

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
 Data File : VN069617.D
 Acq On : 22 Nov 2021 18:19
 Operator : JC/MD
 Sample : M4806-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Quant Time: Nov 23 03:54:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 10 14:36:17 2021
 Response via : Initial Calibration

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

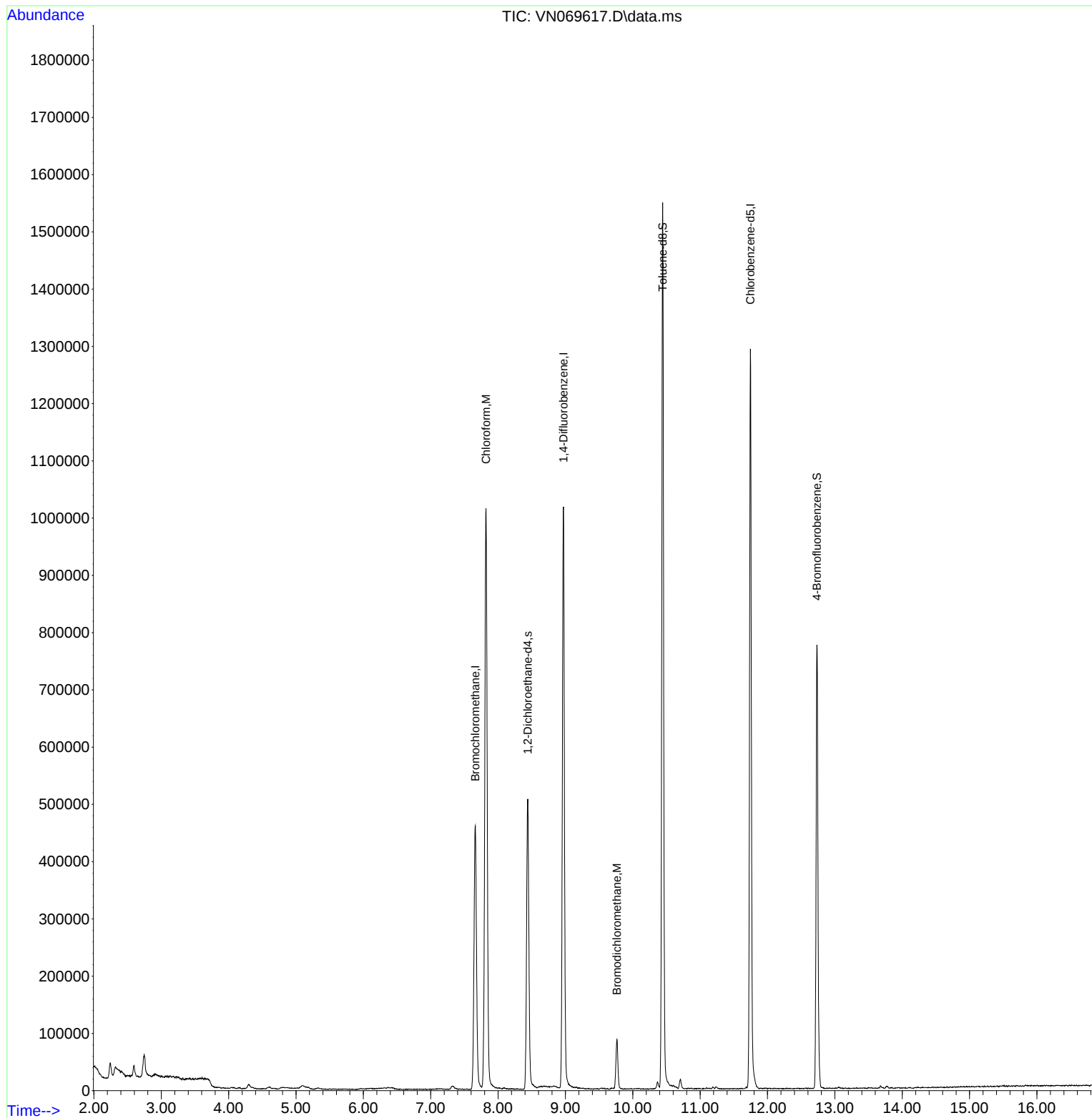
Internal Standards						
1) Bromochloromethane	7.662	128	159735	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	858398	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	738390	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	434963	31.397	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.667%
60) 4-Bromofluorobenzene	12.733	95	277597	23.493	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.300%
63) Toluene-d8	10.443	98	1056103	30.977	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.267%
Target Compounds						
					Qvalue	
25) Chloroform	7.820	83	982677	51.531	ug/l	99
41) Bromodichloromethane	9.764	83	59950	4.519	ug/l	98

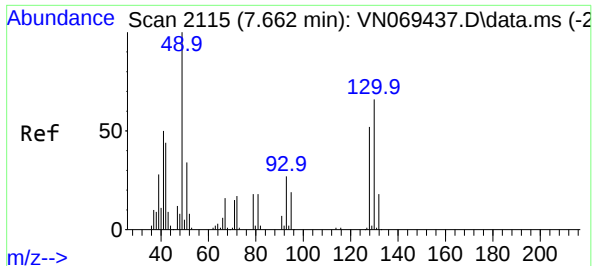
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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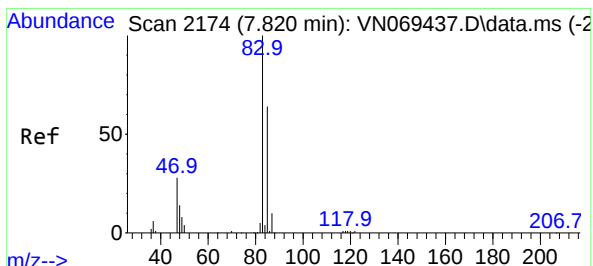
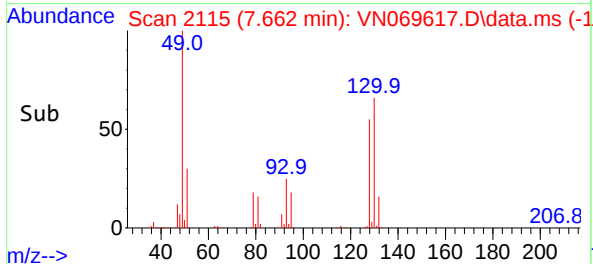
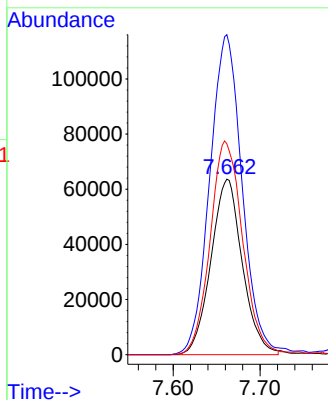
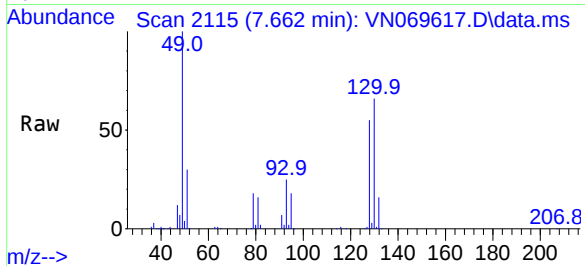




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

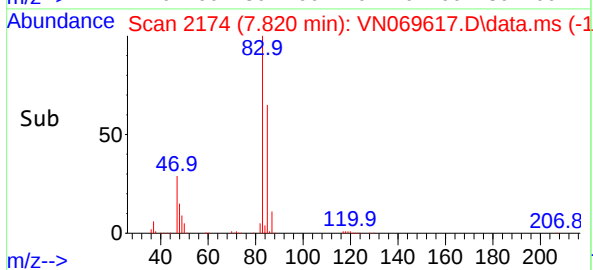
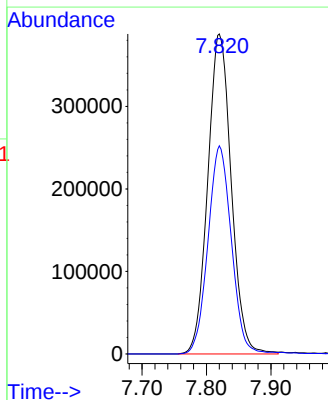
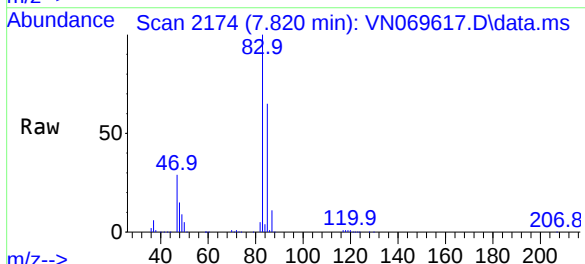
Instrument :
MSVOA_N
ClientSampleId :
14B-3

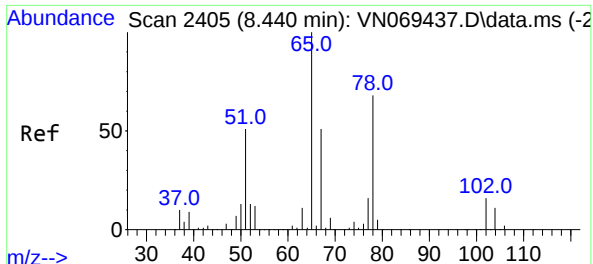
Tgt Ion:128 Resp: 159735
Ion Ratio Lower Upper
128 100
49 188.5 0.0 392.3
130 126.6 0.0 320.2



#25
Chloroform
Concen: 51.531 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

Tgt Ion: 83 Resp: 982677
Ion Ratio Lower Upper
83 100
85 65.0 51.3 76.9

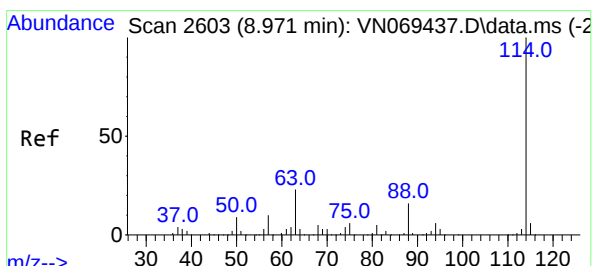
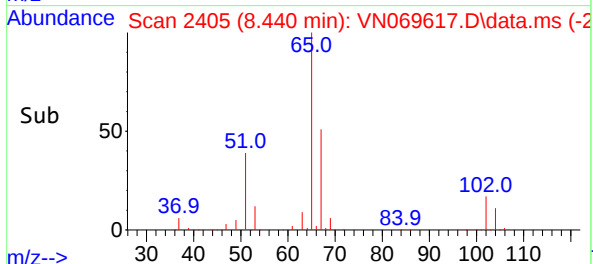
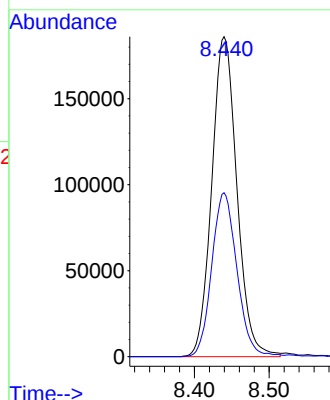
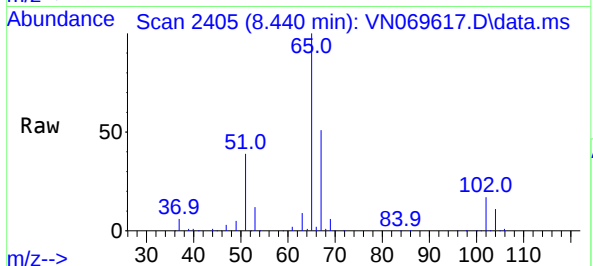




#27
1,2-Dichloroethane-d4
Concen: 31.397 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

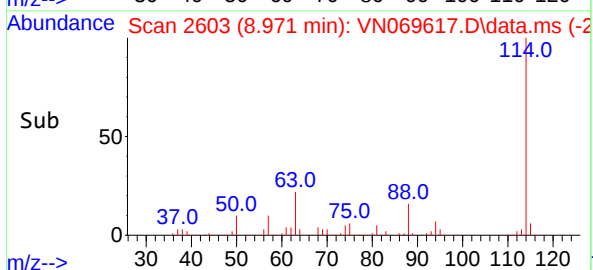
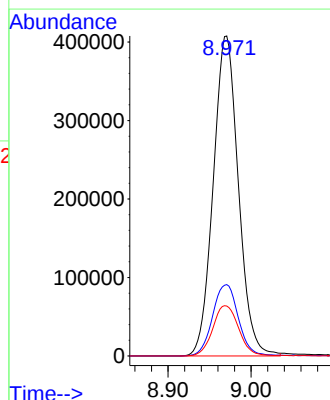
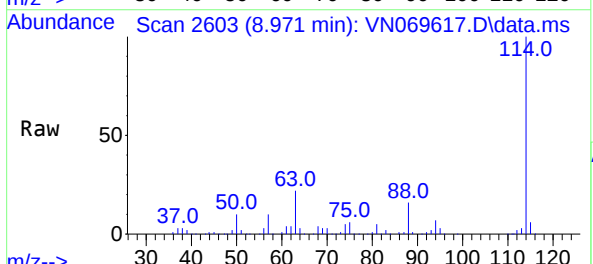
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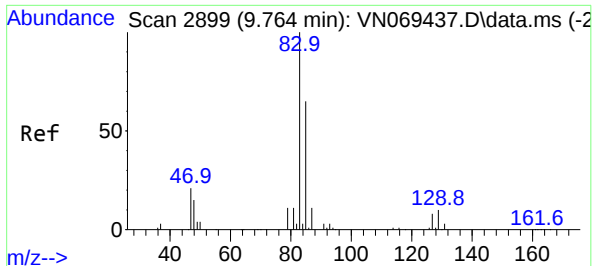
Tgt Ion: 65 Resp: 434963
Ion Ratio Lower Upper
65 100
67 50.8 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

Tgt Ion: 114 Resp: 858398
Ion Ratio Lower Upper
114 100
63 23.0 15.8 23.6
88 16.2 11.6 17.4

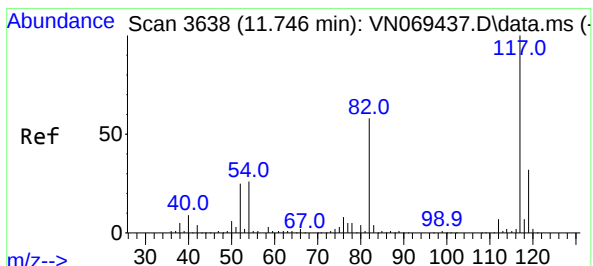
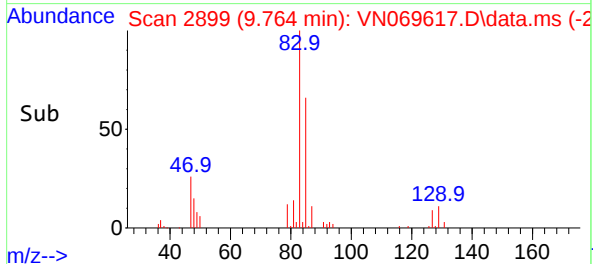
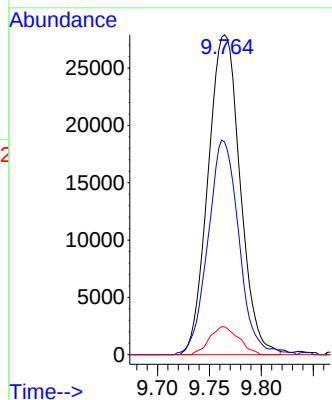
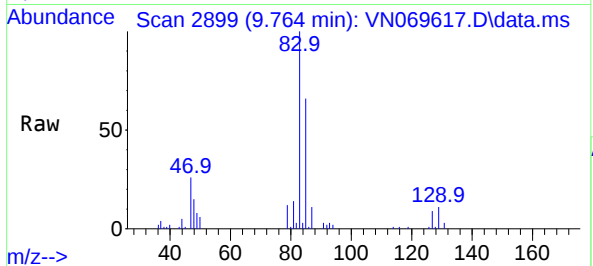




#41
Bromodichloromethane
Concen: 4.519 ug/l
RT: 9.764 min Scan# 2899
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

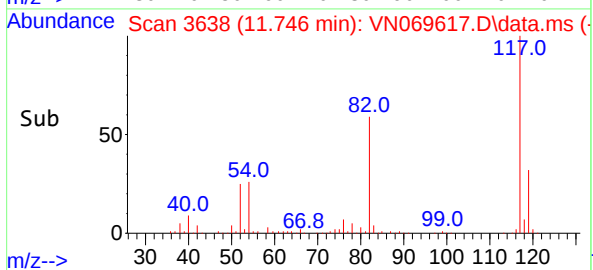
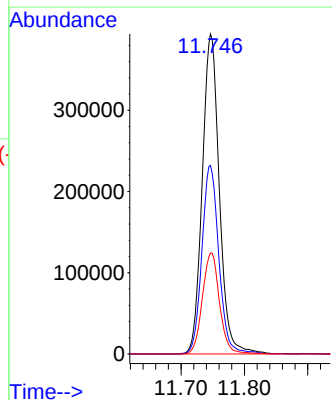
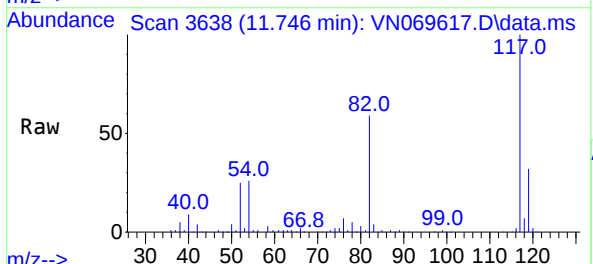
Instrument :
MSVOA_N
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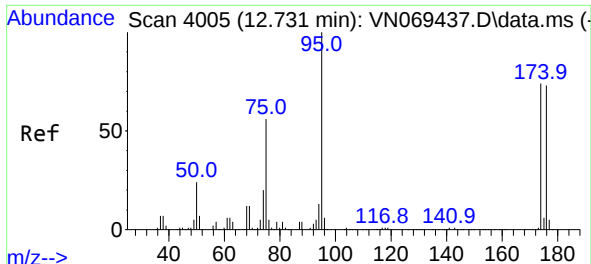
Tgt Ion:	83	Resp:	59950
Ion	Ratio	Lower	Upper
83	100		
85	65.7	54.1	81.1
127	8.7	7.6	11.4



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

Tgt Ion:	117	Resp:	738390
Ion	Ratio	Lower	Upper
117	100		
82	57.6	43.6	65.4
119	31.6	25.8	38.6

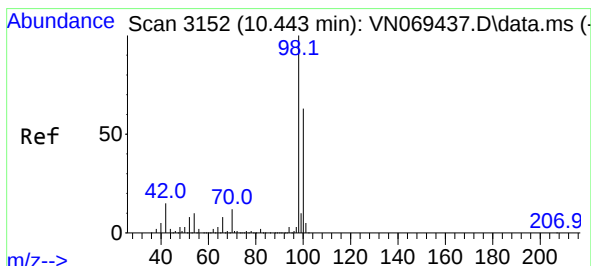
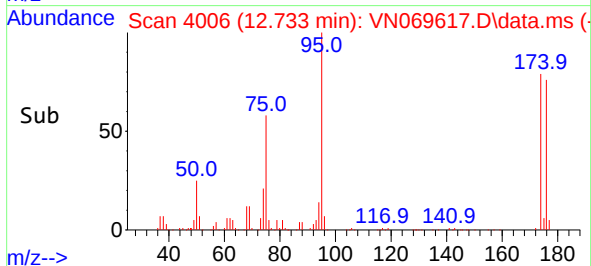
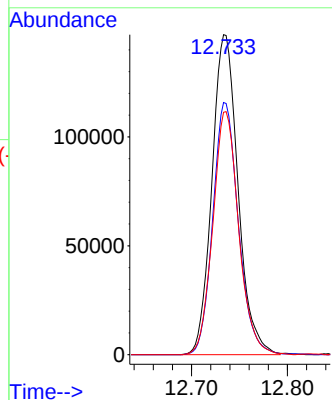
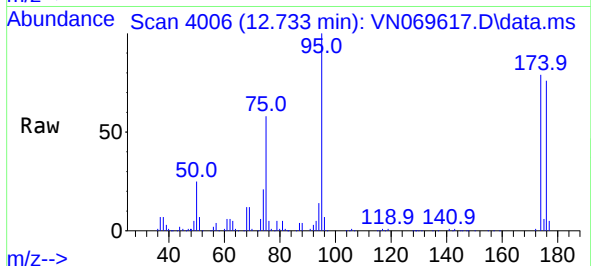




#60
4-Bromofluorobenzene
Concen: 23.493 ug/l
RT: 12.733 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

Instrument :
MSVOA_N
ClientSampleId :
14B-3

Tgt Ion: 95 Resp: 277597
Ion Ratio Lower Upper
95 100
174 77.2 62.9 94.3
176 75.3 61.0 91.4



#63
Toluene-d8
Concen: 30.977 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069617.D
Acq: 22 Nov 2021 18:19

Tgt Ion: 98 Resp: 1056103
Ion Ratio Lower Upper
98 100
100 63.6 50.6 76.0

