

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069848.D
 Acq On : 8 Dec 2021 6:39
 Operator : JC/MD
 Sample : M4953-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3718

Quant Time: Dec 08 07:12:49 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)

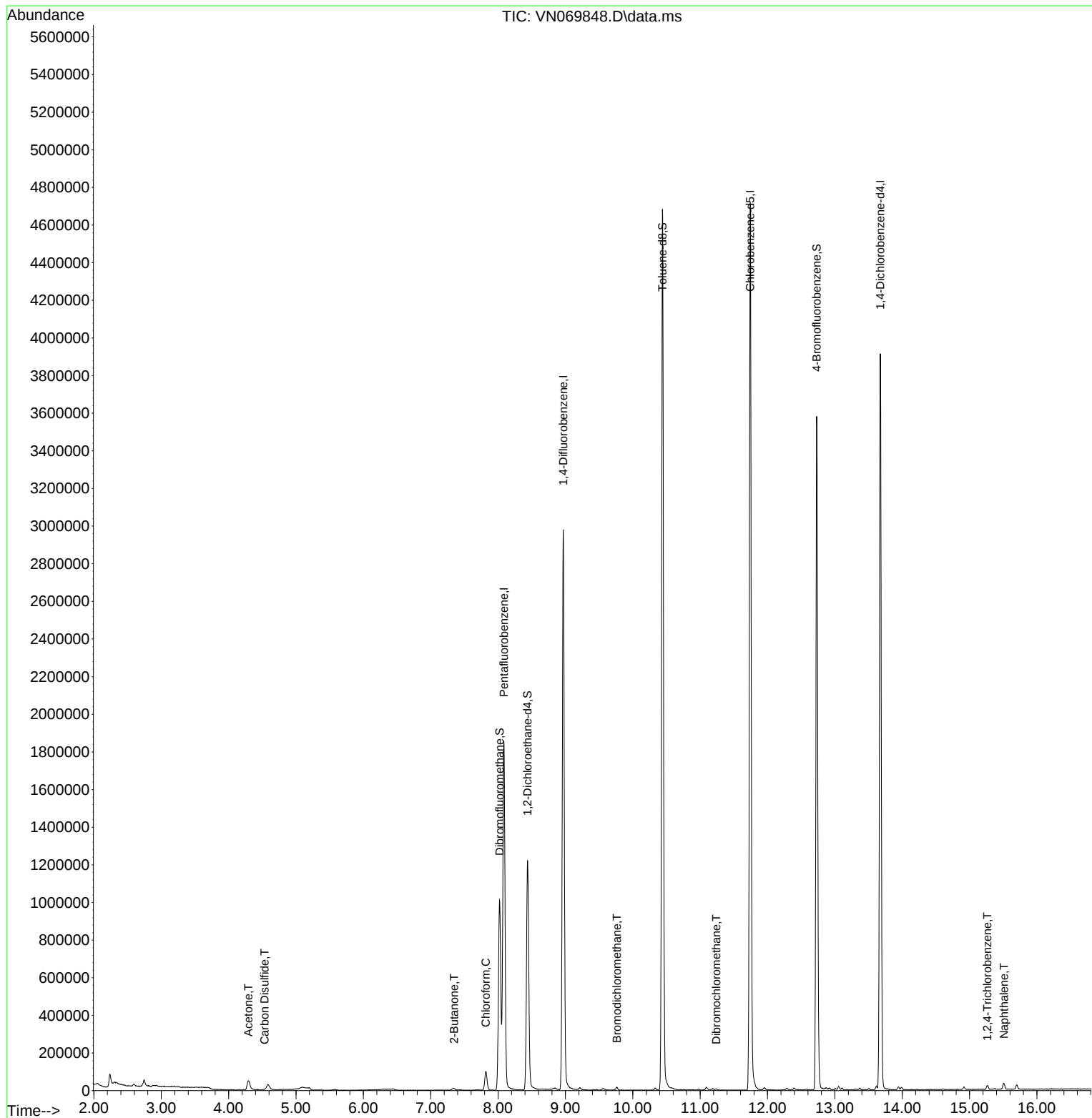
Internal Standards						
1) Pentafluorobenzene	8.086	168	1383304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2486861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2685741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1056982	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1071472	50.167	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.340%	
35) Dibromofluoromethane	8.021	113	739352	47.464	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.920%	
50) Toluene-d8	10.440	98	3221198	51.500	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.000%	
62) 4-Bromofluorobenzene	12.731	95	1273160	56.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.380%	
Target Compounds						Qvalue
16) Acetone	4.293	43	93406	7.270	ug/l	94
17) Carbon Disulfide	4.535	76	8691	0.255	ug/l	95
25) 2-Butanone	7.345	43	15077	0.864	ug/l	91
30) Chloroform	7.817	83	94564	3.115	ug/l	100
47) Bromodichloromethane	9.764	83	10621	0.440	ug/l	91
60) Dibromochloromethane	11.240	129	3261	2.539	ug/l	86
93) 1,2,4-Trichlorobenzene	15.265	180	7219	3.270	ug/l	99
95) Naphthalene	15.509	128	30273	4.524	ug/l	98

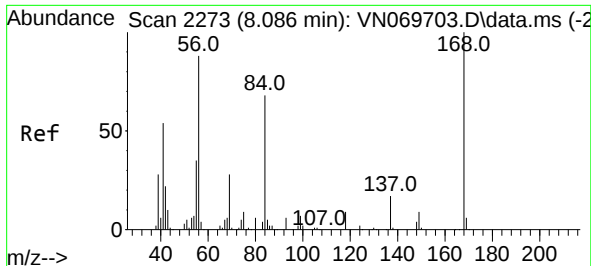
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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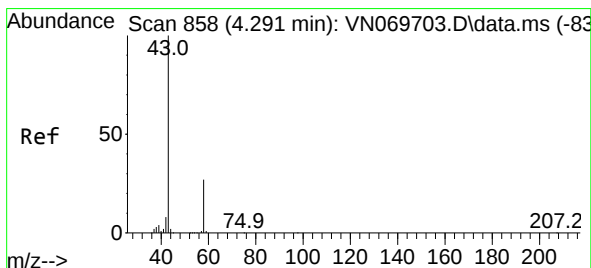
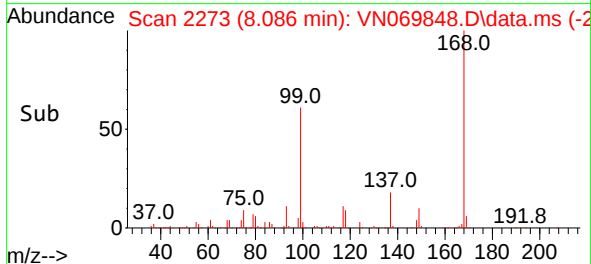
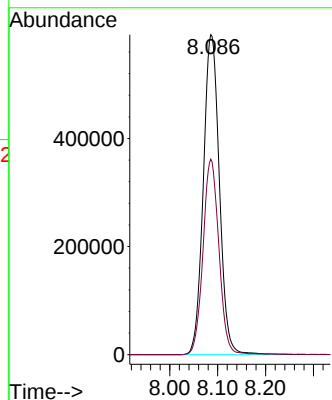
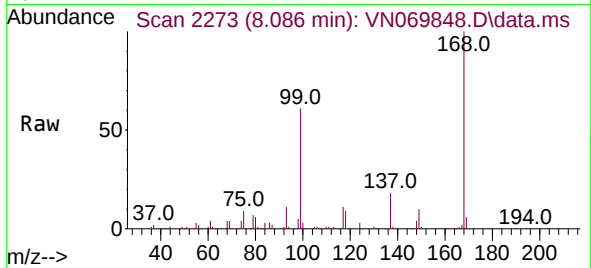




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

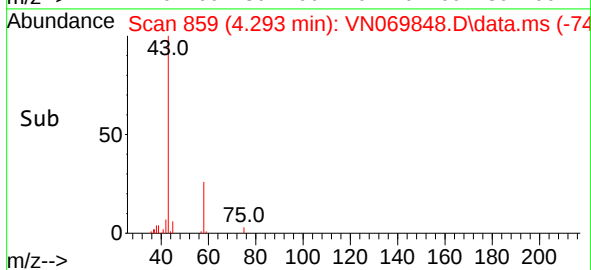
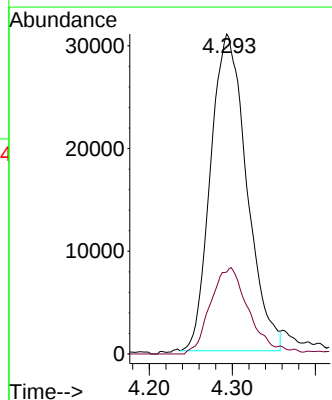
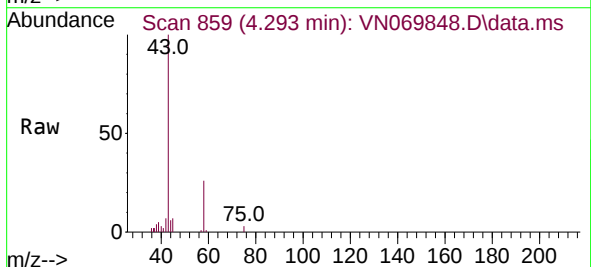
Instrument :
MSVOA_N
ClientSampleId :
A3718

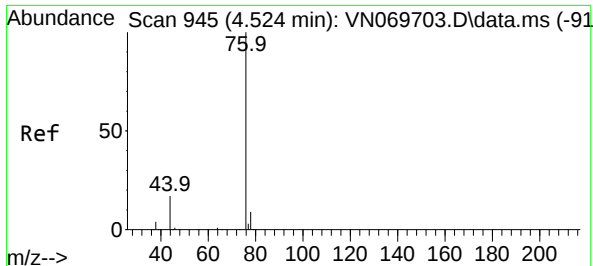
Tgt Ion:168 Resp: 1383304
Ion Ratio Lower Upper
168 100
99 61.1 41.3 61.9



#16
Acetone
Concen: 7.270 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

Tgt Ion: 43 Resp: 93406
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7





#17

Carbon Disulfide

Concen: 0.255 ug/l

RT: 4.535 min Scan# 945

Delta R.T. 0.011 min

Lab File: VN069848.D

Acq: 8 Dec 2021 6:39

Instrument :

MSVOA_N

ClientSampleId :

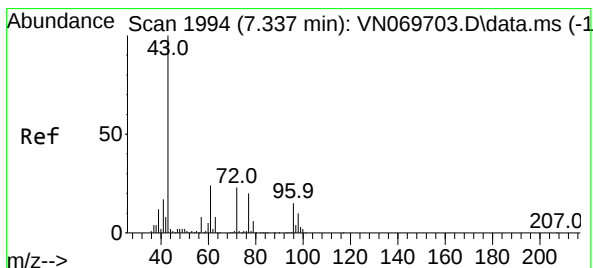
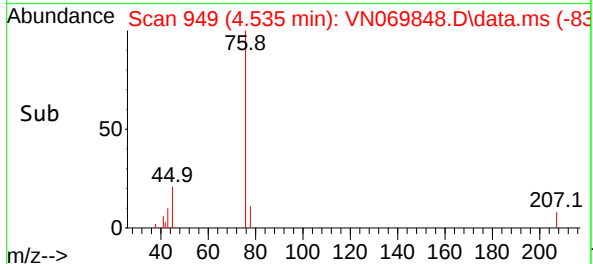
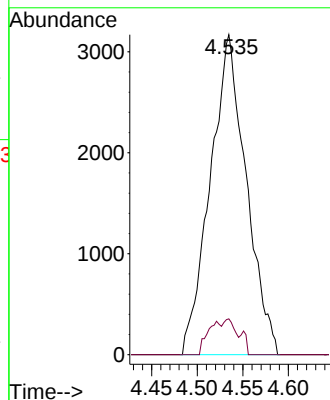
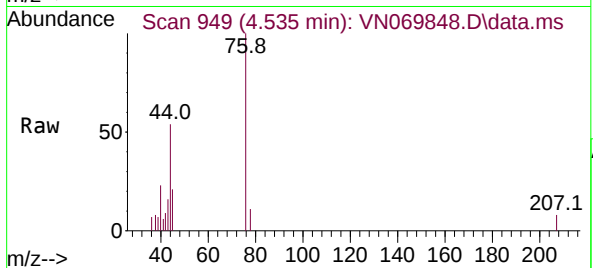
A3718

Tgt Ion: 76 Resp: 8691

Ion Ratio Lower Upper

76 100

78 11.2 7.5 11.3



#25

2-Butanone

Concen: 0.864 ug/l

RT: 7.345 min Scan# 1997

Delta R.T. 0.008 min

Lab File: VN069848.D

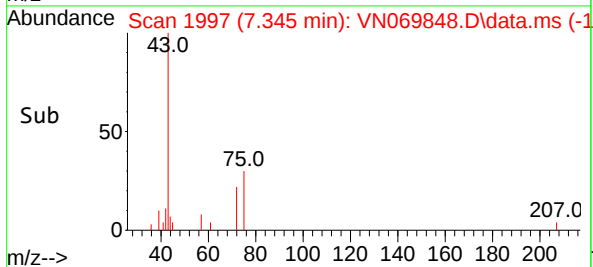
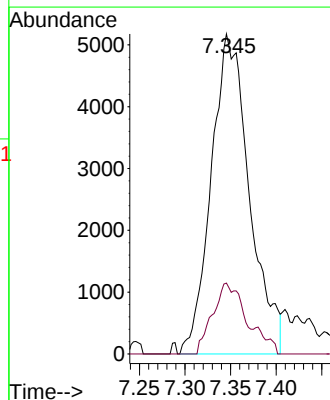
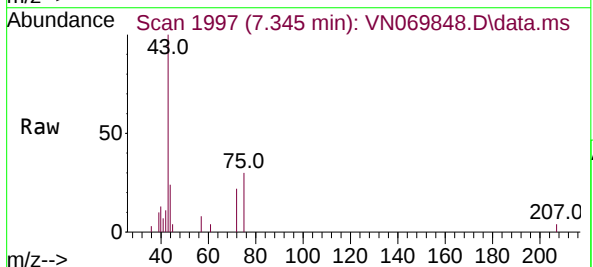
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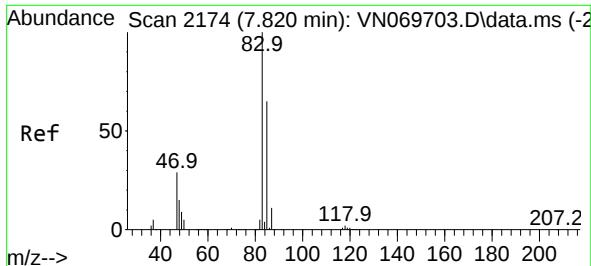
Tgt Ion: 43 Resp: 15077

Ion Ratio Lower Upper

43 100

72 22.2 21.7 32.5

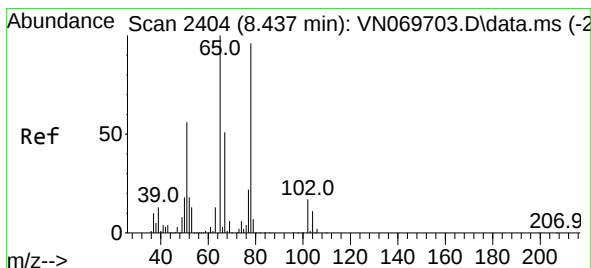
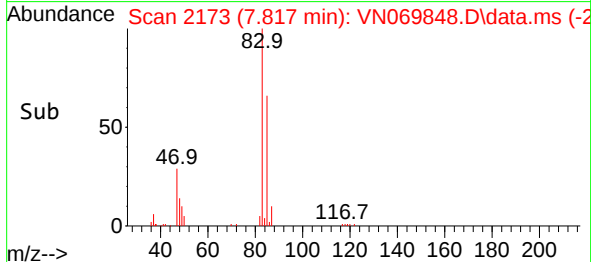
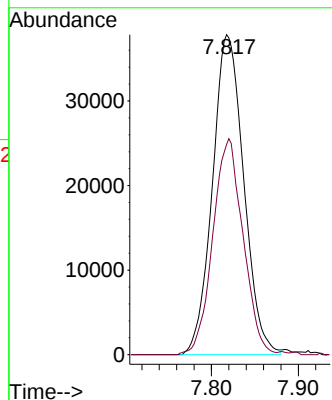
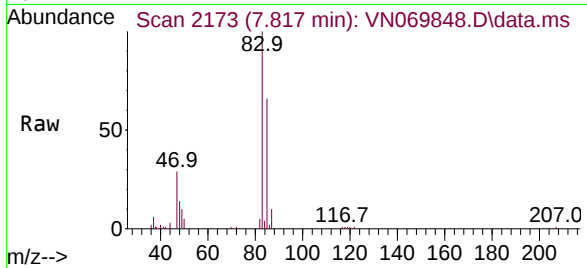




#30
Chloroform
Concen: 3.115 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

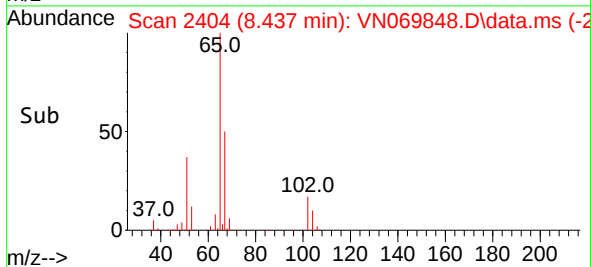
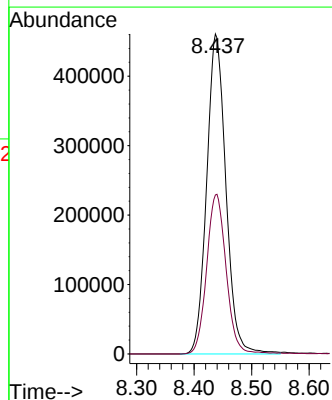
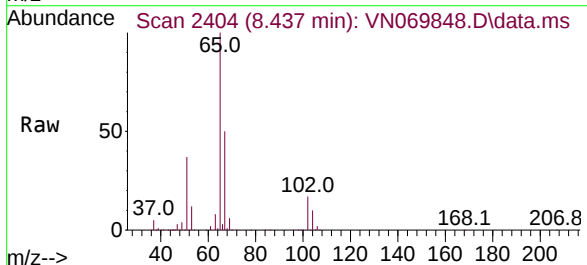
Instrument :
MSVOA_N
ClientSampleId :
A3718

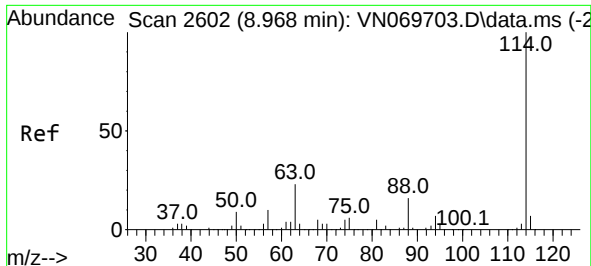
Tgt Ion: 83 Resp: 94564
Ion Ratio Lower Upper
83 100
85 65.2 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 50.167 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

Tgt Ion: 65 Resp: 1071472
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.0

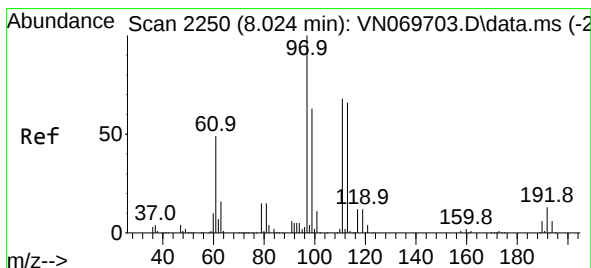
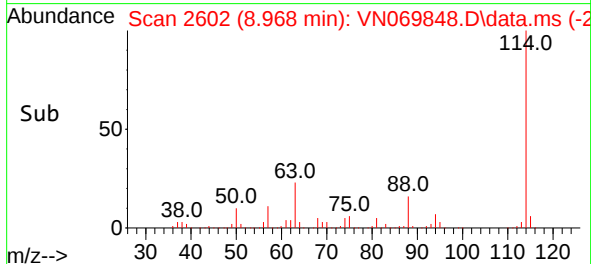
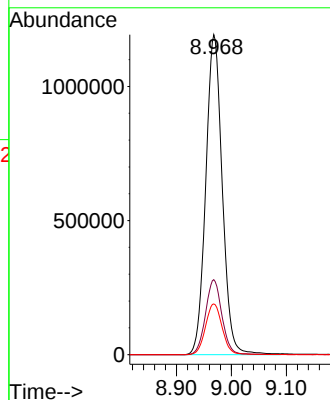
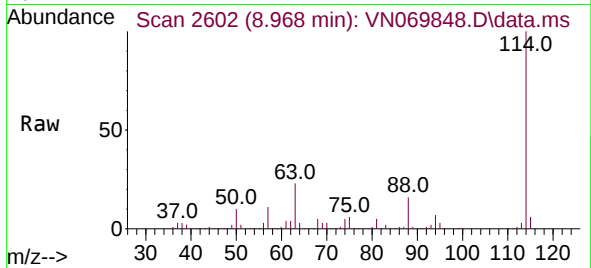




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 214
Delta R.T. -0.000 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

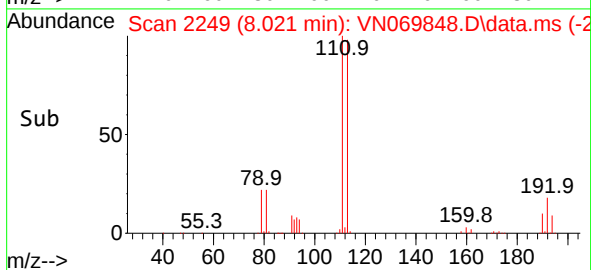
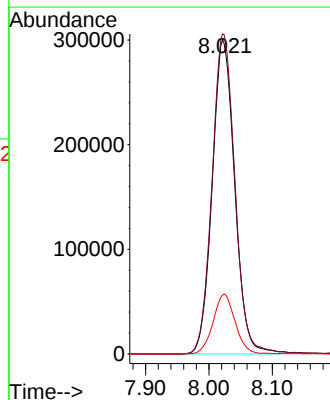
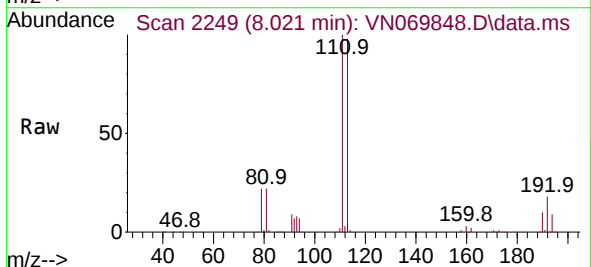
Instrument :
MSVOA_N
ClientSampleId :
A3718

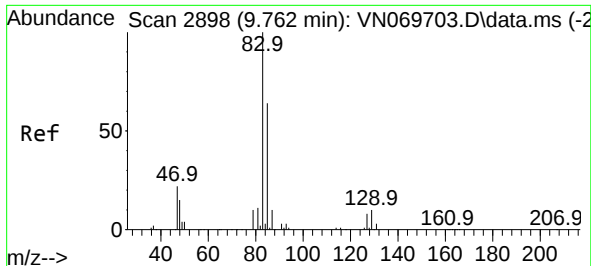
Tgt Ion:114 Resp: 2486861
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 15.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

Tgt Ion:113 Resp: 739352
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 18.6 16.9 25.3





#47

Bromodichloromethane

Concen: 0.440 ug/l

RT: 9.764 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN069848.D

Acq: 8 Dec 2021 6:39

Instrument :

MSVOA_N

ClientSampleId :

A3718

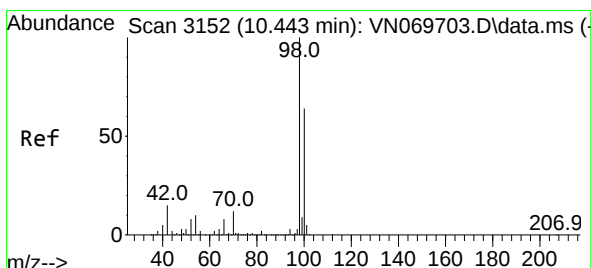
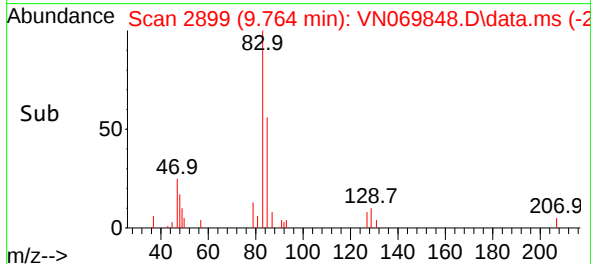
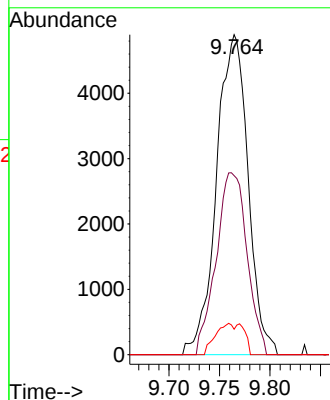
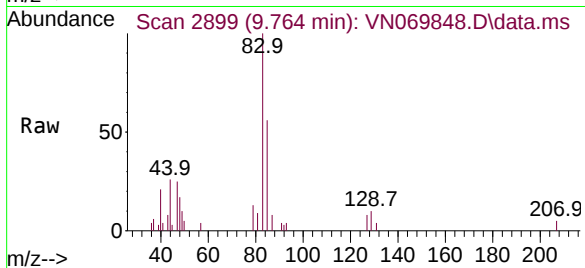
Tgt Ion: 83 Resp: 10621

Ion Ratio Lower Upper

83 100

85 56.0 50.9 76.3

127 7.9 7.1 10.7



#50

Toluene-d8

Concen: 51.500 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN069848.D

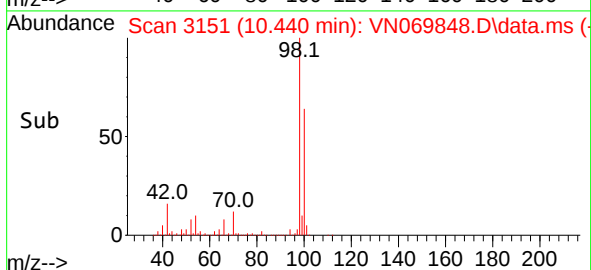
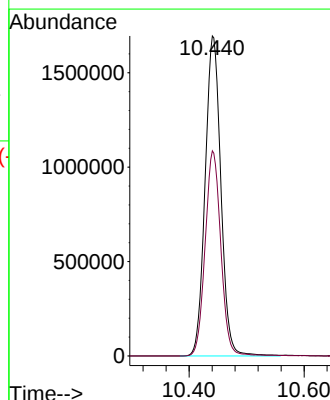
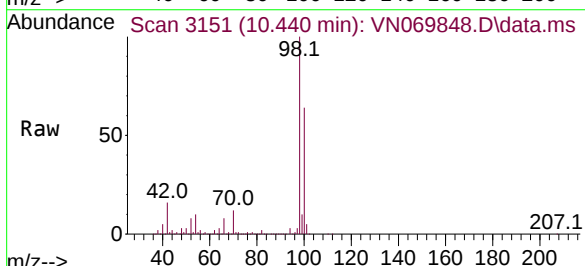
Acq: 8 Dec 2021 6:39

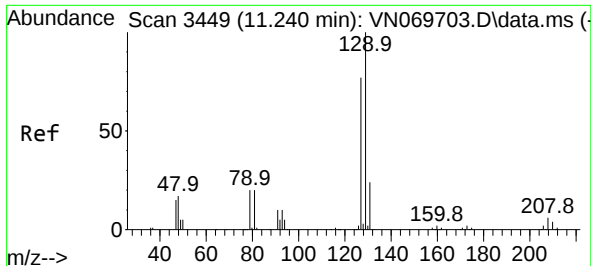
Tgt Ion: 98 Resp: 3221198

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6

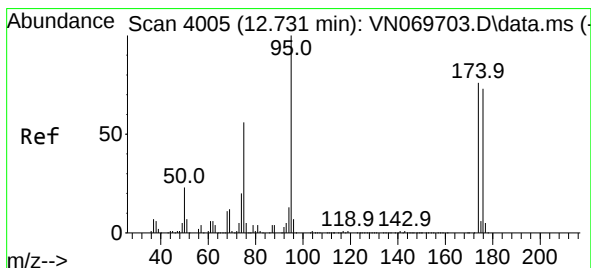
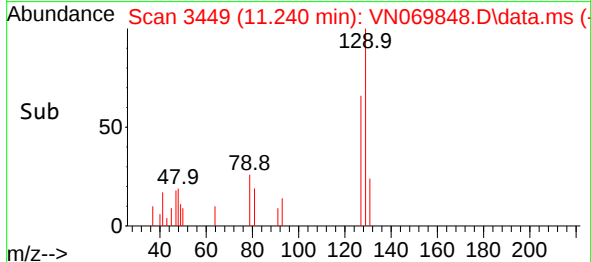
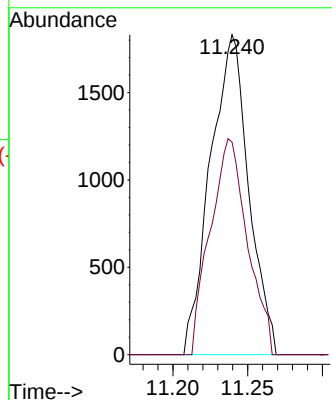
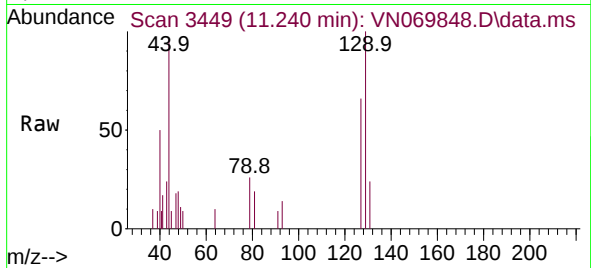




#60
Dibromochloromethane
Concen: 2.539 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

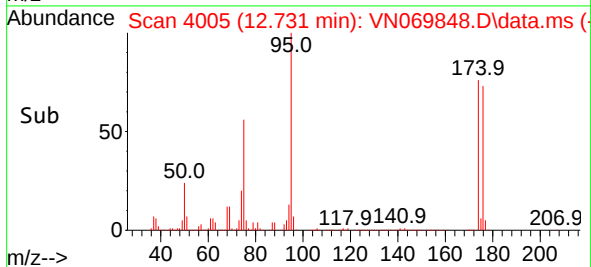
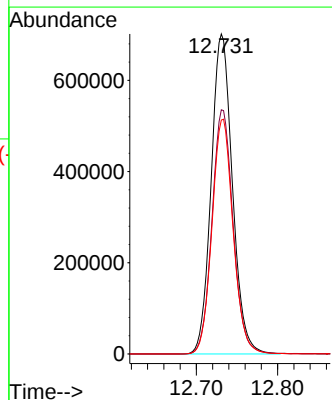
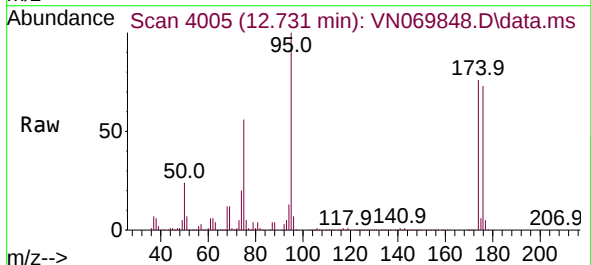
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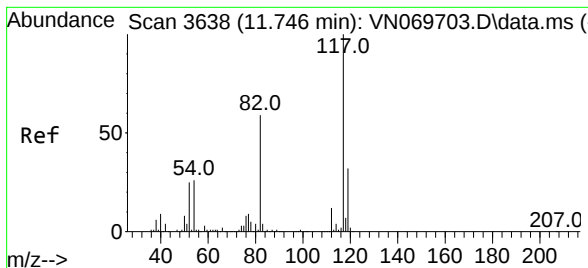
Tgt Ion:129 Resp: 3261
Ion Ratio Lower Upper
129 100
127 65.5 38.6 116.0



#62
4-Bromofluorobenzene
Concen: 56.186 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069848.D
Acq: 8 Dec 2021 6:39

Tgt Ion: 95 Resp: 1273160
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.2 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.002 min

Lab File: VN069848.D

Acq: 8 Dec 2021 6:39

Instrument :

MSVOA_N

ClientSampleId :

A3718

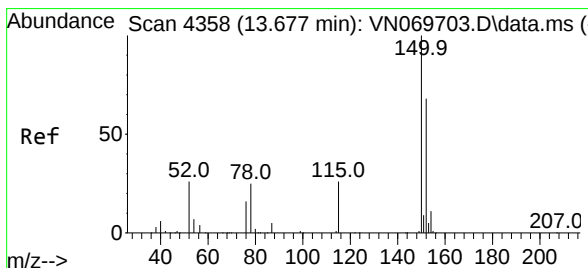
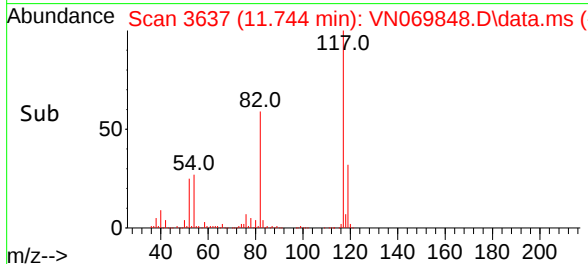
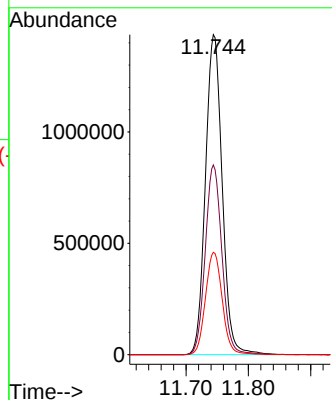
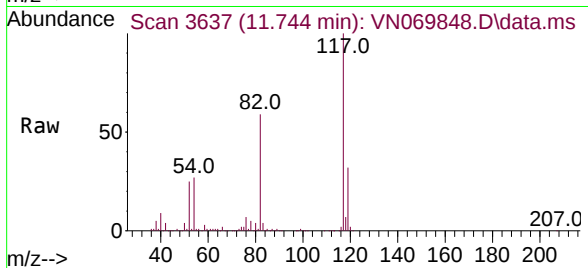
Tgt Ion:117 Resp: 2685741

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.0 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: VN069848.D

Acq: 8 Dec 2021 6:39

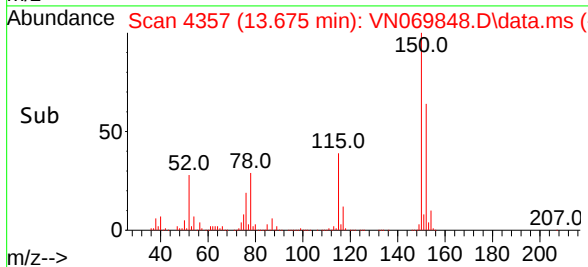
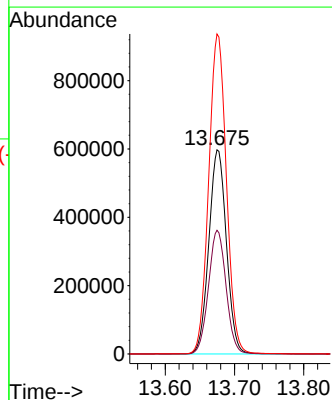
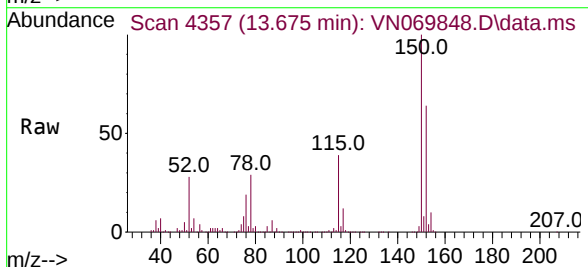
Tgt Ion:152 Resp: 1056982

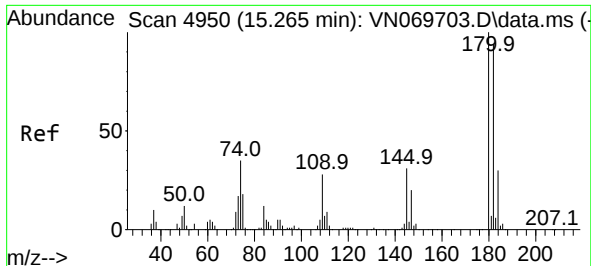
Ion Ratio Lower Upper

152 100

115 60.3 27.5 82.5

150 157.1 0.0 344.4

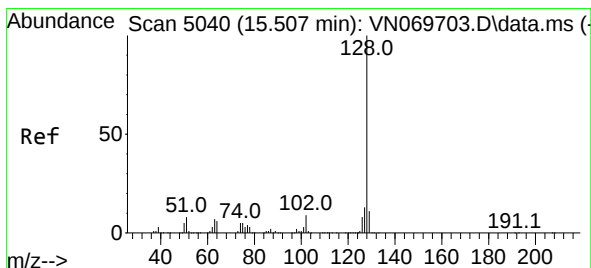
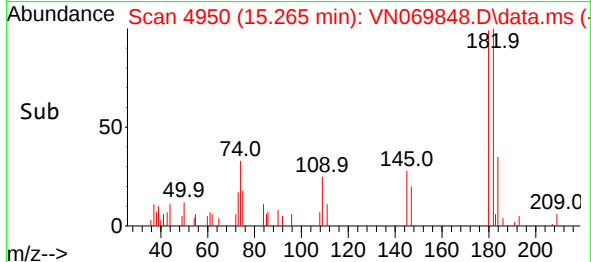
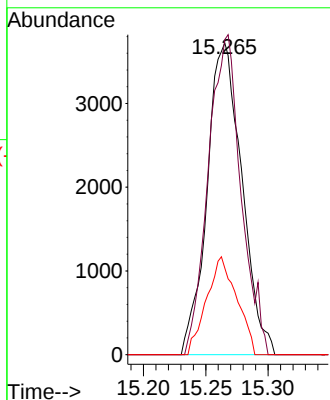
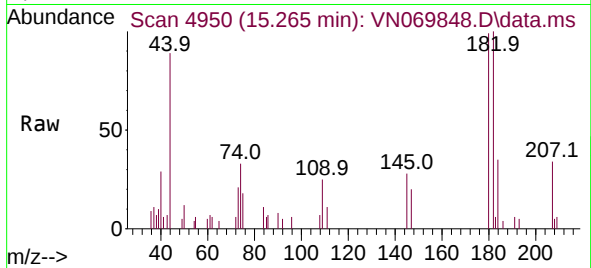




#93
 1,2,4-Trichlorobenzene
 Concen: 3.270 ug/l
 RT: 15.265 min Scan# 4950
 Delta R.T. 0.000 min
 Lab File: VN069848.D
 Acq: 8 Dec 2021 6:39

Instrument :
 MSVOA_N
 ClientSampleId :
 A3718

Tgt Ion:180 Resp: 7219
 Ion Ratio Lower Upper
 180 100
 182 96.7 48.3 144.9
 145 27.3 14.5 43.5



#95
 Naphthalene
 Concen: 4.524 ug/l
 RT: 15.509 min Scan# 5041
 Delta R.T. 0.002 min
 Lab File: VN069848.D
 Acq: 8 Dec 2021 6:39

Tgt Ion:128 Resp: 30273
 Ion Ratio Lower Upper
 128 100
 127 13.8 10.5 15.7
 129 9.9 8.7 13.1

