

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070462.D
 Acq On : 4 Jan 2022 14:36
 Operator : JC/MD
 Sample : M5234-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-23-21

Quant Time: Jan 05 03:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

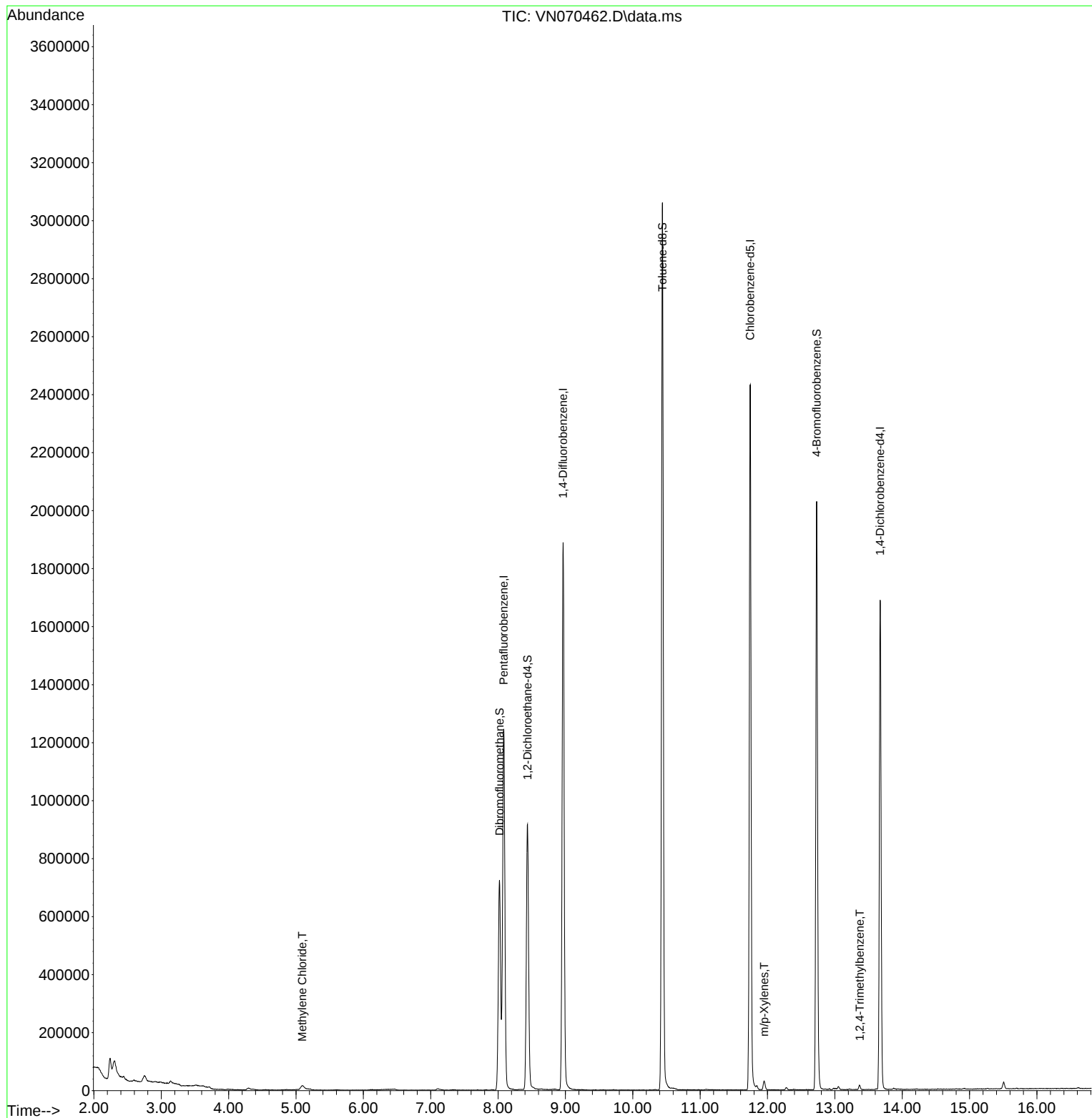
Internal Standards						
1) Pentafluorobenzene	8.083	168	971668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1650625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1399587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	475357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	781629	55.948	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	111.900%
35) Dibromofluoromethane	8.021	113	540514	54.121	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	108.240%
50) Toluene-d8	10.440	98	2147256	52.631	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.260%
62) 4-Bromofluorobenzene	12.731	95	744803	50.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.080%
Target Compounds						
						Qvalue
20) Methylene Chloride	5.093	84	9823	0.783	ug/l	95
68) m/p-Xylenes	11.950	106	10223	0.516	ug/l	89
84) 1,2,4-Trimethylbenzene	13.369	105	9931	0.292	ug/l	94

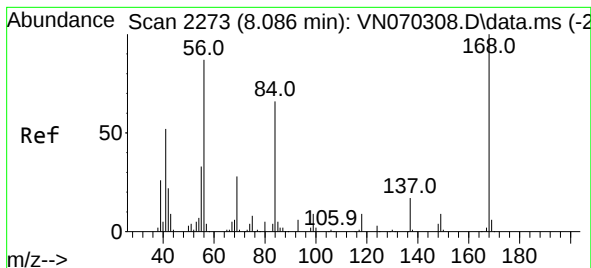
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

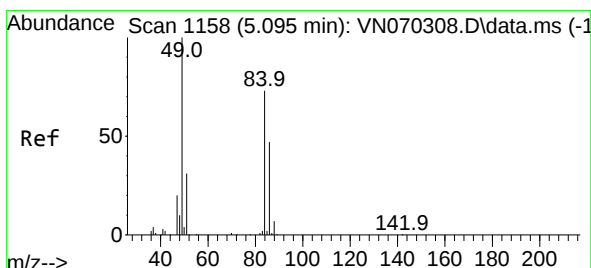
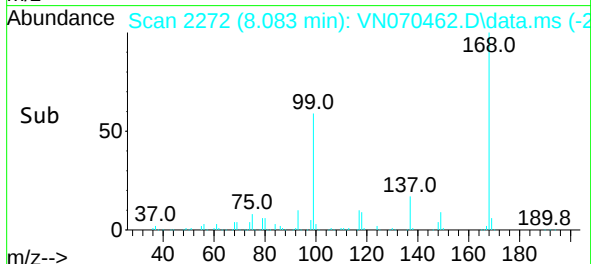
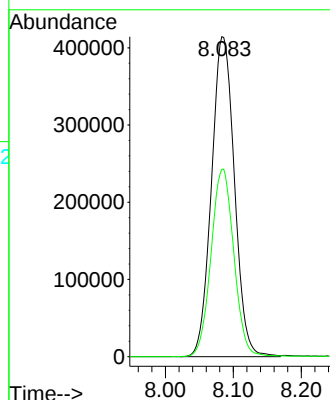
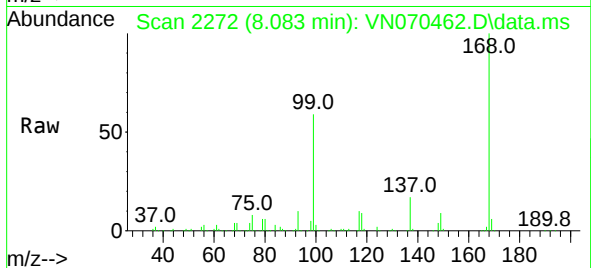
TB-12-23-21

Tgt Ion:168 Resp: 971668

Ion Ratio Lower Upper

168 100

99 58.5 41.3 61.9



#20

Methylene Chloride

Concen: 0.783 ug/l

RT: 5.093 min Scan# 1157

Delta R.T. -0.002 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

Tgt Ion: 84 Resp: 9823

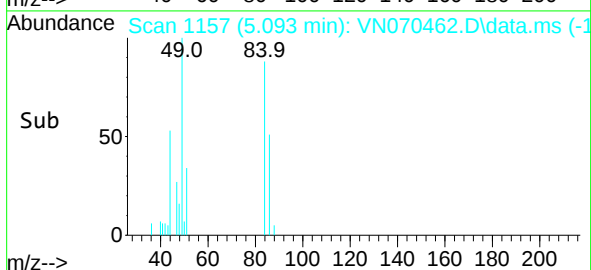
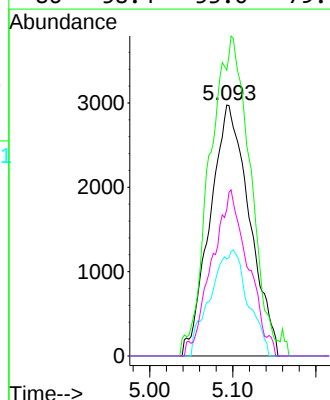
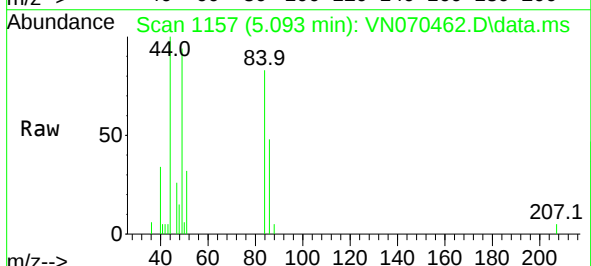
Ion Ratio Lower Upper

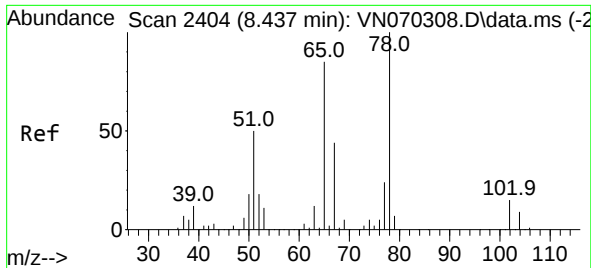
84 100

49 113.9 93.5 140.3

51 38.7 29.4 44.2

86 58.4 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 55.948 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

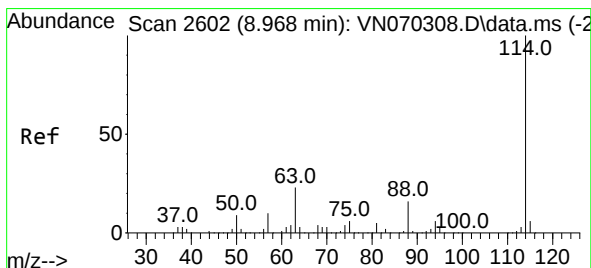
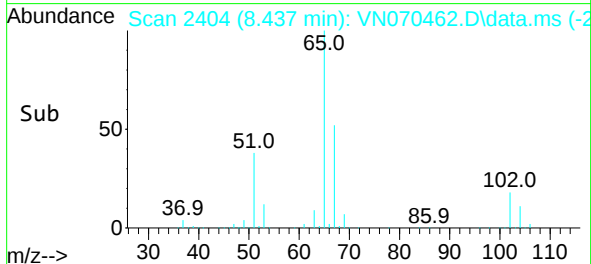
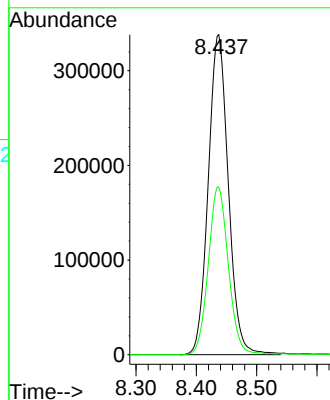
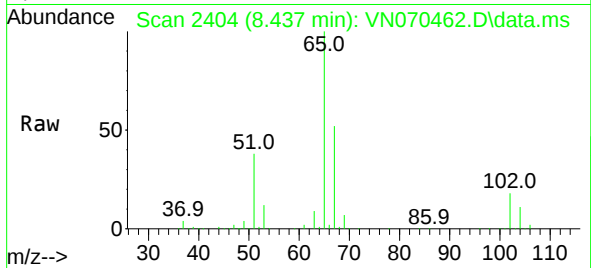
TB-12-23-21

Tgt Ion: 65 Resp: 781629

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

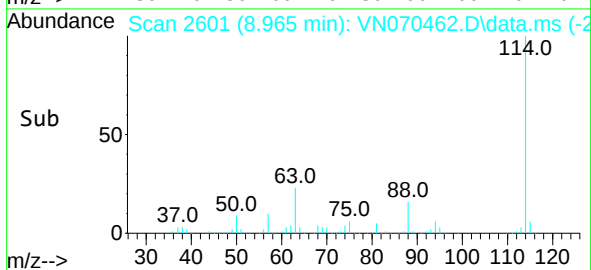
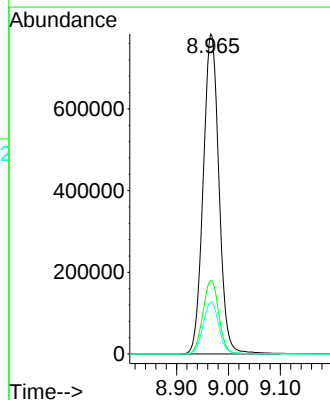
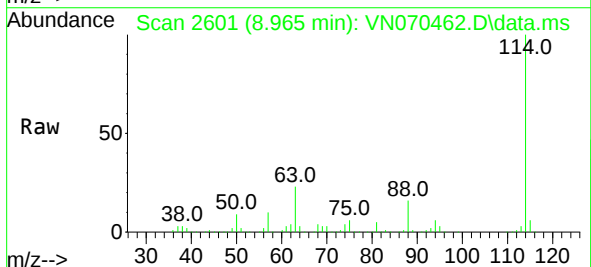
Tgt Ion: 114 Resp: 1650625

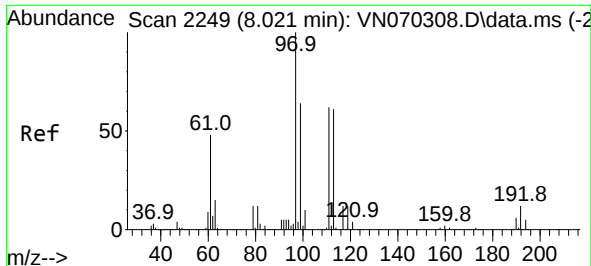
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 16.2 0.0 27.4

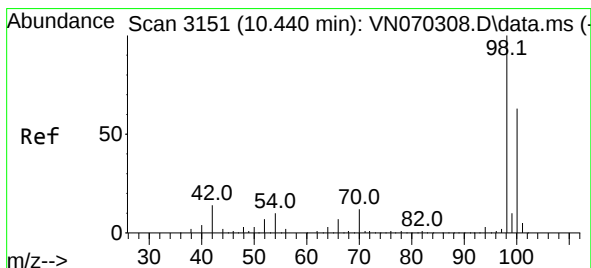
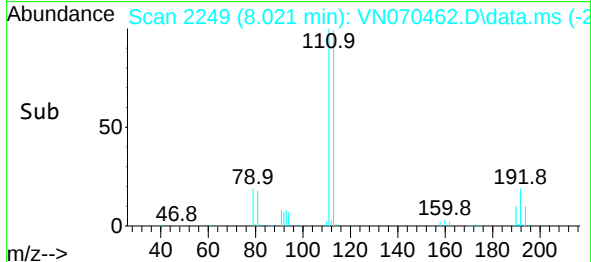
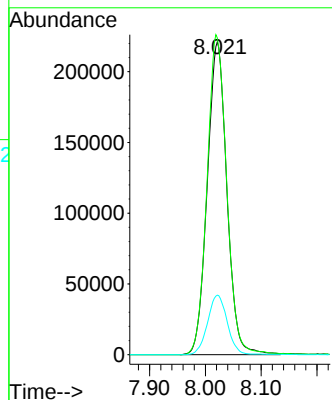
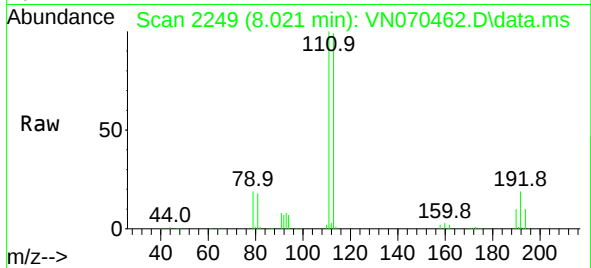




#35
Dibromofluoromethane
Concen: 54.121 ug/l
RT: 8.021 min Scan# 211
Delta R.T. 0.000 min
Lab File: VN070462.D
Acq: 4 Jan 2022 14:36

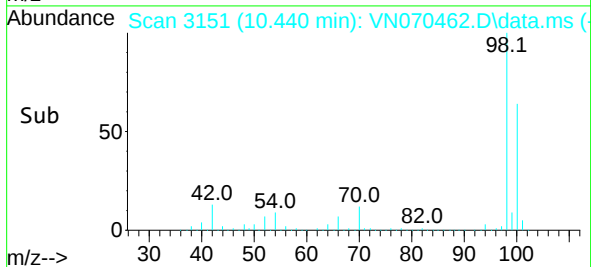
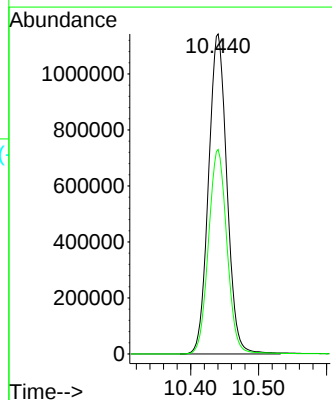
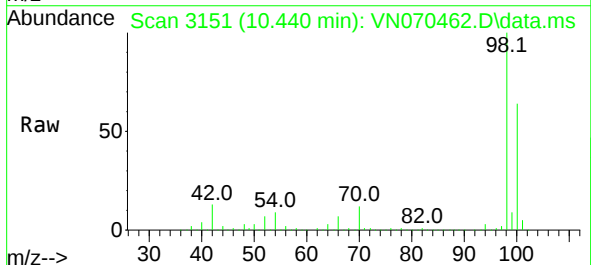
Instrument :
MSVOA_N
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TB-12-23-21

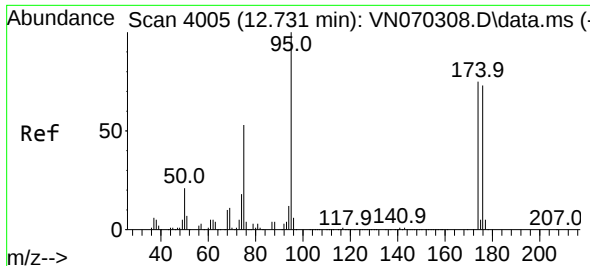
Tgt Ion:113 Resp: 540514
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 52.631 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070462.D
Acq: 4 Jan 2022 14:36

Tgt Ion: 98 Resp: 2147256
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

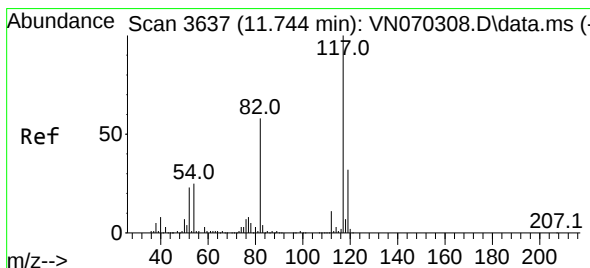
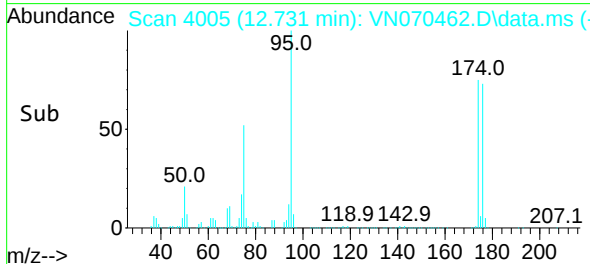
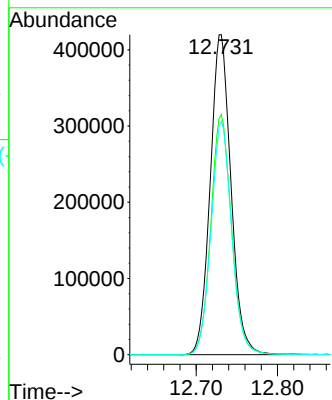
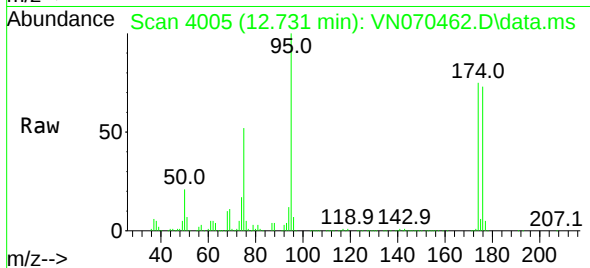




#62
4-Bromofluorobenzene
Concen: 50.545 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070462.D
Acq: 4 Jan 2022 14:36

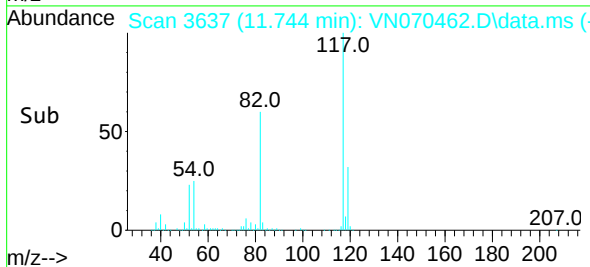
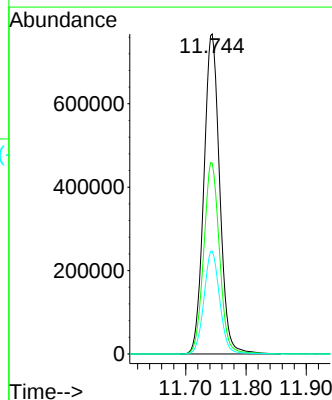
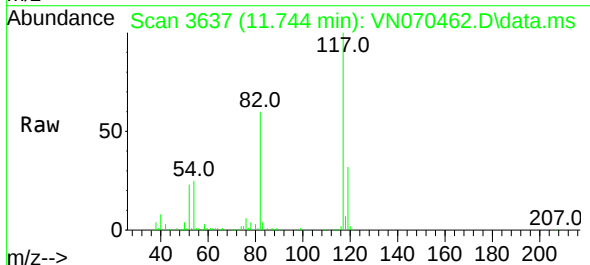
Instrument :
MSVOA_N
ClientSampleId :
TB-12-23-21

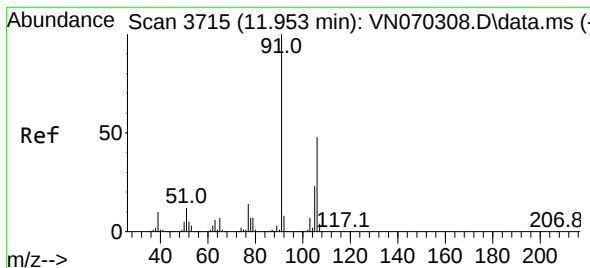
Tgt Ion: 95 Resp: 744803
Ion Ratio Lower Upper
95 100
174 75.0 0.0 187.2
176 72.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070462.D
Acq: 4 Jan 2022 14:36

Tgt Ion: 117 Resp: 1399587
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 32.1 25.4 38.2





#68

m/p-Xylenes

Concen: 0.516 ug/l

RT: 11.950 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

Instrument :

MSVOA_N

ClientSampleId :

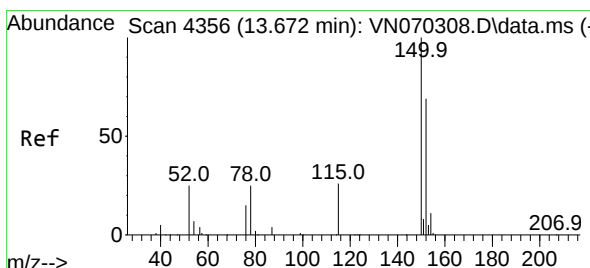
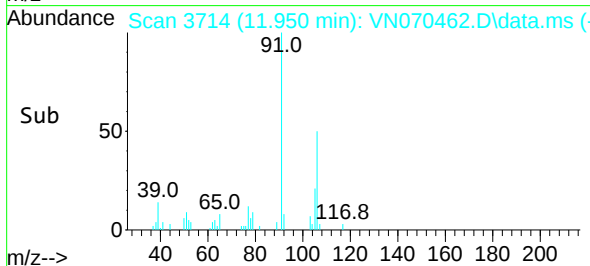
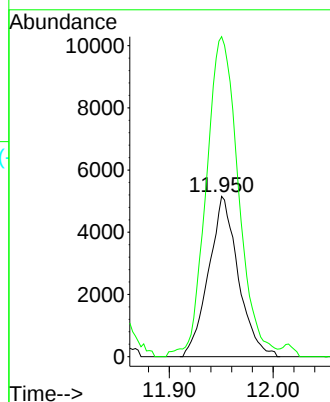
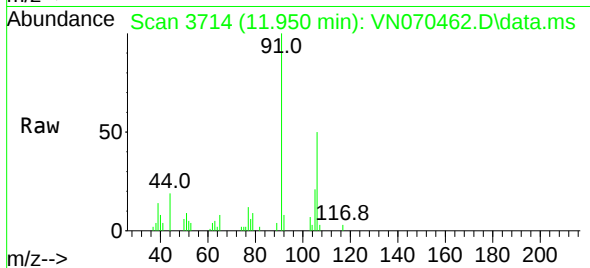
TB-12-23-21

Tgt Ion:106 Resp: 10223

Ion Ratio Lower Upper

106 100

91 217.0 160.6 240.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.672 min Scan# 4356

Delta R.T. 0.000 min

Lab File: VN070462.D

Acq: 4 Jan 2022 14:36

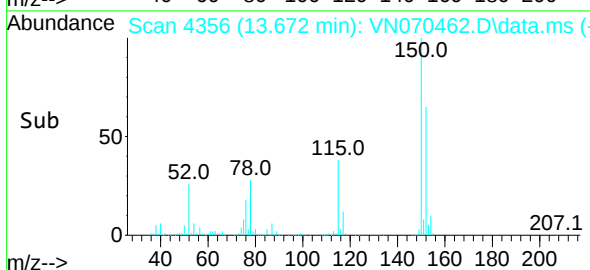
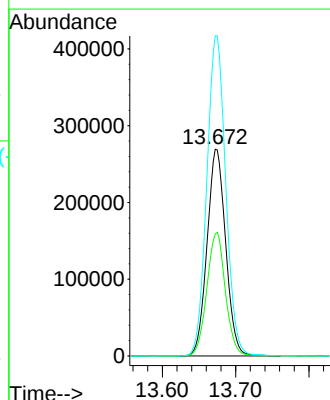
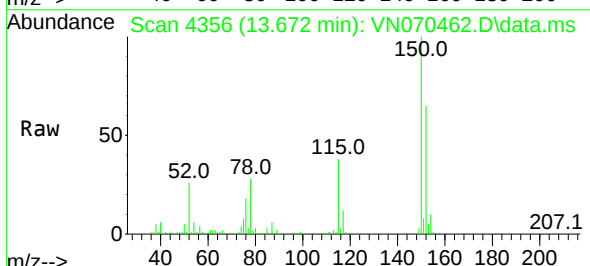
Tgt Ion:152 Resp: 475357

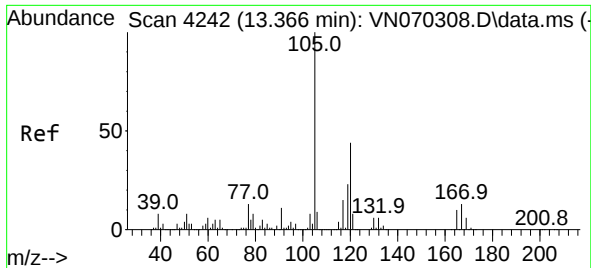
Ion Ratio Lower Upper

152 100

115 59.4 27.5 82.5

150 157.4 0.0 344.4





#84
 1,2,4-Trimethylbenzene
 Concen: 0.292 ug/l
 RT: 13.369 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070462.D
 Acq: 4 Jan 2022 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-23-21

Tgt Ion:105 Resp: 9931
 Ion Ratio Lower Upper
 105 100
 120 41.9 22.8 68.4

