

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070118.D
 Acq On : 15 Dec 2021 18:00
 Operator : JC/MD
 Sample : M5032-01ME
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-121021ME

Quant Time: Dec 16 05:40:46 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)

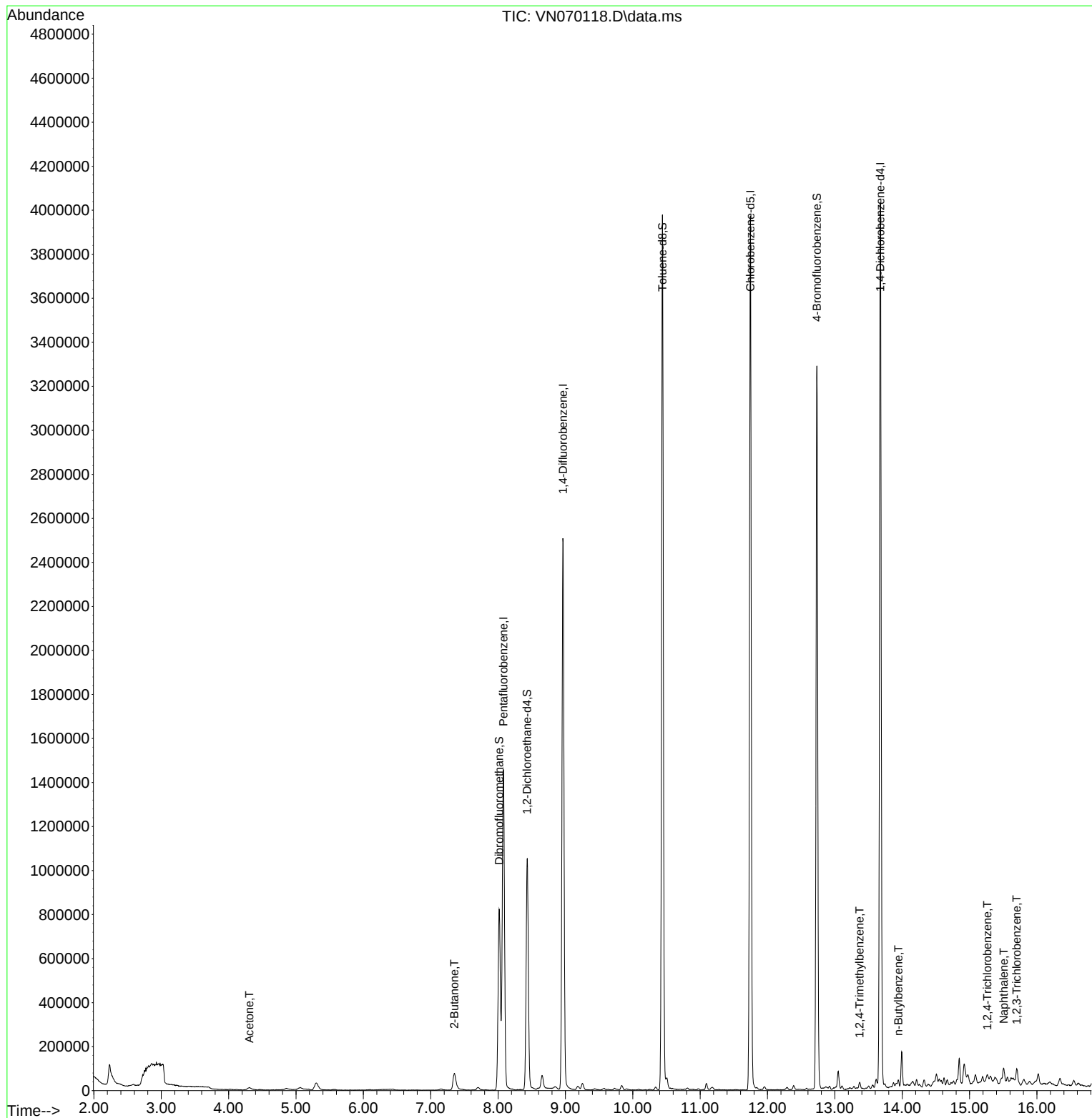
Internal Standards						
1) Pentafluorobenzene	8.080	168	1090482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2119365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2193266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1042123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	891606	52.955	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.900%	
35) Dibromofluoromethane	8.016	113	598259	45.066	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 90.140%	
50) Toluene-d8	10.441	98	2670583	50.101	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.734	95	1128232	58.424	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 116.840%	
Target Compounds						Qvalue
16) Acetone	4.307	43	17745	1.752	ug/l	98
25) 2-Butanone	7.351	43	156178	11.349	ug/l #	88
84) 1,2,4-Trimethylbenzene	13.367	105	17407	0.245	ug/l	97
89) n-Butylbenzene	13.943	91	20479	0.360	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	11723	3.524	ug/l	91
95) Naphthalene	15.507	128	60581	5.080	ug/l	97
96) 1,2,3-Trichlorobenzene	15.700	180	14002	3.235	ug/l #	87

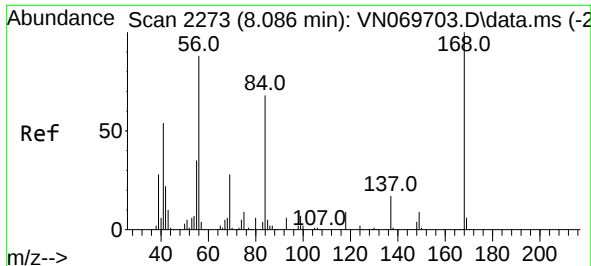
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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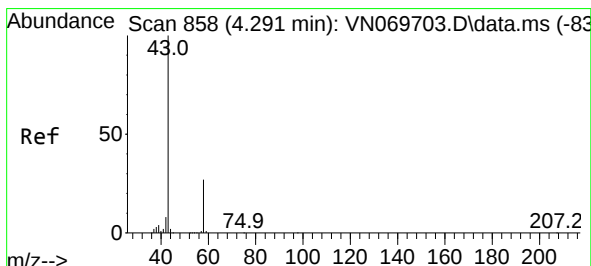
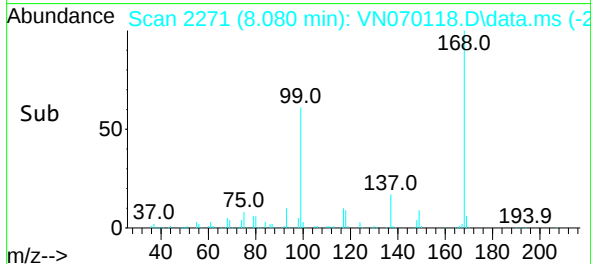
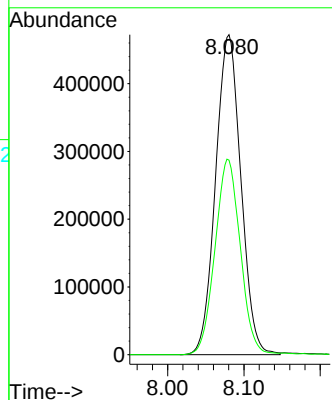
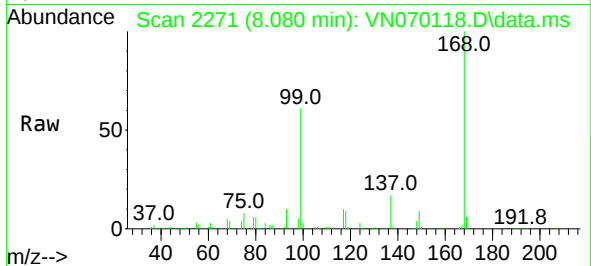




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

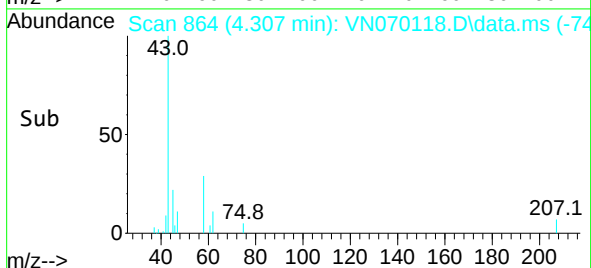
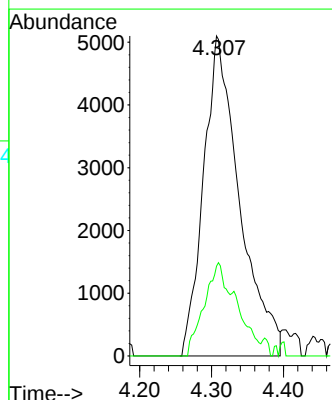
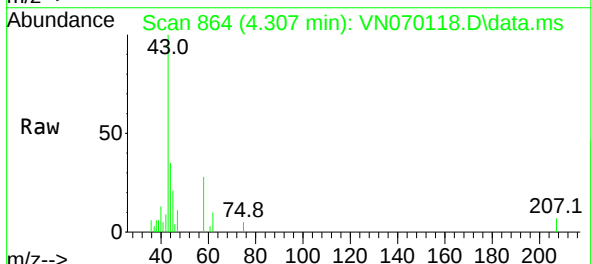
Instrument :
MSVOA_N
ClientSampleId :
TR-04-121021ME

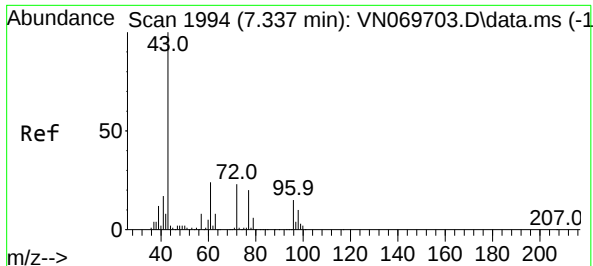
Tgt Ion:168 Resp: 1090482
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9



#16
Acetone
Concen: 1.752 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.016 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

Tgt Ion: 43 Resp: 17745
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7





#25

2-Butanone

Concen: 11.349 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.014 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

Instrument :

MSVOA_N

ClientSampleId :

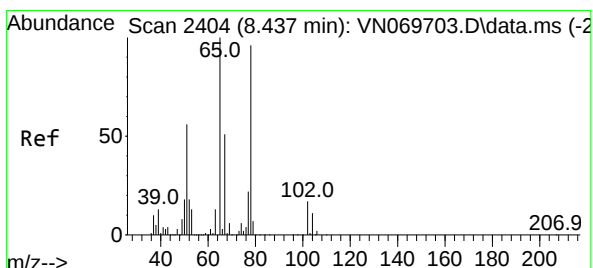
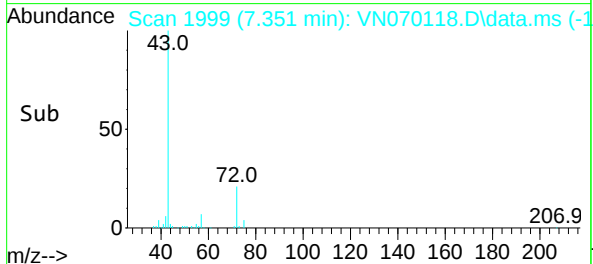
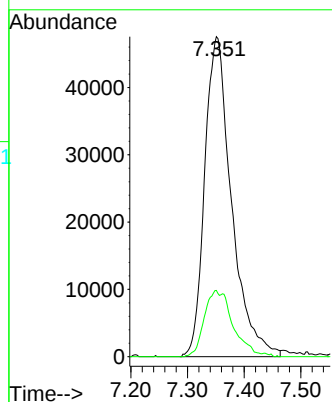
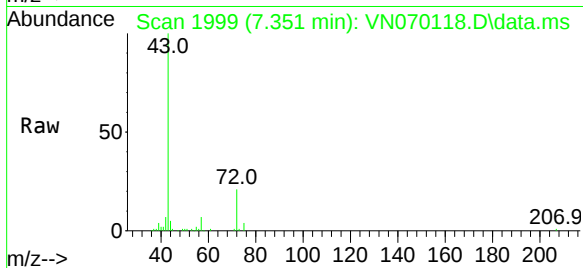
TR-04-121021ME

Tgt Ion: 43 Resp: 156178

Ion Ratio Lower Upper

43 100

72 20.7 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 52.955 ug/l

RT: 8.432 min Scan# 2402

Delta R.T. -0.005 min

Lab File: VN070118.D

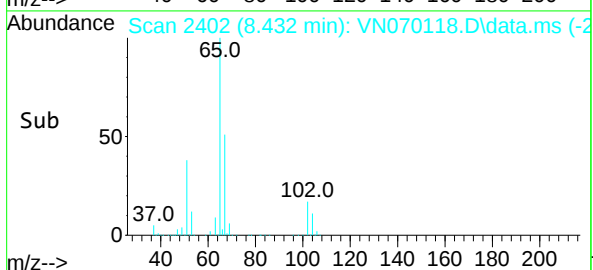
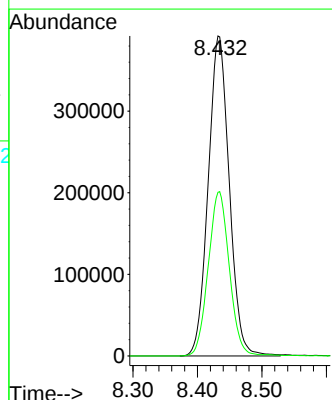
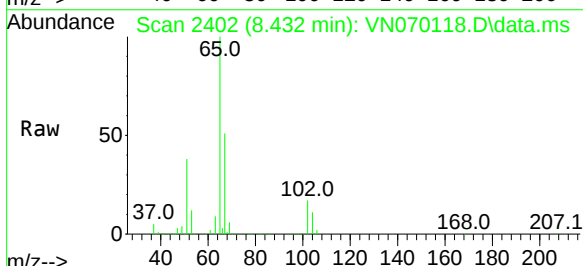
Acq: 15 Dec 2021 18:00

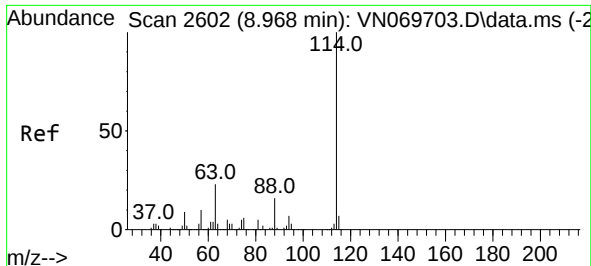
Tgt Ion: 65 Resp: 891606

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0

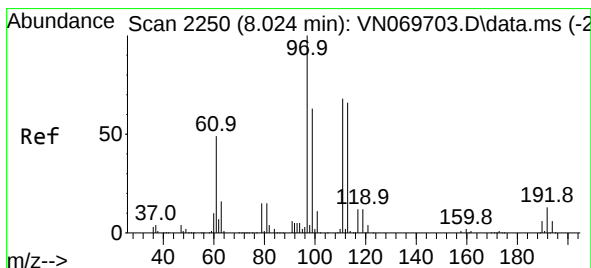
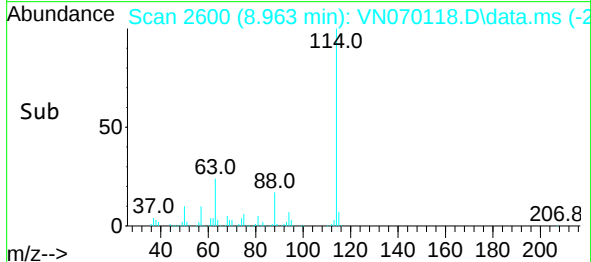
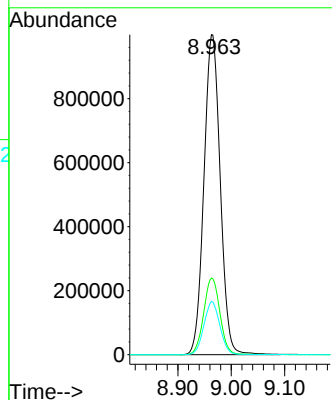
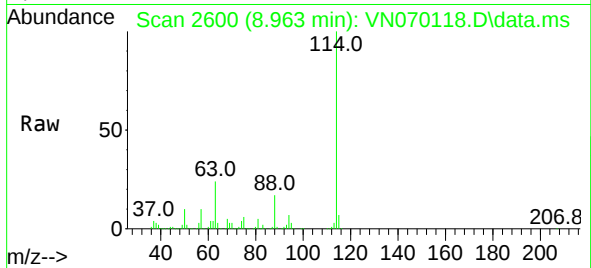




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 2119365
Delta R.T. -0.005 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

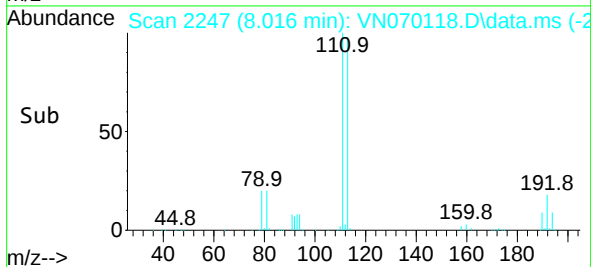
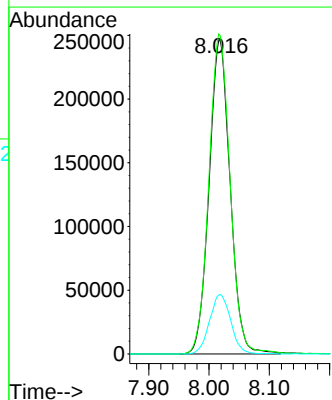
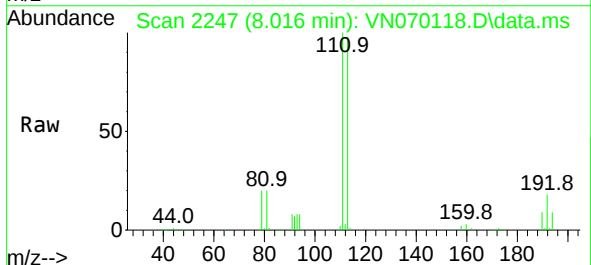
Instrument :
MSVOA_N
ClientSampleId :
TR-04-121021ME

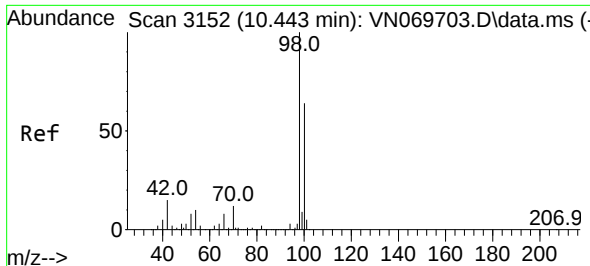
Tgt Ion:114 Resp: 2119365
Ion Ratio Lower Upper
114 100
63 23.9 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 45.066 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

Tgt Ion:113 Resp: 598259
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.0 16.9 25.3

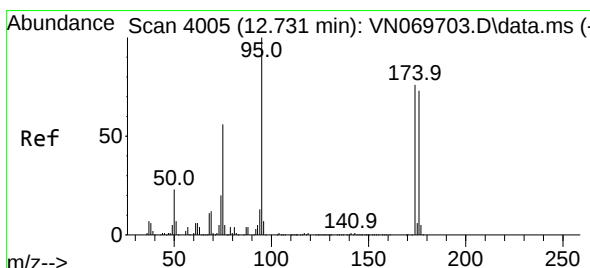
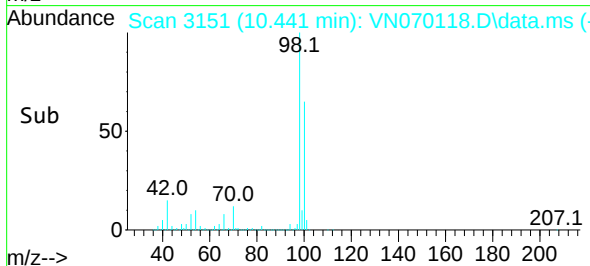
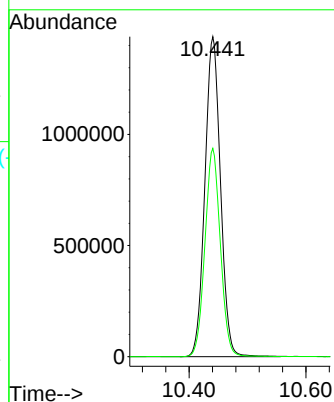
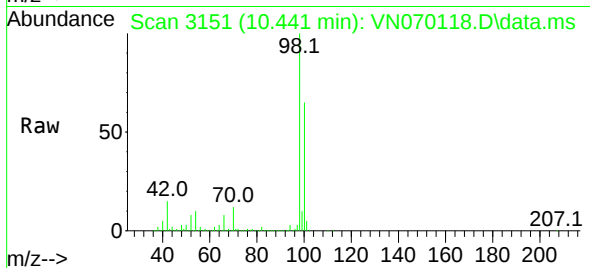




#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

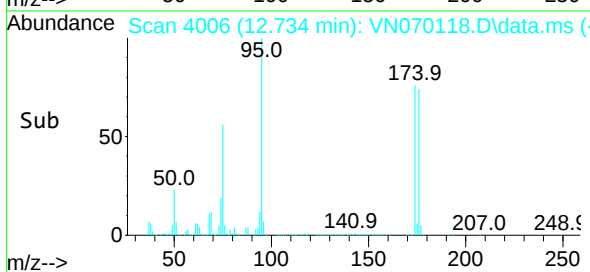
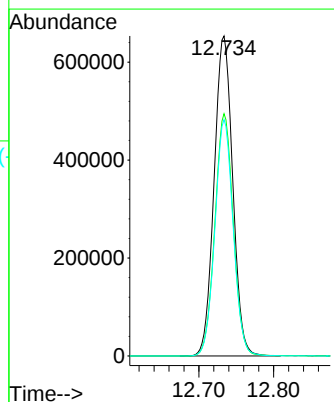
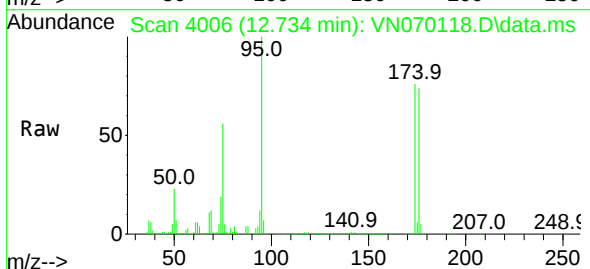
Instrument :
MSVOA_N
ClientSampleId :
TR-04-121021ME

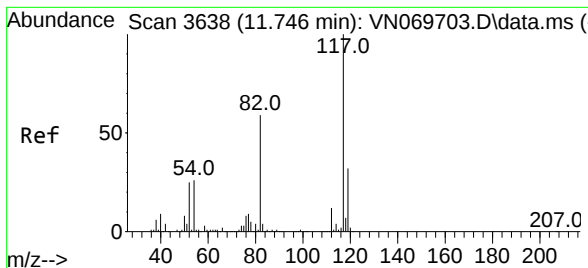
Tgt Ion: 98 Resp: 2670583
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 58.424 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070118.D
Acq: 15 Dec 2021 18:00

Tgt Ion: 95 Resp: 1128232
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.6 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.747 min Scan# 3638

Delta R.T. 0.001 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

Instrument :

MSVOA_N

ClientSampleId :

TR-04-121021ME

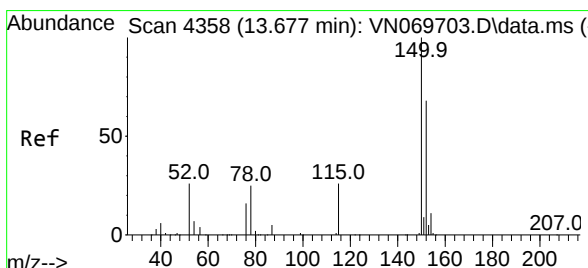
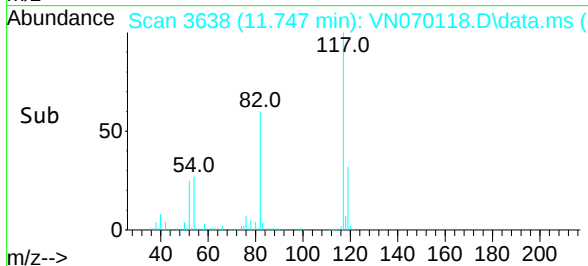
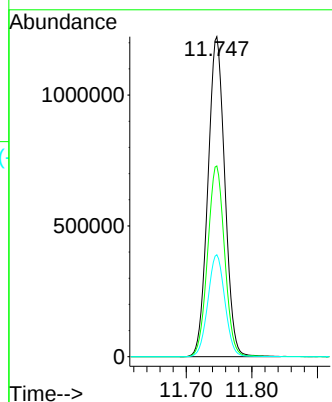
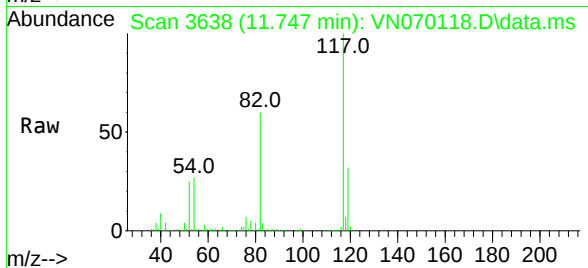
Tgt Ion:117 Resp: 2193266

Ion Ratio Lower Upper

117 100

82 59.6 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. -0.002 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

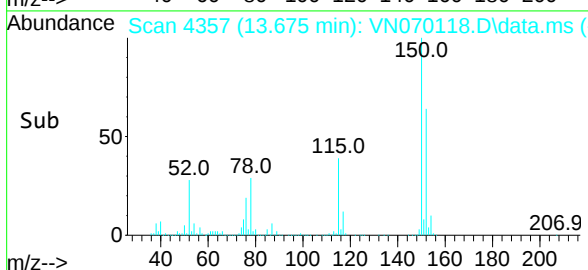
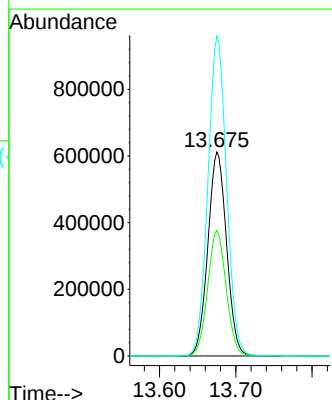
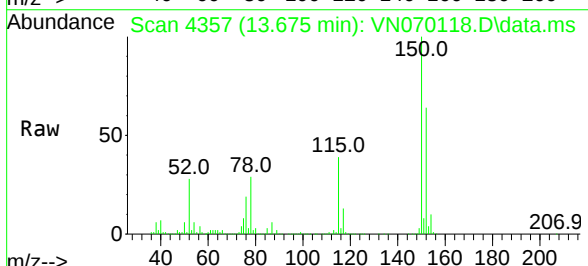
Tgt Ion:152 Resp: 1042123

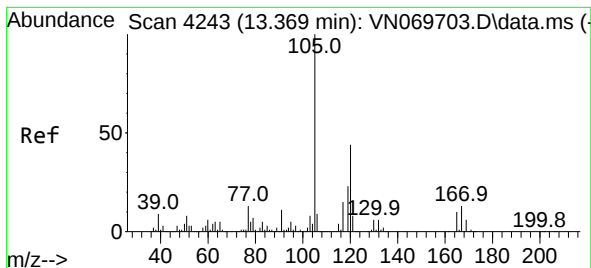
Ion Ratio Lower Upper

152 100

115 60.7 27.5 82.5

150 156.1 0.0 344.4





#84

1,2,4-Trimethylbenzene

Concen: 0.245 ug/l

RT: 13.367 min Scan# 41

Delta R.T. -0.002 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

Instrument :

MSVOA_N

ClientSampleId :

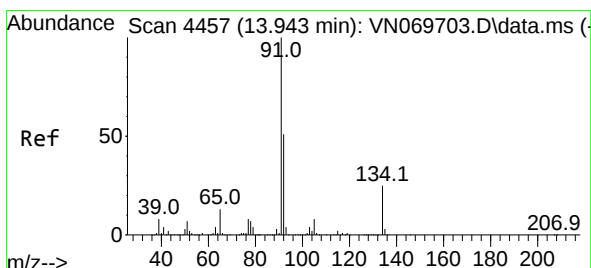
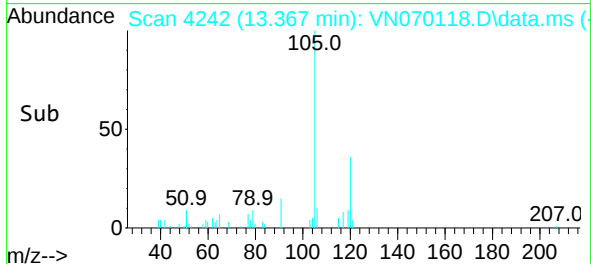
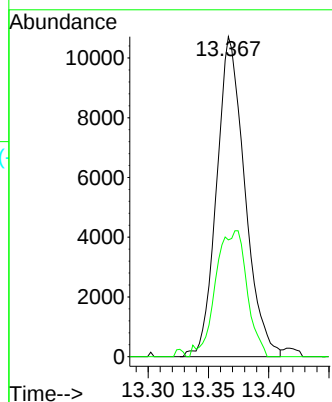
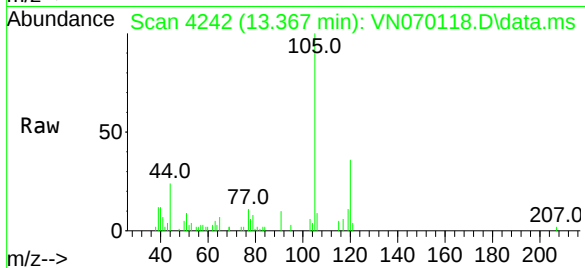
TR-04-121021ME

Tgt Ion:105 Resp: 17407

Ion Ratio Lower Upper

105 100

120 43.8 22.8 68.4



#89

n-Butylbenzene

Concen: 0.360 ug/l

RT: 13.943 min Scan# 4457

Delta R.T. 0.000 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

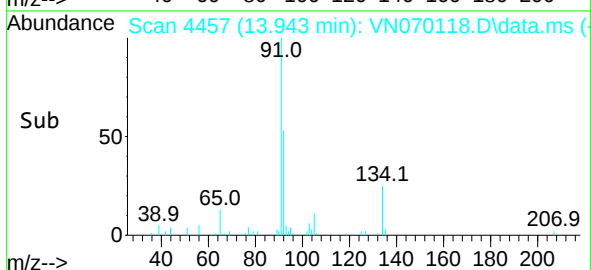
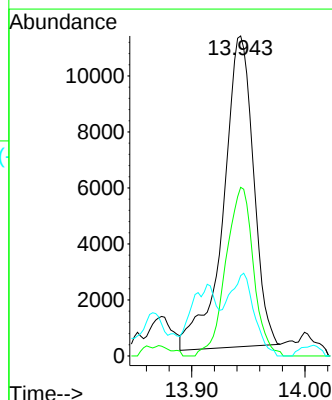
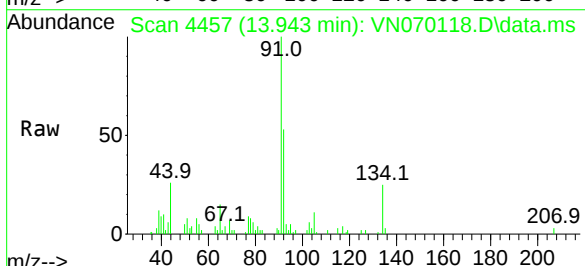
Tgt Ion: 91 Resp: 20479

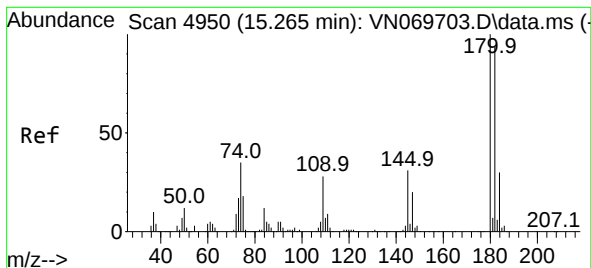
Ion Ratio Lower Upper

91 100

92 49.7 25.4 76.0

134 22.0 13.6 40.8





#93

1,2,4-Trichlorobenzene

Concen: 3.524 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

Instrument :

MSVOA_N

ClientSampleId :

TR-04-121021ME

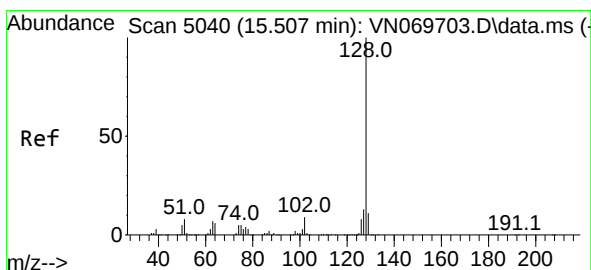
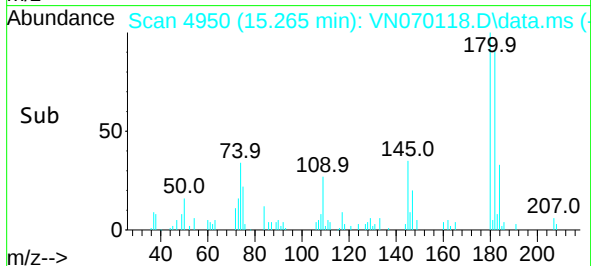
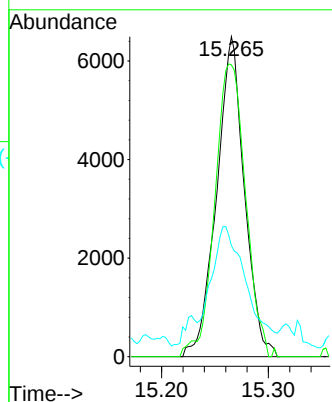
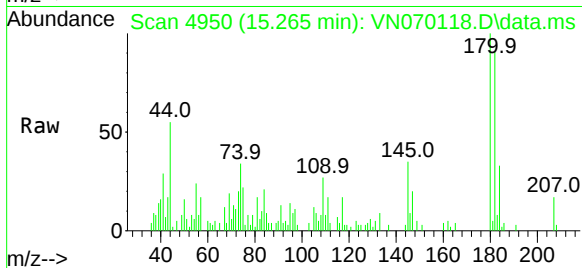
Tgt Ion:180 Resp: 11723

Ion Ratio Lower Upper

180 100

182 101.2 48.3 144.9

145 41.6 14.5 43.5



#95

Naphthalene

Concen: 5.080 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070118.D

Acq: 15 Dec 2021 18:00

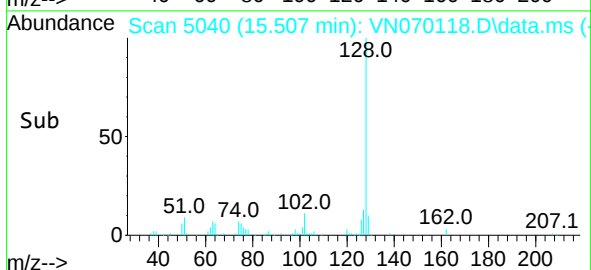
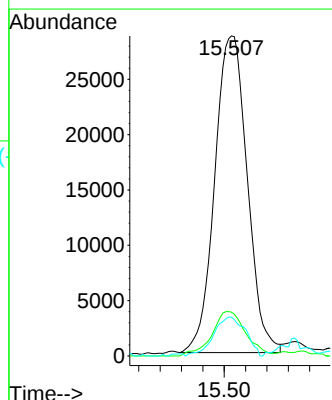
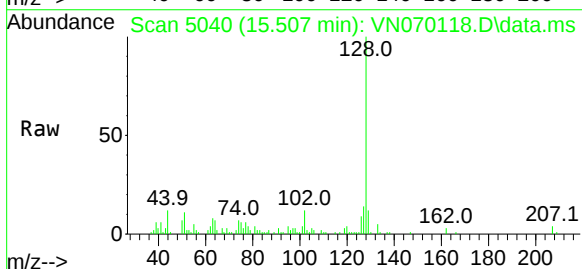
Tgt Ion:128 Resp: 60581

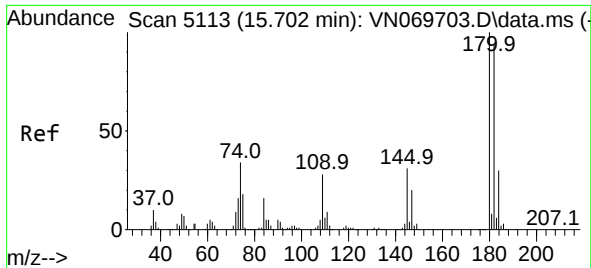
Ion Ratio Lower Upper

128 100

127 14.6 10.5 15.7

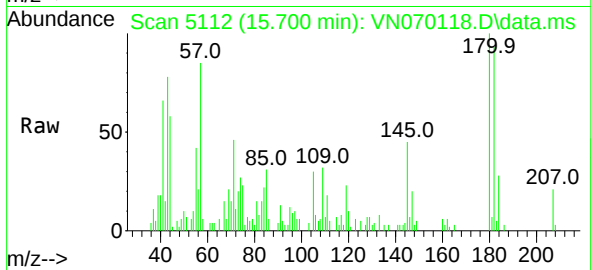
129 12.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.235 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.002 min
 Lab File: VN070118.D
 Acq: 15 Dec 2021 18:00

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-04-121021ME



Tgt Ion:180 Resp: 14002
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.4 142.2
 145 57.2 15.0 45.1#

