

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069849.D
 Acq On : 8 Dec 2021 7:04
 Operator : JC/MD
 Sample : M4953-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A1513

Quant Time: Dec 08 07:32:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

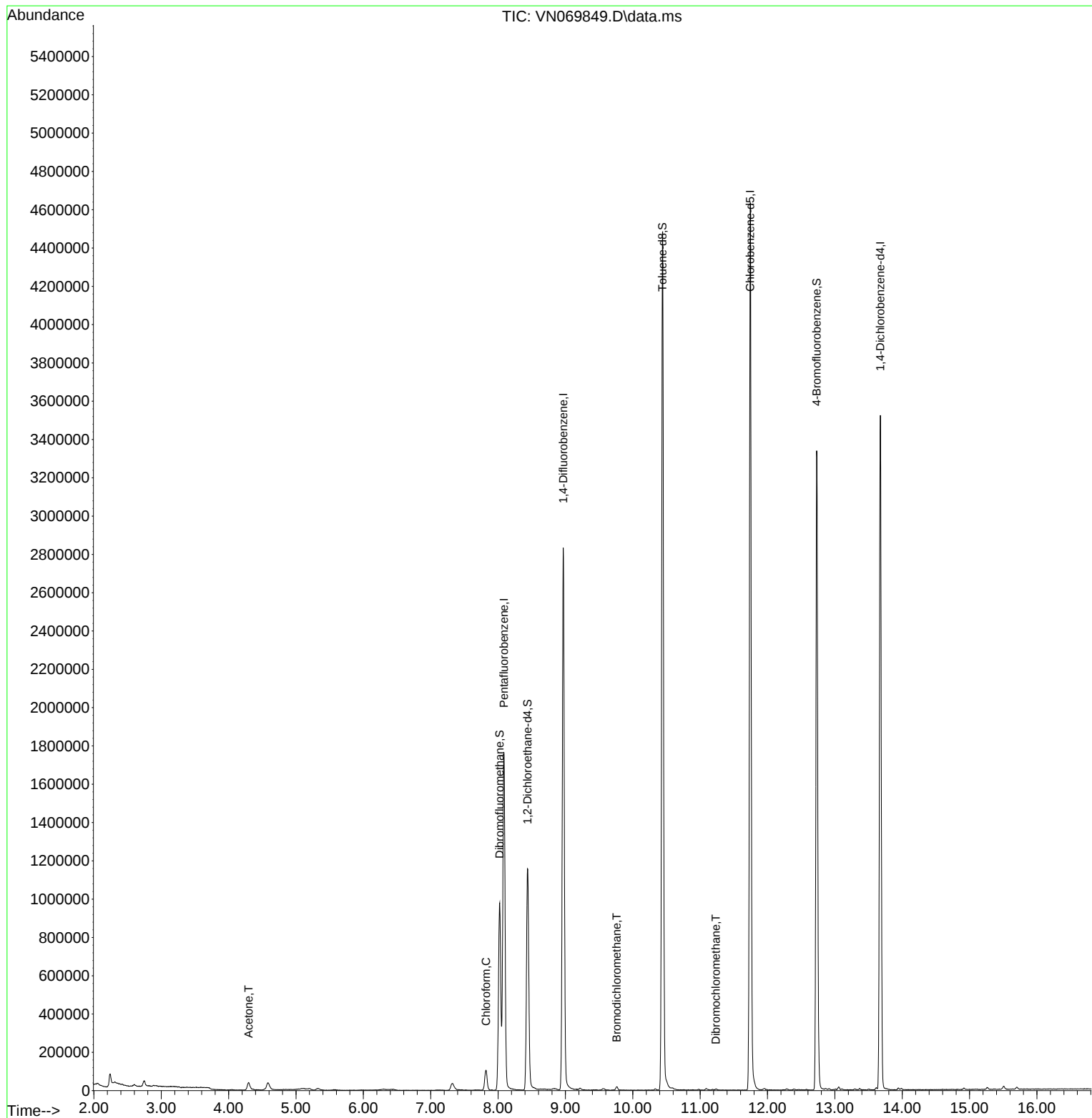
Internal Standards						
1) Pentafluorobenzene	8.085	168	1332109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2379244	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2568048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	958763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1029819	50.070	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.140%	
35) Dibromofluoromethane	8.024	113	710825	47.697	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.400%	
50) Toluene-d8	10.440	98	3111131	51.990	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.980%	
62) 4-Bromofluorobenzene	12.731	95	1181745	54.511	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 109.020%	
Target Compounds						
16) Acetone	4.296	43	72891	5.891	ug/l	95
30) Chloroform	7.820	83	103494	3.540	ug/l	95
47) Bromodichloromethane	9.759	83	12154	0.526	ug/l #	95
60) Dibromochloromethane	11.234	129	3239	2.545	ug/l	95

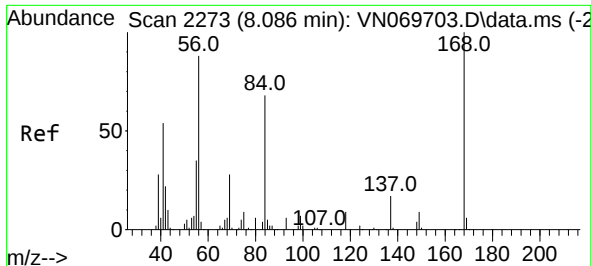
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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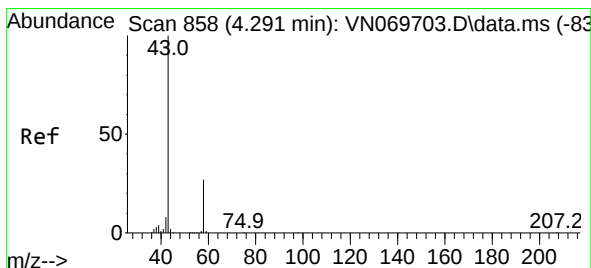
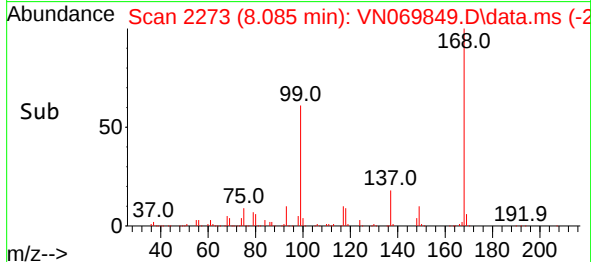
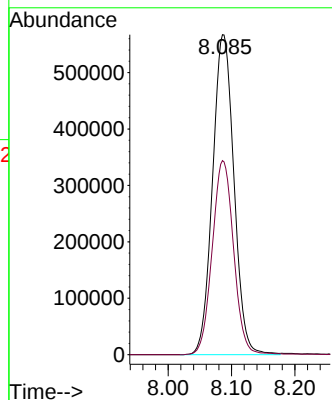
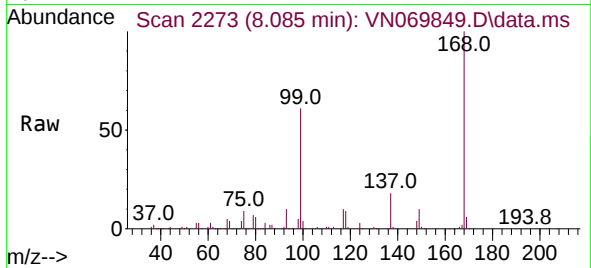




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.085 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

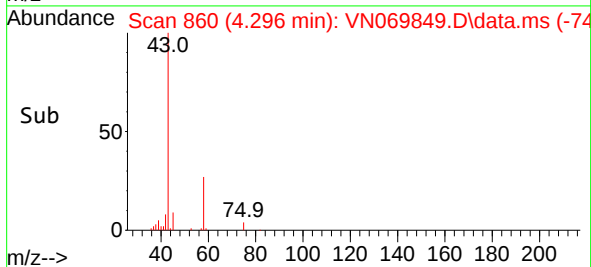
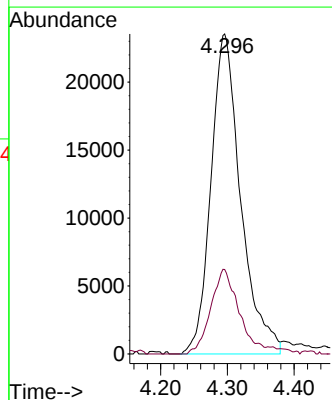
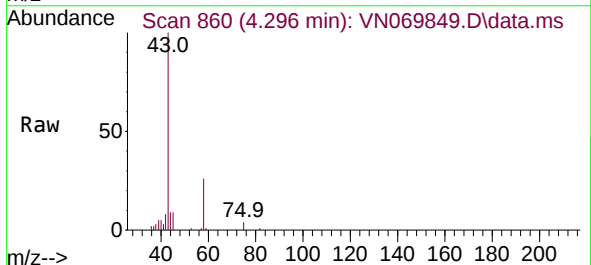
Instrument :
MSVOA_N
ClientSampleId :
A1513

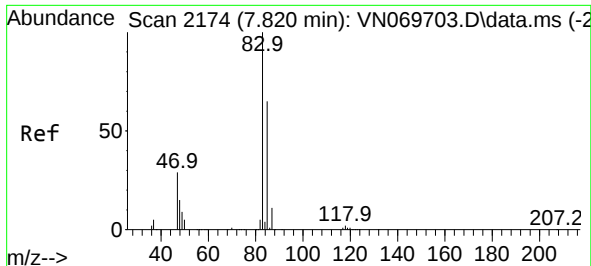
Tgt Ion:168 Resp: 1332109
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9



#16
Acetone
Concen: 5.891 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

Tgt Ion: 43 Resp: 72891
Ion Ratio Lower Upper
43 100
58 26.4 23.1 34.7

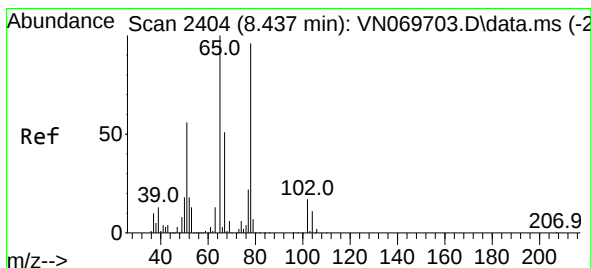
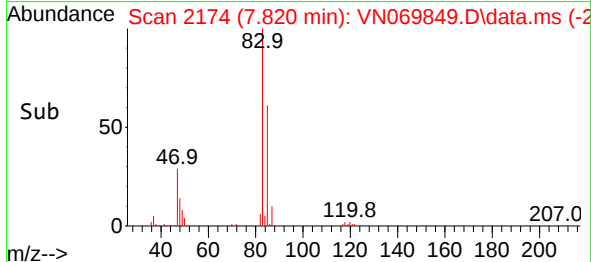
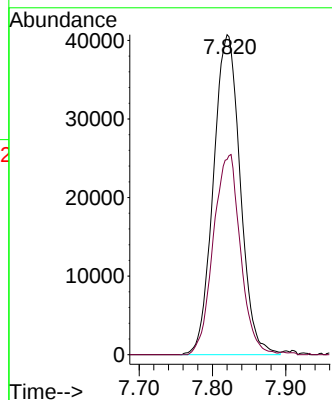
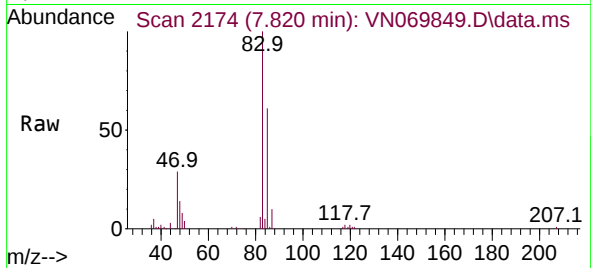




#30
Chloroform
Concen: 3.540 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. -0.000 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

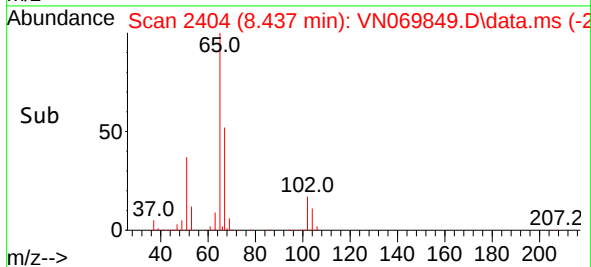
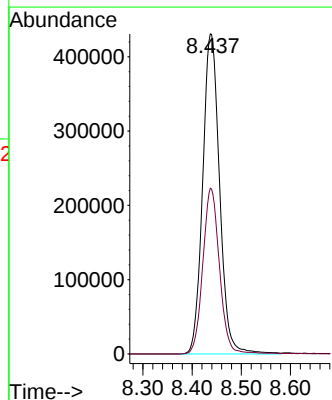
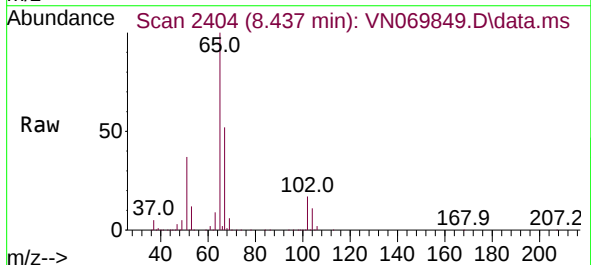
Instrument :
MSVOA_N
ClientSampleId :
A1513

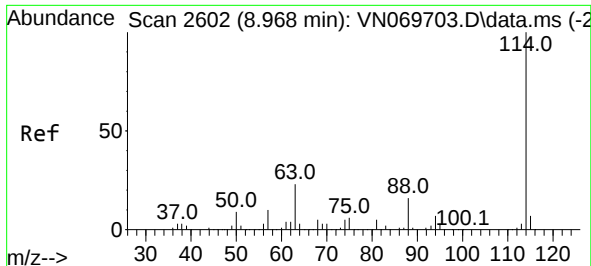
Tgt Ion: 83 Resp: 103494
Ion Ratio Lower Upper
83 100
85 61.0 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

Tgt Ion: 65 Resp: 1029819
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN069849.D

Acq: 8 Dec 2021 7:04

Instrument :

MSVOA_N

ClientSampleId :

A1513

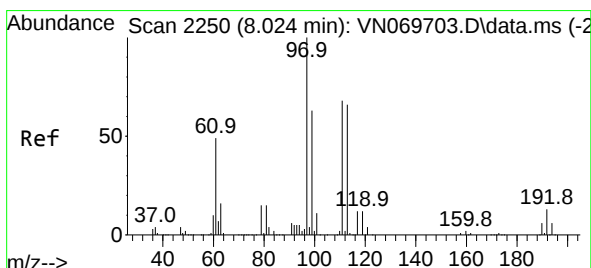
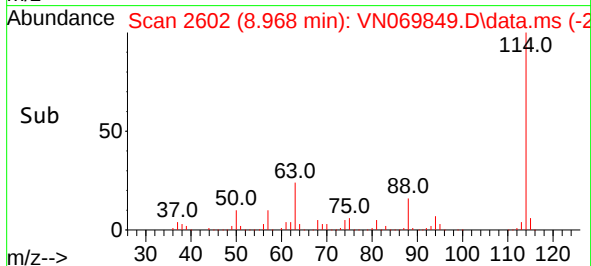
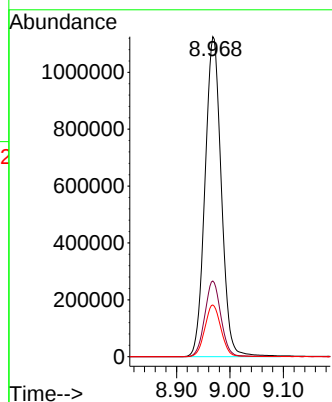
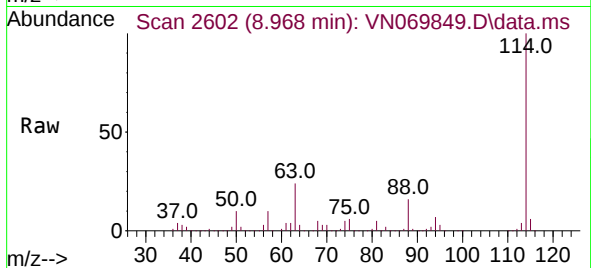
Tgt Ion:114 Resp: 2379244

Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

88 16.2 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.697 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN069849.D

Acq: 8 Dec 2021 7:04

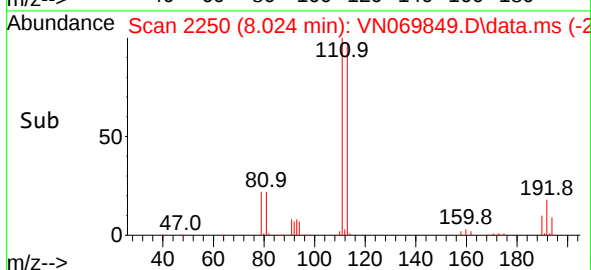
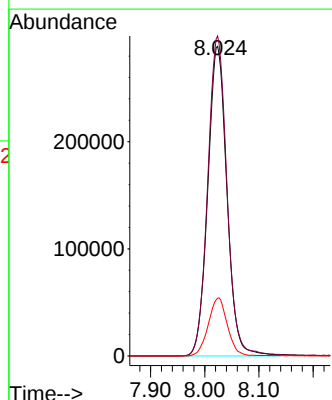
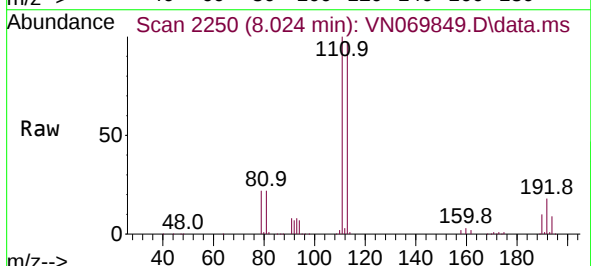
Tgt Ion:113 Resp: 710825

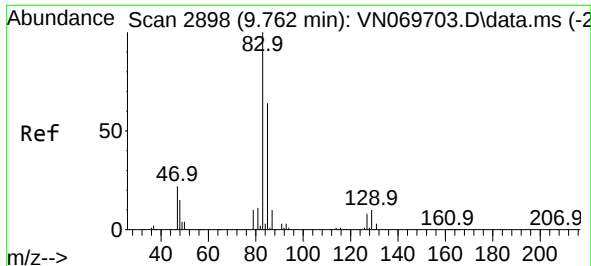
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.2

192 18.7 16.9 25.3





#47

Bromodichloromethane

Concen: 0.526 ug/l

RT: 9.759 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069849.D

Acq: 8 Dec 2021 7:04

Instrument :

MSVOA_N

ClientSampleId :

A1513

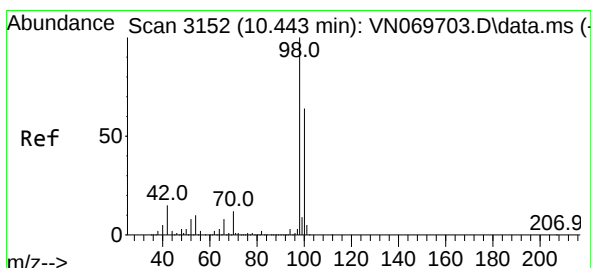
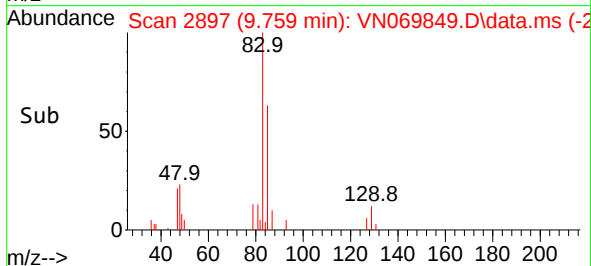
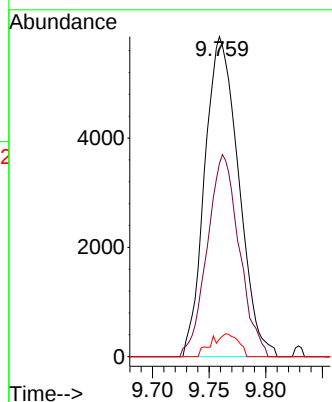
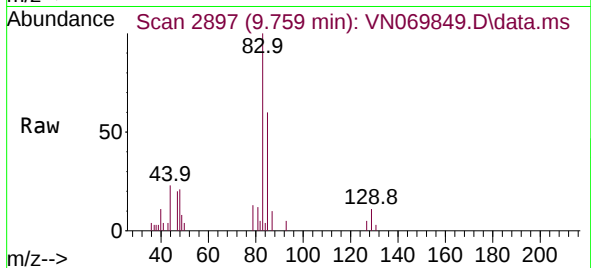
Tgt Ion: 83 Resp: 12154

Ion Ratio Lower Upper

83 100

85 60.3 50.9 76.3

127 5.5 7.1 10.7#



#50

Toluene-d8

Concen: 51.990 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069849.D

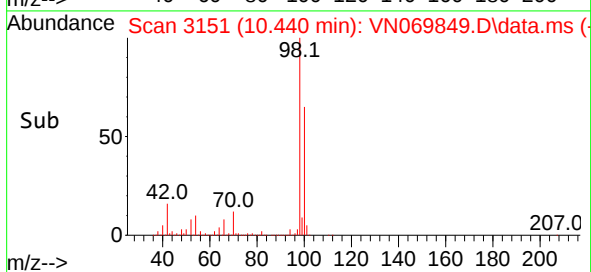
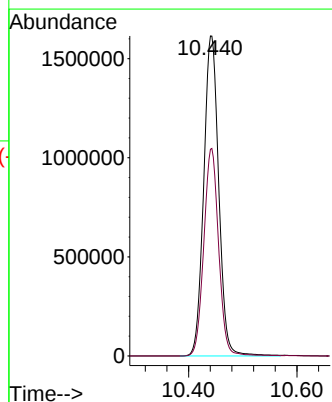
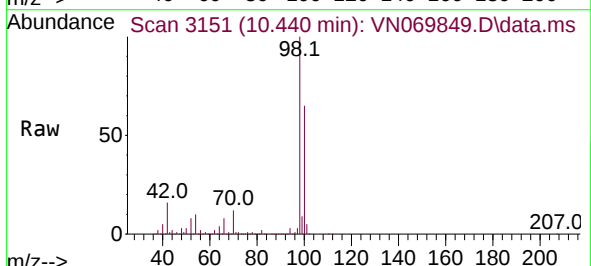
Acq: 8 Dec 2021 7:04

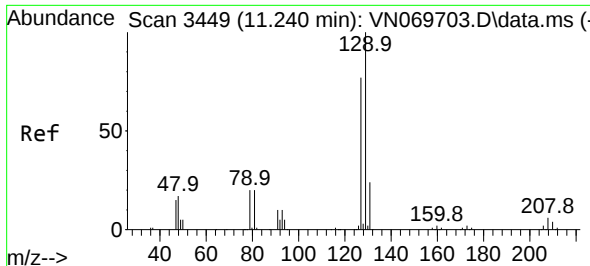
Tgt Ion: 98 Resp: 3111131

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6

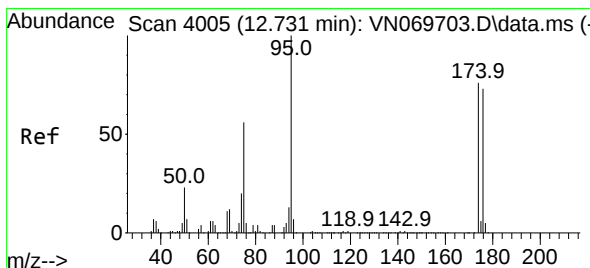
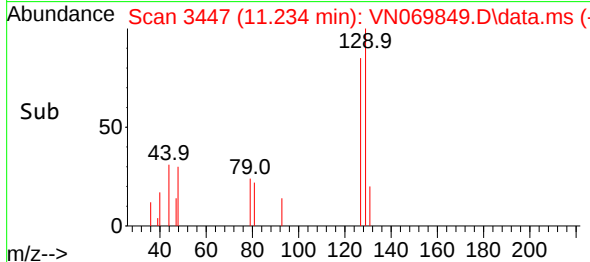
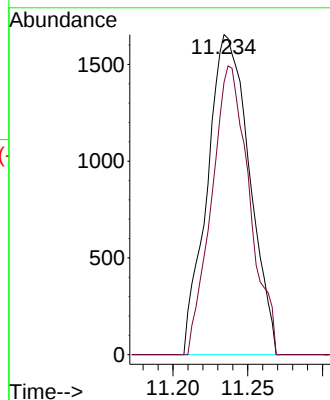
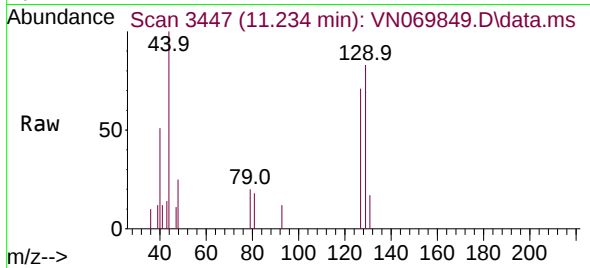




#60
Dibromochloromethane
Concen: 2.545 ug/l
RT: 11.234 min Scan# 3449
Delta R.T. -0.006 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

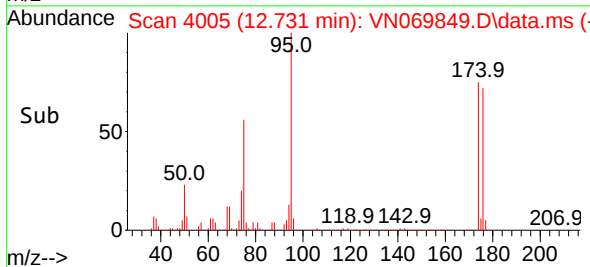
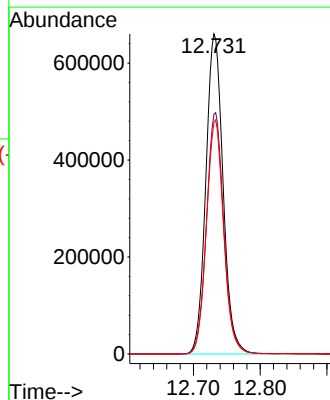
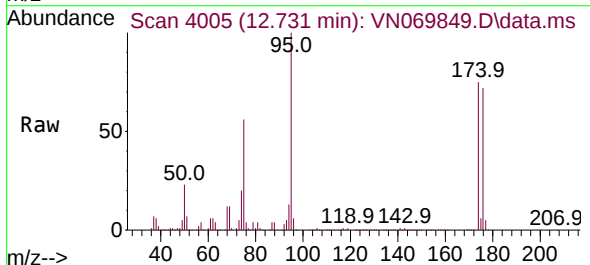
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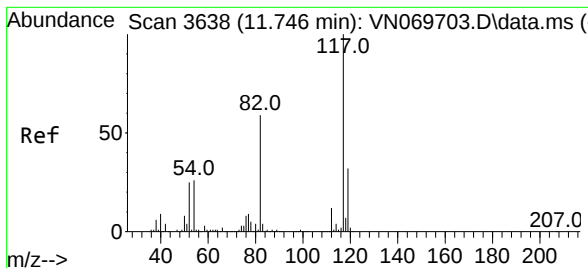
Tgt Ion:129 Resp: 3239
Ion Ratio Lower Upper
129 100
127 81.2 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 54.511 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069849.D
Acq: 8 Dec 2021 7:04

Tgt Ion: 95 Resp: 1181745
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.002 min

Lab File: VN069849.D

Acq: 8 Dec 2021 7:04

Instrument :

MSVOA_N

ClientSampleId :

A1513

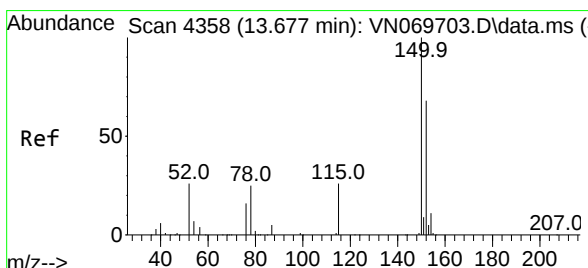
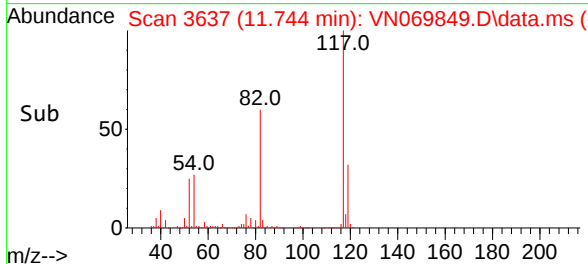
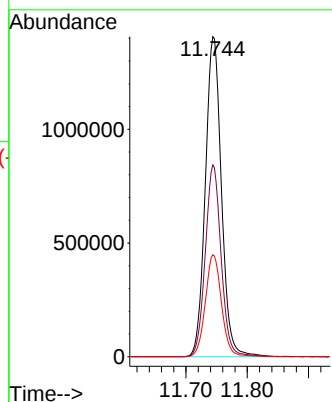
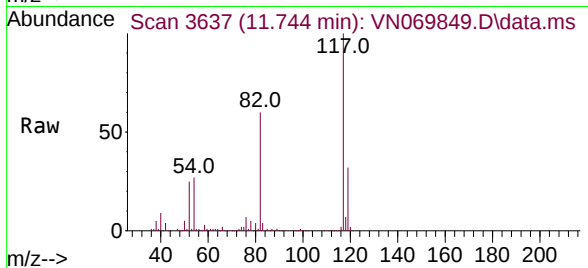
Tgt Ion:117 Resp: 2568048

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

119 31.8 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. -0.003 min

Lab File: VN069849.D

Acq: 8 Dec 2021 7:04

Tgt Ion:152 Resp: 958763

Ion Ratio Lower Upper

152 100

115 61.2 27.5 82.5

150 156.7 0.0 344.4

