

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076696.D
 Acq On : 15 Feb 2023 19:40
 Operator : JC\MD
 Sample : 01535-02RE 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2RE

Quant Time: Feb 20 04:32:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

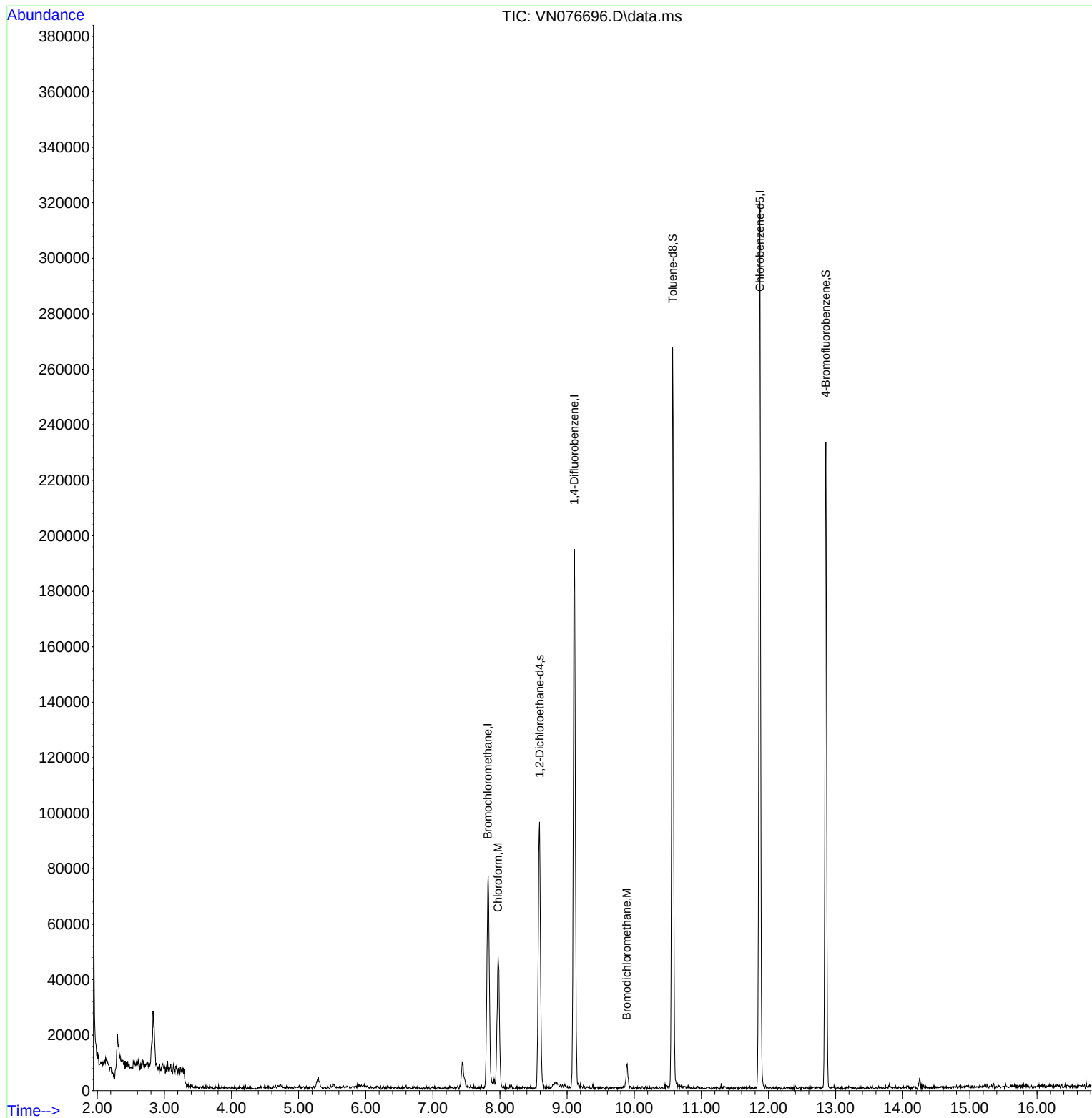
Internal Standards						
1) Bromochloromethane	7.819	128	23868	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	156191	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	171984	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	74496	34.126	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.767%#
60) 4-Bromofluorobenzene	12.854	95	71653	23.554	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.500%
63) Toluene-d8	10.571	98	176084	29.230	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	97.433%
Target Compounds						
25) Chloroform	7.972	83	43694	8.544	ug/l	Qvalue 97
41) Bromodichloromethane	9.889	83	6339	1.676	ug/l #	96

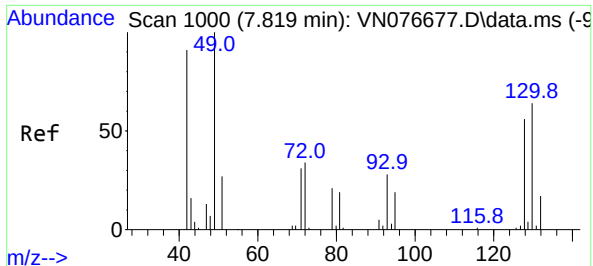
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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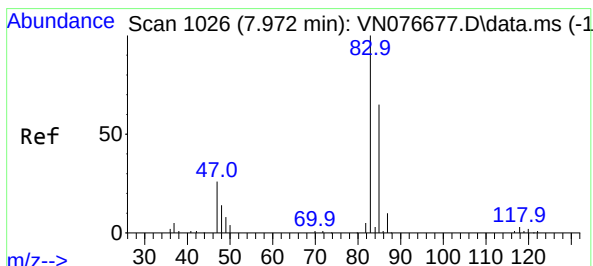
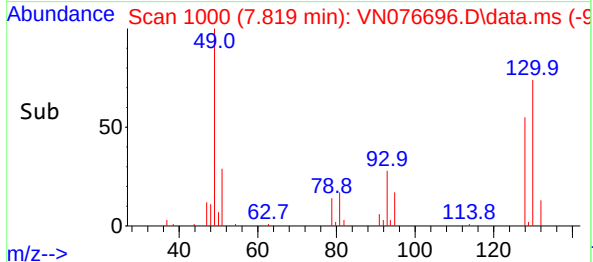
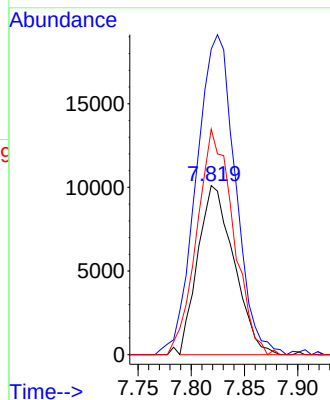
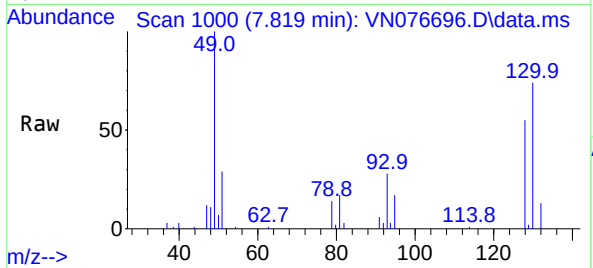




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

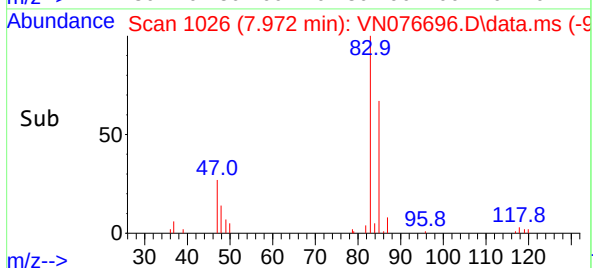
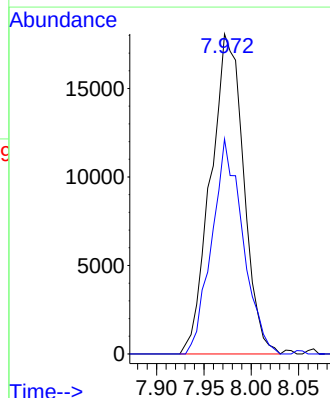
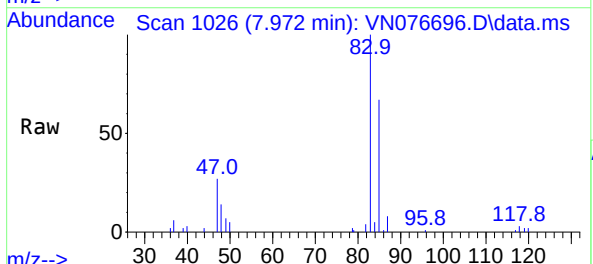
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

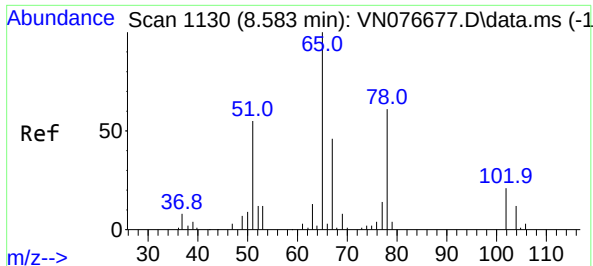
Tgt Ion:128 Resp: 23868
Ion Ratio Lower Upper
128 100
49 204.4 0.0 461.8
130 134.5 0.0 295.3



#25
Chloroform
Concen: 8.544 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

Tgt Ion: 83 Resp: 43694
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.6

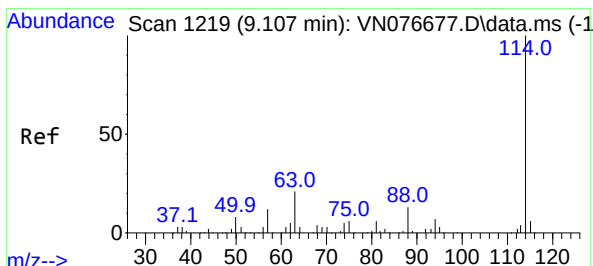
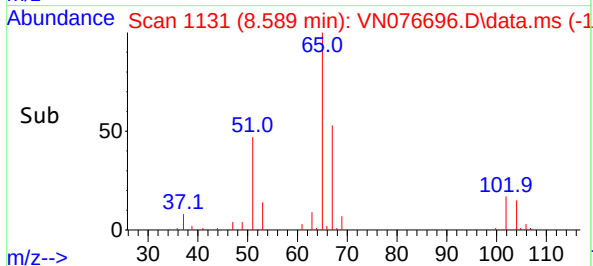
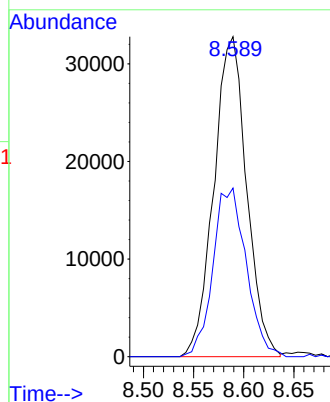
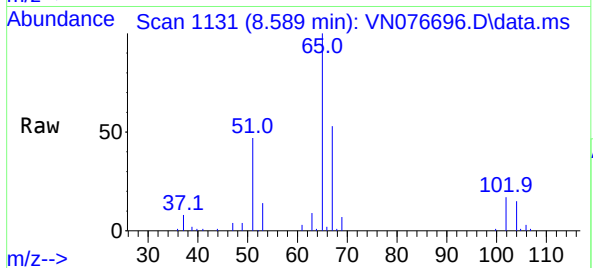




#27
1,2-Dichloroethane-d4
Concen: 34.126 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

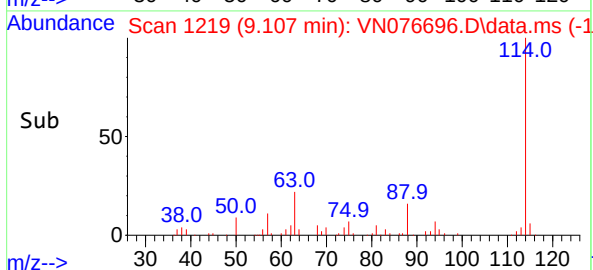
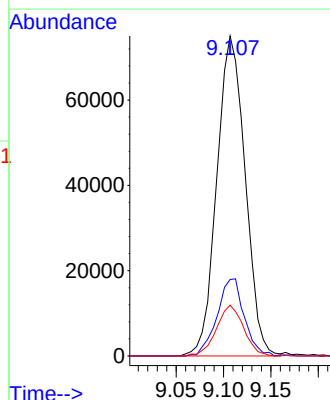
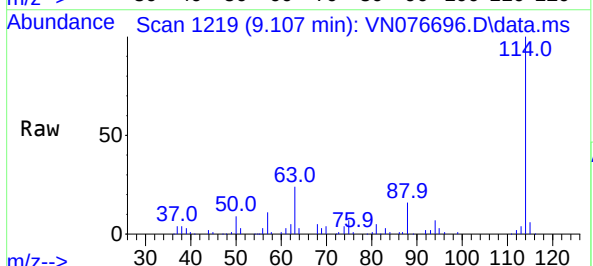
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

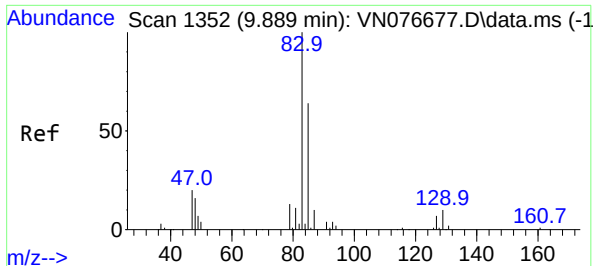
Tgt Ion: 65 Resp: 74496
Ion Ratio Lower Upper
65 100
67 53.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

Tgt Ion: 114 Resp: 156191
Ion Ratio Lower Upper
114 100
63 23.1 17.0 25.4
88 15.2 11.6 17.4

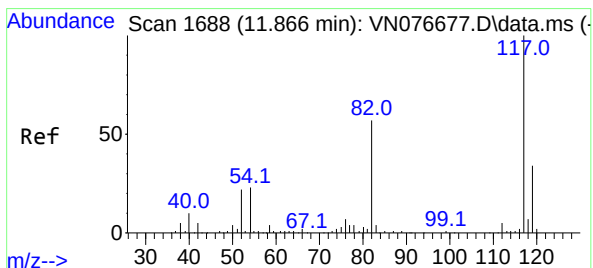
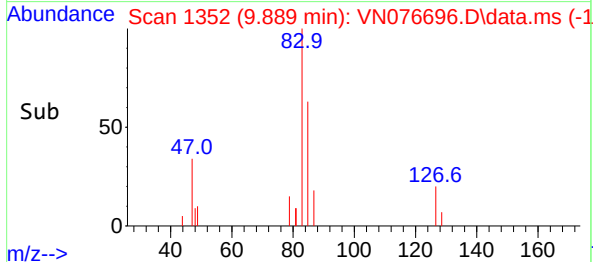
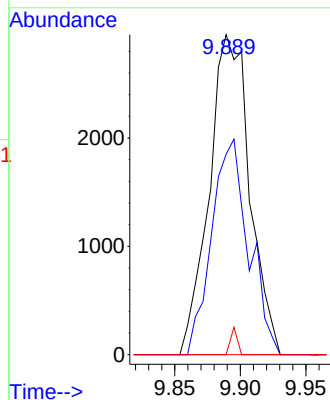
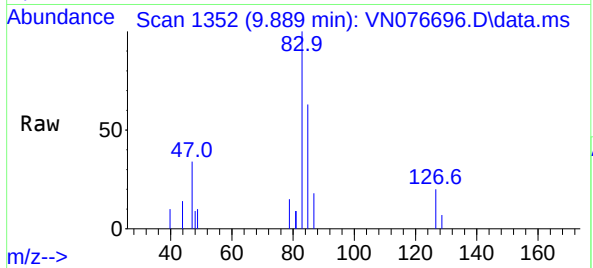




#41
Bromodichloromethane
Concen: 1.676 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

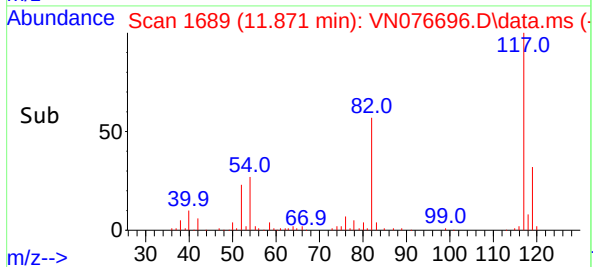
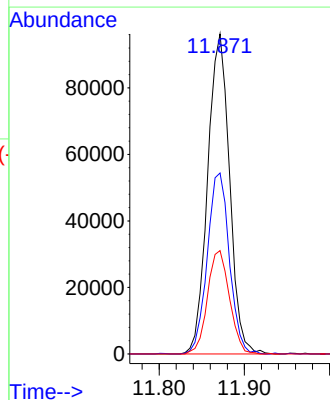
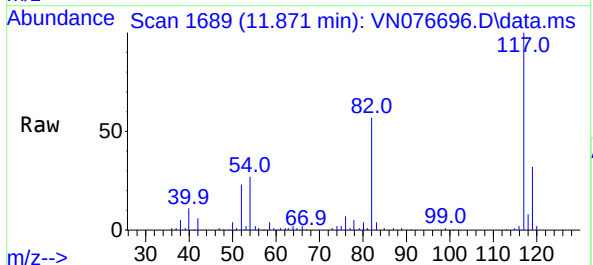
Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

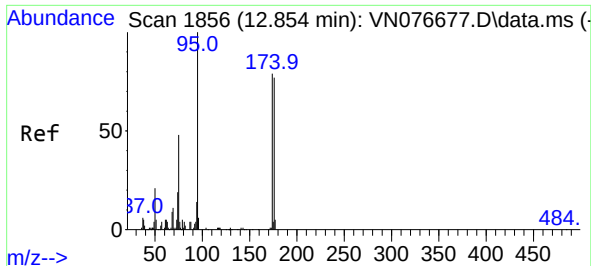
Tgt Ion: 83 Resp: 6339
Ion Ratio Lower Upper
83 100
85 62.6 51.0 76.4
127 0.0 6.2 9.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

Tgt Ion: 117 Resp: 171984
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 32.5 26.8 40.2

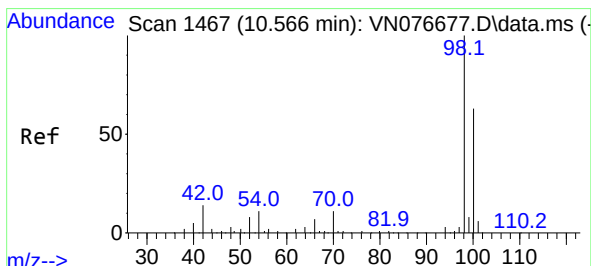
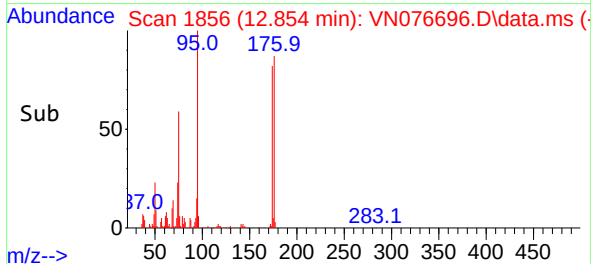
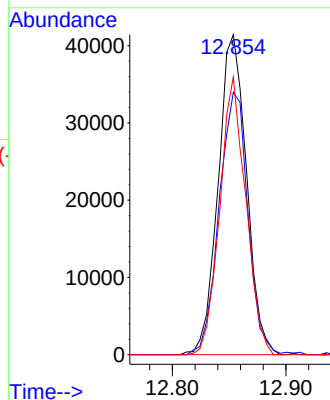
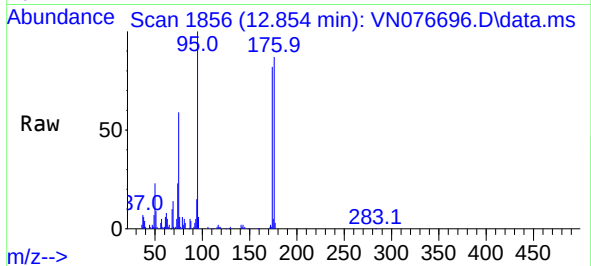




#60
4-Bromofluorobenzene
Concen: 23.554 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

Instrument :
MSVOA_N
ClientSampleId :
14B-2RE

Tgt Ion: 95 Resp: 71653
Ion Ratio Lower Upper
95 100
174 83.2 64.2 96.4
176 79.6 61.4 92.0



#63
Toluene-d8
Concen: 29.230 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076696.D
Acq: 15 Feb 2023 19:40

Tgt Ion: 98 Resp: 176084
Ion Ratio Lower Upper
98 100
100 63.4 53.8 80.6

