

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070200.D
 Acq On : 18 Dec 2021 7:31
 Operator : JC/MD
 Sample : M5115-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6

Quant Time: Dec 19 07:25:27 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)

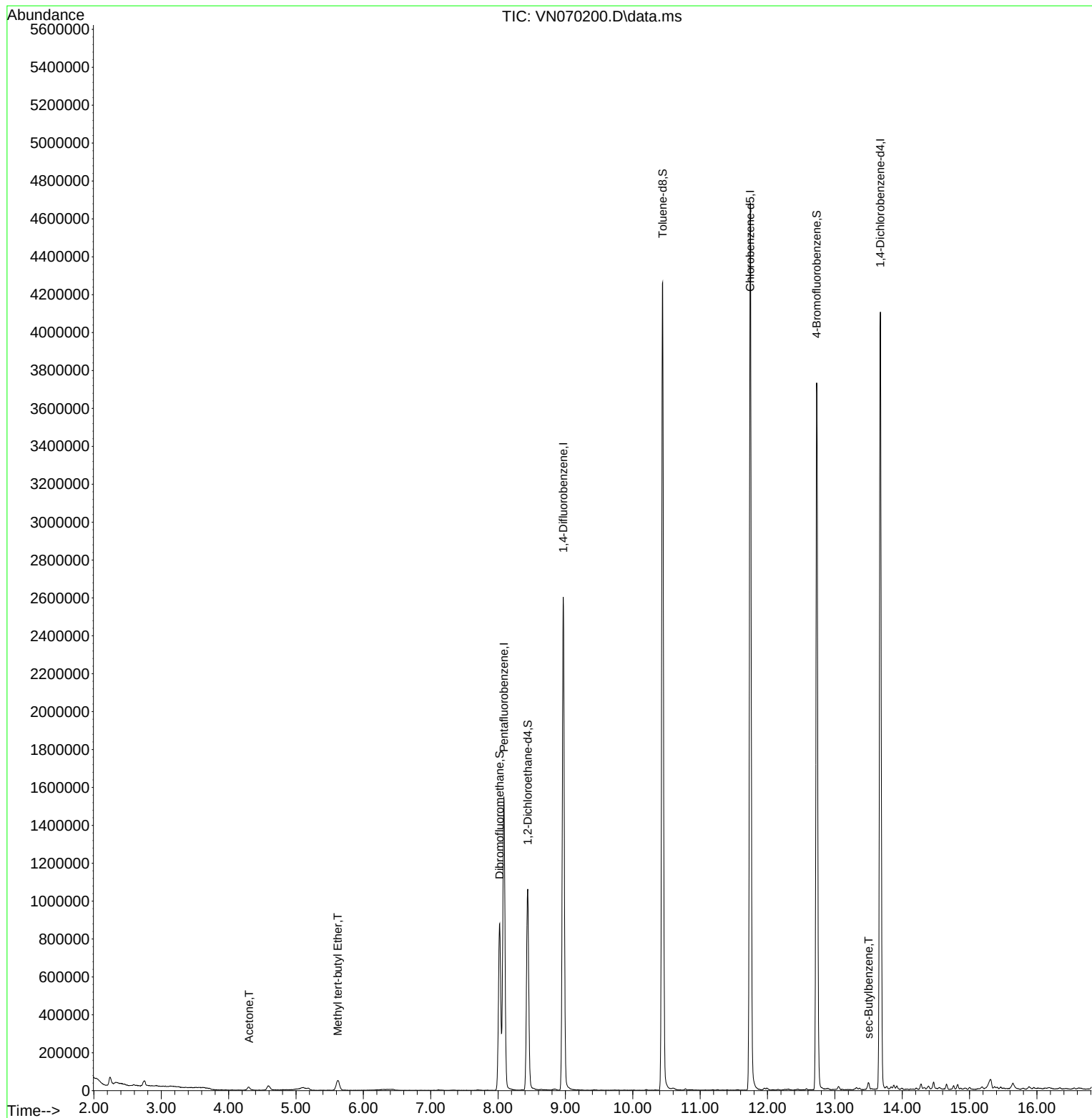
Internal Standards						
1) Pentafluorobenzene	8.086	168	1149871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2204528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2620390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1089505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	916016	51.595	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.180%
35) Dibromofluoromethane	8.024	113	641697	46.471	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.940%
50) Toluene-d8	10.443	98	2936630	52.963	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.731	95	1317342	65.582	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.160%
Target Compounds						
						Qvalue
16) Acetone	4.301	43	29013	2.717	ug/l	94
19) Methyl tert-butyl Ether	5.621	73	79140	1.858	ug/l	97
85) sec-Butylbenzene	13.501	105	24281	0.259	ug/l	97

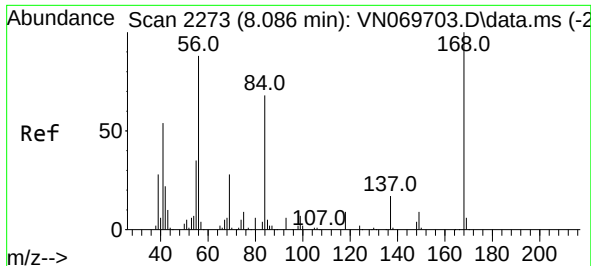
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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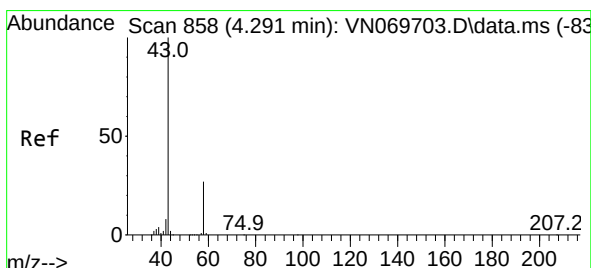
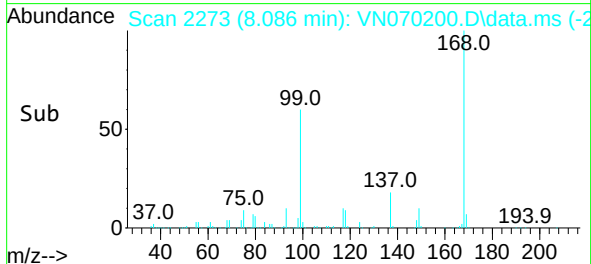
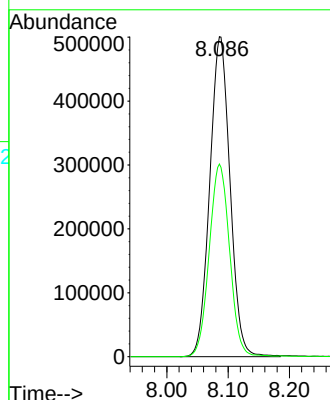
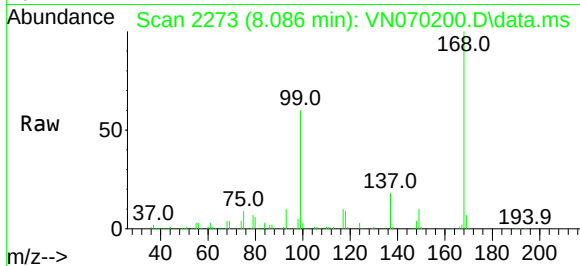




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

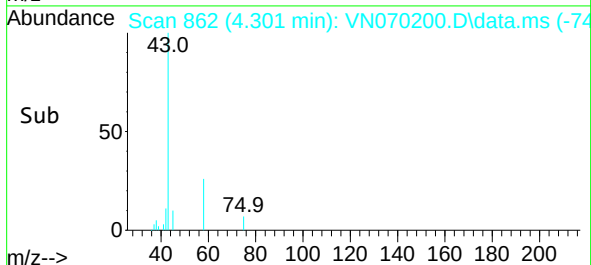
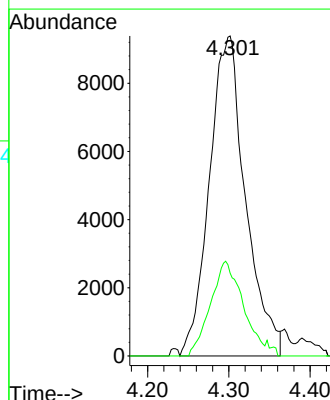
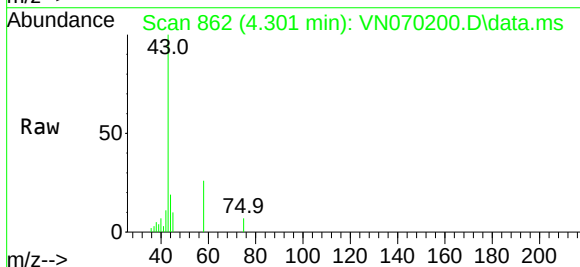
Instrument :
MSVOA_N
ClientSampleId :
MW-6

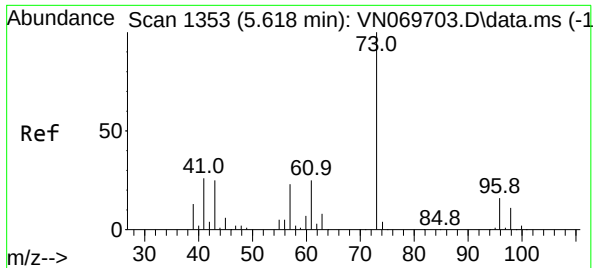
Tgt Ion:168 Resp: 1149871
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9



#16
Acetone
Concen: 2.717 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 43 Resp: 29013
Ion Ratio Lower Upper
43 100
58 25.9 23.1 34.7

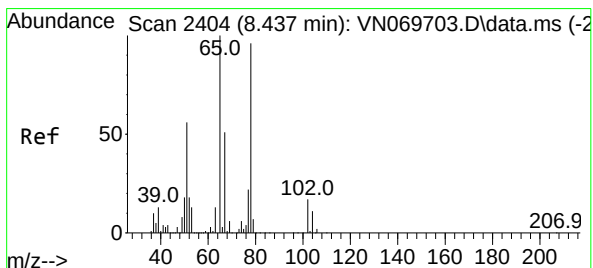
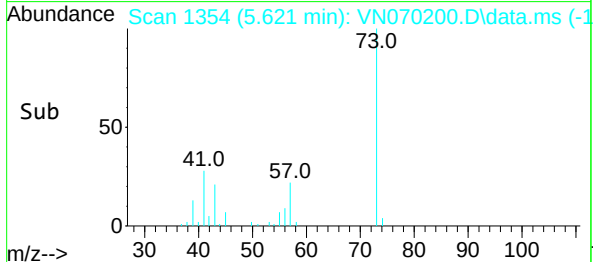
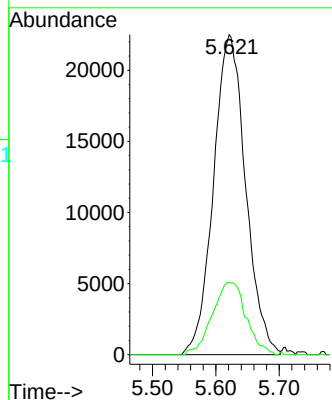
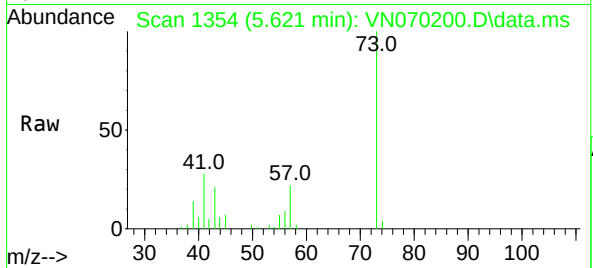




#19
Methyl tert-butyl Ether
Concen: 1.858 ug/l
RT: 5.621 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

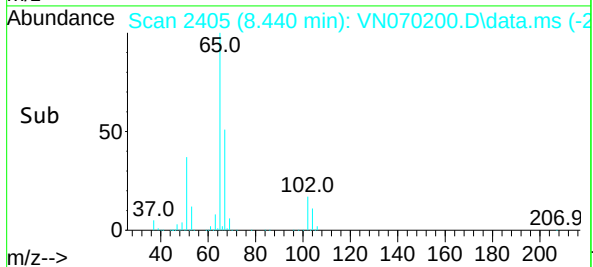
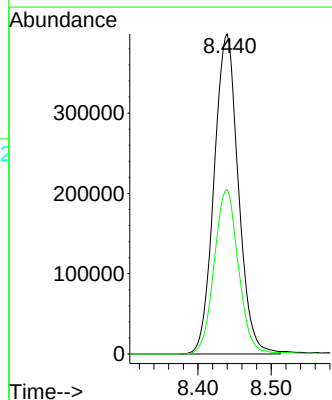
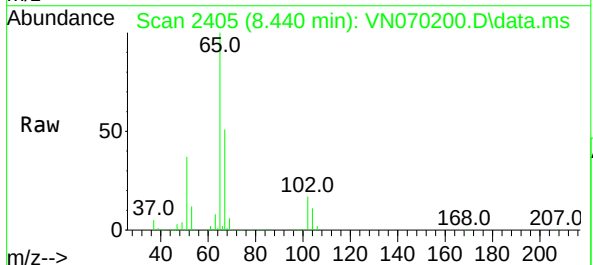
Instrument :
MSVOA_N
ClientSampleId :
MW-6

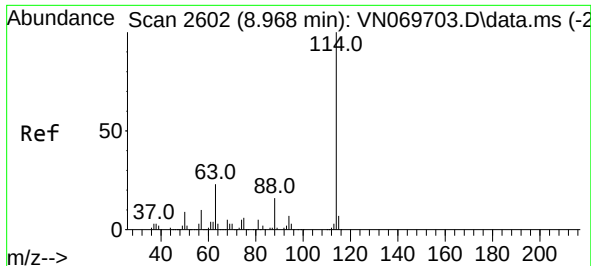
Tgt Ion: 73 Resp: 79140
Ion Ratio Lower Upper
73 100
57 22.5 16.8 25.2



#33
1,2-Dichloroethane-d4
Concen: 51.595 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 65 Resp: 916016
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.0

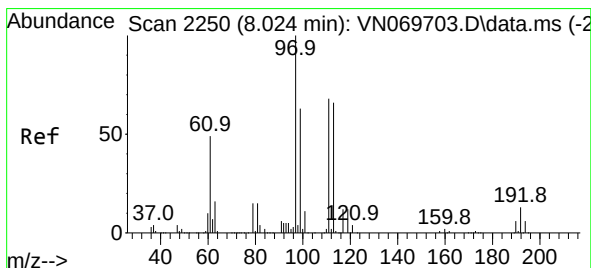
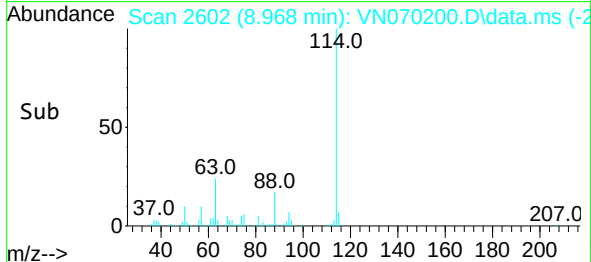
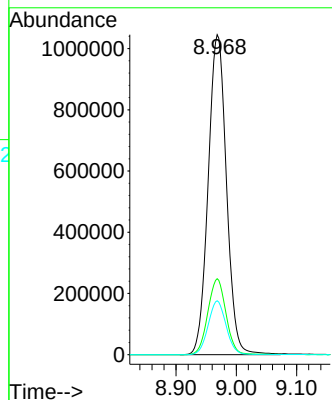
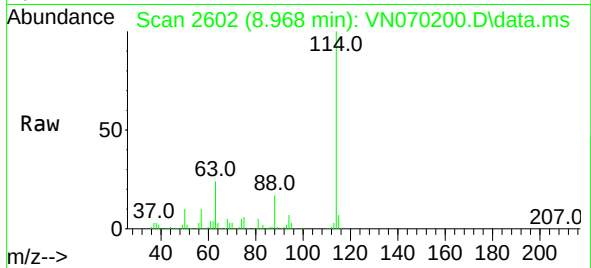




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

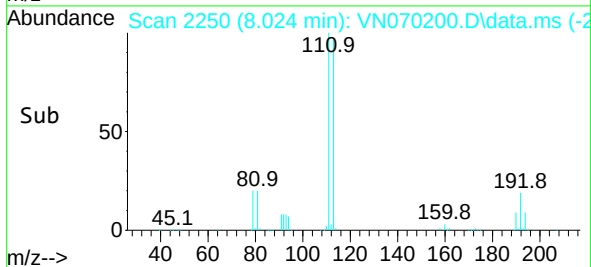
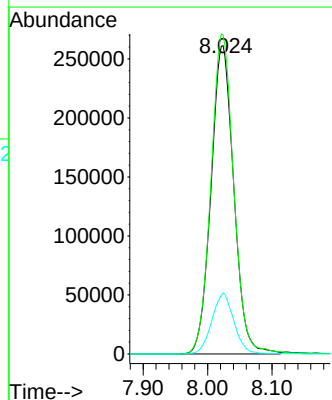
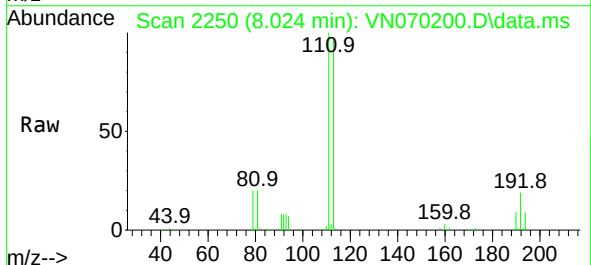
Instrument :
MSVOA_N
ClientSampleId :
MW-6

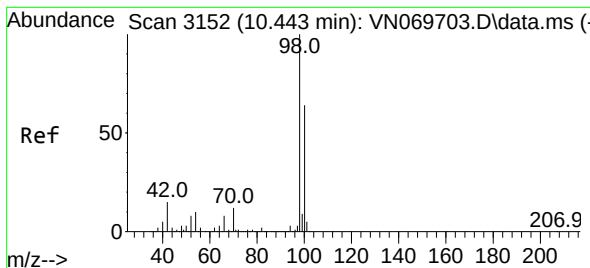
Tgt Ion:114 Resp: 2204528
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.9 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.471 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion:113 Resp: 641697
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.1 16.9 25.3

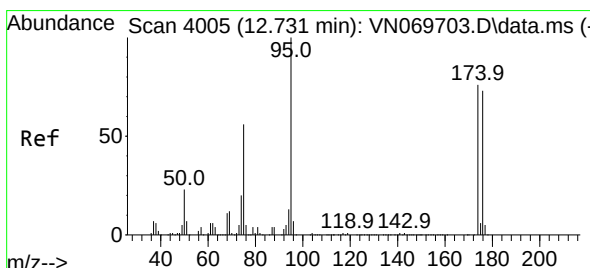
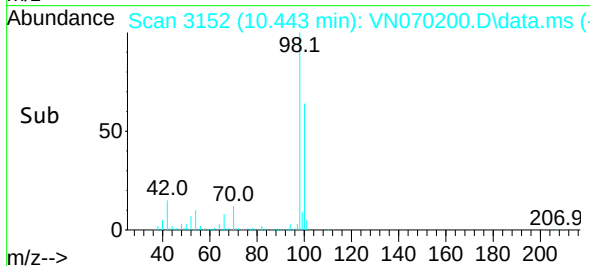
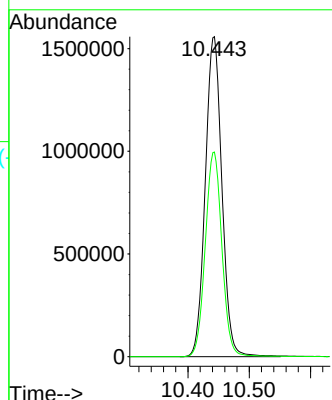
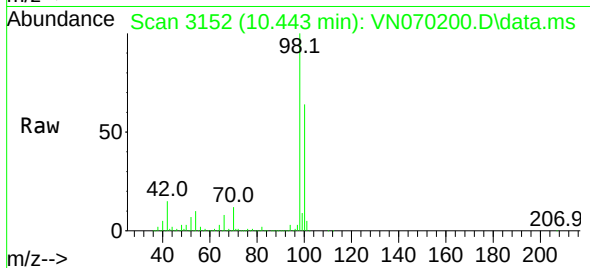




#50
Toluene-d8
Concen: 52.963 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

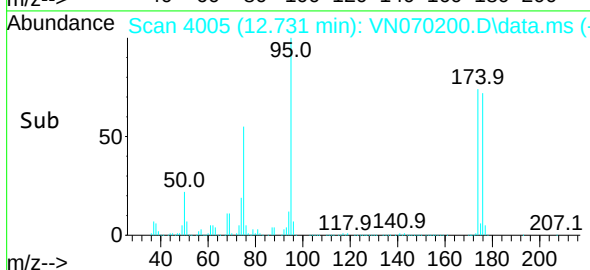
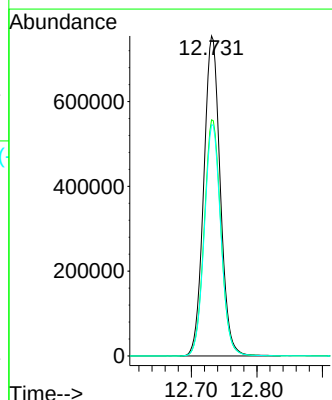
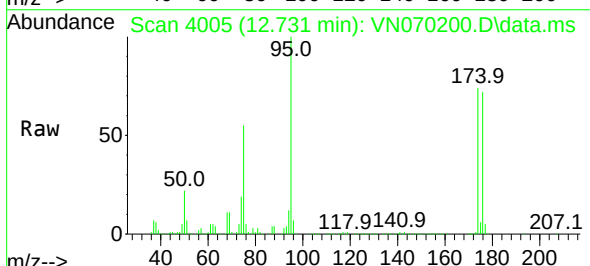
Instrument :
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MW-6

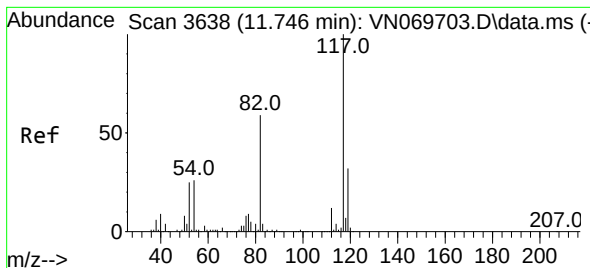
Tgt Ion: 98 Resp: 2936630
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 65.582 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070200.D
Acq: 18 Dec 2021 7:31

Tgt Ion: 95 Resp: 1317342
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 72.6 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: VN070200.D

Acq: 18 Dec 2021 7:31

Instrument :

MSVOA_N

ClientSampleId :

MW-6

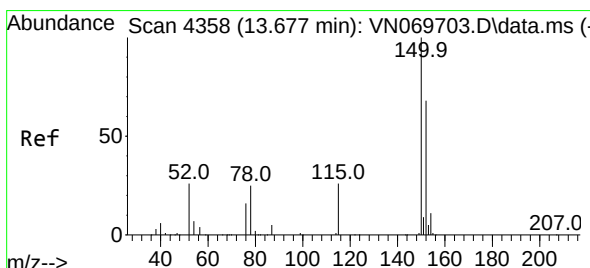
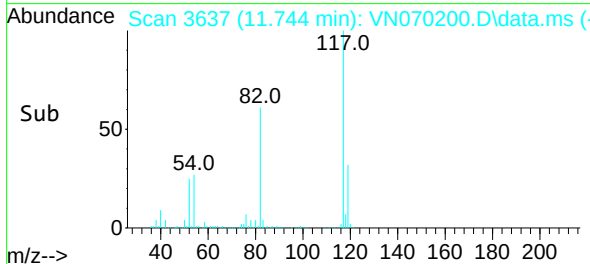
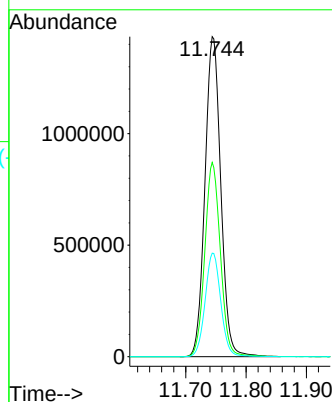
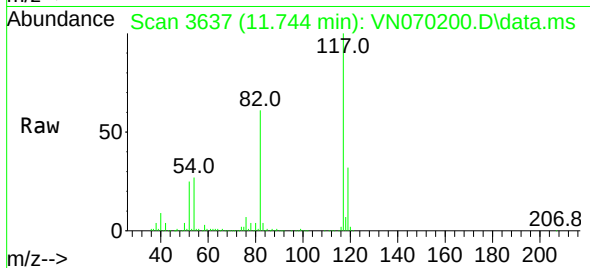
Tgt Ion:117 Resp: 2620390

Ion Ratio Lower Upper

117 100

82 60.7 42.4 63.6

119 32.4 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: VN070200.D

Acq: 18 Dec 2021 7:31

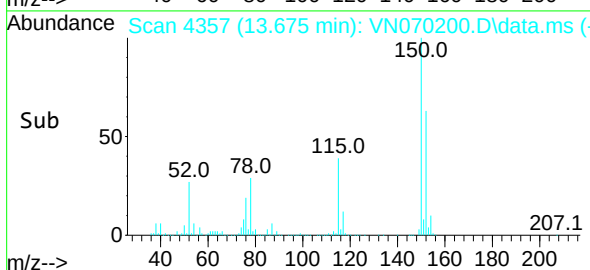
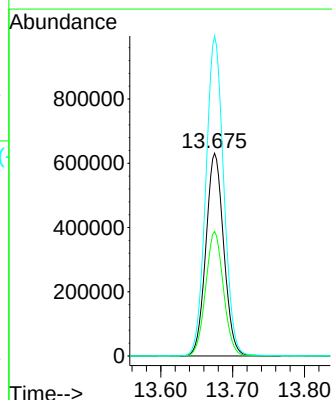
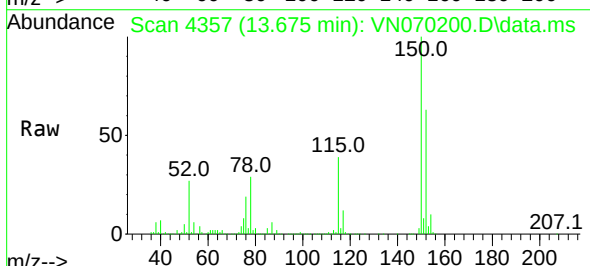
Tgt Ion:152 Resp: 1089505

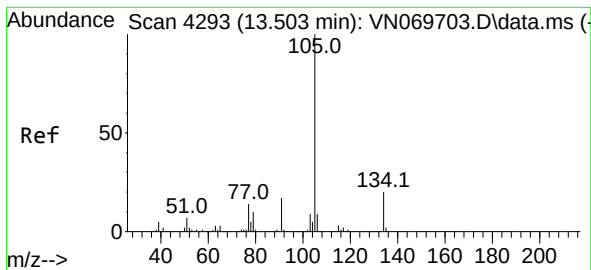
Ion Ratio Lower Upper

152 100

115 61.2 27.5 82.5

150 158.3 0.0 344.4





#85

sec-Butylbenzene

Concen: 0.259 ug/l

RT: 13.501 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070200.D

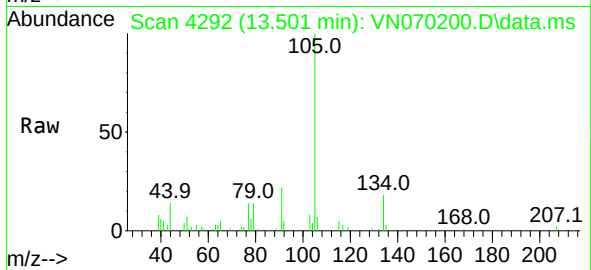
Acq: 18 Dec 2021 7:31

Instrument :

MSVOA_N

ClientSampleId :

MW-6



Tgt Ion:105 Resp: 24281

Ion Ratio Lower Upper

105 100

134 22.2 10.4 31.1

