

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112321\
 Data File : VN069630.D
 Acq On : 23 Nov 2021 16:48
 Operator : JC/MD
 Sample : M4820-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 24 02:27:12 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)

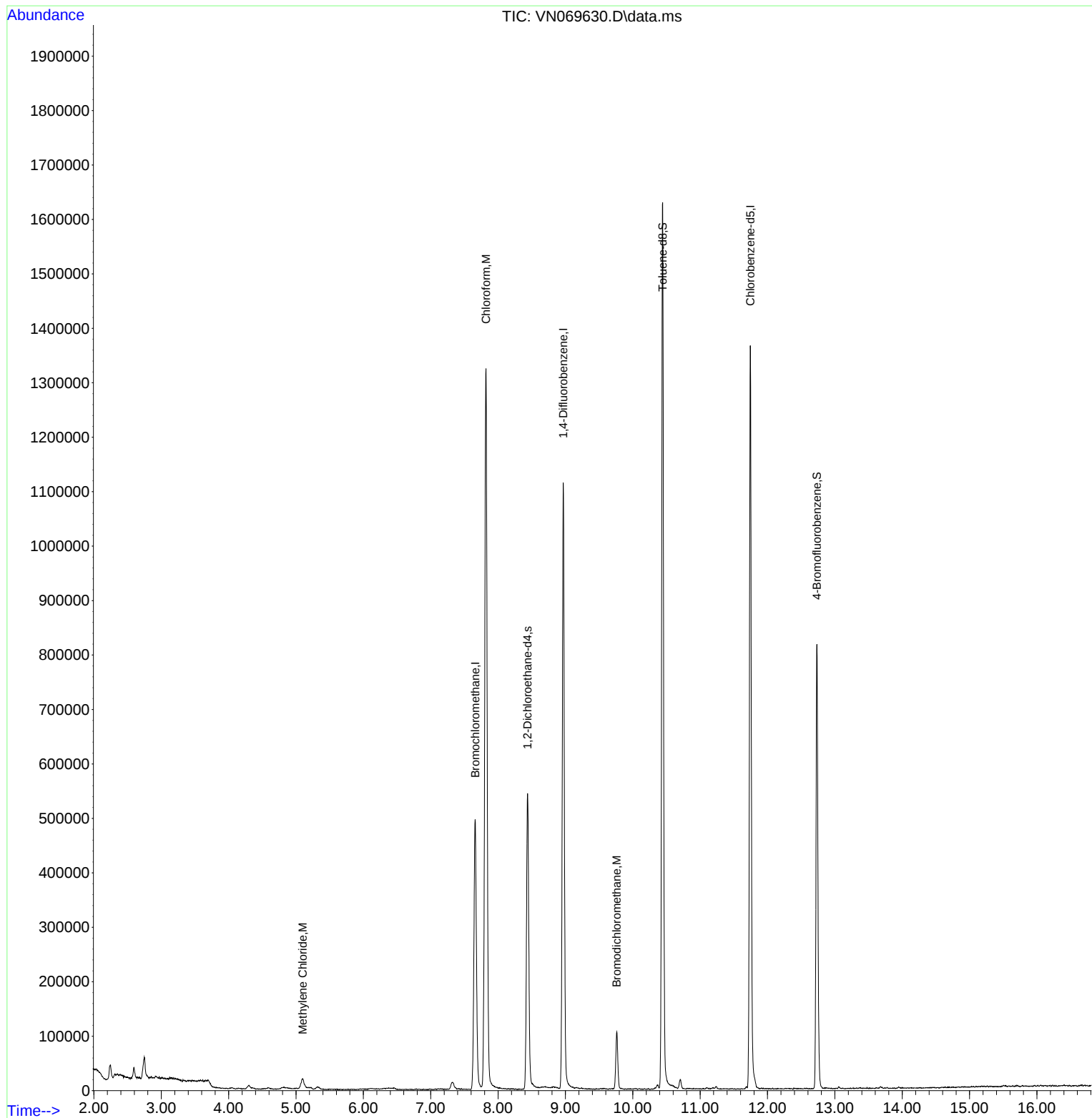
Internal Standards						
1) Bromochloromethane	7.662	128	169949	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	932809	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	792963	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.437	65	471756	32.007	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.700%
60) 4-Bromofluorobenzene	12.734	95	305321	24.061	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.200%
63) Toluene-d8	10.443	98	1135152	31.004	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.333%
Target Compounds						
					Qvalue	
18) Methylene Chloride	5.101	84	12505	1.156	ug/l	97
25) Chloroform	7.820	83	1278049	62.992	ug/l	98
41) Bromodichloromethane	9.762	83	71728	4.975	ug/l	92

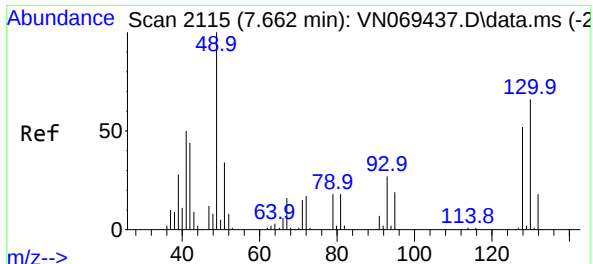
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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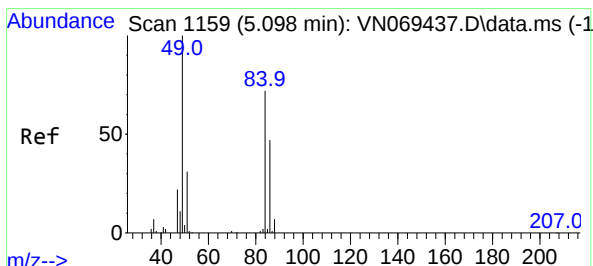
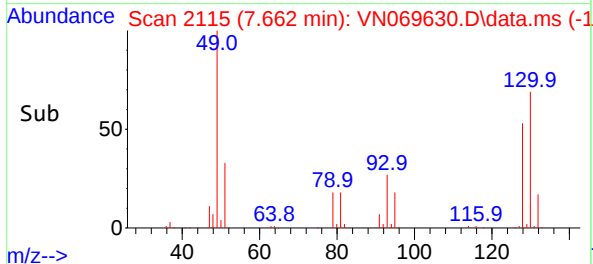
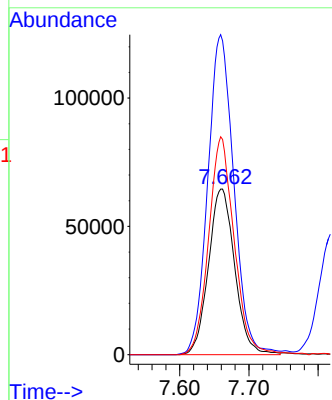
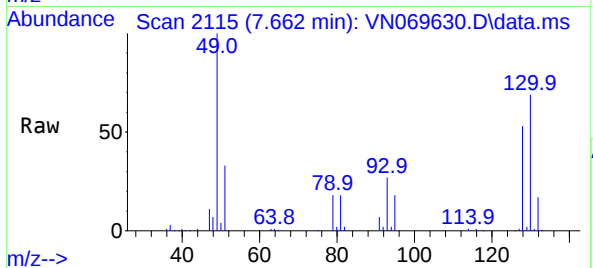




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

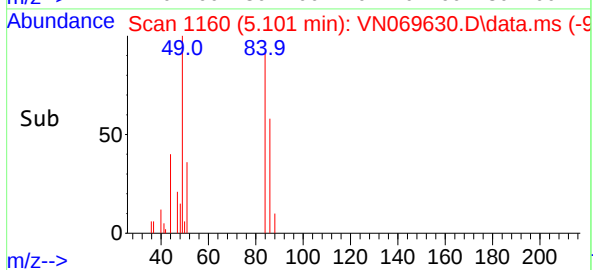
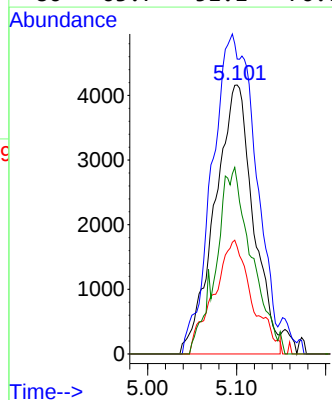
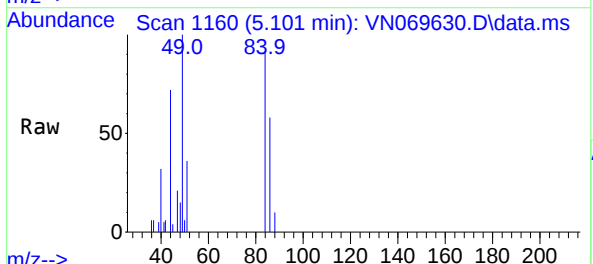
Instrument :
MSVOA_N
ClientSampleId :
14B-4

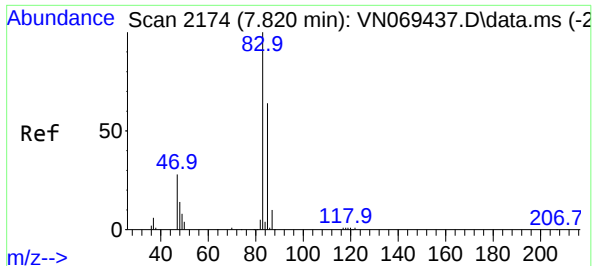
Tgt Ion:128 Resp: 169949
Ion Ratio Lower Upper
128 100
49 191.9 0.0 392.3
130 127.1 0.0 320.2



#18
Methylene Chloride
Concen: 1.156 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

Tgt Ion: 84 Resp: 12505
Ion Ratio Lower Upper
84 100
49 109.6 91.4 137.0
51 39.8 29.4 44.0
86 63.7 51.1 76.7

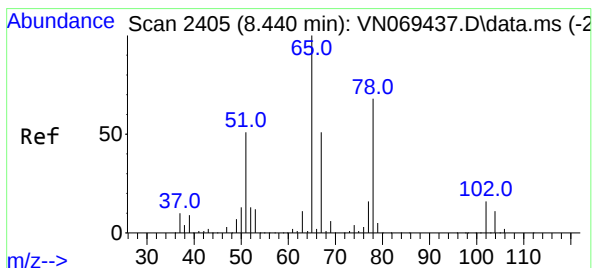
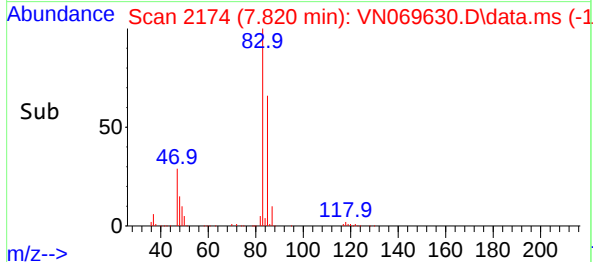
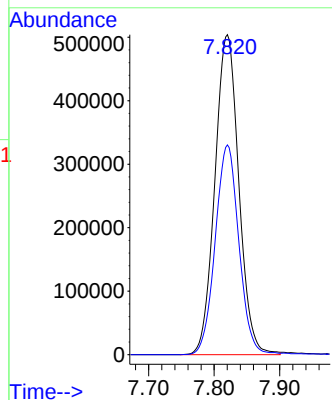
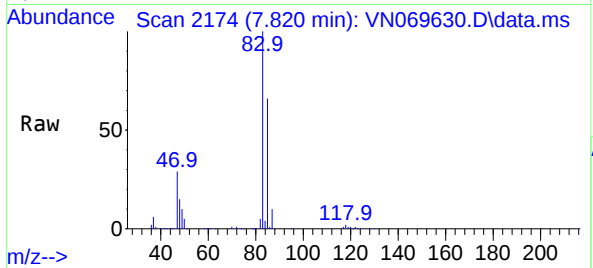




#25
Chloroform
Concen: 62.992 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

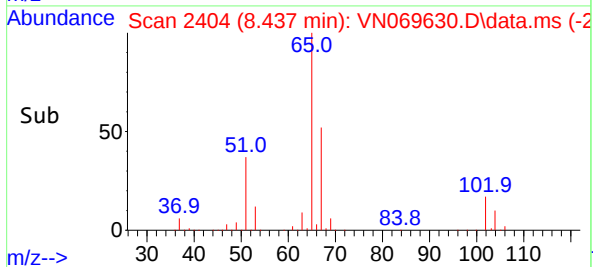
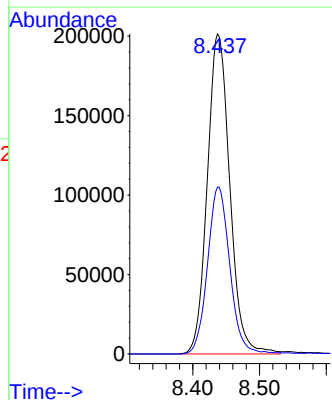
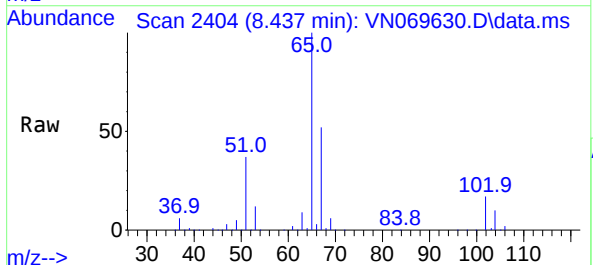
Instrument :
MSVOA_N
ClientSampleId :
14B-4

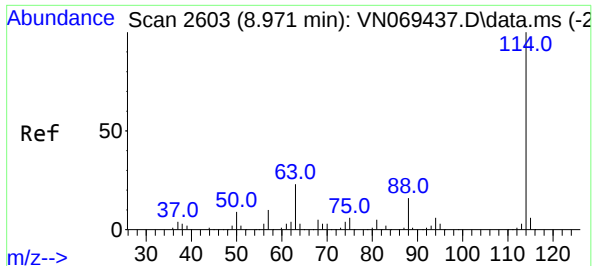
Tgt Ion: 83 Resp: 1278049
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 32.007 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

Tgt Ion: 65 Resp: 471756
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN069630.D

Acq: 23 Nov 2021 16:48

Instrument :

MSVOA_N

ClientSampleId :

14B-4

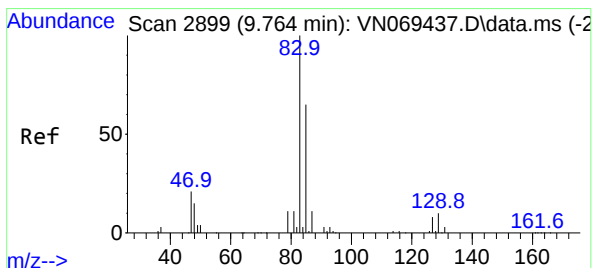
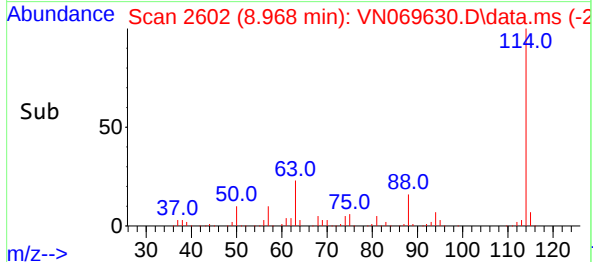
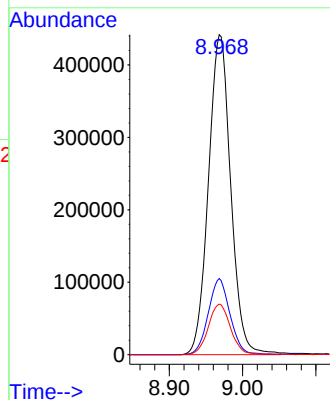
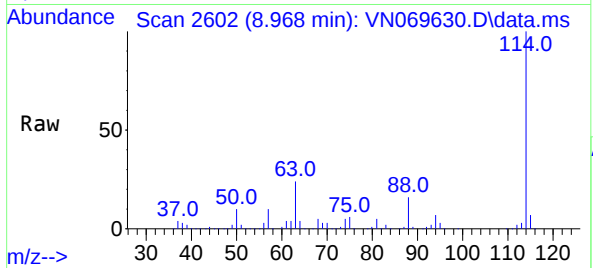
Tgt Ion:114 Resp: 932809

Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

88 15.7 11.6 17.4



#41

Bromodichloromethane

Concen: 4.975 ug/l

RT: 9.762 min Scan# 2898

Delta R.T. -0.003 min

Lab File: VN069630.D

Acq: 23 Nov 2021 16:48

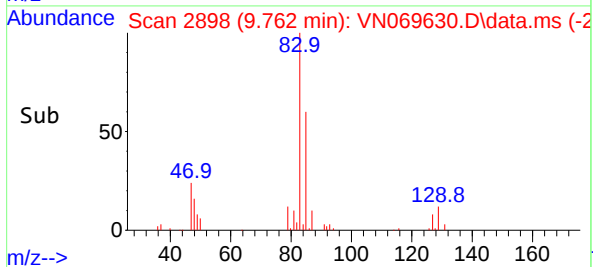
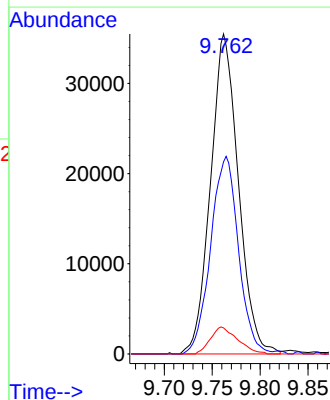
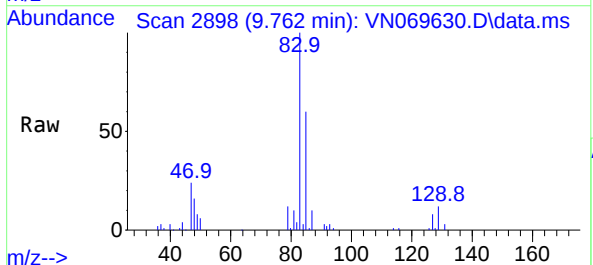
Tgt Ion: 83 Resp: 71728

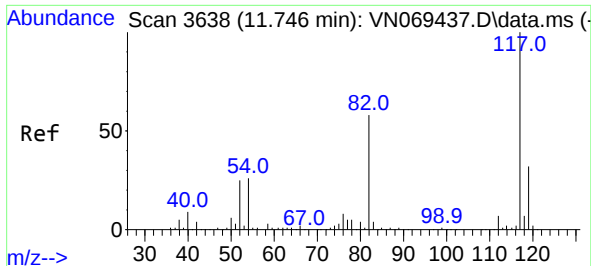
Ion Ratio Lower Upper

83 100

85 60.0 54.1 81.1

127 9.0 7.6 11.4

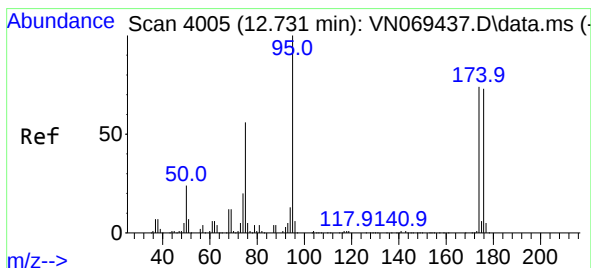
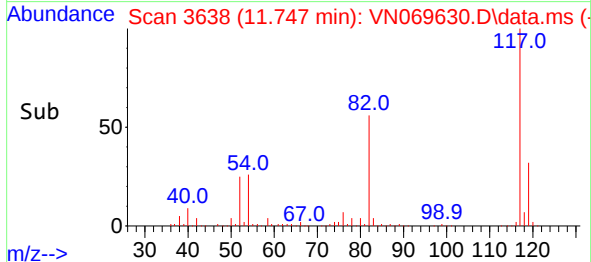
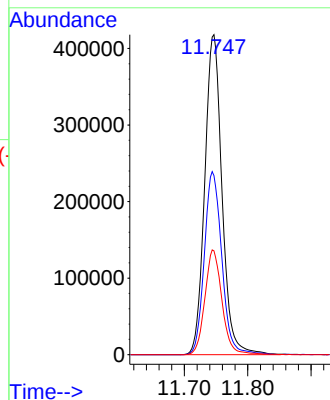
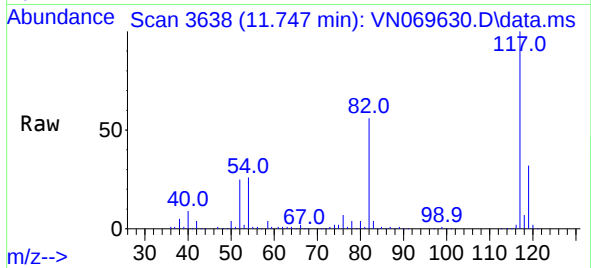




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.747 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

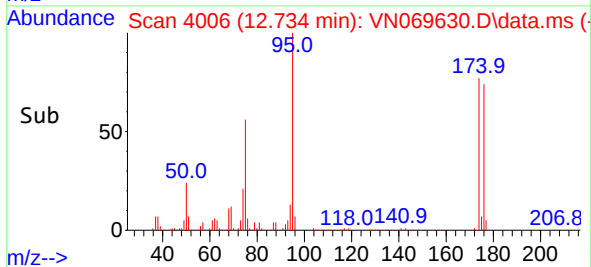
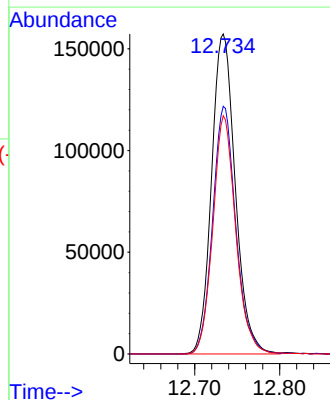
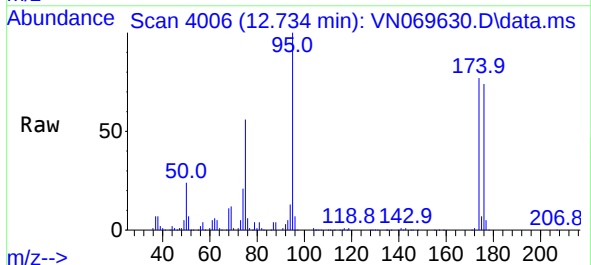
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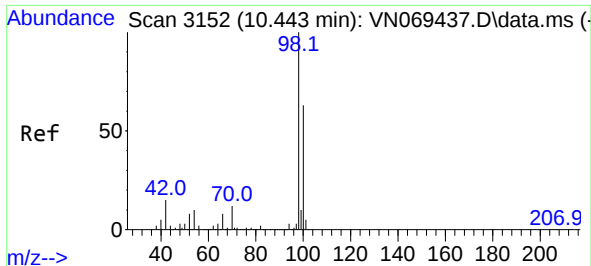
Tgt Ion:117 Resp: 792963
Ion Ratio Lower Upper
117 100
82 58.0 43.6 65.4
119 32.5 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 24.061 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

Tgt Ion: 95 Resp: 305321
Ion Ratio Lower Upper
95 100
174 75.7 62.9 94.3
176 71.7 61.0 91.4





#63
Toluene-d8
Concen: 31.004 ug/l
RT: 10.443 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069630.D
Acq: 23 Nov 2021 16:48

Instrument :
MSVOA_N
ClientSampleId :
14B-4

Tgt Ion: 98 Resp: 1135152
Ion Ratio Lower Upper
98 100
100 63.9 50.6 76.0

