

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069988.D
 Acq On : 11 Dec 2021 5:34
 Operator : JC/MD
 Sample : M4990-12
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 R8-6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 11 08:31:34 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	8.088	168	1058314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2098125	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2454960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1022973	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	885417	54.186	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.380%			
35) Dibromofluoromethane	8.024	113	644017	49.004	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.000%			
50) Toluene-d8	10.443	98	2770505	52.501	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.000%			
62) 4-Bromofluorobenzene	12.731	95	1184760	61.972	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 123.940%			
Target Compounds					Qvalue	
16) Acetone	4.296	43	66626	6.778	ug/l	94
18) Methyl Acetate	4.856	43	48344m	1.629	ug/l	
20) Methylene Chloride	5.095	84	53926	4.127	ug/l	86
43) Isopropyl Acetate	8.566	43	155589	3.537	ug/l #	80

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

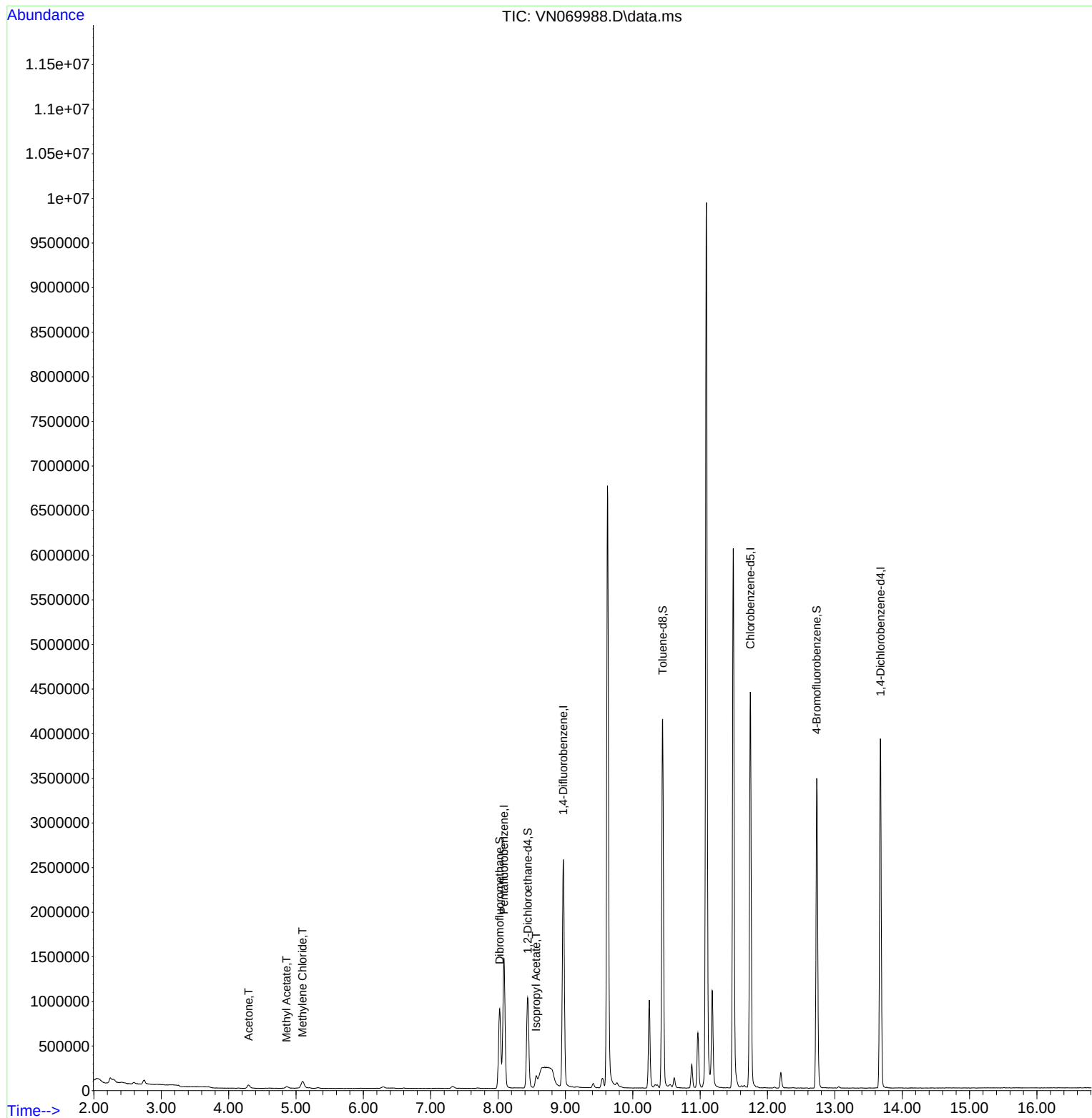
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
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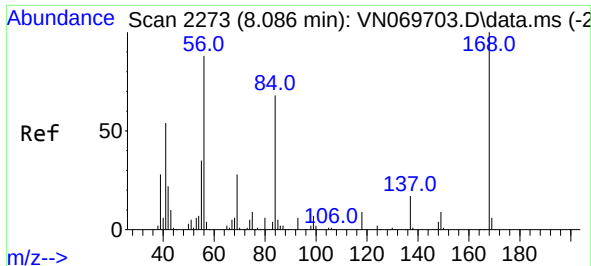
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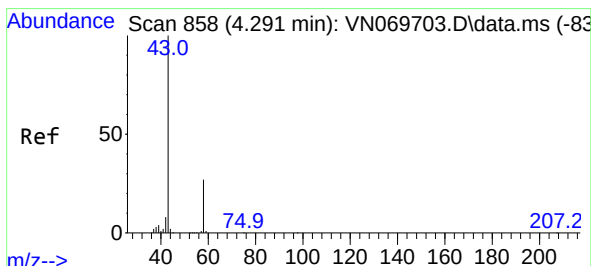
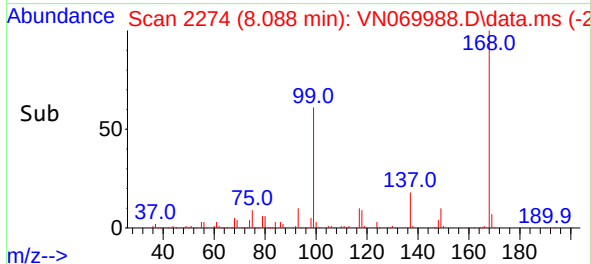
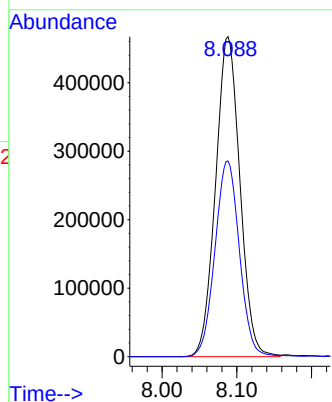
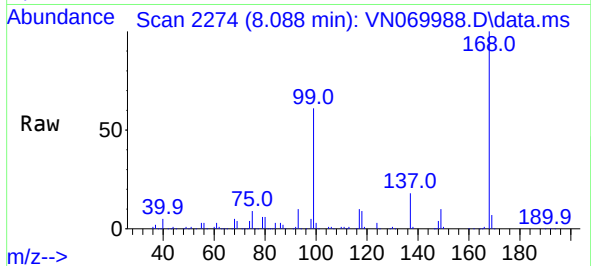
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

Instrument :
MSVOA_N
ClientSampleId :
R8-6

Tgt Ion:168 Resp: 1058314
Ion Ratio Lower Upper
168 100
99 61.2 41.3 61.9

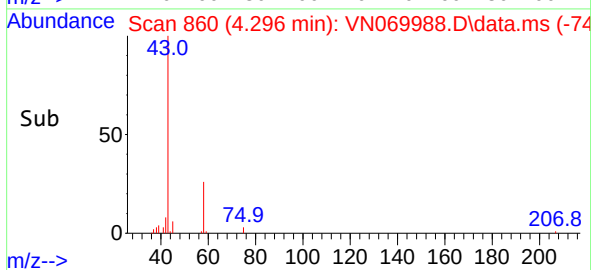
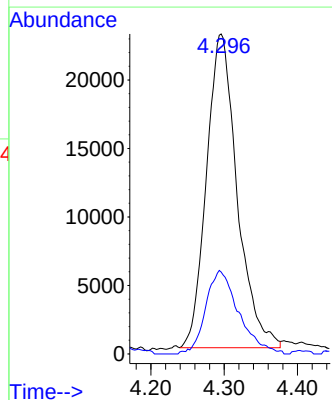
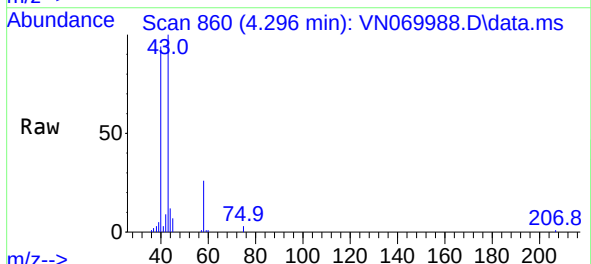
Manual Integrations
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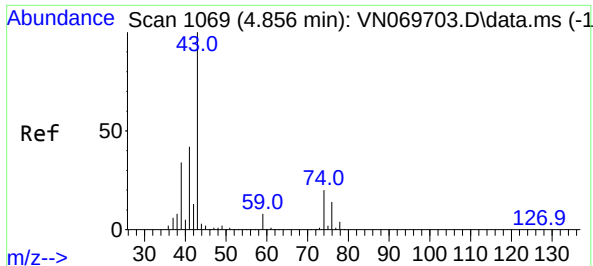
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#16
Acetone
Concen: 6.778 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

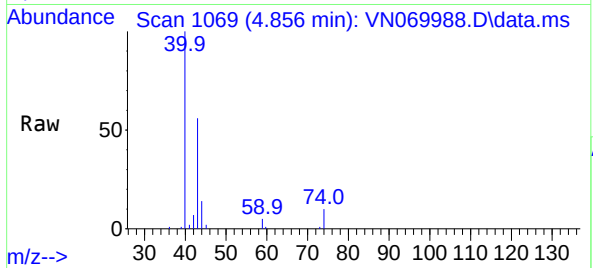
Tgt Ion: 43 Resp: 66626
Ion Ratio Lower Upper
43 100
58 25.5 23.1 34.7





#18
Methyl Acetate
Concen: 1.629 ug/l m
RT: 4.856 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

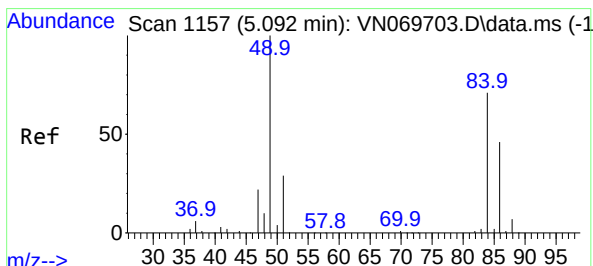
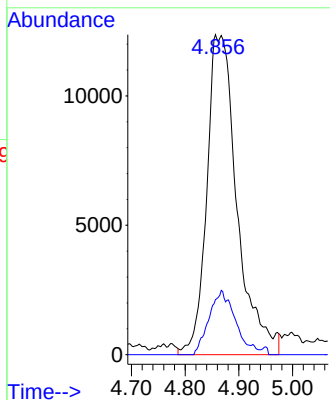
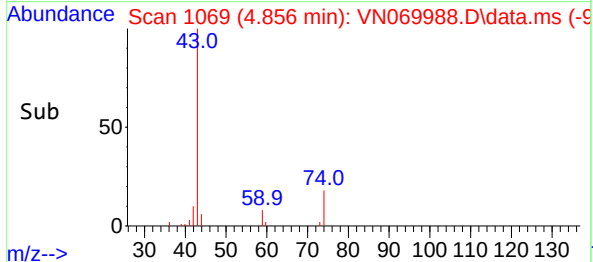
Instrument :
MSVOA_N
ClientSampleId :
R8-6



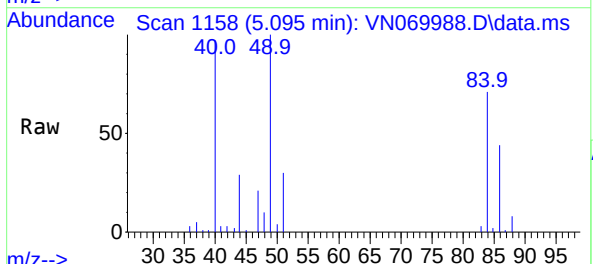
Tgt Ion: 43 Resp: 48344
Ion Ratio Lower Upper
43 100
74 16.9 19.4 29.2

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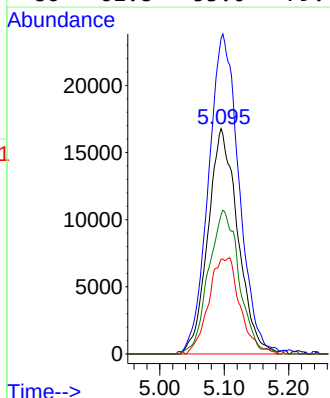
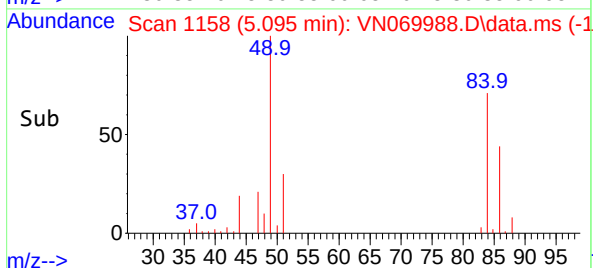
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

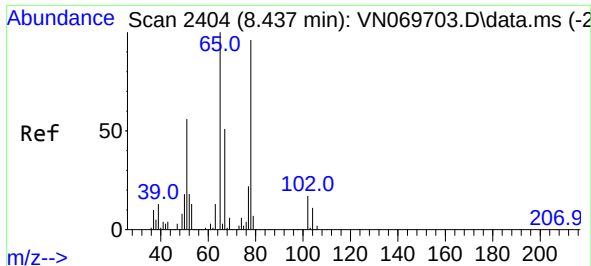


#20
Methylene Chloride
Concen: 4.127 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34



Tgt Ion: 84 Resp: 53926
Ion Ratio Lower Upper
84 100
49 139.0 93.5 140.3
51 42.1 29.4 44.2
86 61.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 54.186 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN069988.D

Acq: 11 Dec 2021 5:34

Instrument :

MSVOA_N

ClientSampleId :

R8-6

Tgt Ion: 65 Resp: 88541

Ion Ratio Lower Upper

65 100

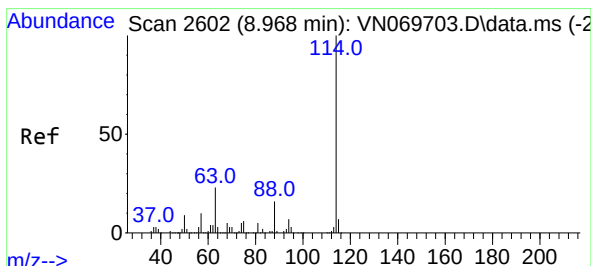
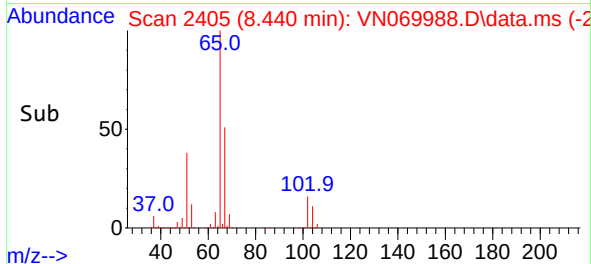
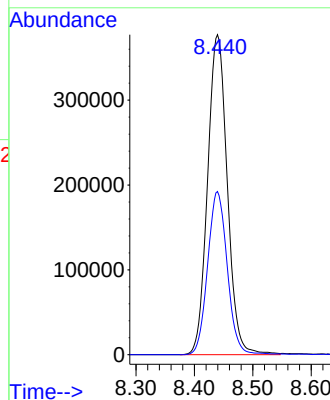
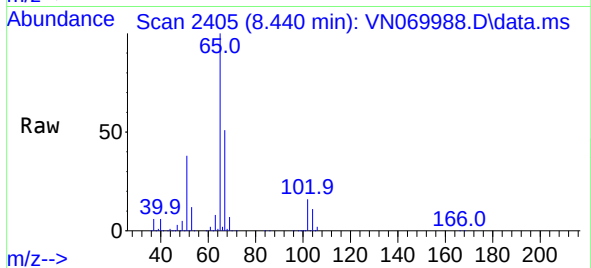
67 50.7 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN069988.D

Acq: 11 Dec 2021 5:34

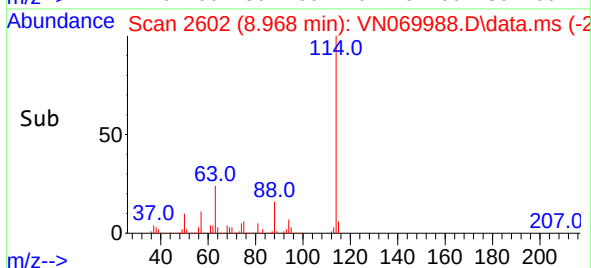
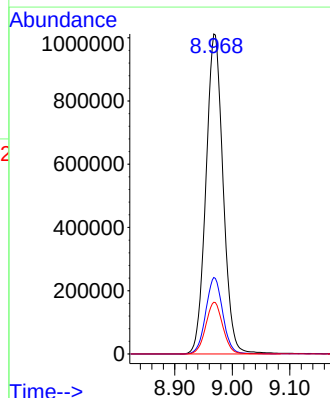
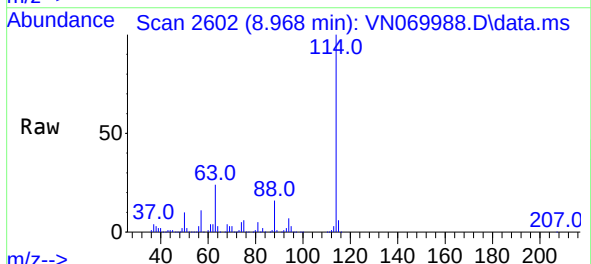
Tgt Ion:114 Resp: 2098125

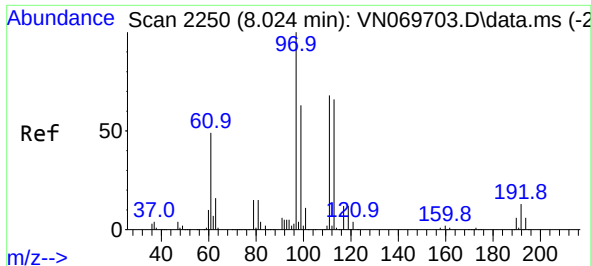
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

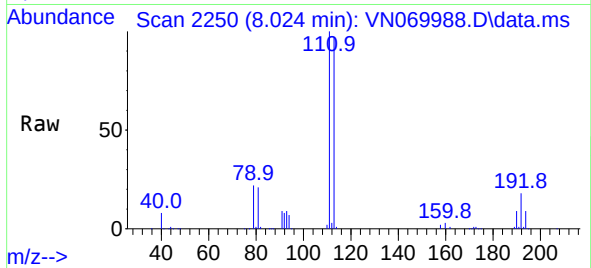
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.004 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

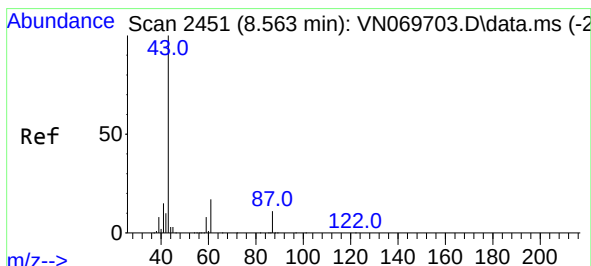
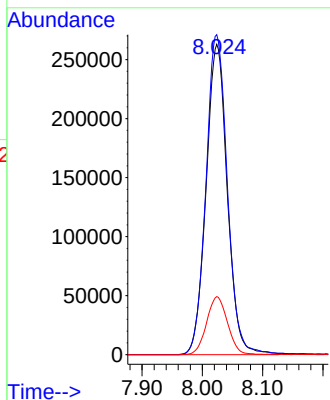
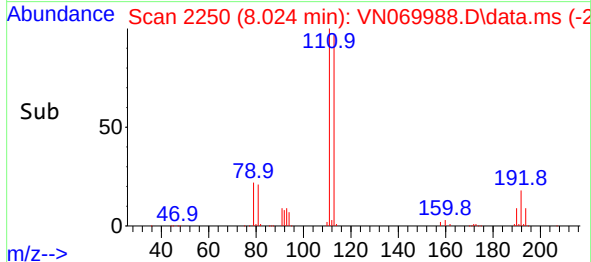
Instrument :
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ClientSampleId :
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Tgt Ion:113 Resp: 64401
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 18.4 16.9 25.3

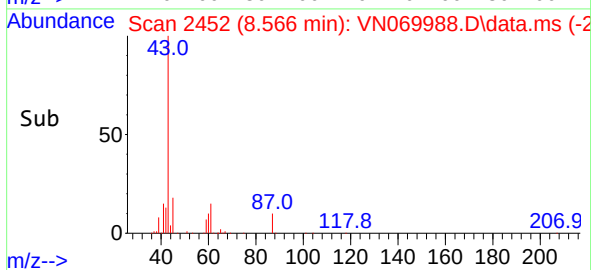
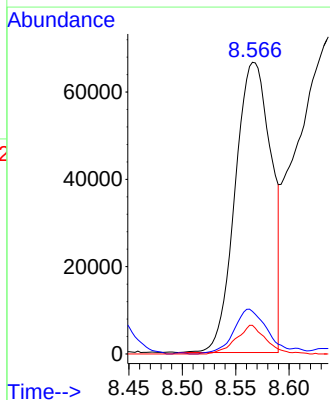
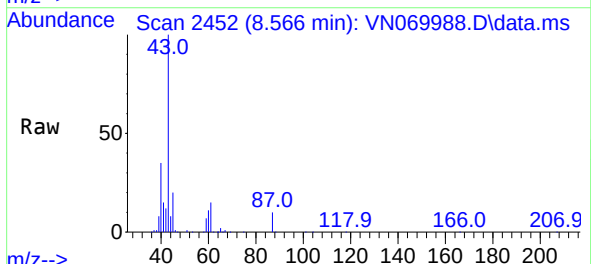
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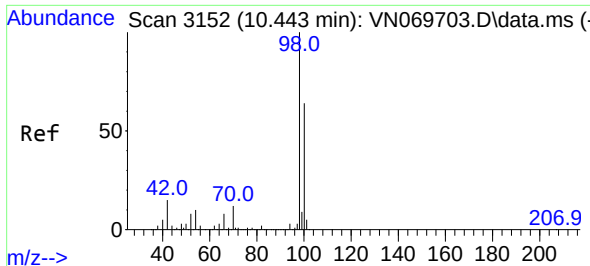
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#43
Isopropyl Acetate
Concen: 3.537 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

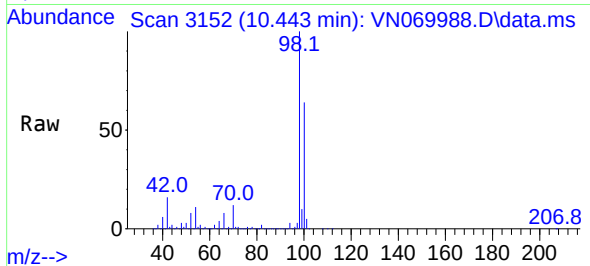
Tgt Ion: 43 Resp: 155589
Ion Ratio Lower Upper
43 100
61 14.2 20.4 30.6#
87 8.1 11.2 16.8#





#50
Toluene-d8
Concen: 52.501 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

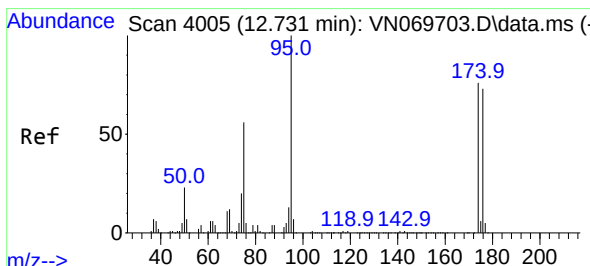
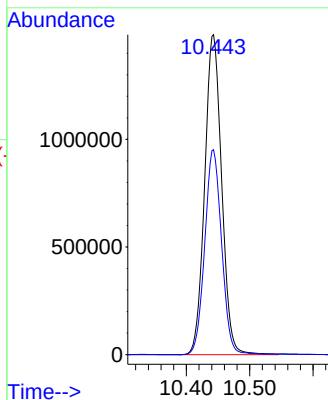
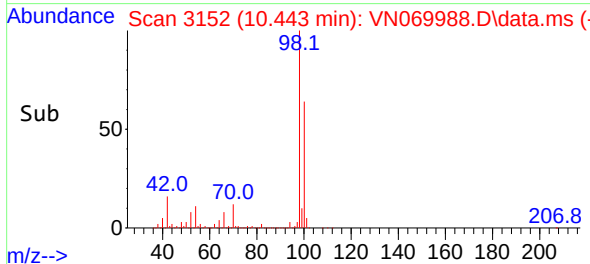
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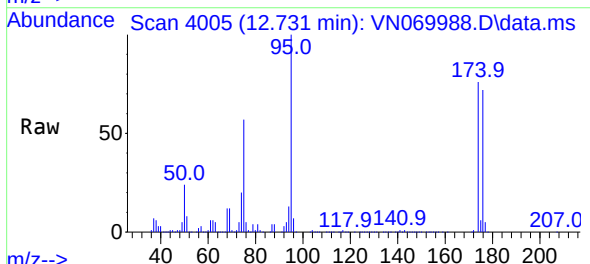
Tgt Ion: 98 Resp: 277050
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6

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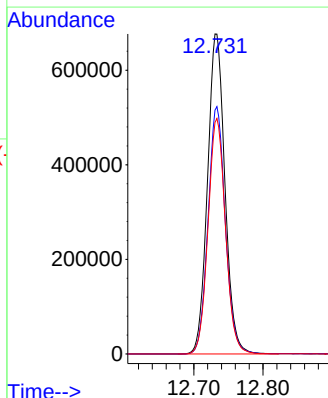
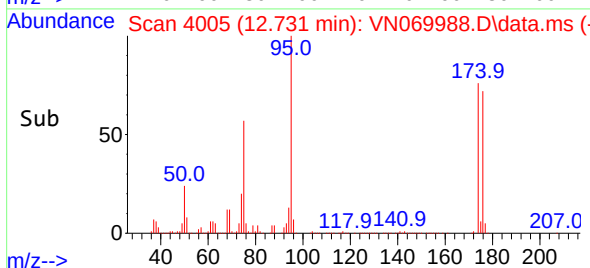
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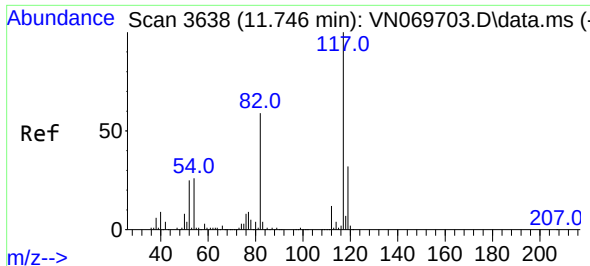


#62
4-Bromofluorobenzene
Concen: 61.972 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34



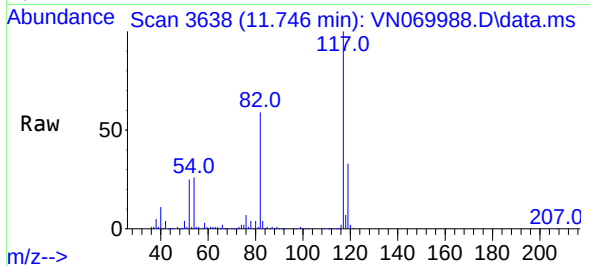
Tgt Ion: 95 Resp: 1184760
Ion Ratio Lower Upper
95 100
174 76.8 0.0 187.2
176 73.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34

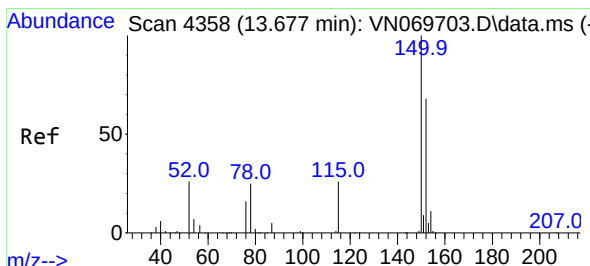
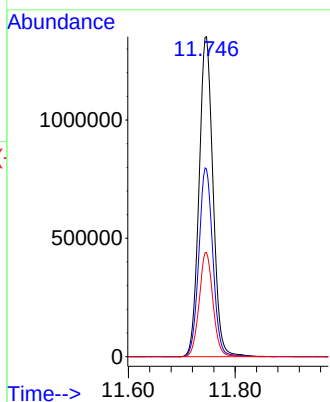
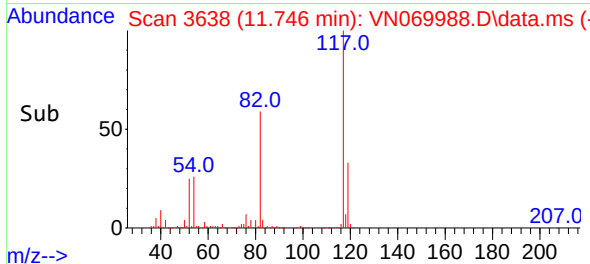
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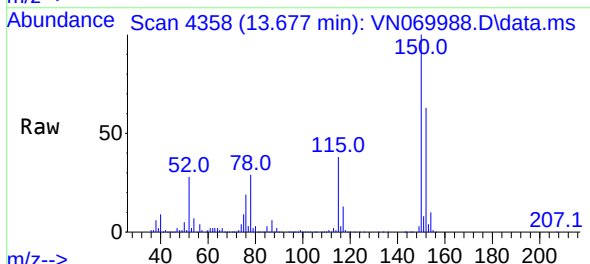
Tgt Ion:117 Resp: 2454960
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.6 25.4 38.2

Manual Integrations
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Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN069988.D
Acq: 11 Dec 2021 5:34



Tgt Ion:152 Resp: 1022973
Ion Ratio Lower Upper
152 100
115 60.8 27.5 82.5
150 157.4 0.0 344.4

