

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070199.D
 Acq On : 18 Dec 2021 7:06
 Operator : JC/MD
 Sample : M5115-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 19 07:25:07 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	1087661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2064019	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2448251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1030787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	855596	50.948	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.900%			
35) Dibromofluoromethane	8.024	113	609791	47.166	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.340%			
50) Toluene-d8	10.441	98	2752915	53.030	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.060%			
62) 4-Bromofluorobenzene	12.731	95	1247545	66.335	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 132.660%			
Target Compounds					Qvalue	
16) Acetone	4.301	43	38074	3.769	ug/l	96
19) Methyl tert-butyl Ether	5.629	73	51984m	1.290	ug/l	
95) Naphthalene	15.512	128	5861	4.092	ug/l	98

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

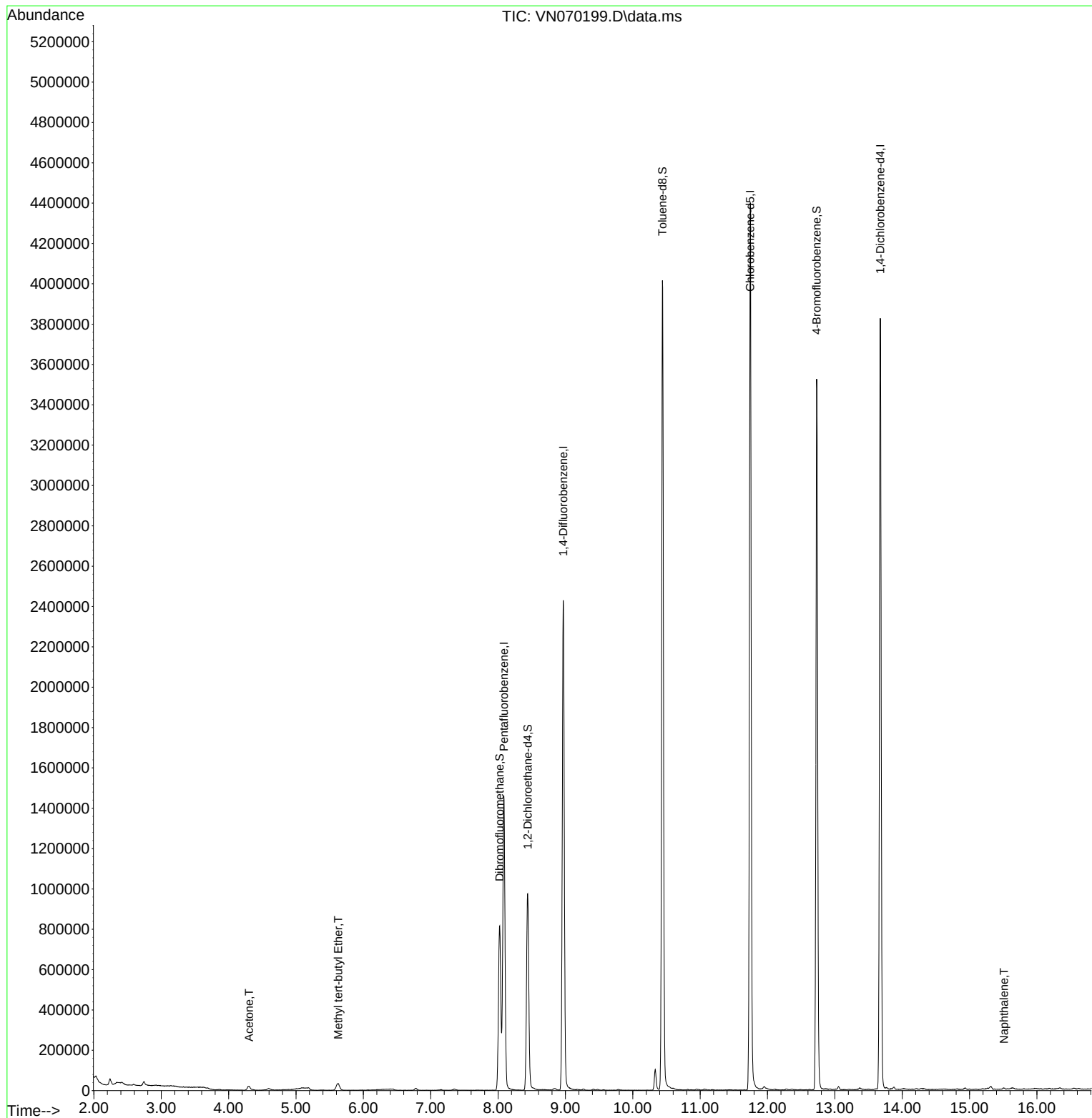
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070199.D
Acq On : 18 Dec 2021 7:06
Operator : JC/MD
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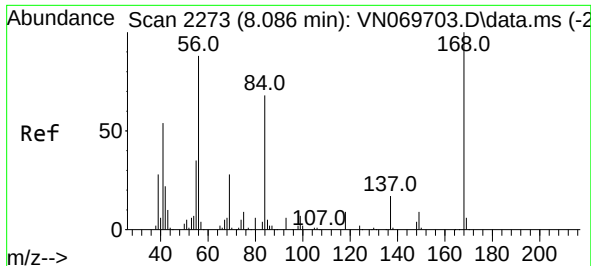
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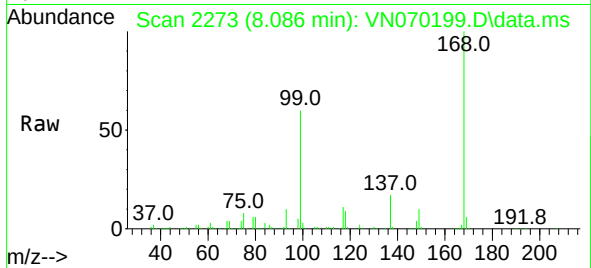
Quant Time: Dec 19 07:25:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

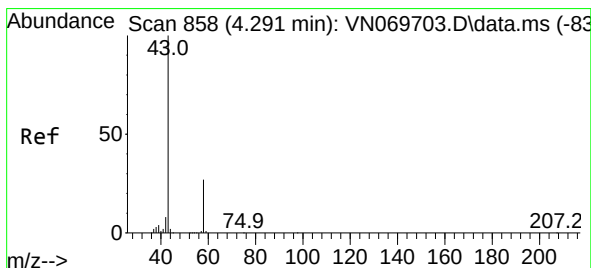
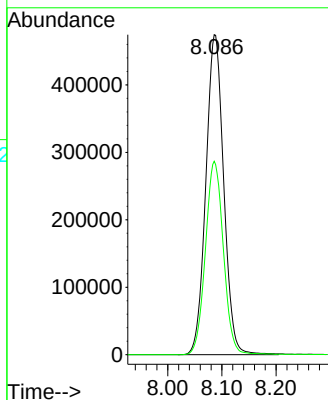
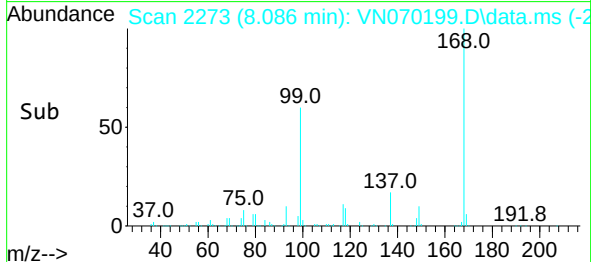
Instrument :
MSVOA_N
ClientSampleId :
MW-4



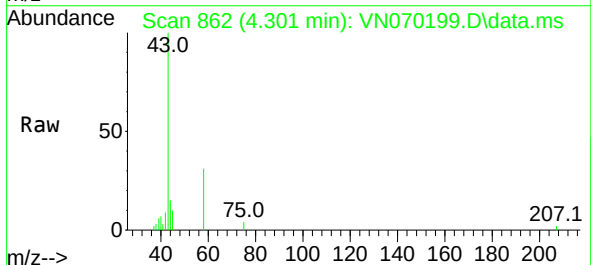
Tgt Ion:168 Resp: 108766
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

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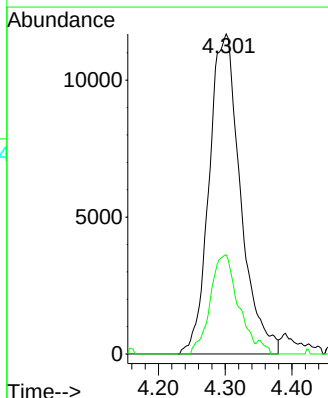
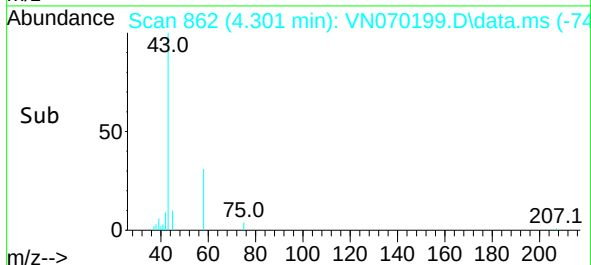
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021

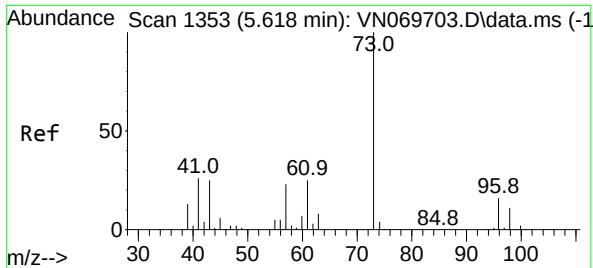


#16
Acetone
Concen: 3.769 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06



Tgt Ion: 43 Resp: 38074
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 1.290 ug/l m

RT: 5.629 min Scan# 1

Delta R.T. 0.011 min

Lab File: VN070199.D

Acq: 18 Dec 2021 7:06

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tgt Ion: 73 Resp: 51984

Ion Ratio Lower Upper

73 100

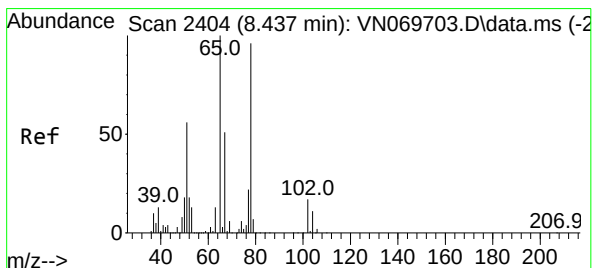
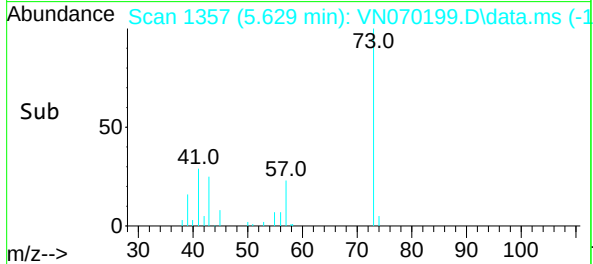
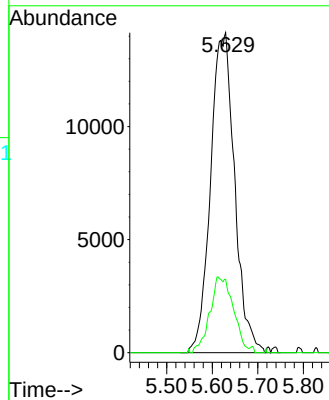
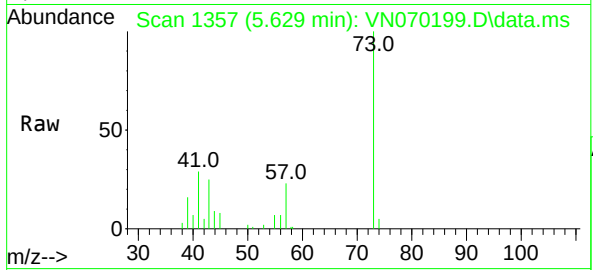
57 22.9 16.8 25.2

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#33

1,2-Dichloroethane-d4

Concen: 50.948 ug/l

RT: 8.440 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VN070199.D

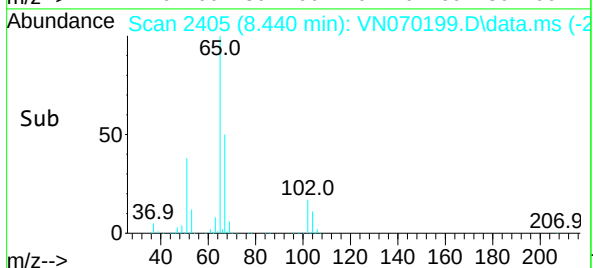
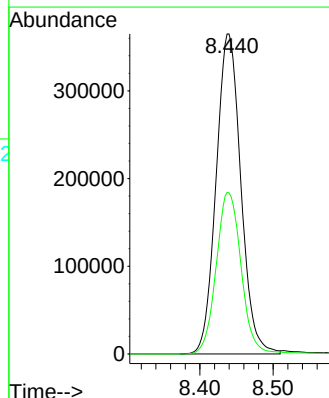
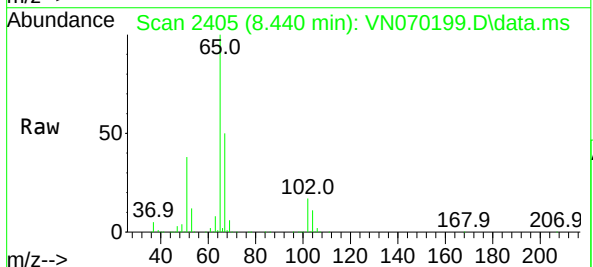
Acq: 18 Dec 2021 7:06

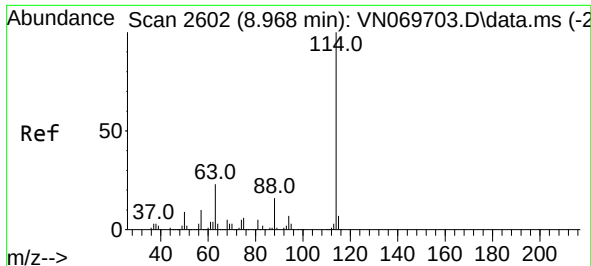
Tgt Ion: 65 Resp: 855596

Ion Ratio Lower Upper

65 100

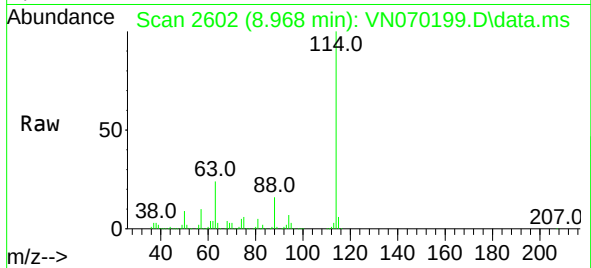
67 50.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

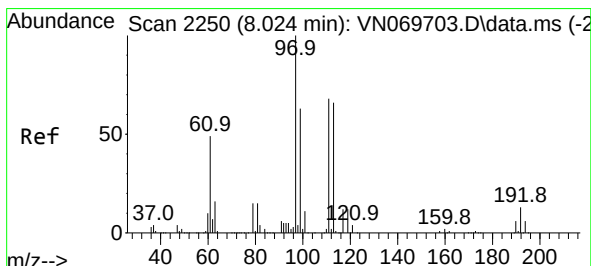
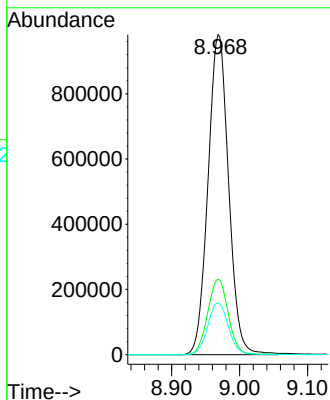
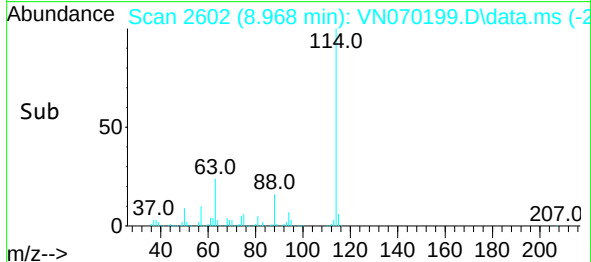
Instrument :
MSVOA_N
ClientSampleId :
MW-4



Tgt Ion:114 Resp: 2064019
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.2 0.0 27.4

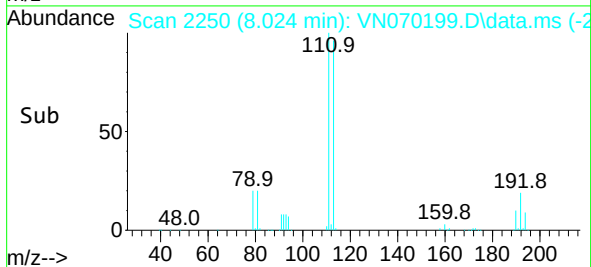
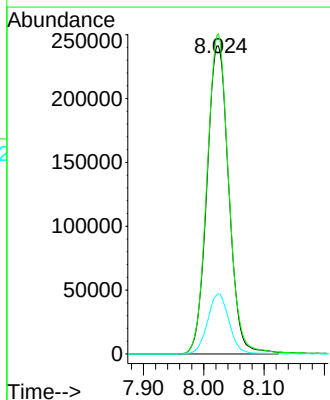
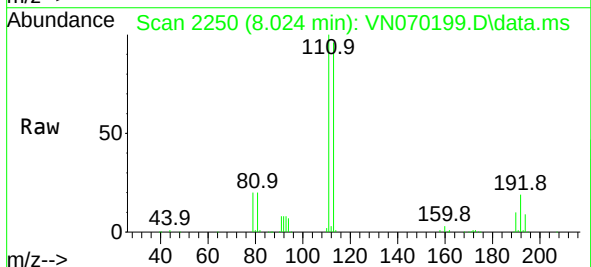
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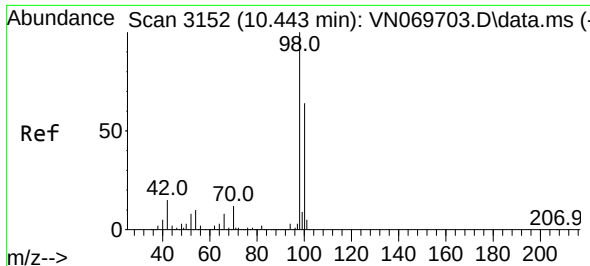
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#35
Dibromofluoromethane
Concen: 47.166 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

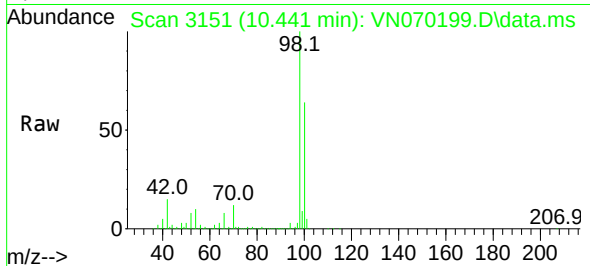
Tgt Ion:113 Resp: 609791
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.2 16.9 25.3





#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

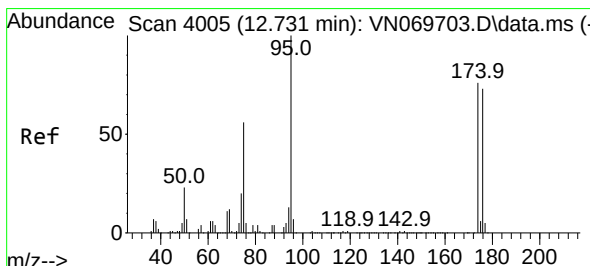
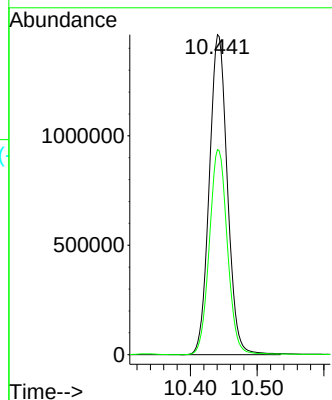
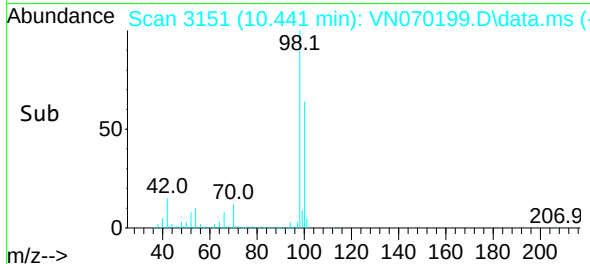
Instrument :
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ClientSampleId :
MW-4



Tgt Ion: 98 Resp: 2752915
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

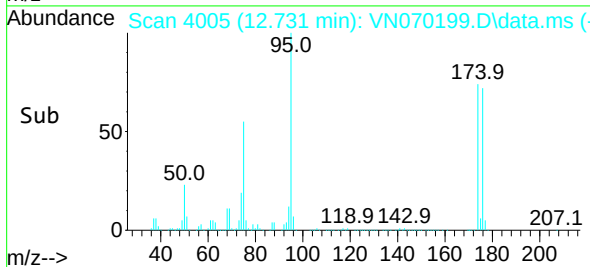
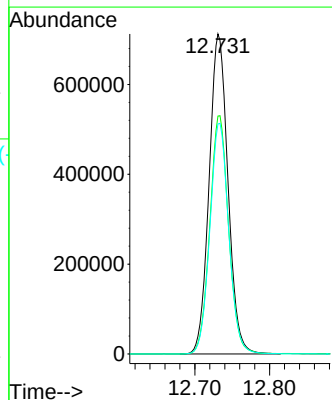
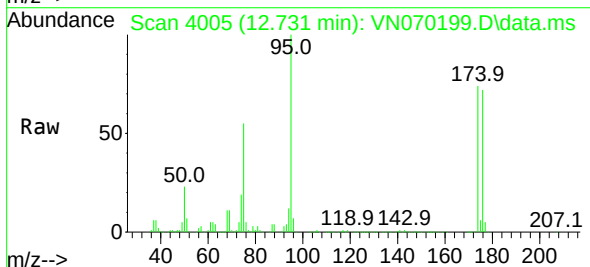
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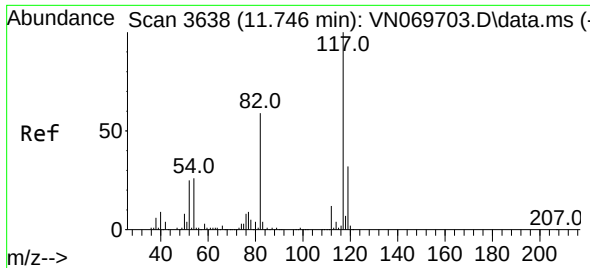
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 66.335 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

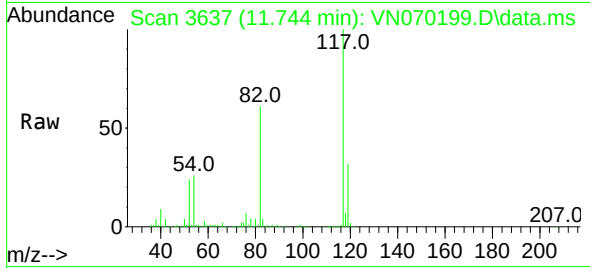
Tgt Ion: 95 Resp: 1247545
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

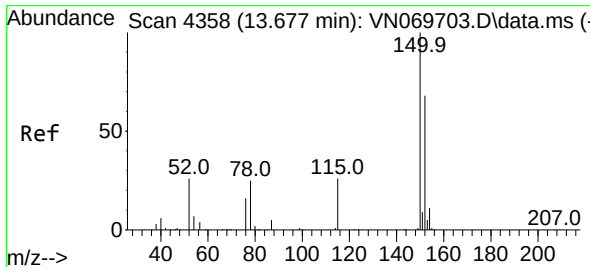
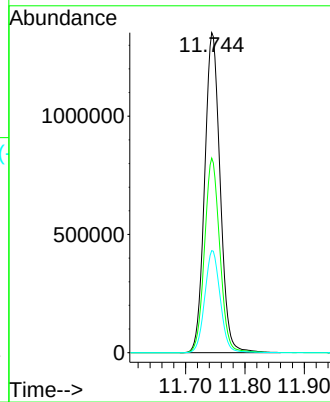
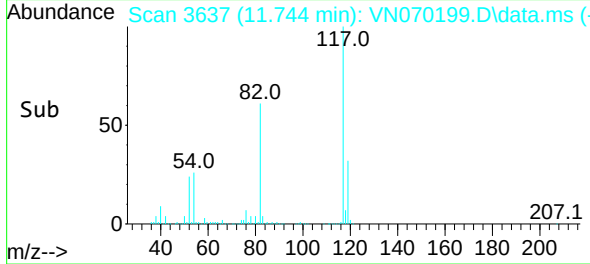
Instrument :
MSVOA_N
ClientSampleId :
MW-4



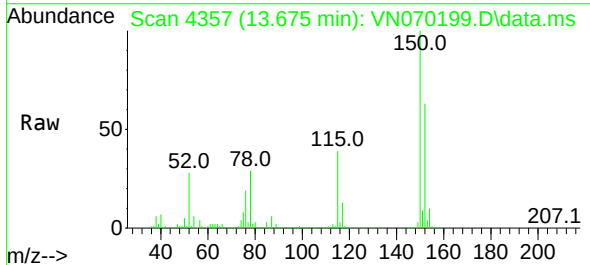
Tgt Ion:117 Resp: 244825
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 31.9 25.4 38.2

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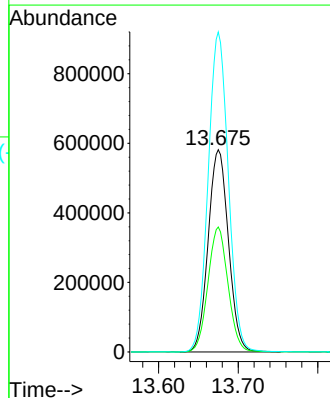
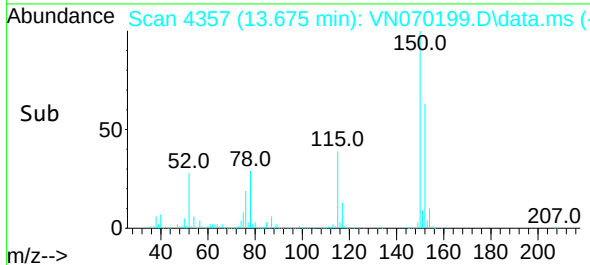
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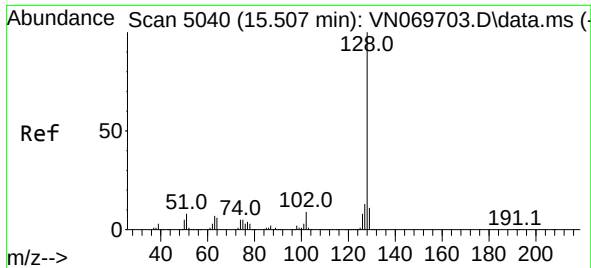


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.002 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06



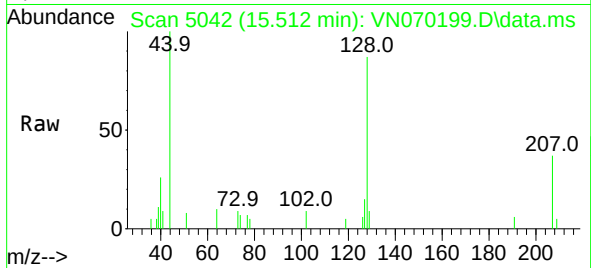
Tgt Ion:152 Resp: 1030787
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.3 0.0 344.4





#95
Naphthalene
Concen: 4.092 ug/l
RT: 15.512 min Scan# 50
Delta R.T. 0.005 min
Lab File: VN070199.D
Acq: 18 Dec 2021 7:06

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:128 Resp: 586
Ion Ratio Lower Upper
128 100
127 14.3 10.5 15.7
129 10.6 8.7 13.1

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