

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070201.D
 Acq On : 18 Dec 2021 7:57
 Operator : JC/MD
 Sample : M5115-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Quant Time: Dec 19 07:25:46 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)

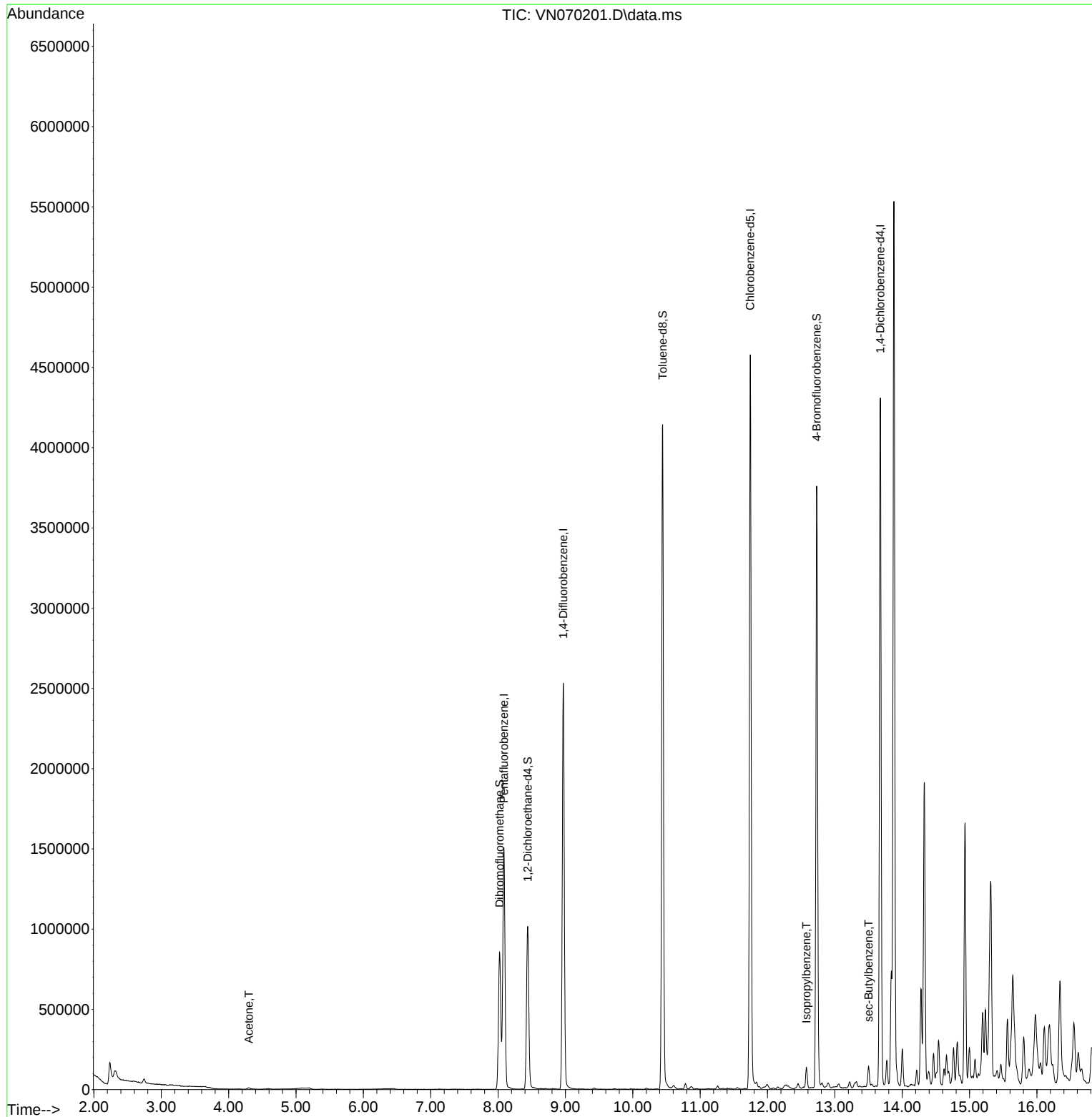
Internal Standards						
1) Pentafluorobenzene	8.086	168	1120148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2141908	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2553458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1148363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	889549	51.434	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	102.860%	
35) Dibromofluoromethane	8.021	113	628878	46.874	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	93.740%	
50) Toluene-d8	10.443	98	2843577	52.784	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	105.560%	
62) 4-Bromofluorobenzene	12.731	95	1334109	68.358	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	136.720%#	
Target Compounds						
						Qvalue
16) Acetone	4.299	43	13216	1.270	ug/l	97
73) Isopropylbenzene	12.578	105	82807	0.810	ug/l	98
85) sec-Butylbenzene	13.501	105	83837	0.849	ug/l	98

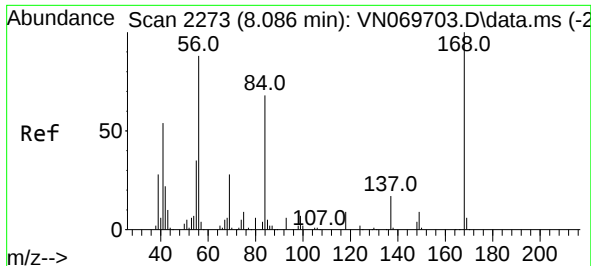
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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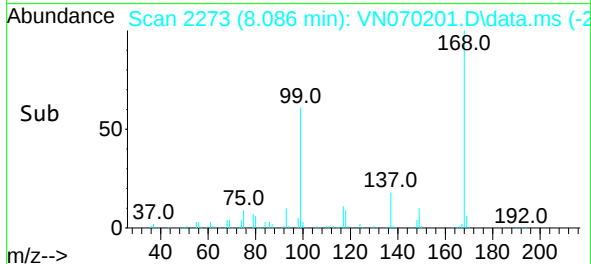
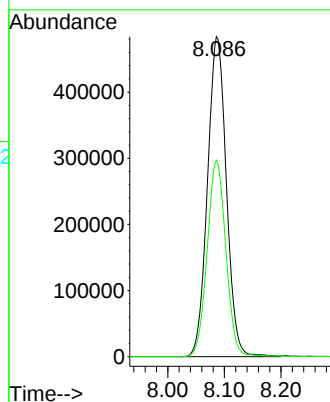
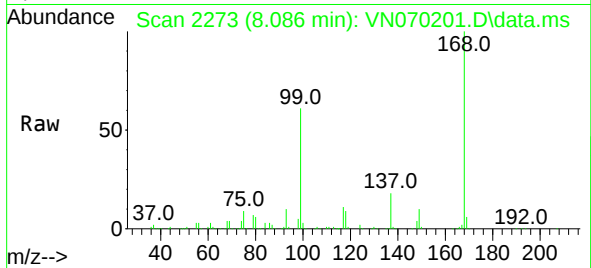




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

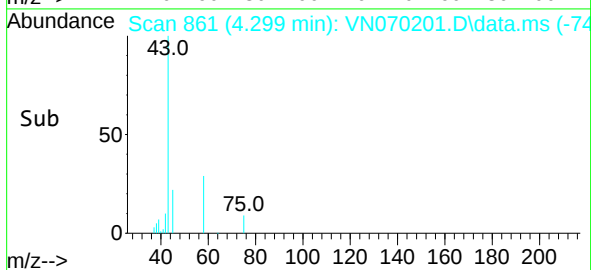
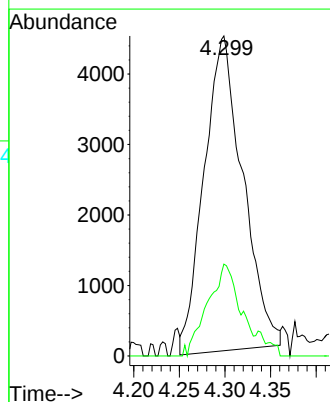
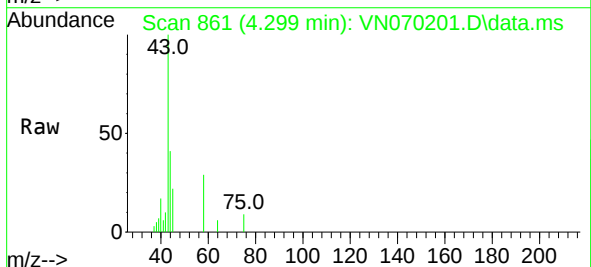
Instrument :
MSVOA_N
ClientSampleId :
MW-7

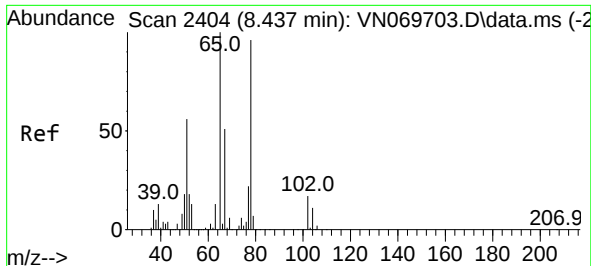
Tgt Ion:168 Resp: 1120148
Ion Ratio Lower Upper
168 100
99 61.4 41.3 61.9



#16
Acetone
Concen: 1.270 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

Tgt Ion: 43 Resp: 13216
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 51.434 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070201.D

Acq: 18 Dec 2021 7:57

Instrument :

MSVOA_N

ClientSampleId :

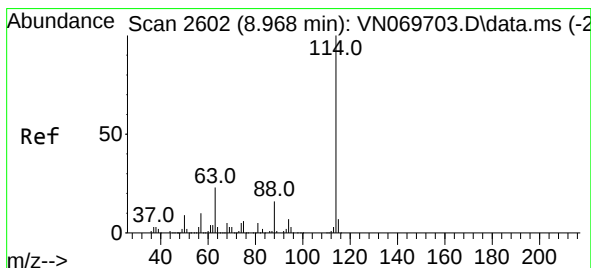
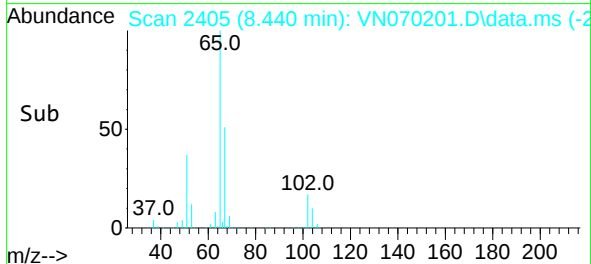
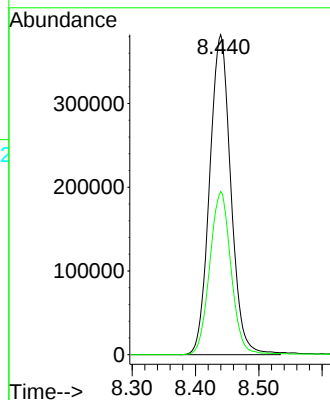
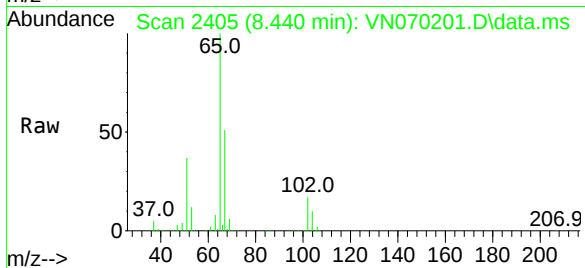
MW-7

Tgt Ion: 65 Resp: 889549

Ion Ratio Lower Upper

65 100

67 51.3 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: VN070201.D

Acq: 18 Dec 2021 7:57

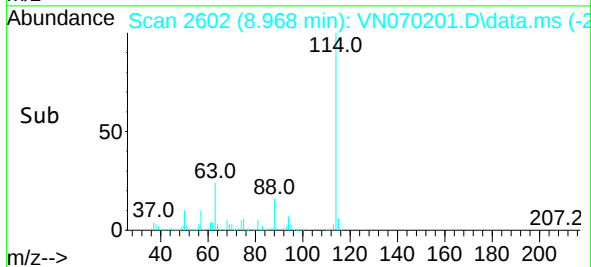
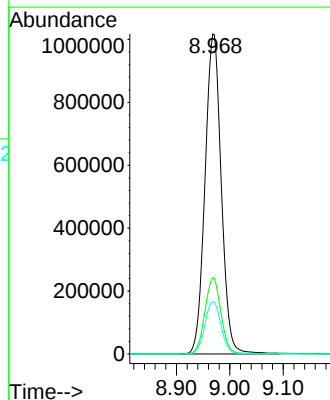
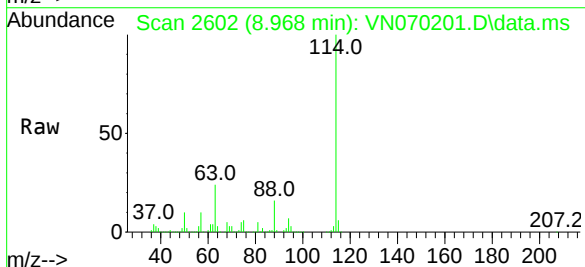
Tgt Ion: 114 Resp: 2141908

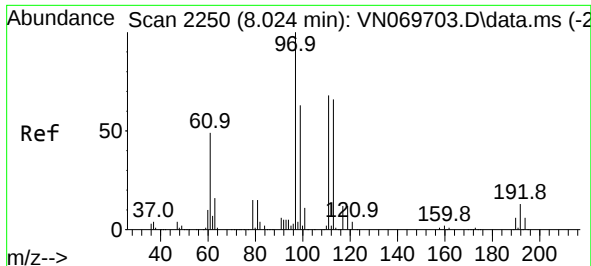
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

88 16.3 0.0 27.4

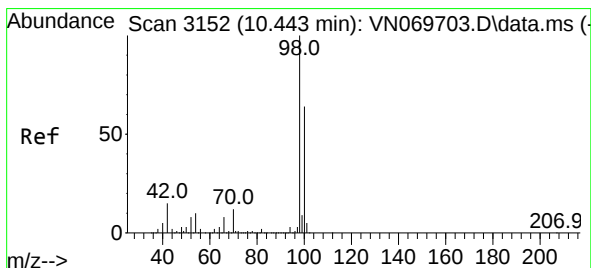
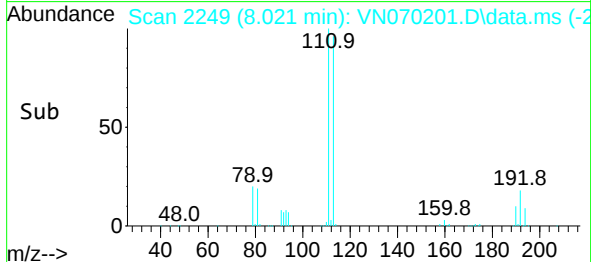
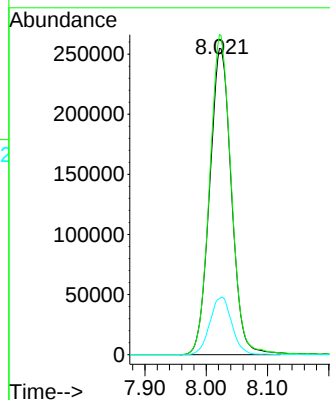
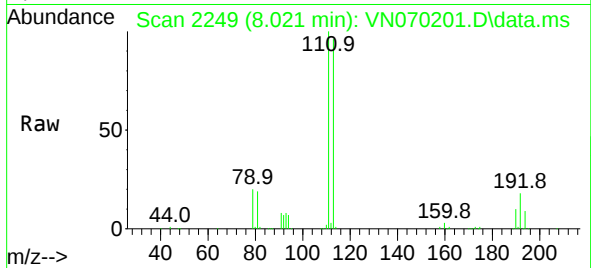




#35
Dibromofluoromethane
Concen: 46.874 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.002 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

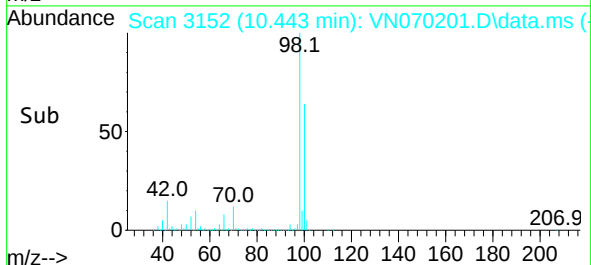
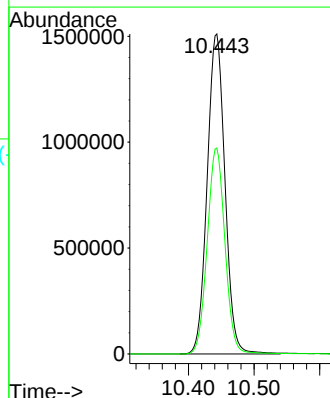
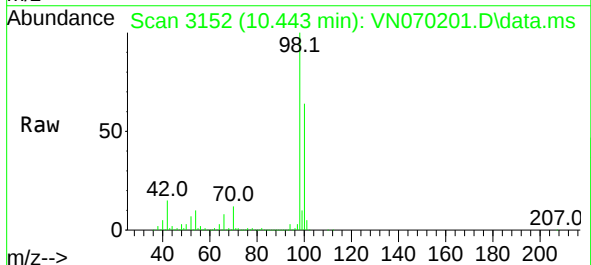
Instrument :
MSVOA_N
ClientSampleId :
MW-7

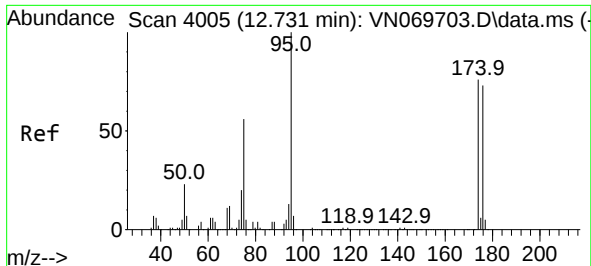
Tgt Ion:113 Resp: 628878
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.0 16.9 25.3



#50
Toluene-d8
Concen: 52.784 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

Tgt Ion: 98 Resp: 2843577
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6

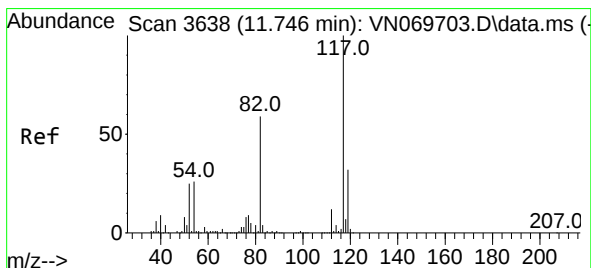
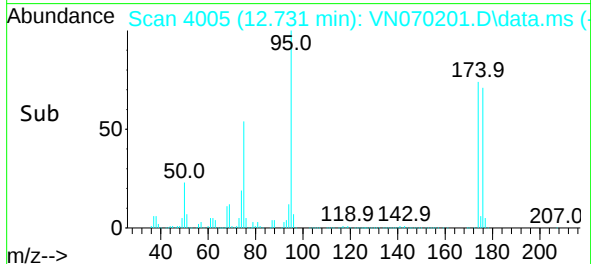
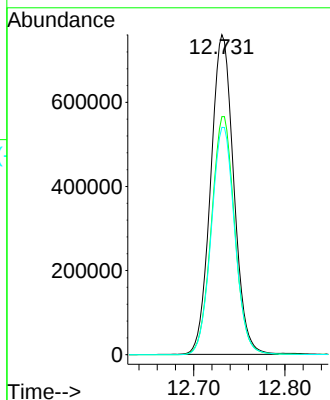
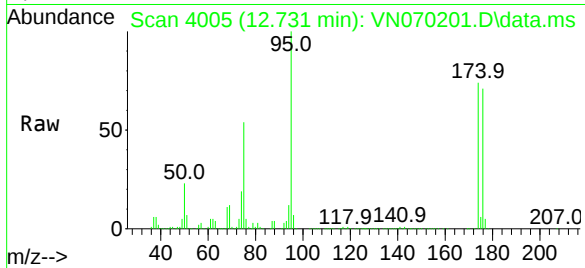




#62
4-Bromofluorobenzene
Concen: 68.358 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

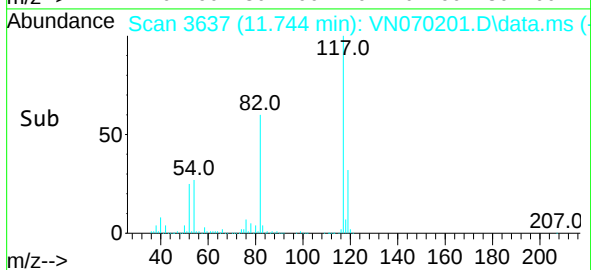
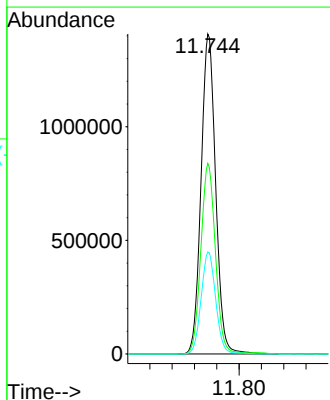
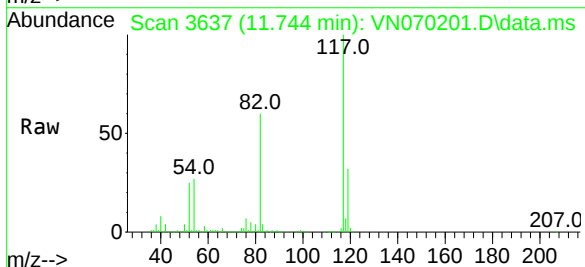
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ClientSampleId :
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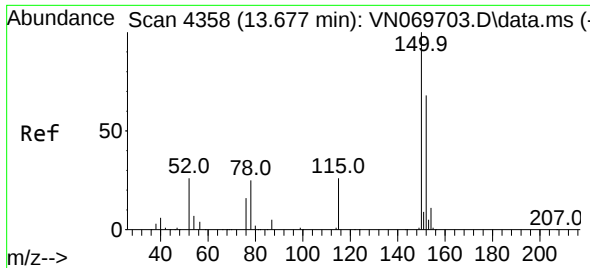
Tgt Ion: 95 Resp: 1334109
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

Tgt Ion: 117 Resp: 2553458
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.9 25.4 38.2

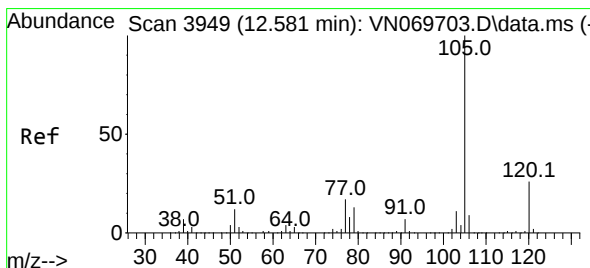
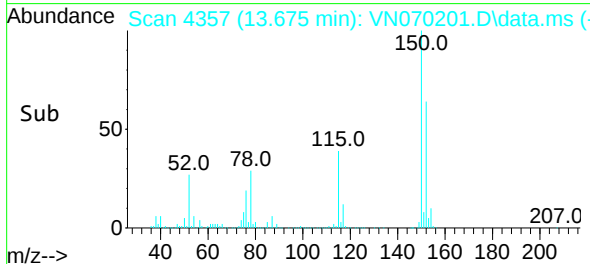
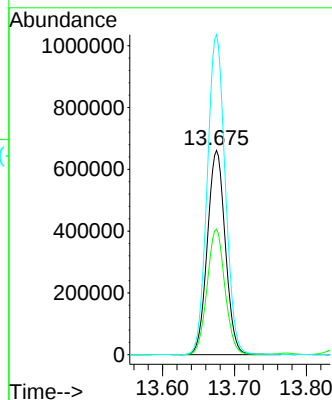
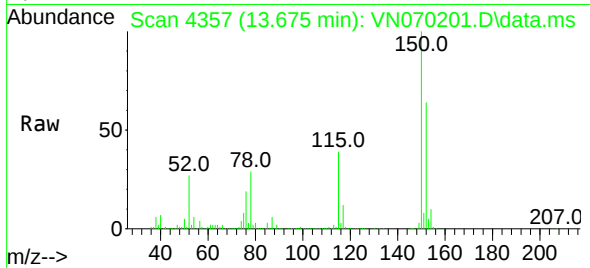




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

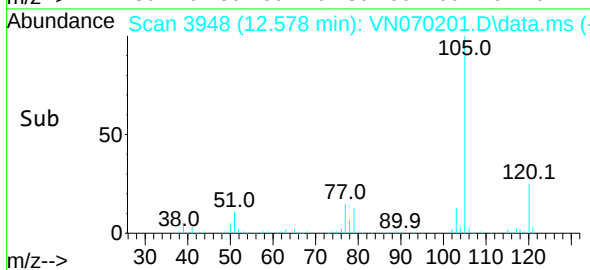
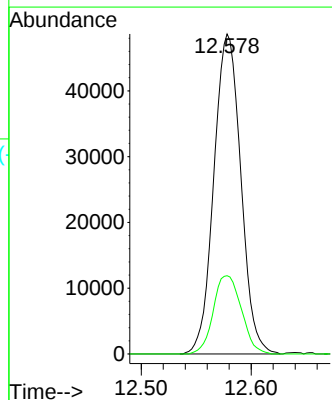
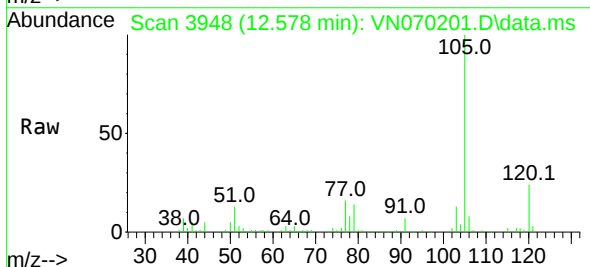
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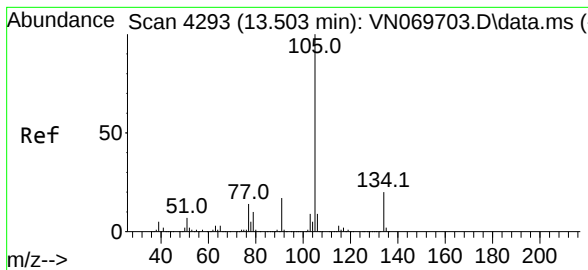
Tgt Ion:152 Resp: 1148363
Ion Ratio Lower Upper
152 100
115 61.0 27.5 82.5
150 157.2 0.0 344.4



#73
Isopropylbenzene
Concen: 0.810 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070201.D
Acq: 18 Dec 2021 7:57

Tgt Ion:105 Resp: 82807
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#85
 sec-Butylbenzene
 Concen: 0.849 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.002 min
 Lab File: VN070201.D
 Acq: 18 Dec 2021 7:57

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-7

Tgt Ion:105 Resp: 83837
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.4 31.1

