

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010622\
 Data File : VN070515.D
 Acq On : 6 Jan 2022 13:30
 Operator : JC/MD
 Sample : N1021-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID0122

Quant Time: Jan 08 01:37:53 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)

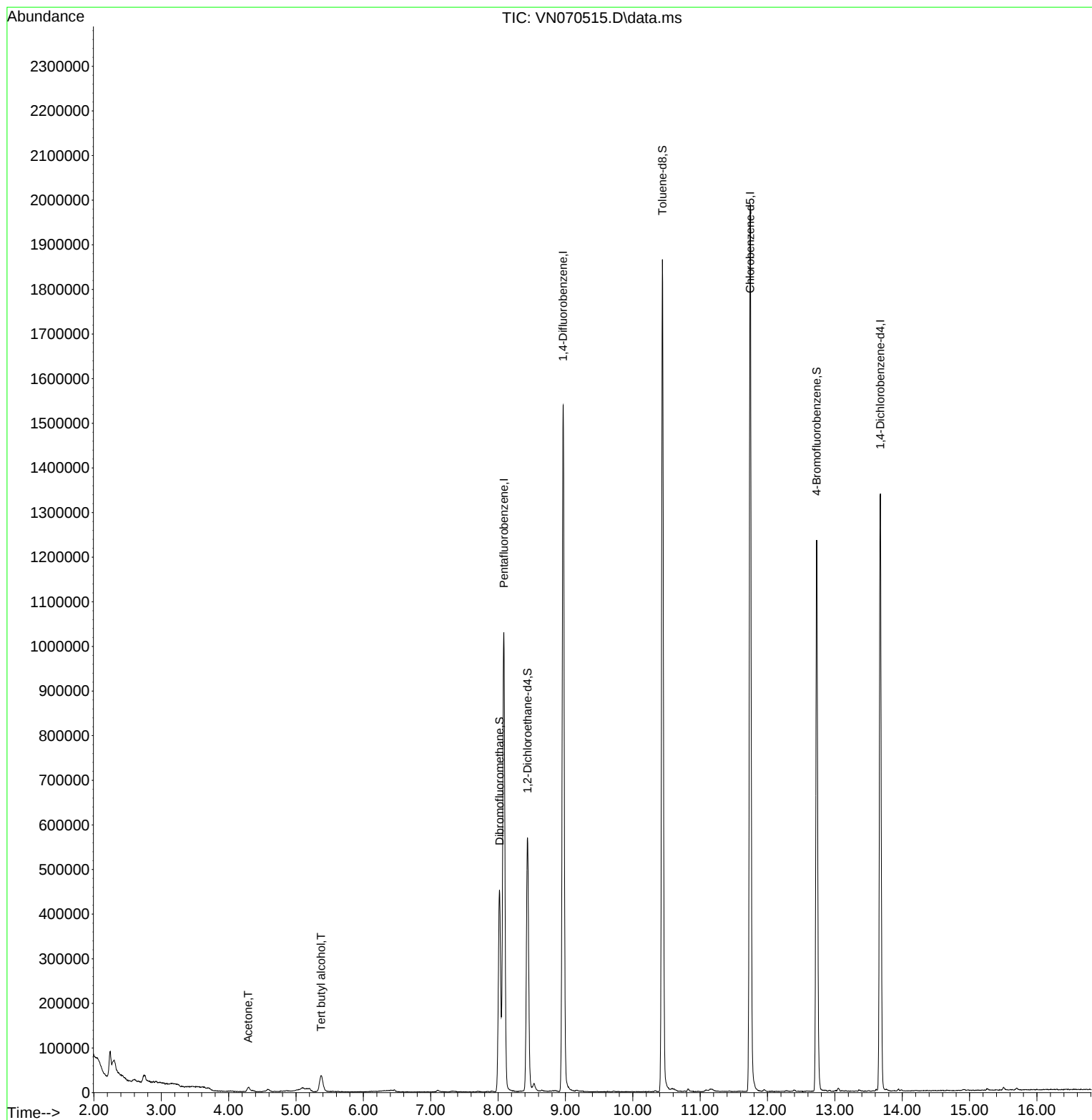
Internal Standards						
1) Pentafluorobenzene	8.086	168	795217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.966	114	1340060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1167916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	379312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	477485	41.761	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	83.520%
35) Dibromofluoromethane	8.021	113	338082	41.697	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	83.400%
50) Toluene-d8	10.441	98	1316922	39.760	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	79.520%
62) 4-Bromofluorobenzene	12.731	95	472988	39.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	79.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.372	59	65547	34.430	ug/l #	84
16) Acetone	4.291	43	12959	1.746	ug/l	95

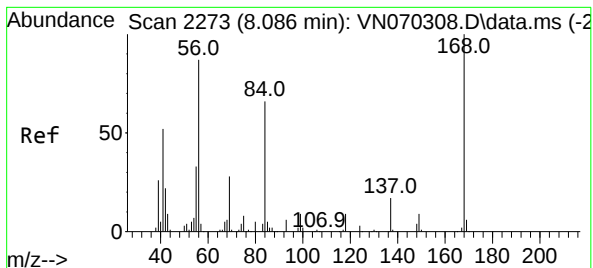
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

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MSVOA_N

ClientSampleId :

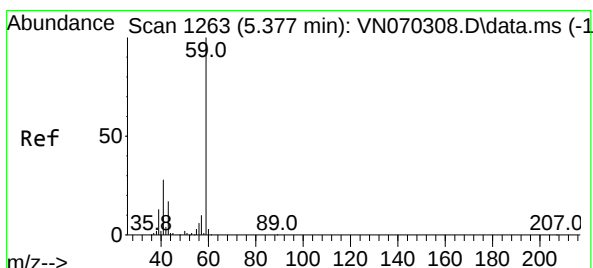
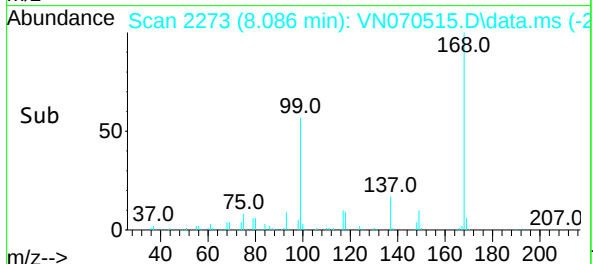
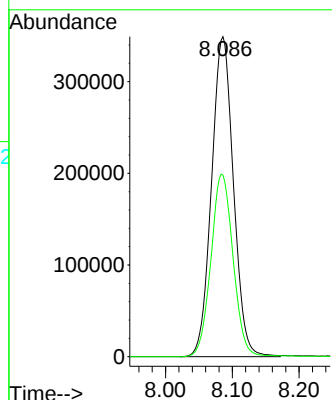
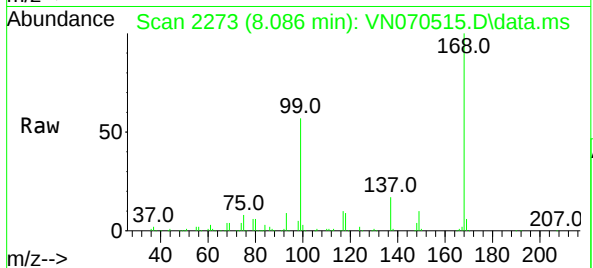
MID0122

Tgt Ion:168 Resp: 795217

Ion Ratio Lower Upper

168 100

99 56.8 41.3 61.9



#11

Tert butyl alcohol

Concen: 34.430 ug/l

RT: 5.372 min Scan# 1261

Delta R.T. -0.005 min

Lab File: VN070515.D

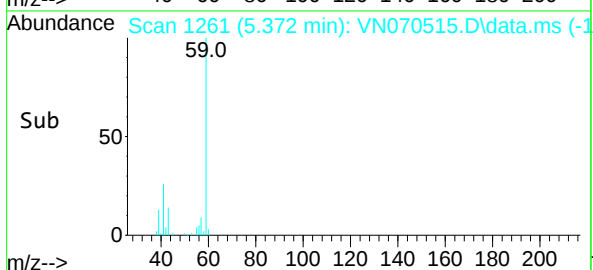
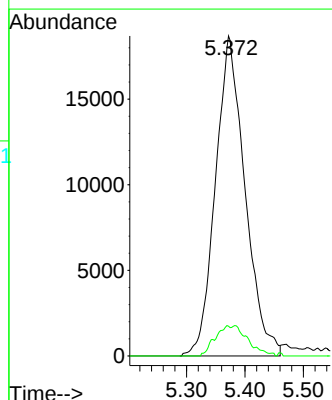
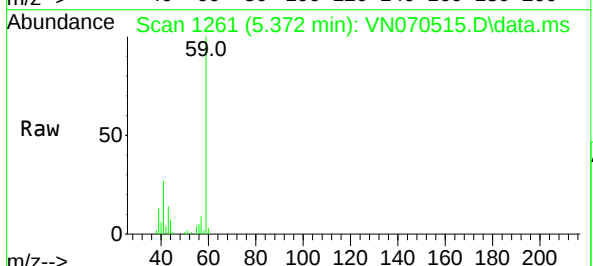
Acq: 6 Jan 2022 13:30

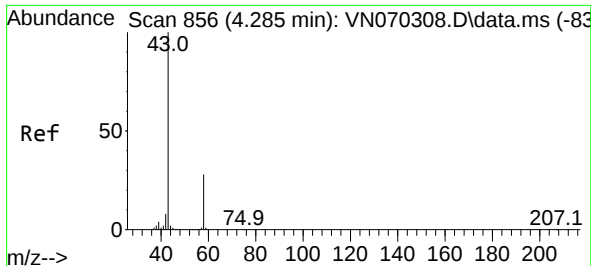
Tgt Ion: 59 Resp: 65547

Ion Ratio Lower Upper

59 100

57 4.9 8.7 13.1#

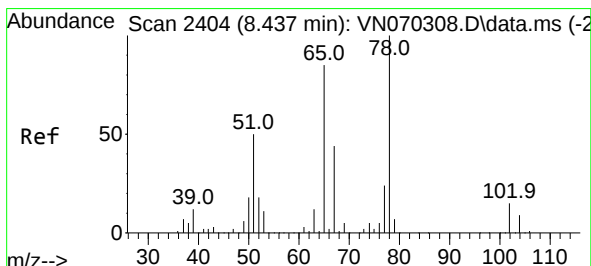
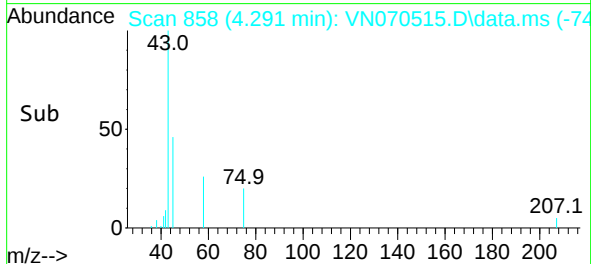
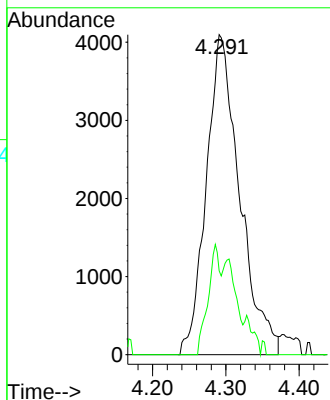
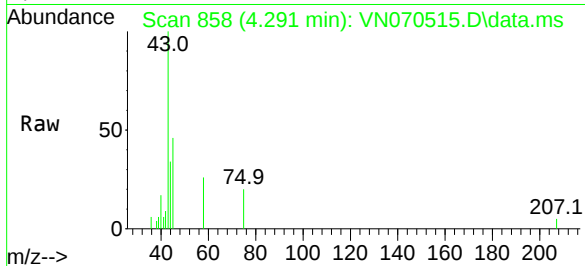




#16
Acetone
Concen: 1.746 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070515.D
Acq: 6 Jan 2022 13:30

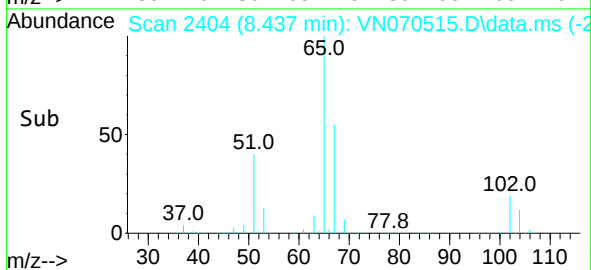
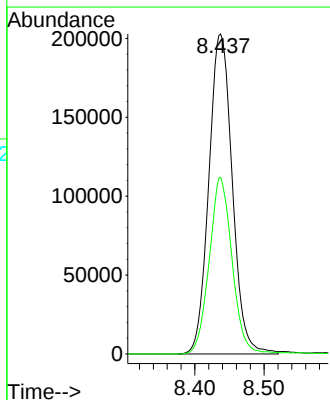
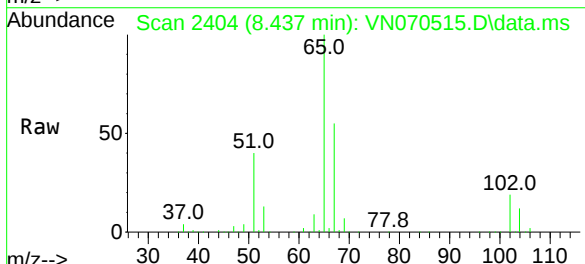
Instrument :
MSVOA_N
ClientSampleId :
MID0122

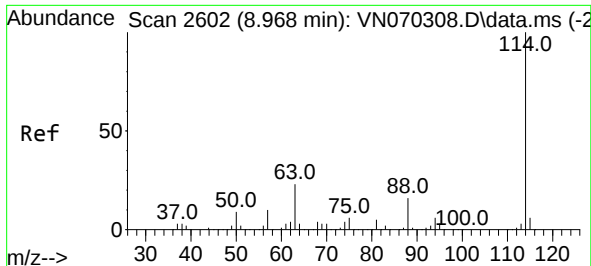
Tgt Ion: 43 Resp: 12959
Ion Ratio Lower Upper
43 100
58 26.2 23.1 34.7



#33
1,2-Dichloroethane-d4
Concen: 41.761 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070515.D
Acq: 6 Jan 2022 13:30

Tgt Ion: 65 Resp: 477485
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.966 min Scan# 2602

Delta R.T. -0.002 min

Lab File: VN070515.D

Acq: 6 Jan 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

MID0122

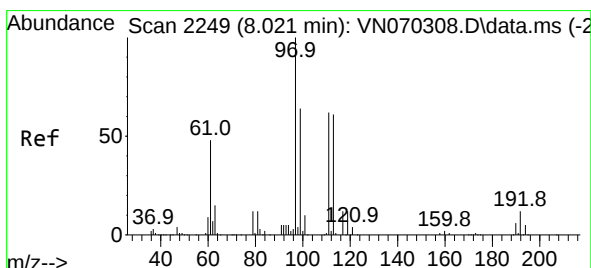
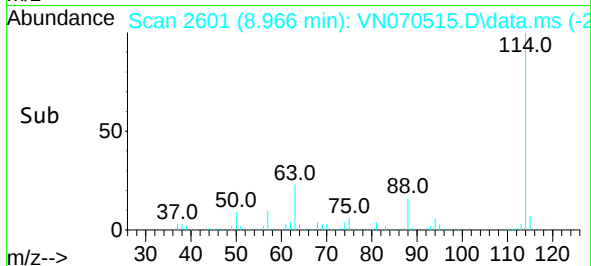
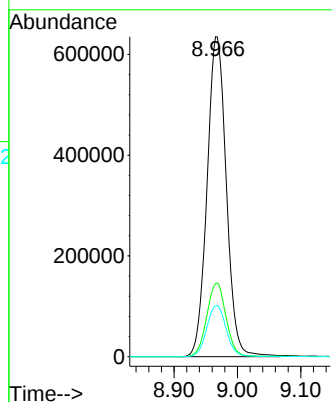
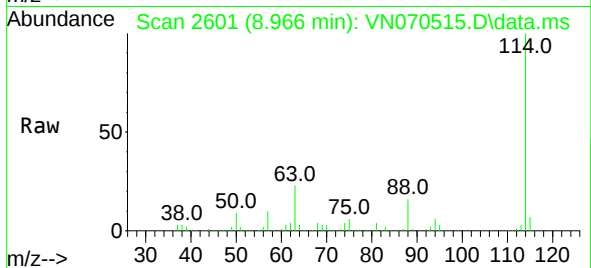
Tgt Ion:114 Resp: 1340060

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

88 15.9 0.0 27.4



#35

Dibromofluoromethane

Concen: 41.697 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070515.D

Acq: 6 Jan 2022 13:30

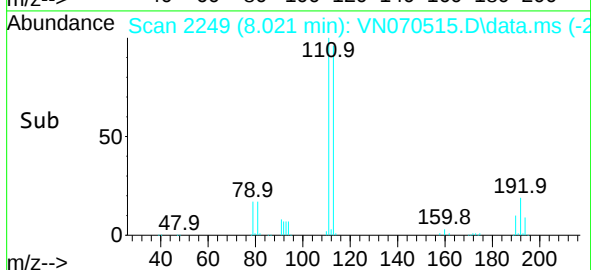
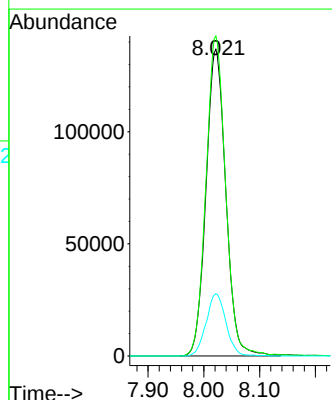
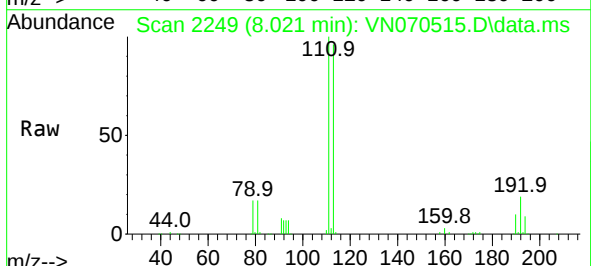
Tgt Ion:113 Resp: 338082

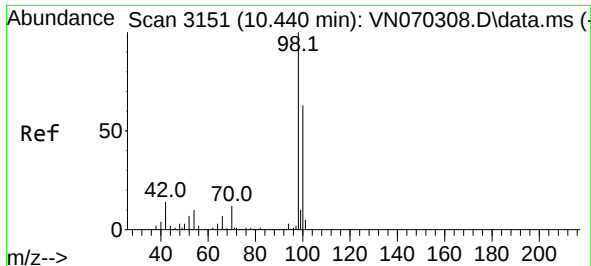
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.2 16.9 25.3

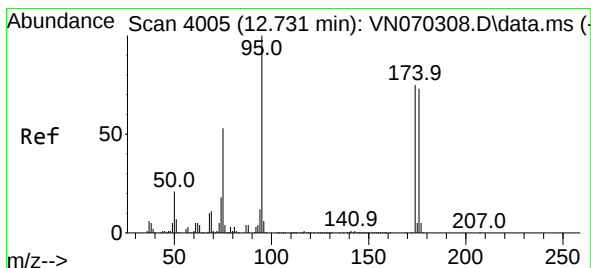
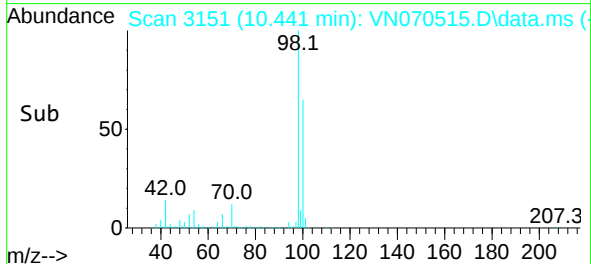
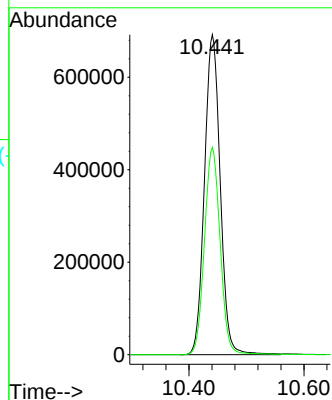
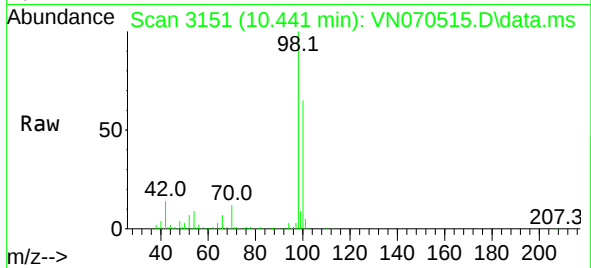




#50
Toluene-d8
Concen: 39.760 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070515.D
Acq: 6 Jan 2022 13:30

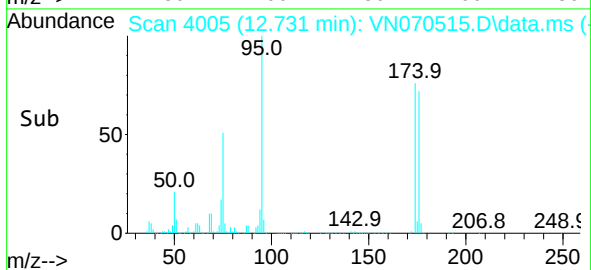
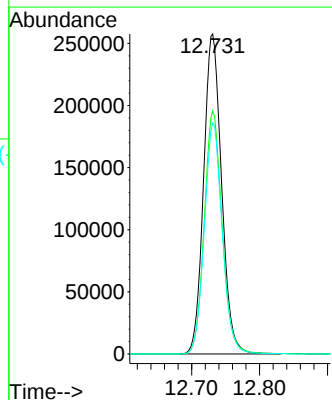
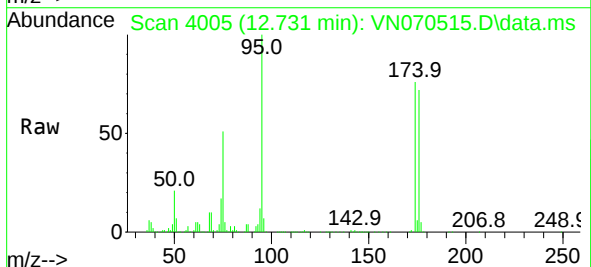
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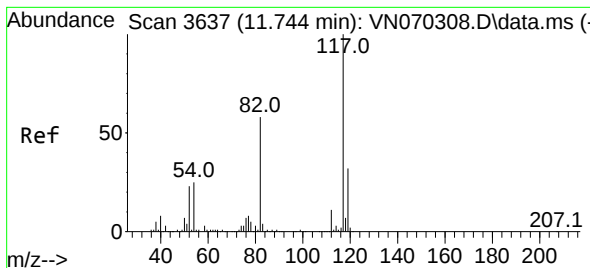
Tgt Ion: 98 Resp: 1316922
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 39.537 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070515.D
Acq: 6 Jan 2022 13:30

Tgt Ion: 95 Resp: 472988
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. 0.000 min

Lab File: VN070515.D

Acq: 6 Jan 2022 13:30

Instrument :

MSVOA_N

ClientSampleId :

MID0122

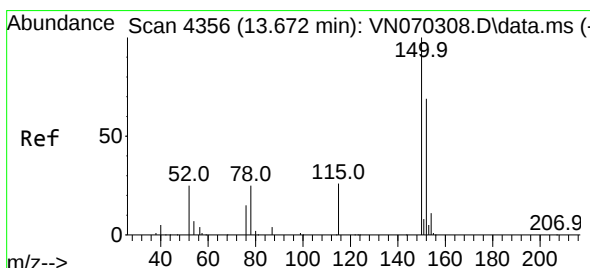
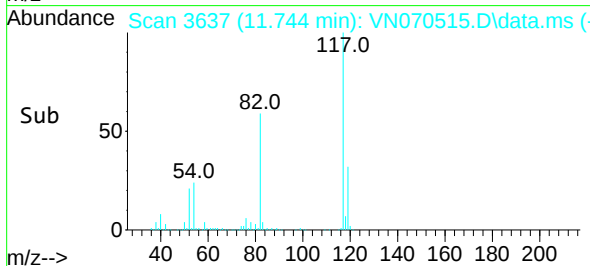
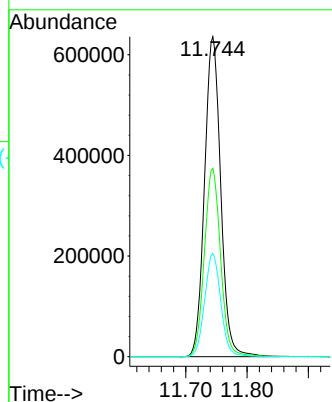
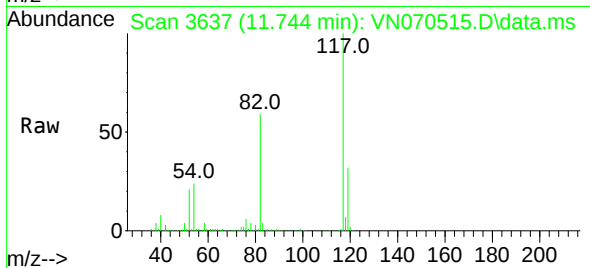
Tgt Ion:117 Resp: 1167916

Ion Ratio Lower Upper

117 100

82 58.8 42.4 63.6

119 32.2 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: VN070515.D

Acq: 6 Jan 2022 13:30

Tgt Ion:152 Resp: 379312

Ion Ratio Lower Upper

152 100

115 58.9 27.5 82.5

150 157.5 0.0 344.4

