

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122921\
 Data File : VN070349.D
 Acq On : 29 Dec 2021 15:24
 Operator : JC/MD
 Sample : M5115-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 30 01:50:42 2021
 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)

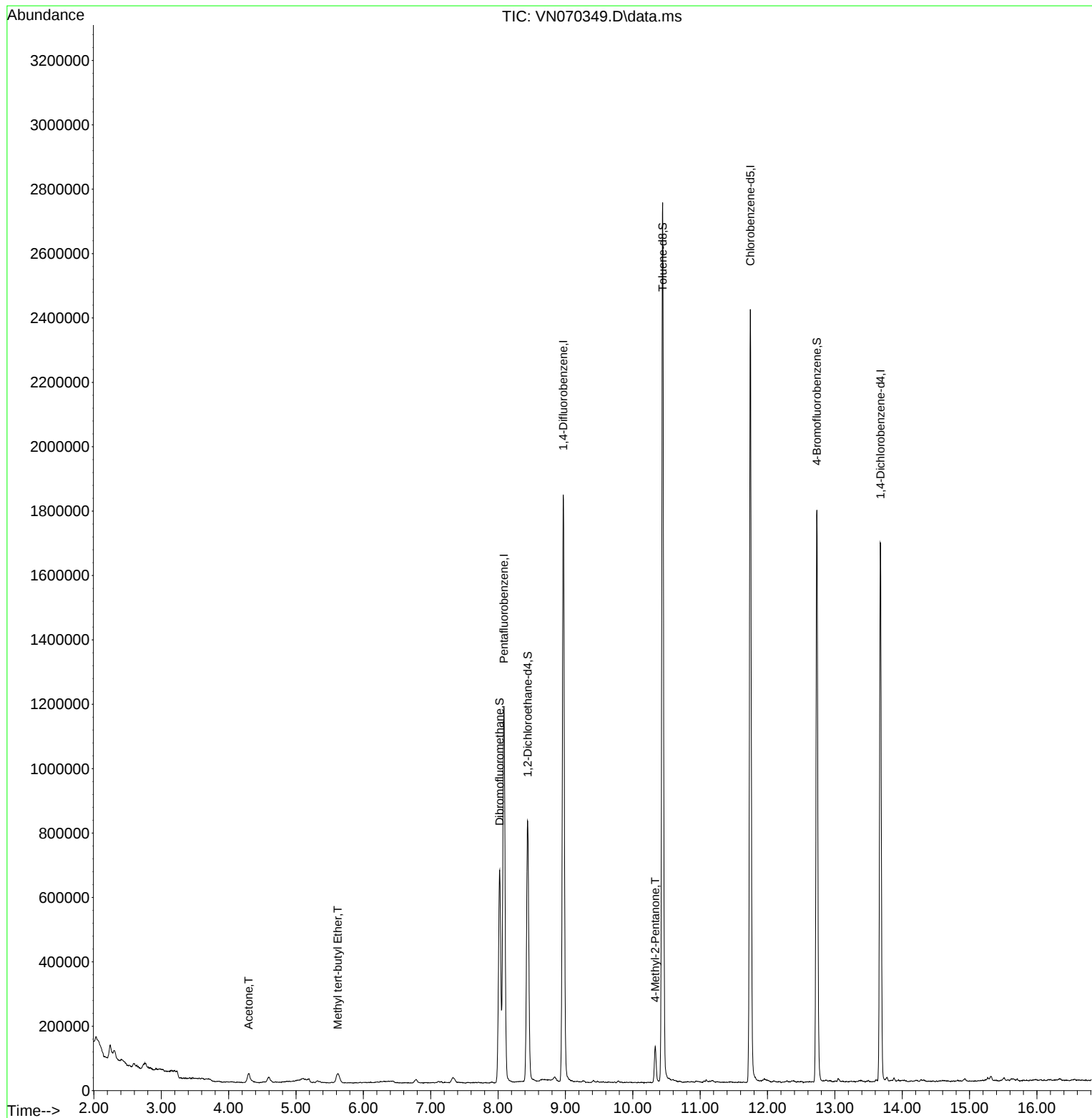
Internal Standards						
1) Pentafluorobenzene	8.088	168	912603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1552070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1383493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	454525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	690404	52.616	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.240%	
35) Dibromofluoromethane	8.024	113	487066	51.866	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.740%	
50) Toluene-d8	10.443	98	1880261	49.013	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.734	95	640600	46.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 92.460%	
Target Compounds						
						Qvalue
16) Acetone	4.296	43	52079	6.114	ug/l	100
19) Methyl tert-butyl Ether	5.621	73	44331	1.284	ug/l	92
51) 4-Methyl-2-Pentanone	10.333	43	85788	4.300	ug/l	93

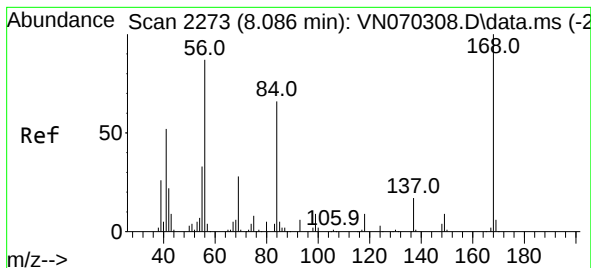
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 21

Delta R.T. 0.002 min

Lab File: VN070349.D

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MSVOA_N

ClientSampleId :

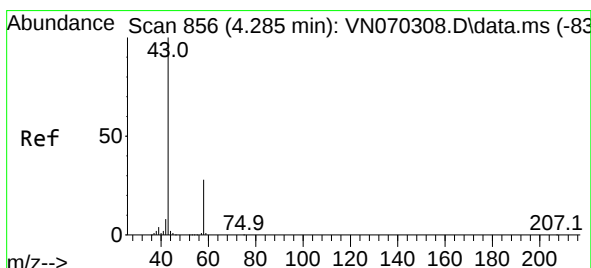
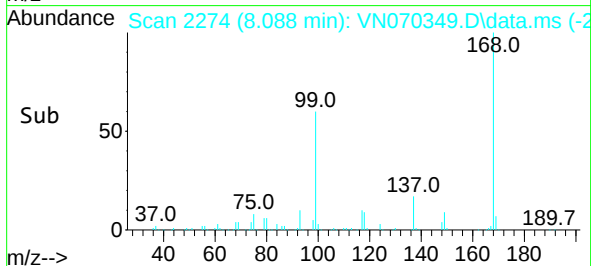
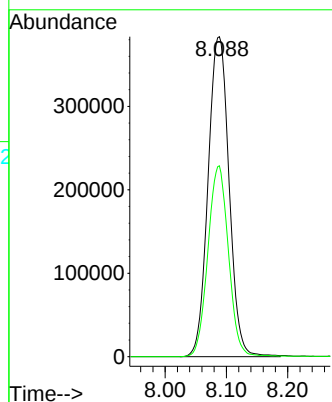
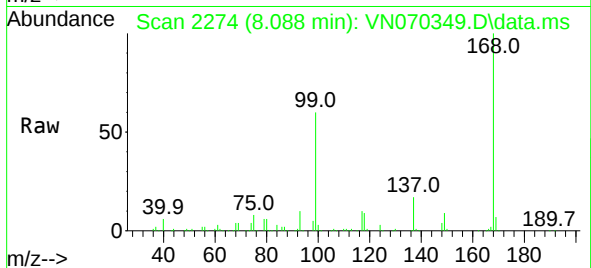
MW-4

Tgt Ion:168 Resp: 912603

Ion Ratio Lower Upper

168 100

99 59.6 41.3 61.9



#16

Acetone

Concen: 6.114 ug/l

RT: 4.296 min Scan# 860

Delta R.T. 0.011 min

Lab File: VN070349.D

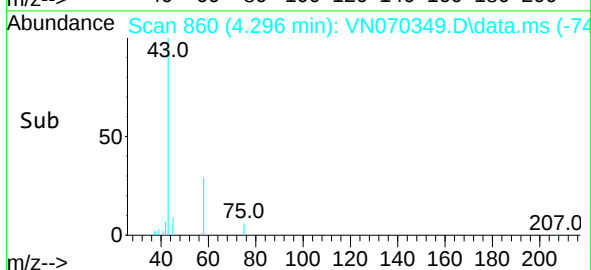
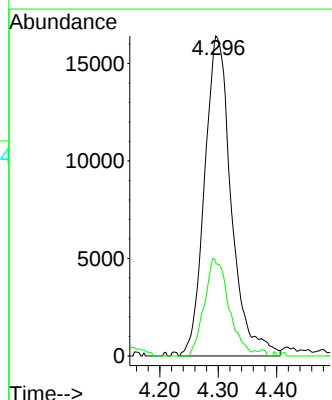
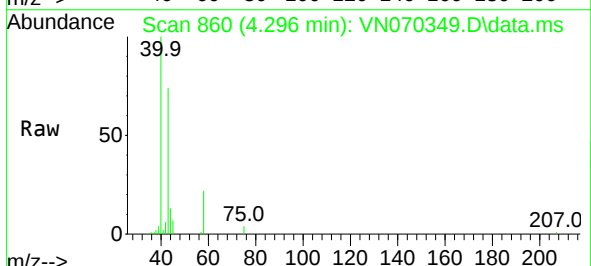
Acq: 29 Dec 2021 15:24

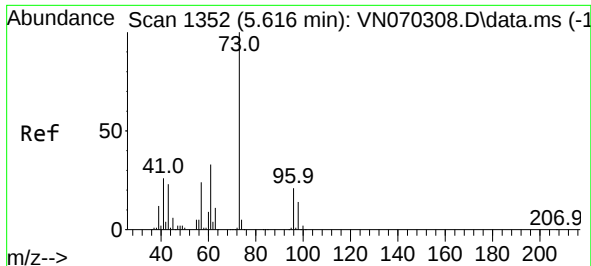
Tgt Ion: 43 Resp: 52079

Ion Ratio Lower Upper

43 100

58 29.0 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 1.284 ug/l

RT: 5.621 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070349.D

Acq: 29 Dec 2021 15:24

Instrument :

MSVOA_N

ClientSampleId :

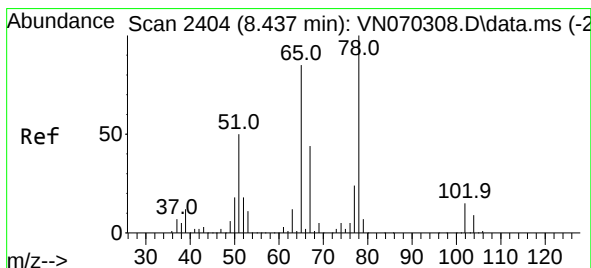
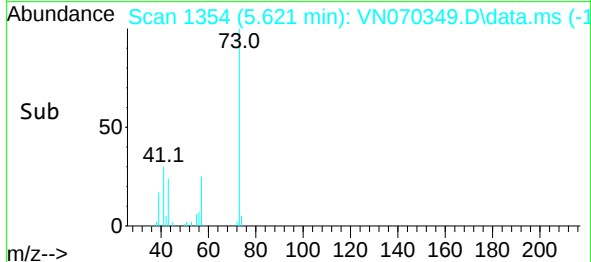
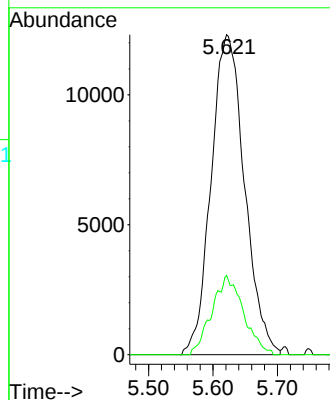
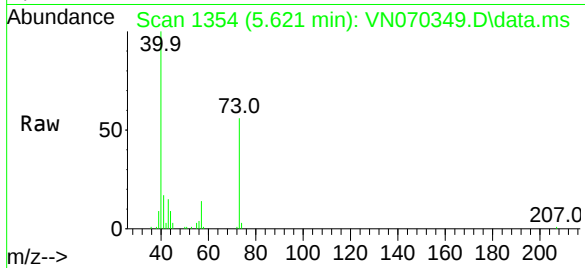
MW-4

Tgt Ion: 73 Resp: 44331

Ion Ratio Lower Upper

73 100

57 24.7 16.8 25.2



#33

1,2-Dichloroethane-d4

Concen: 52.616 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070349.D

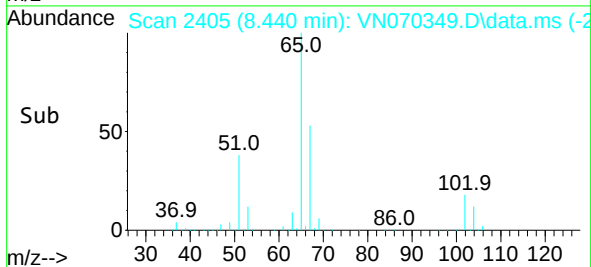
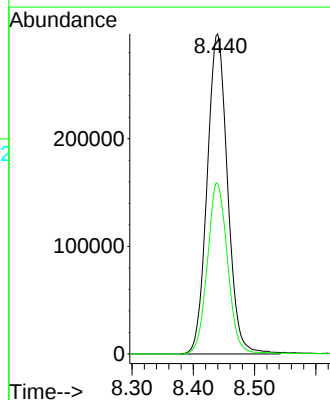
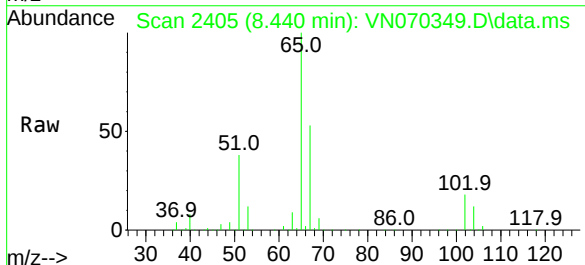
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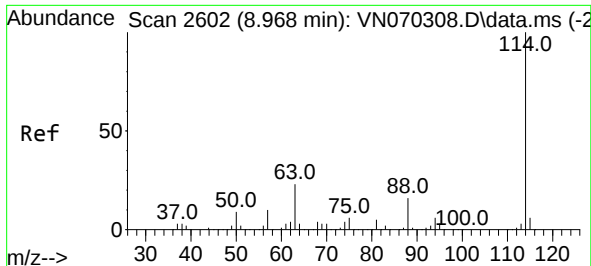
Tgt Ion: 65 Resp: 690404

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0

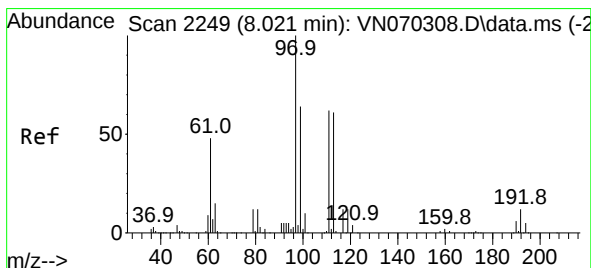
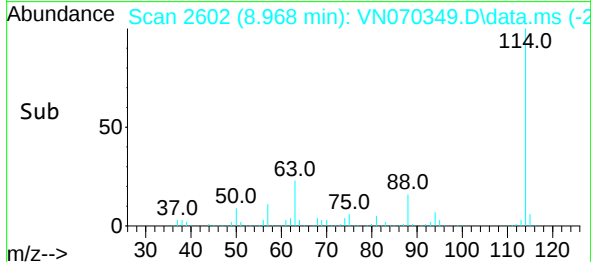
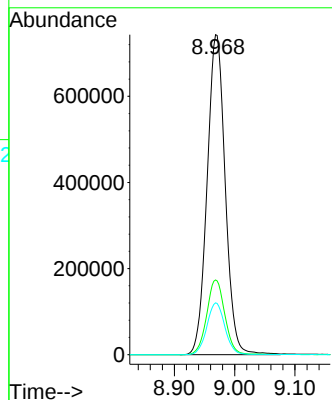
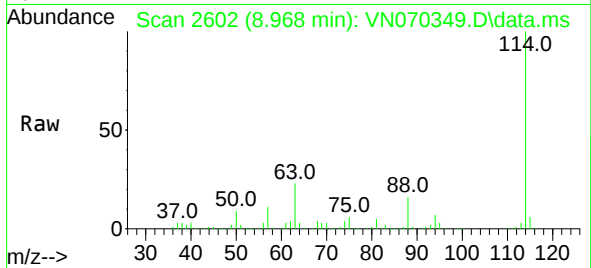




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

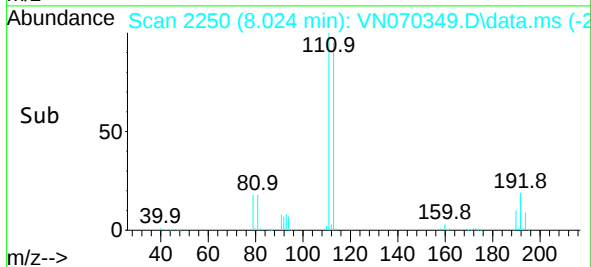
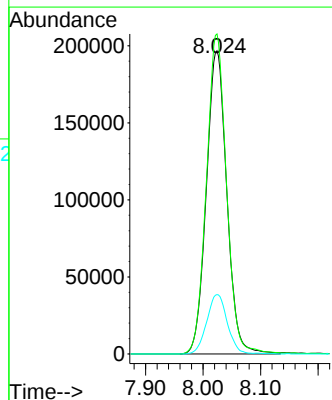
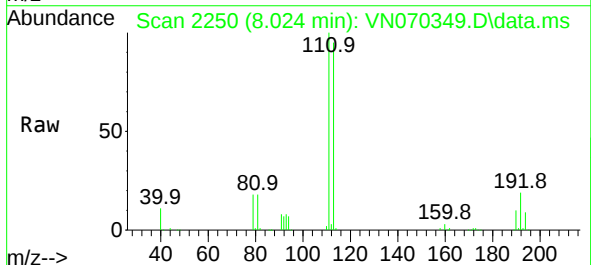
Instrument :
MSVOA_N
ClientSampleId :
MW-4

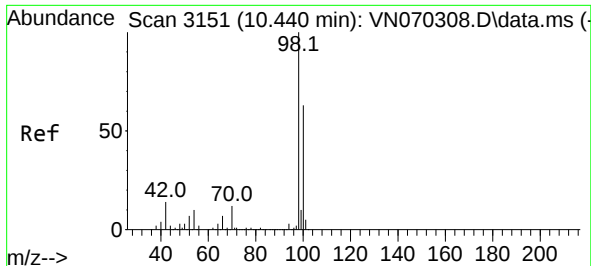
Tgt Ion:114 Resp: 1552070
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.866 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

Tgt Ion:113 Resp: 487066
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 19.6 16.9 25.3

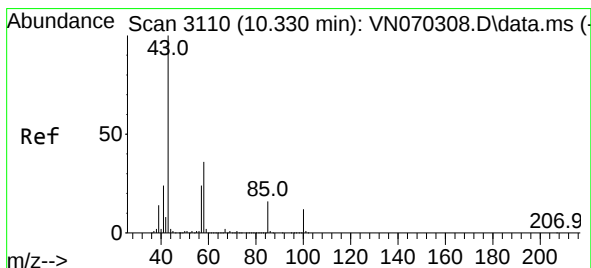
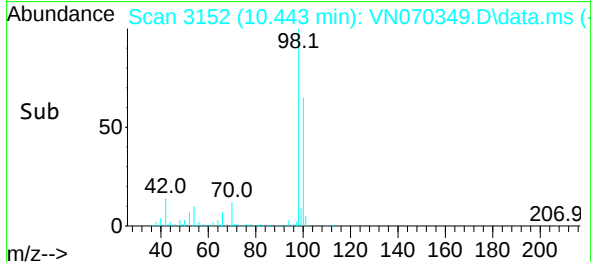
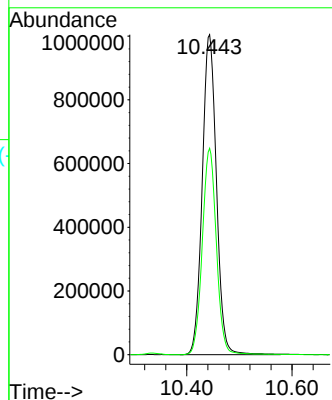
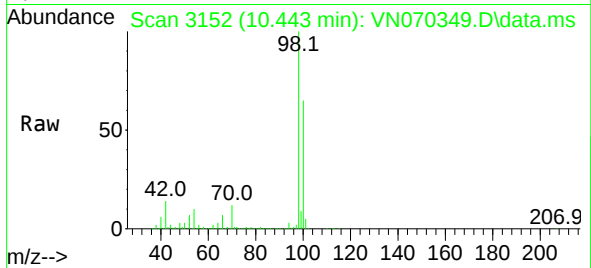




#50
Toluene-d8
Concen: 49.013 ug/l
RT: 10.443 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

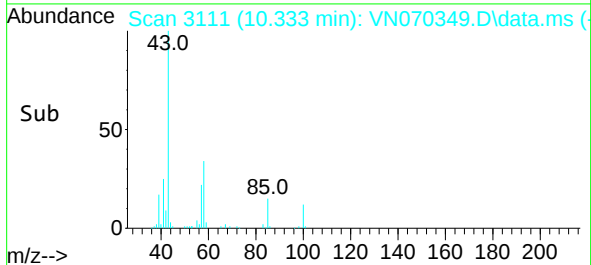
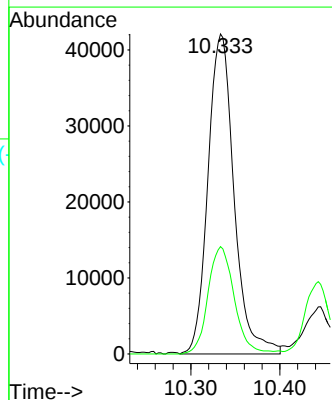
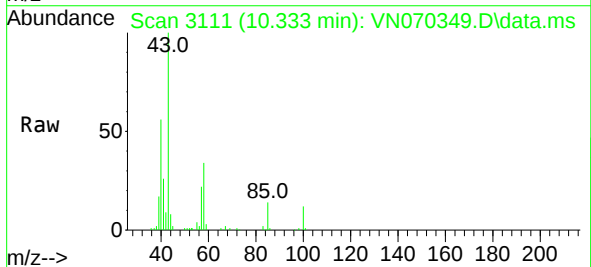
Instrument :
MSVOA_N
ClientSampleId :
MW-4

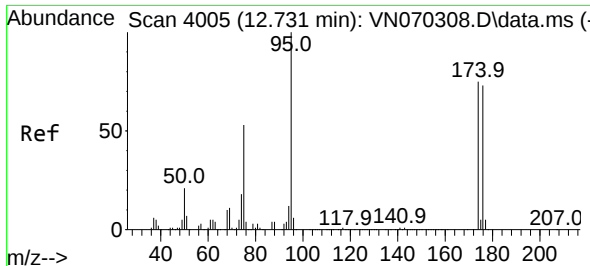
Tgt Ion: 98 Resp: 1880261
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 4.300 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.003 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

Tgt Ion: 43 Resp: 85788
Ion Ratio Lower Upper
43 100
58 33.6 30.4 45.6

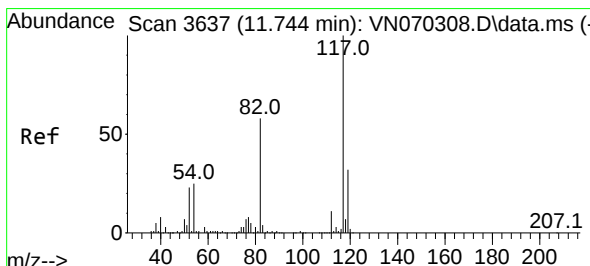
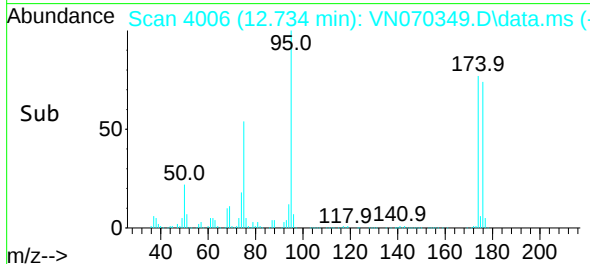
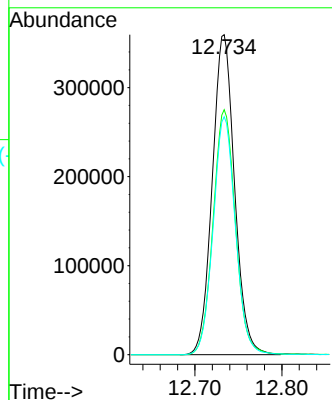
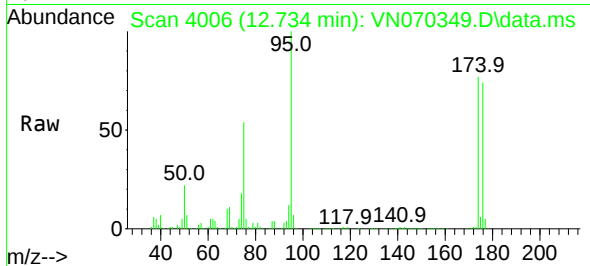




#62
4-Bromofluorobenzene
Concen: 46.234 ug/l
RT: 12.734 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

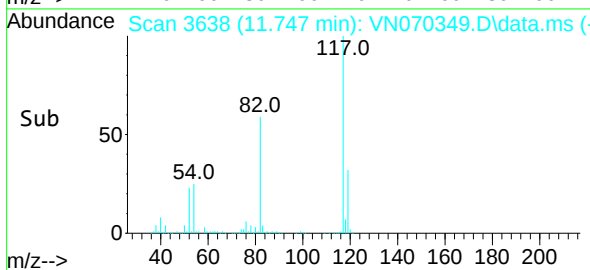
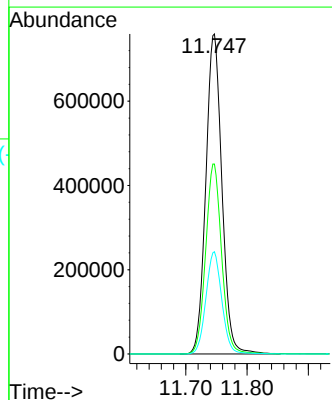
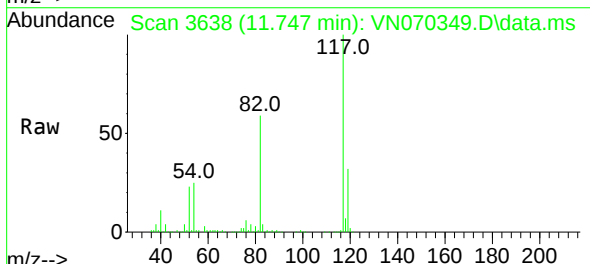
Instrument :
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MW-4

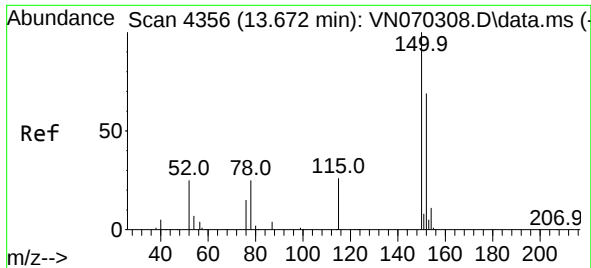
Tgt Ion: 95 Resp: 640600
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 74.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070349.D
Acq: 29 Dec 2021 15:24

Tgt Ion: 117 Resp: 1383493
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 31.9 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN070349.D

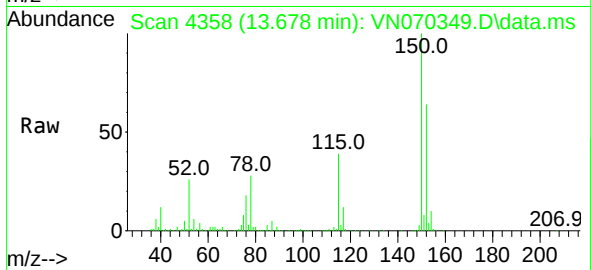
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Instrument :

MSVOA_N

ClientSampleId :

MW-4



Tgt Ion:152 Resp: 454525

Ion Ratio Lower Upper

152 100

115 60.2 27.5 82.5

150 156.6 0.0 344.4

