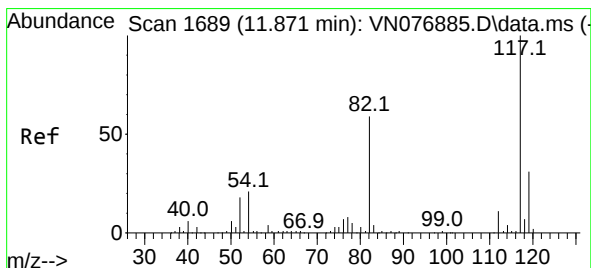
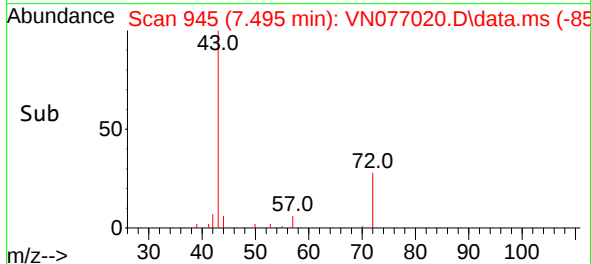
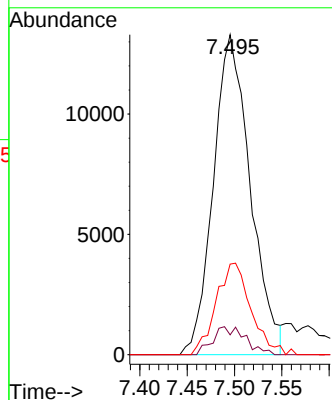
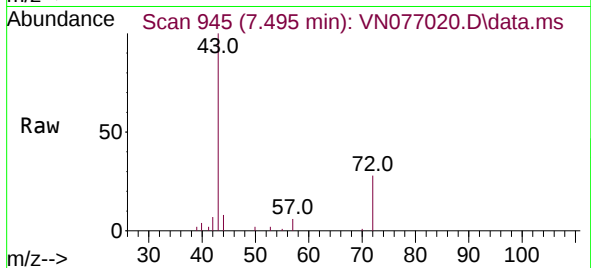




#30
2-Butanone
Concen: 12.483 ug/l
RT: 7.495 min Scan# 944
Delta R.T. 0.006 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

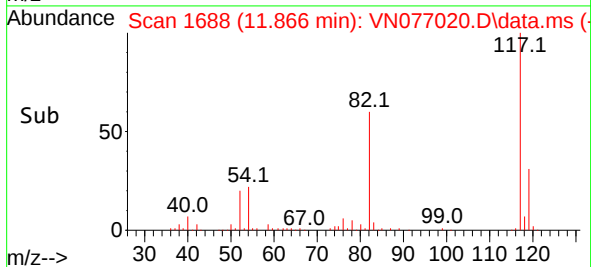
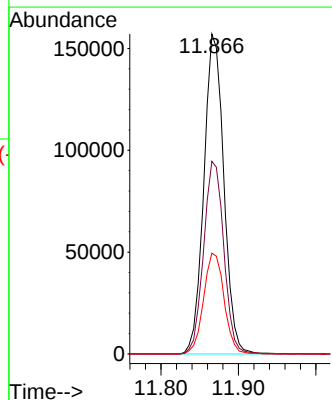
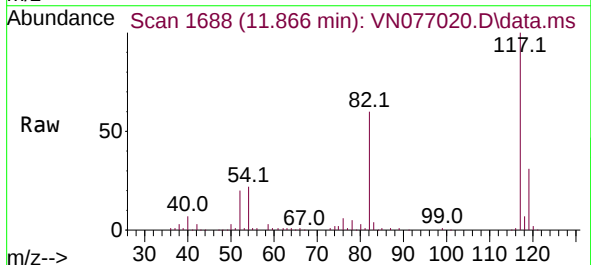
Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1

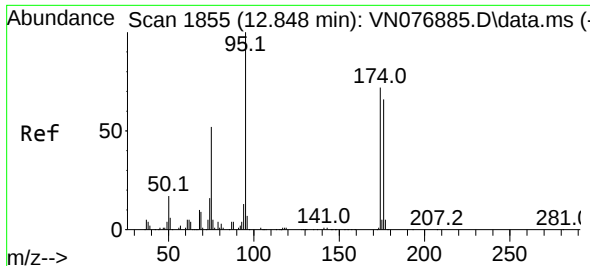
Tgt Ion: 43 Resp: 36039
Ion Ratio Lower Upper
43 100
57 1.9 6.1 9.1#
72 26.5 20.2 30.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

Tgt Ion: 117 Resp: 281264
Ion Ratio Lower Upper
117 100
82 60.9 45.4 68.0
119 32.3 26.8 40.2

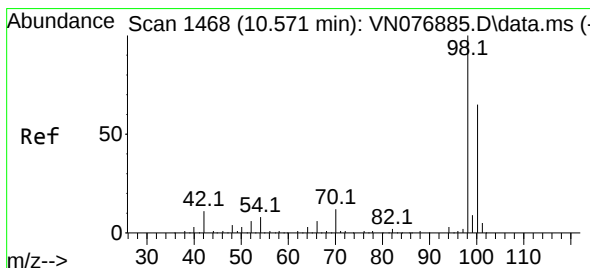
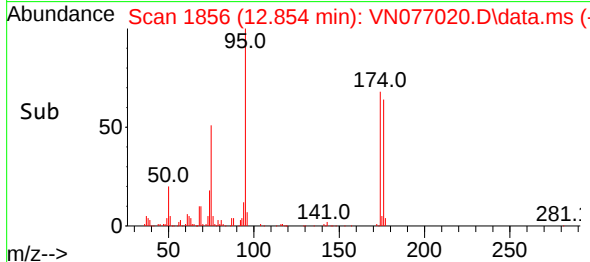
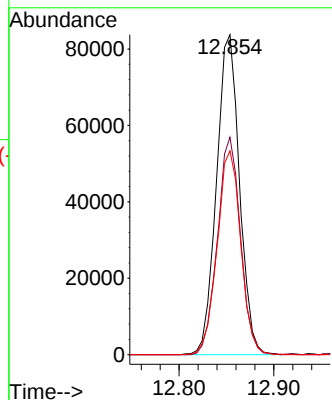
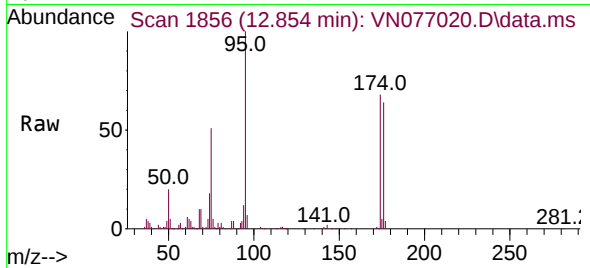




#60
4-Bromofluorobenzene
Concen: 26.552 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

Instrument :
MSVOA_N
ClientSampleId :
SAMPLE-1

Tgt Ion: 95 Resp: 141342
Ion Ratio Lower Upper
95 100
174 67.8 64.2 96.4
176 65.2 61.4 92.0



#63
Toluene-d8
Concen: 30.053 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077020.D
Acq: 16 Mar 2023 14:31

Tgt Ion: 98 Resp: 297305
Ion Ratio Lower Upper
98 100
100 64.7 53.8 80.6

