

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070052.D
 Acq On : 14 Dec 2021 00:59
 Operator : JC/MD
 Sample : M5007-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-07

Quant Time: Dec 14 07:30:20 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	1098068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2123639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2497328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1005553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	898544	52.998	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.000%			
35) Dibromofluoromethane	8.024	113	661419	49.723	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.440%			
50) Toluene-d8	10.443	98	2851656	53.390	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.780%			
62) 4-Bromofluorobenzene	12.731	95	1200976	62.066	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.140%			
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.448	62	12368	0.838	ug/l #	87
11) Tert butyl alcohol	5.380	59	20285m	6.330	ug/l	
16) Acetone	4.293	43	32999m	3.236	ug/l	
19) Methyl tert-butyl Ether	5.621	73	150567	3.702	ug/l #	91
22) Diisopropyl ether	6.501	45	28283	0.614	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	14967	1.090	ug/l	100

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

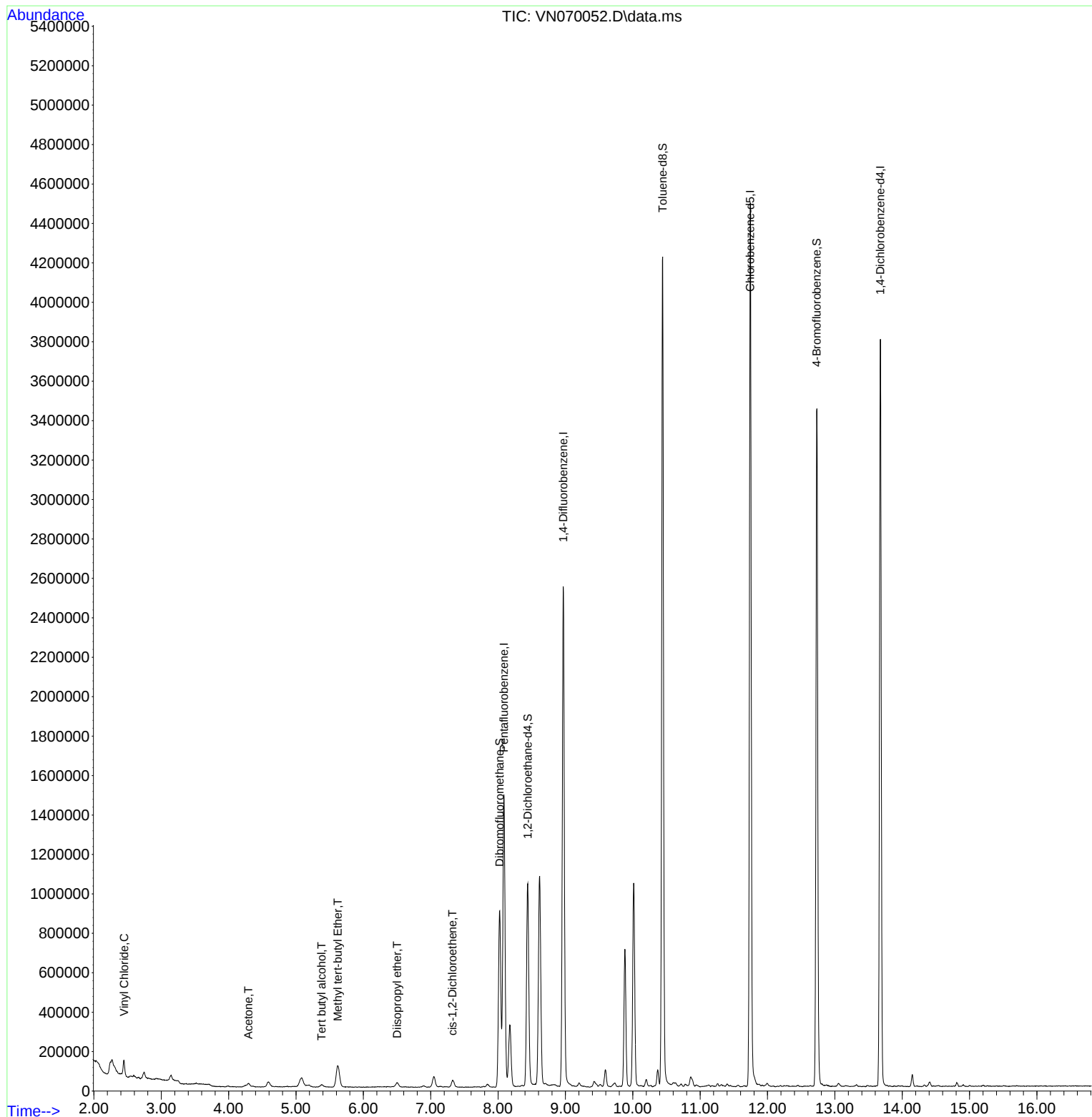
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070052.D
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ALS Vial : 32 Sample Multiplier: 1

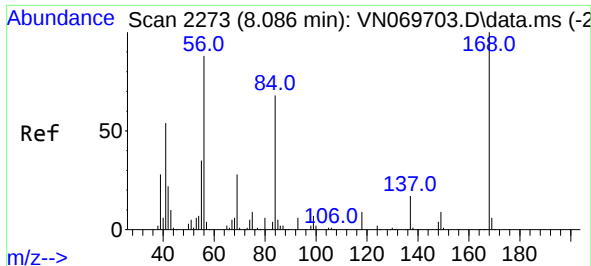
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07

Quant Time: Dec 14 07:30:20 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

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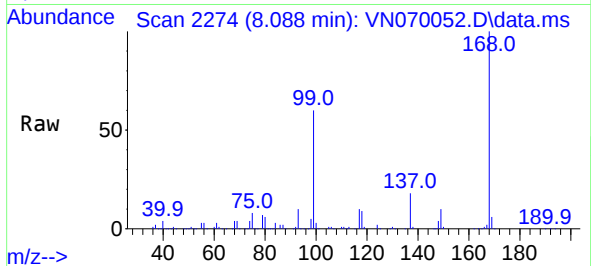
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Supervised By :Amit Patel 12/15/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

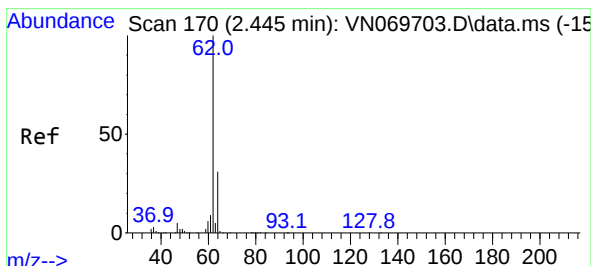
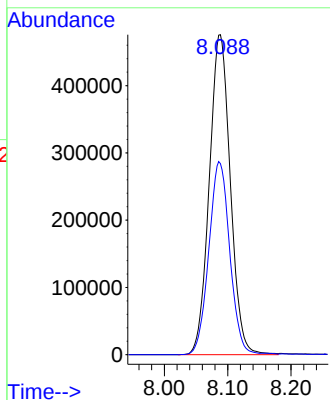
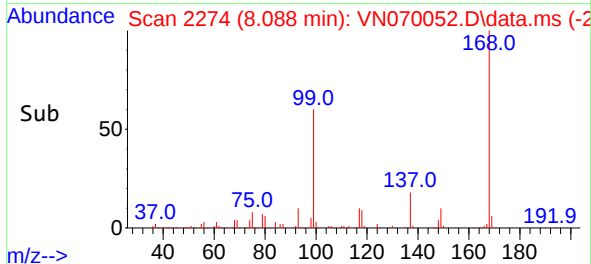
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-07



Tgt Ion:168 Resp: 109806
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

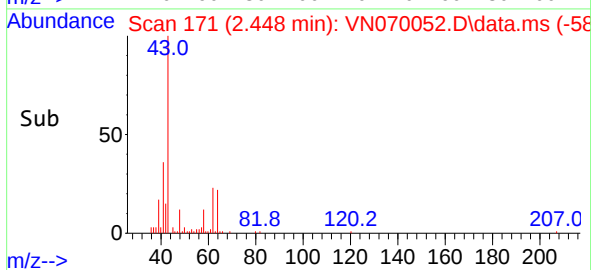
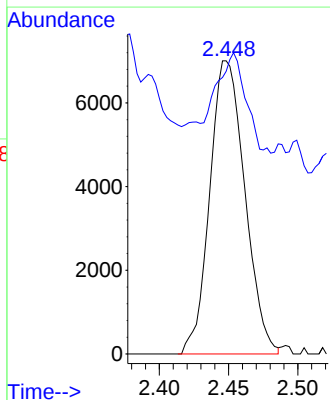
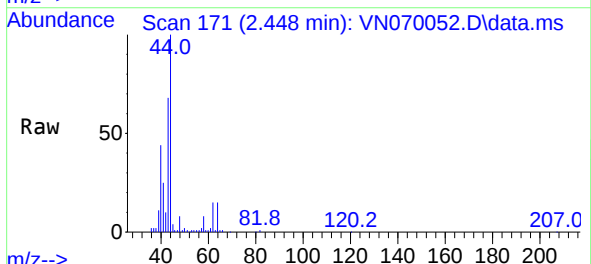
Manual Integrations
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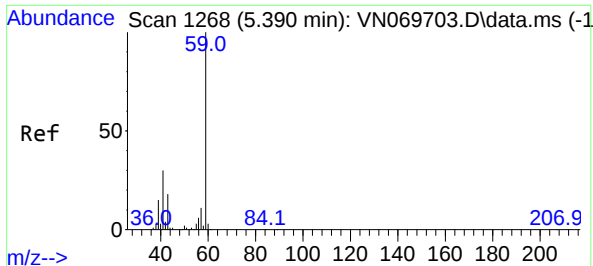
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#4
Vinyl Chloride
Concen: 0.838 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

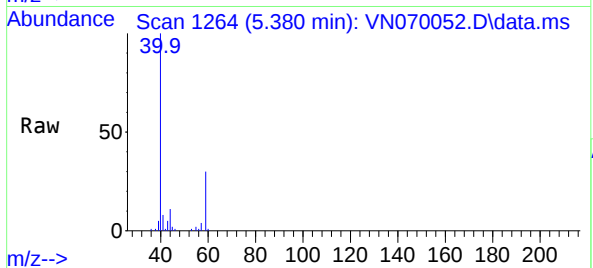
Tgt Ion: 62 Resp: 12368
Ion Ratio Lower Upper
62 100
64 24.8 25.8 38.6#





#11
Tert butyl alcohol
Concen: 6.330 ug/l m
RT: 5.380 min Scan# 11
Delta R.T. -0.010 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

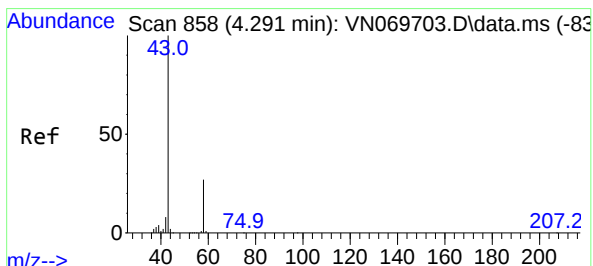
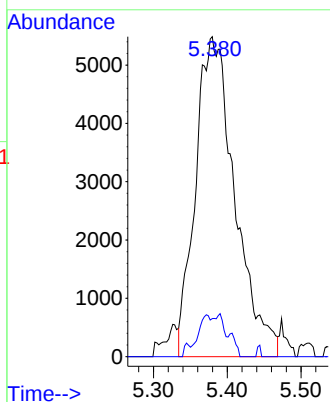
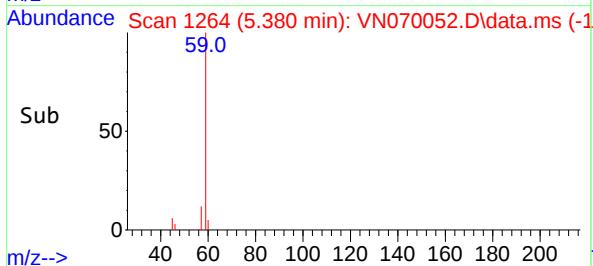
Instrument :
MSVOA_N
ClientSampleId :
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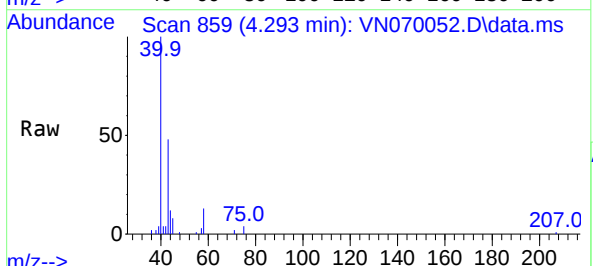
Tgt Ion: 59 Resp: 2028
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

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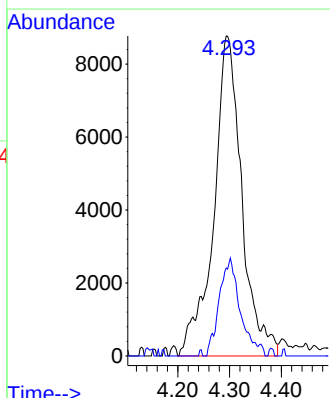
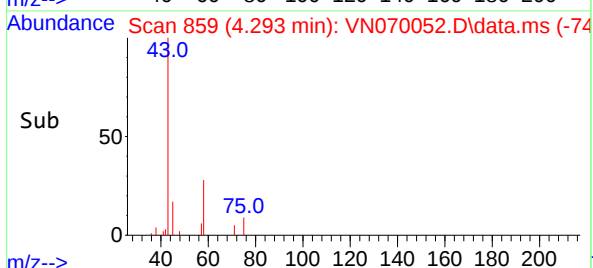
Reviewed By :John Carlone 12/14/2021
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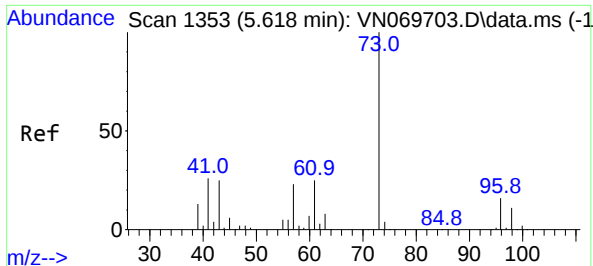


#16
Acetone
Concen: 3.236 ug/l m
RT: 4.293 min Scan# 859
Delta R.T. 0.003 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59



Tgt Ion: 43 Resp: 32999
Ion Ratio Lower Upper
43 100
58 27.5 23.1 34.7





#19

Methyl tert-butyl Ether

Concen: 3.702 ug/l

RT: 5.621 min Scan# 11

Delta R.T. 0.003 min

Lab File: VN070052.D

Acq: 14 Dec 2021 00:59

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07

Tgt Ion: 73 Resp: 15056

Ion Ratio Lower Upper

73 100

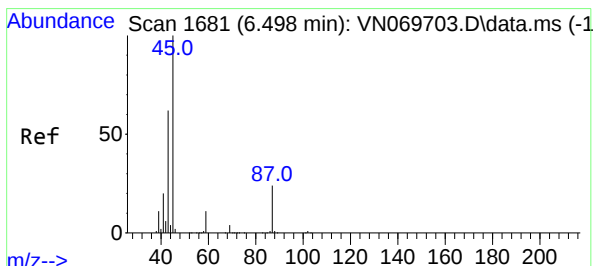
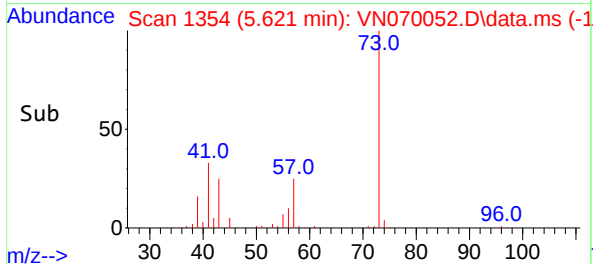
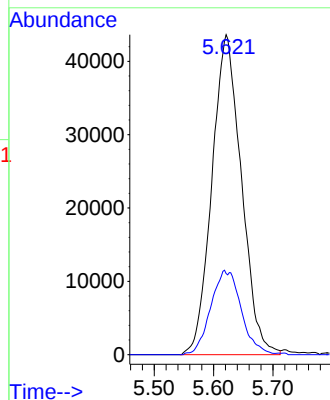
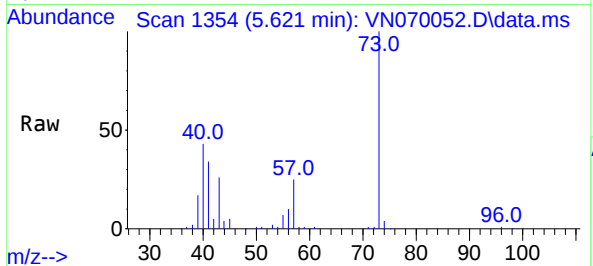
57 25.3 16.8 25.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 0.614 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN070052.D

Acq: 14 Dec 2021 00:59

Tgt Ion: 45 Resp: 28283

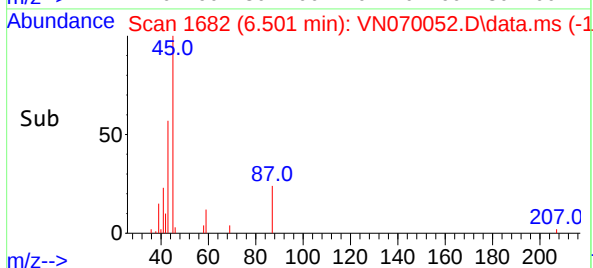
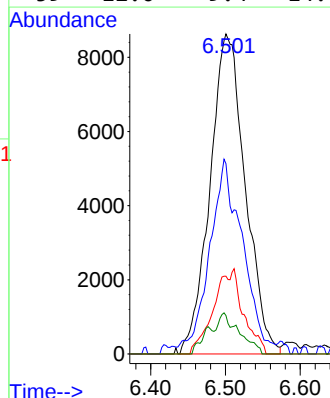
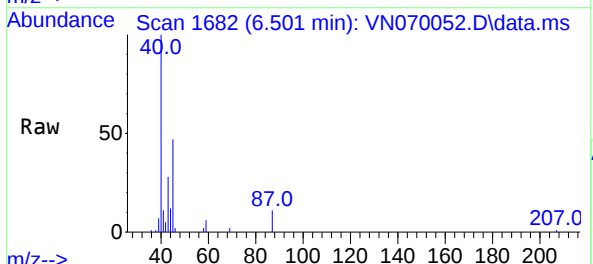
Ion Ratio Lower Upper

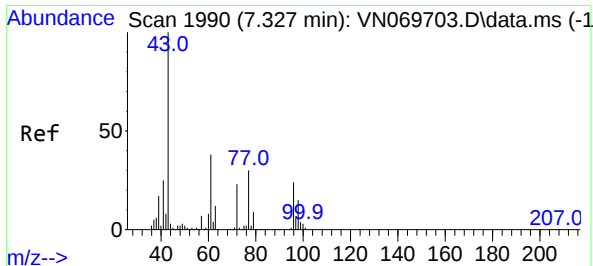
45 100

43 56.4 51.7 77.5

87 24.3 23.2 34.8

59 12.0 9.4 14.0





#27
 cis-1,2-Dichloroethene
 Concen: 1.090 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.002 min
 Lab File: VN070052.D
 Acq: 14 Dec 2021 00:59

Instrument :

MSVOA_N

ClientSampleId :

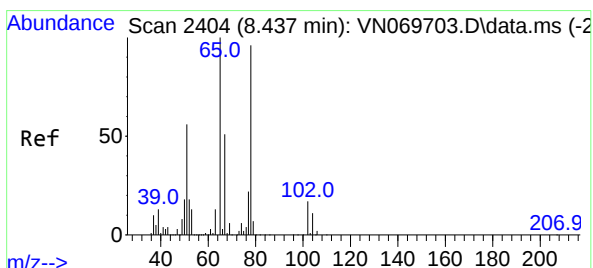
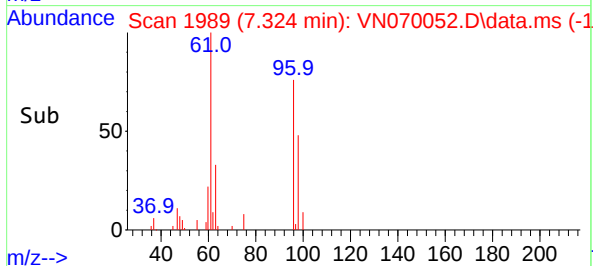
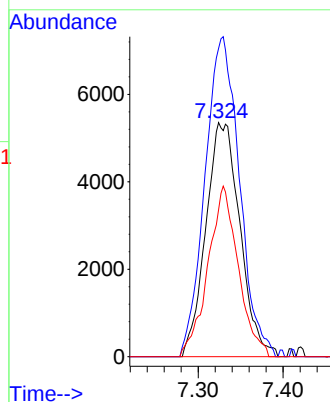
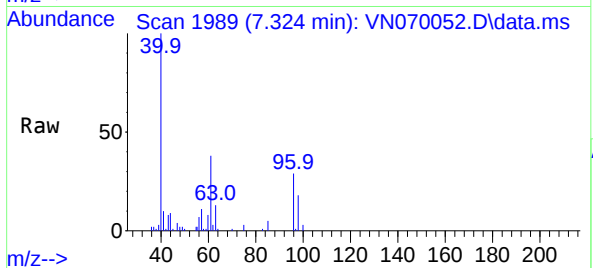
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Tgt Ion: 96 Resp: 1496
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 275.0
 98 64.4 0.0 129.6

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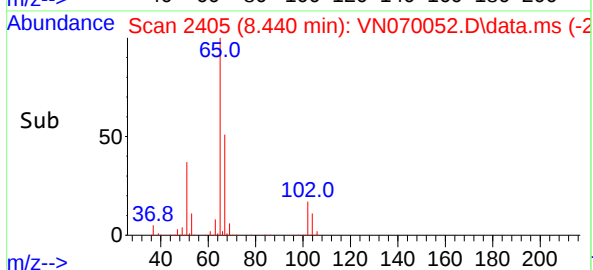
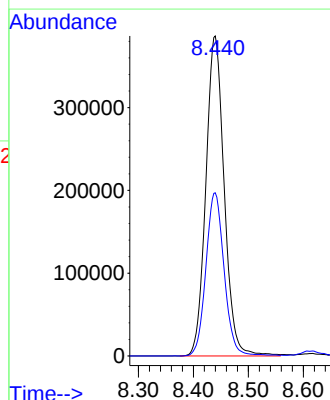
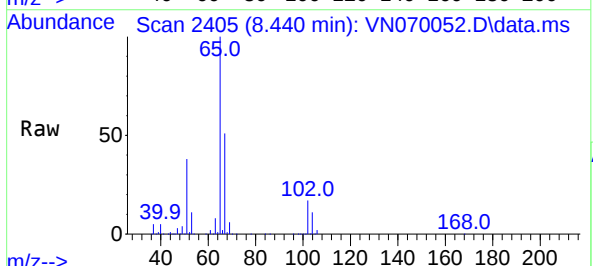
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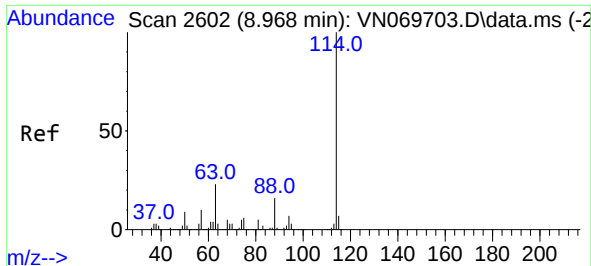
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 Supervised By :Amit Patel 12/15/2021



#33
 1,2-Dichloroethane-d4
 Concen: 52.998 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN070052.D
 Acq: 14 Dec 2021 00:59

Tgt Ion: 65 Resp: 898544
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0





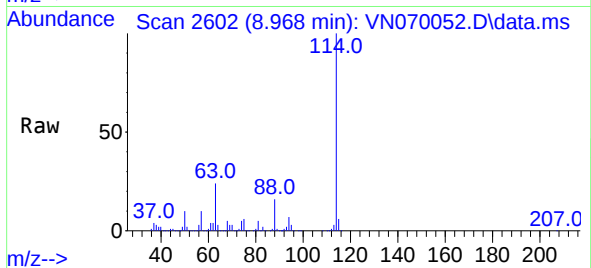
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-07

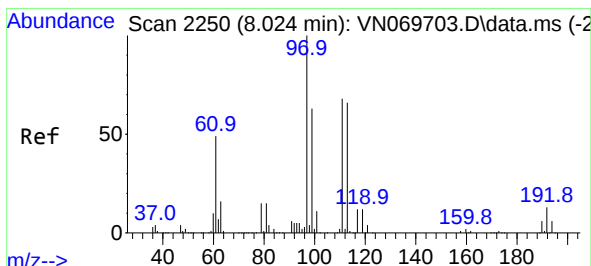
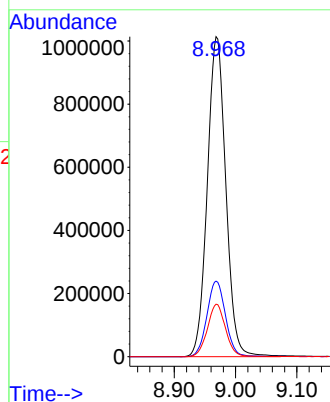
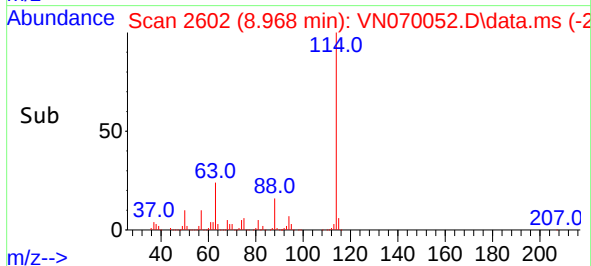


Tgt Ion:114 Resp: 2123639
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.4 0.0 27.4

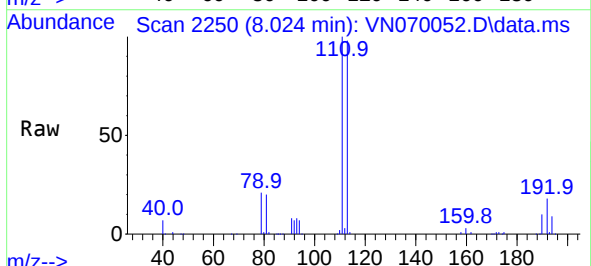
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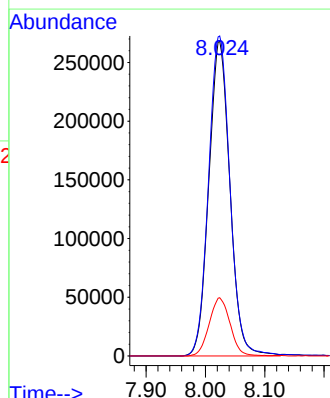
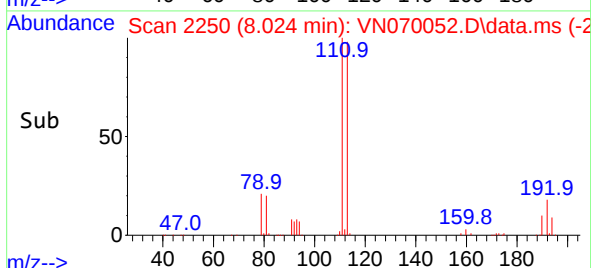
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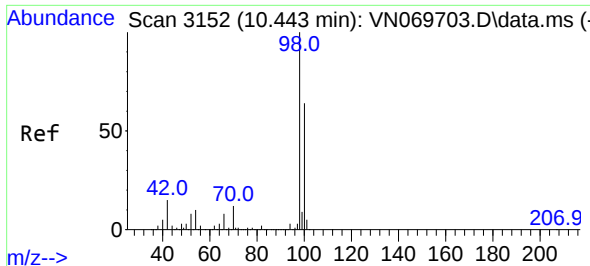


#35
Dibromofluoromethane
Concen: 49.723 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59



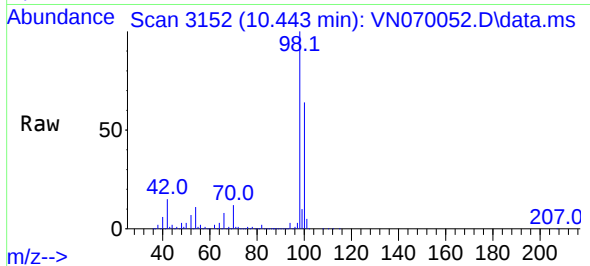
Tgt Ion:113 Resp: 661419
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.3 16.9 25.3





#50
Toluene-d8
Concen: 53.390 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

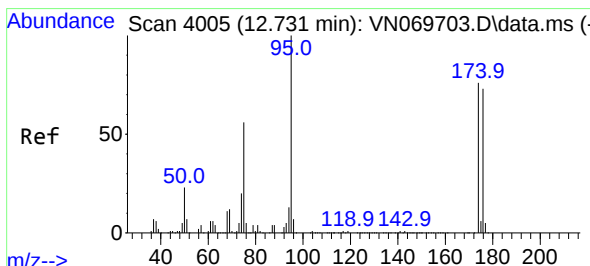
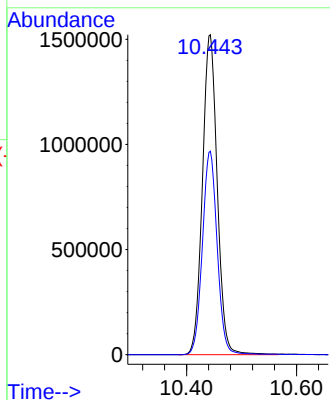
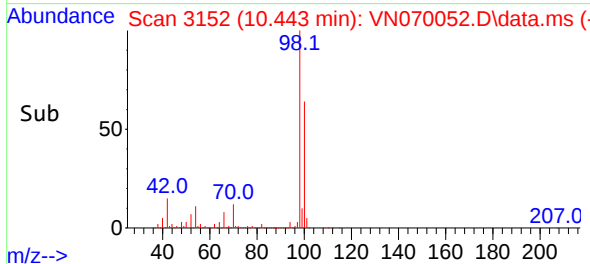
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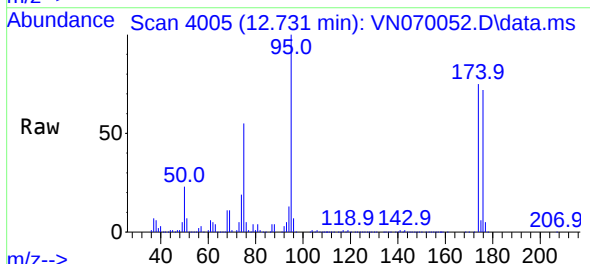
Tgt Ion: 98 Resp: 2851650
Ion Ratio Lower Upper
98 100
100 63.3 50.4 75.6

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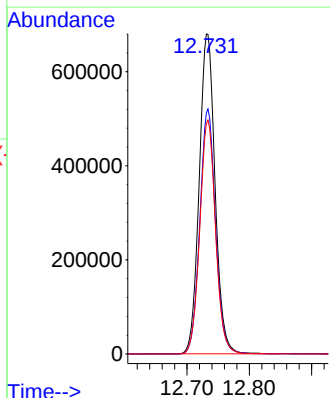
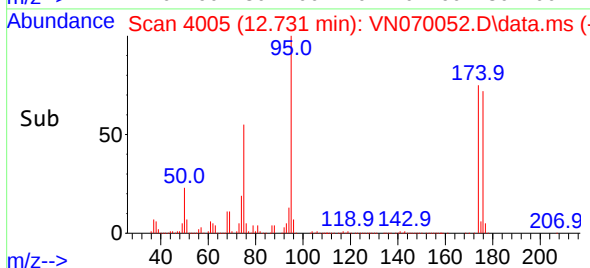
Reviewed By :John Carlone 12/14/2021
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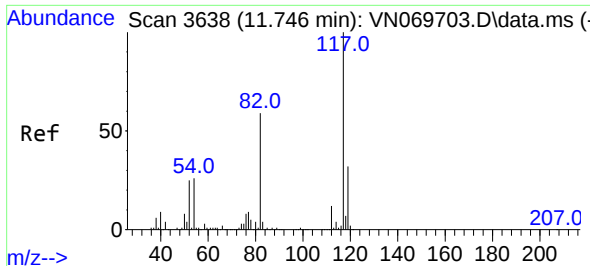


#62
4-Bromofluorobenzene
Concen: 62.066 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59



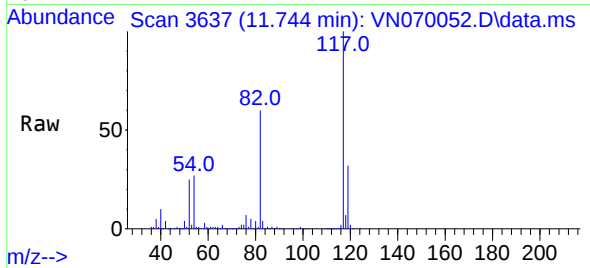
Tgt Ion: 95 Resp: 1200976
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 72.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070052.D
Acq: 14 Dec 2021 00:59

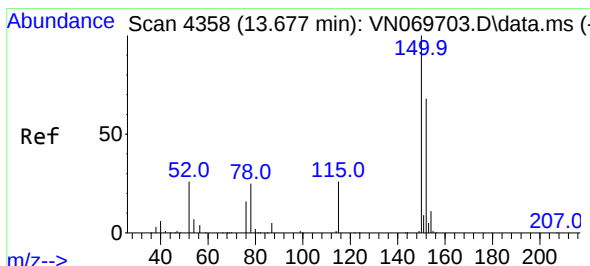
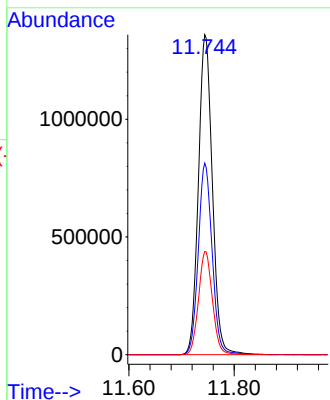
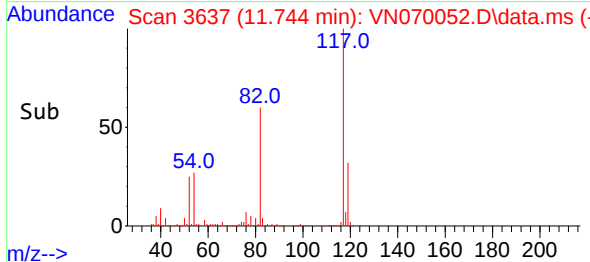
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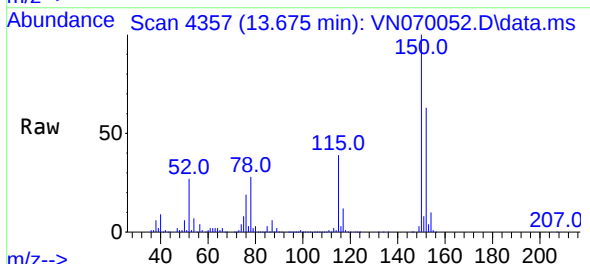
Tgt Ion:117 Resp: 2497328
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.3 25.4 38.2

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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: VN070052.D
Acq: 14 Dec 2021 00:59



Tgt Ion:152 Resp: 1005553
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.8 0.0 344.4

