

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070702.D
 Acq On : 19 Jan 2022 16:12
 Operator : JC/MD
 Sample : N1145-08
 Misc : 5.98g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3-8-5.5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:40:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	1021036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1641747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1356113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	675838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	665168	45.457	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.920%		
35) Dibromofluoromethane	8.019	113	463223	45.486	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.980%		
50) Toluene-d8	10.440	98	2111820	49.225	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.731	95	736964	48.206	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.420%		
Target Compounds					Qvalue	
16) Acetone	4.304	43	203696	20.056	ug/l	98
39) Methylcyclohexane	9.454	83	3045595	143.897	ug/l #	75
40) Benzene	8.453	78	65458	1.232	ug/l	99
52) Toluene	10.505	92	195507	6.153	ug/l	98
67) Ethyl Benzene	11.840	91	16608317	304.884	ug/l	96
68) m/p-Xylenes	11.953	106	1505809	75.986	ug/l	91
69) o-Xylene	12.280	106	87566	4.453	ug/l	85
73) Isopropylbenzene	12.578	105	2926431	45.770	ug/l	98
78) n-propylbenzene	12.919	91	12986732	181.621	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	5262397	101.777	ug/l	97
84) 1,2,4-Trimethylbenzene	13.367	105	2997710	60.316	ug/l	97
85) sec-Butylbenzene	13.501	105	1518224	24.812	ug/l #	59
86) p-Isopropyltoluene	13.616	119	530967	11.046	ug/l	93
89) n-Butylbenzene	13.940	91	3612508m	91.101	ug/l	
95) Naphthalene	15.504	128	6818832	180.264	ug/l	100

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

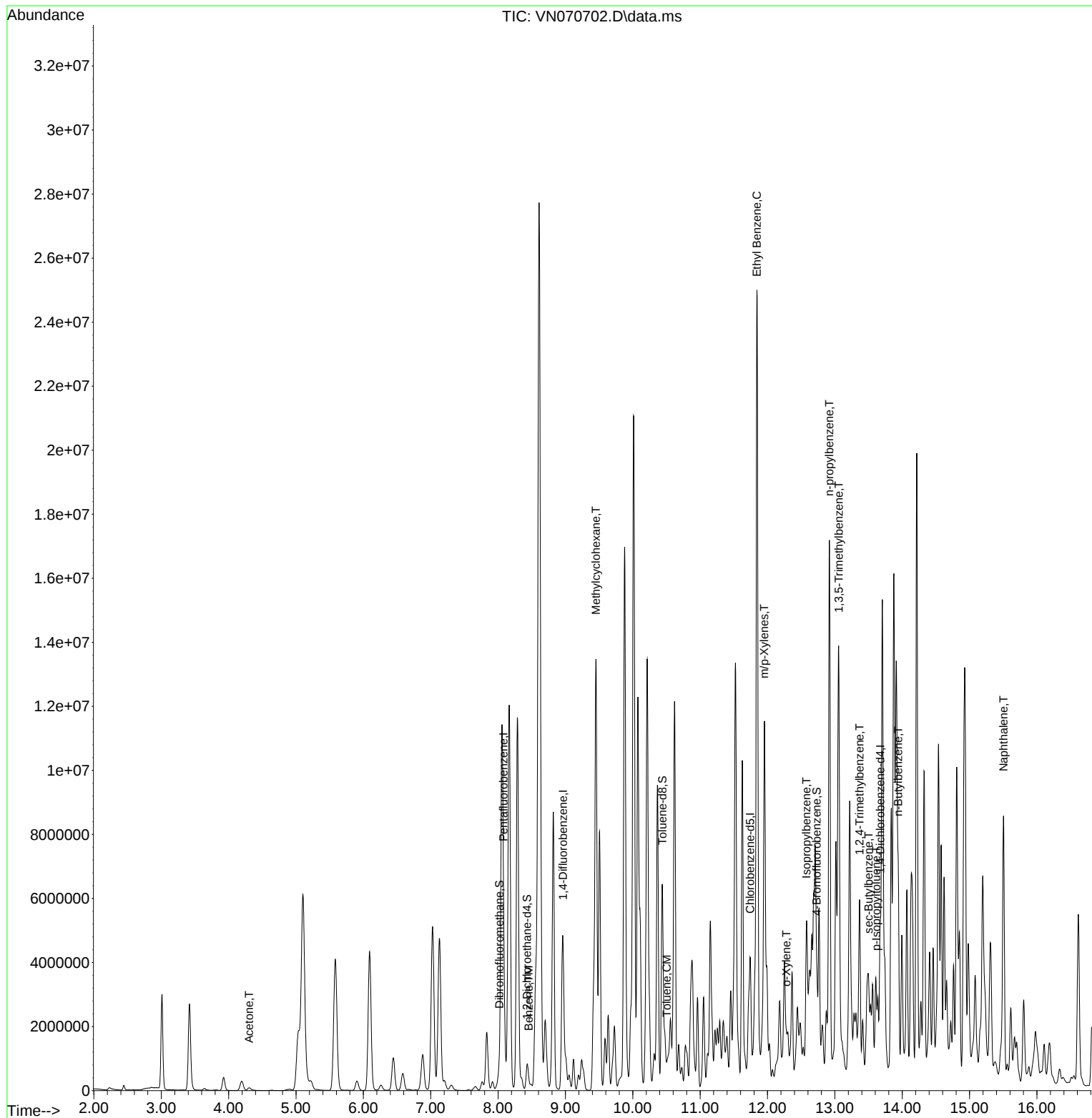
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
Data File : VN070702.D
Acq On : 19 Jan 2022 16:12
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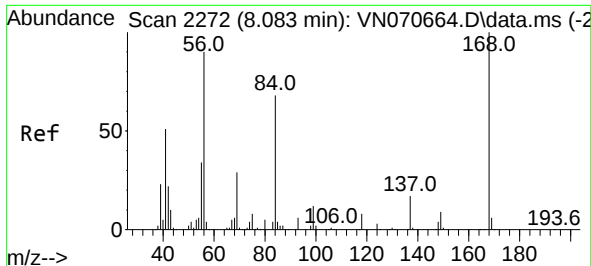
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5

Quant Time: Jan 20 03:40:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
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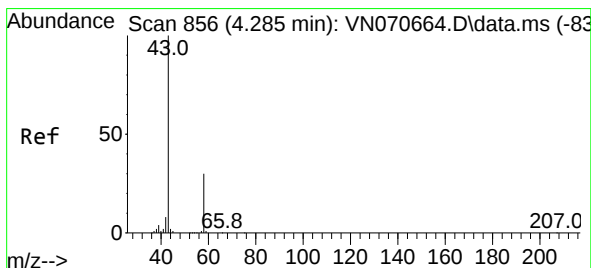
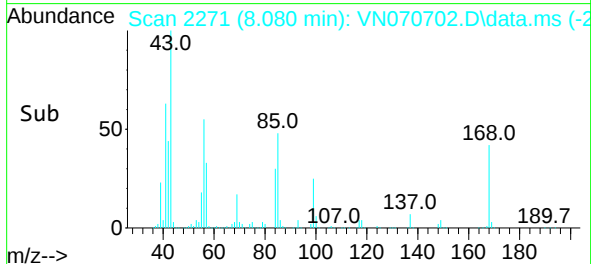
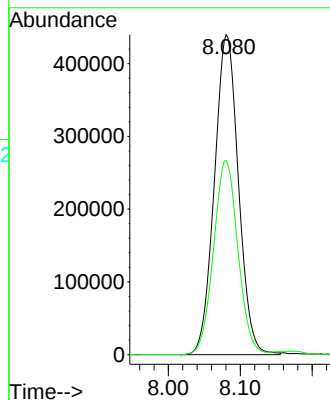
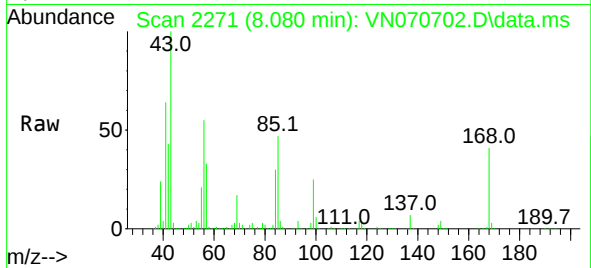
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5

Tgt Ion:168 Resp: 1021030
Ion Ratio Lower Upper
168 100
99 60.6 41.3 61.9

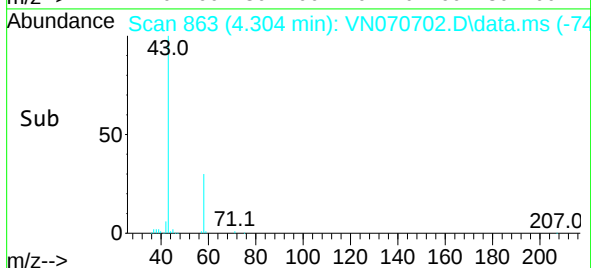
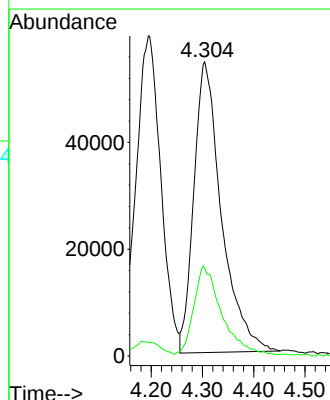
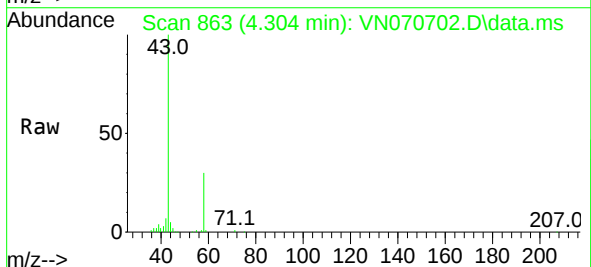
Manual Integrations
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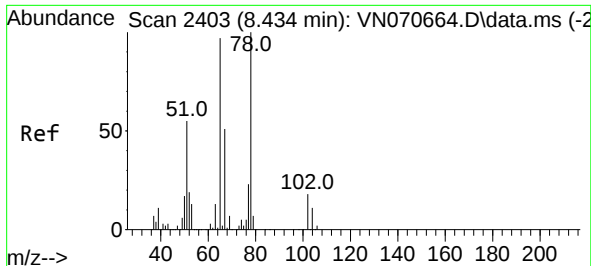
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#16
Acetone
Concen: 20.056 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

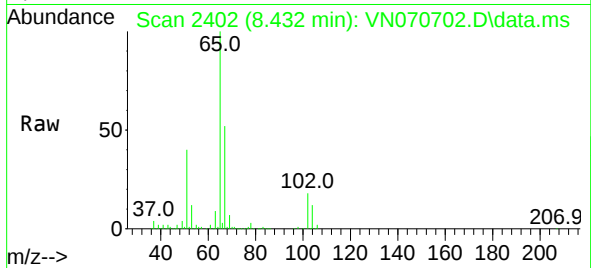
Tgt Ion: 43 Resp: 203696
Ion Ratio Lower Upper
43 100
58 29.9 23.1 34.7





#33
 1,2-Dichloroethane-d4
 Concen: 45.457 ug/l
 RT: 8.432 min Scan# 2403
 Delta R.T. -0.002 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

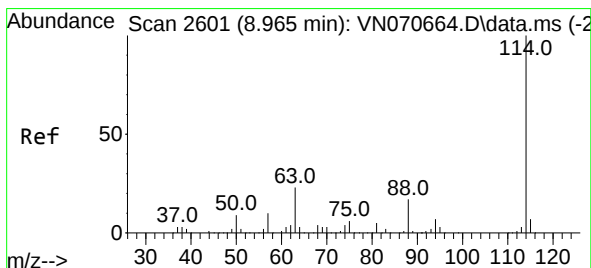
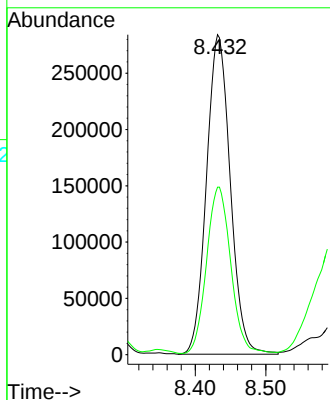
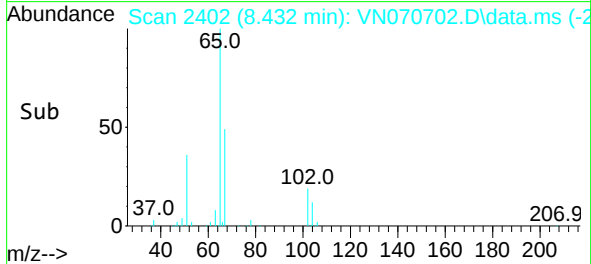
Instrument :
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 ClientSampleId :
 A3-8-5.5



Tgt Ion: 65 Resp: 665168
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 103.0

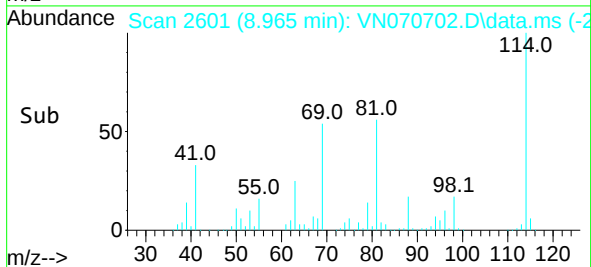
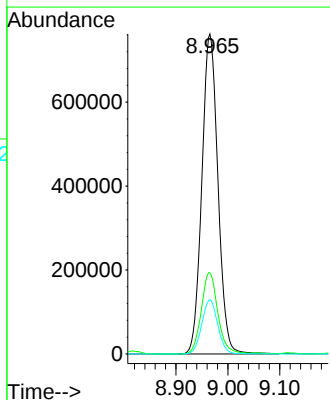
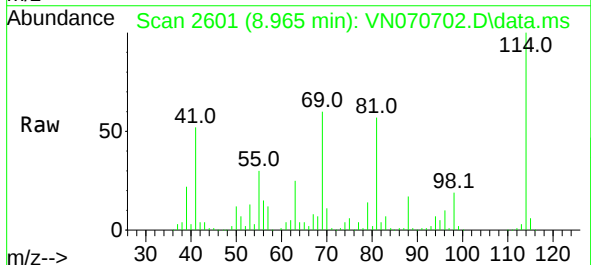
Manual Integrations
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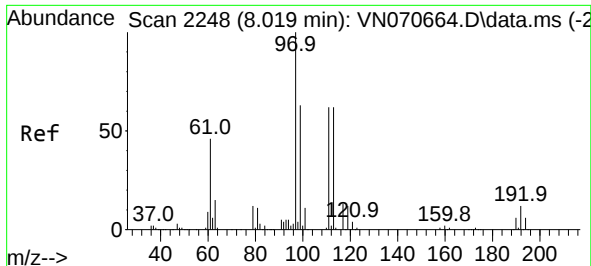
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.965 min Scan# 2601
 Delta R.T. 0.000 min
 Lab File: VN070702.D
 Acq: 19 Jan 2022 16:12

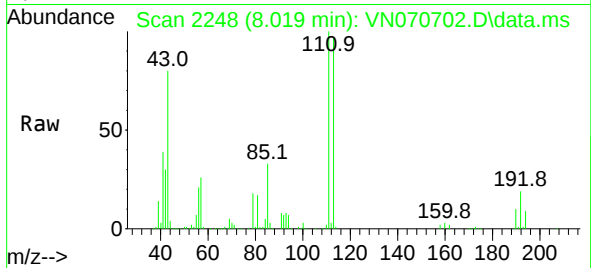
Tgt Ion:114 Resp: 1641747
 Ion Ratio Lower Upper
 114 100
 63 25.4 0.0 37.8
 88 16.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 45.486 ug/l
RT: 8.019 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

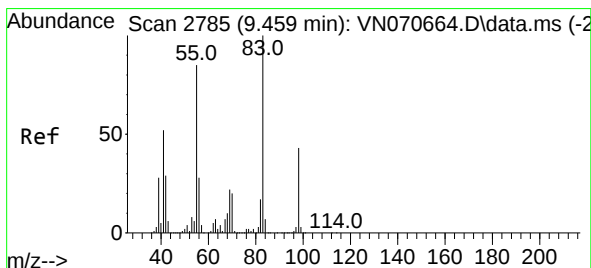
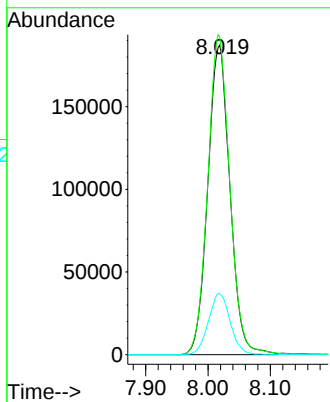
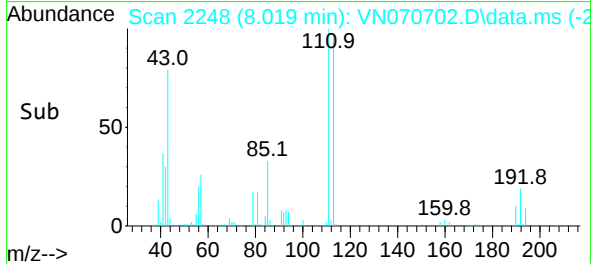
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



Tgt Ion: 113 Resp: 46322
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.4 16.9 25.3

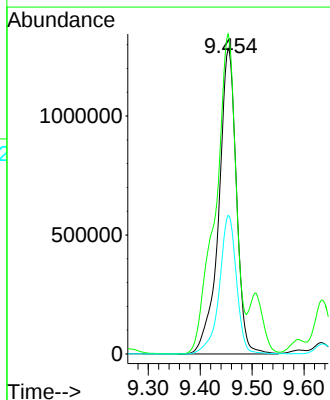
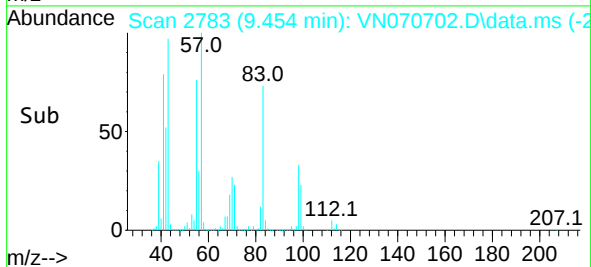
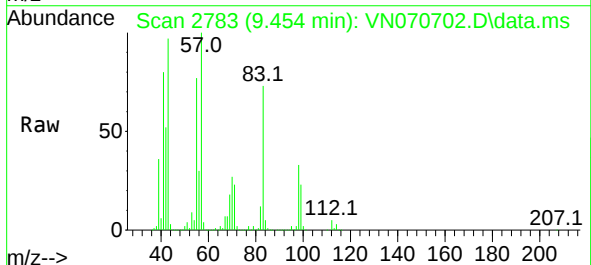
Manual Integrations
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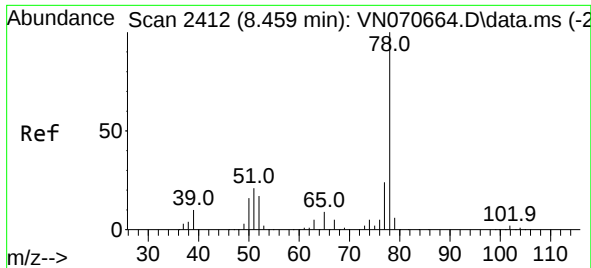
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#39
Methylcyclohexane
Concen: 143.897 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.005 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 83 Resp: 3045595
Ion Ratio Lower Upper
83 100
55 104.7 58.1 87.1#
98 45.4 38.4 57.6





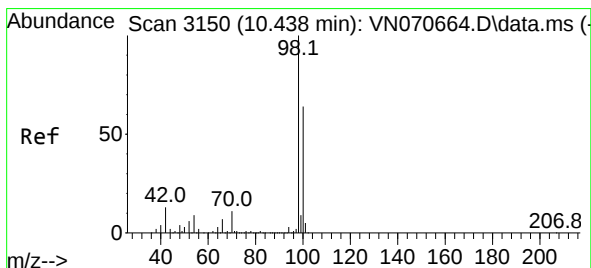
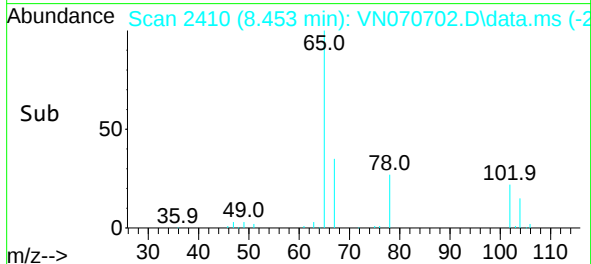
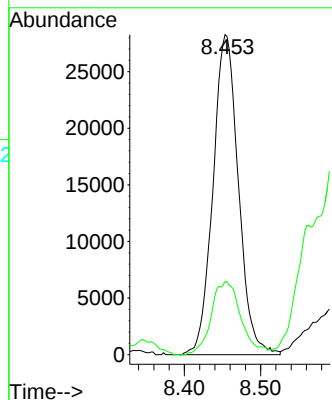
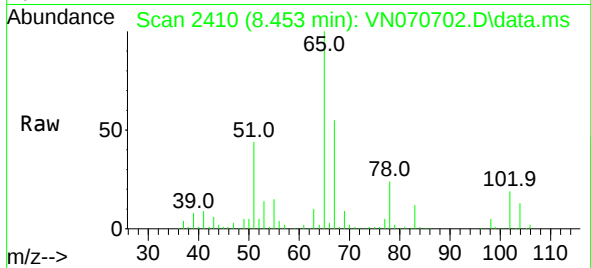
#40
Benzene
Concen: 1.232 ug/l
RT: 8.453 min Scan# 2412
Delta R.T. -0.006 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5

Tgt Ion: 78 Resp: 65458
Ion Ratio Lower Upper
78 100
77 22.9 18.6 27.8

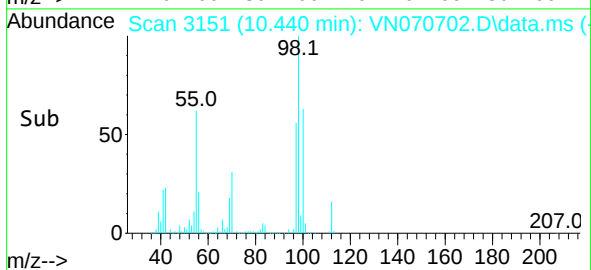
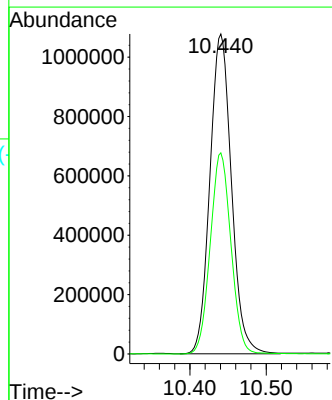
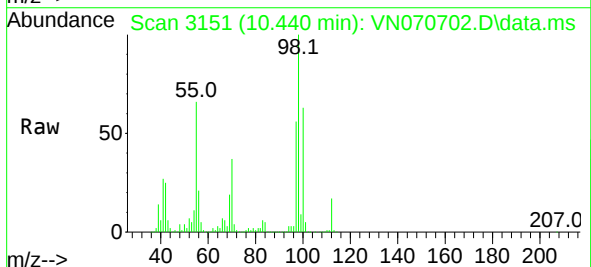
Manual Integrations
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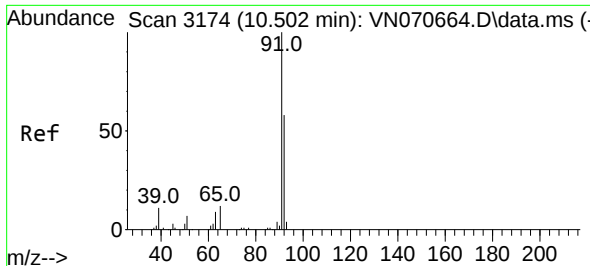
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

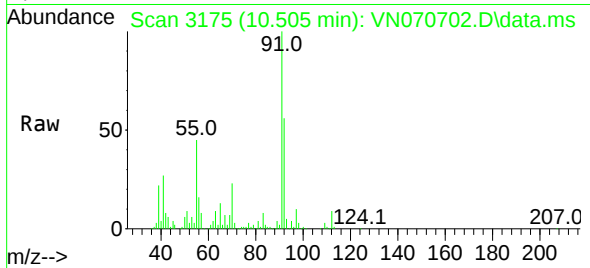
Tgt Ion: 98 Resp: 2111820
Ion Ratio Lower Upper
98 100
100 60.6 50.4 75.6





#52
Toluene
Concen: 6.153 ug/l
RT: 10.505 min Scan# 3174
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

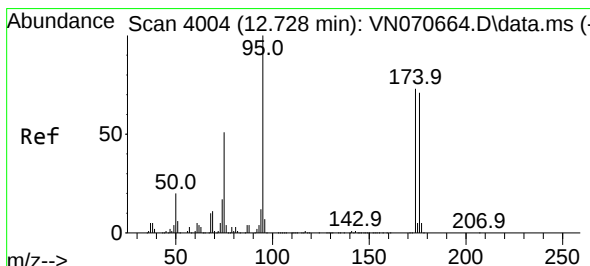
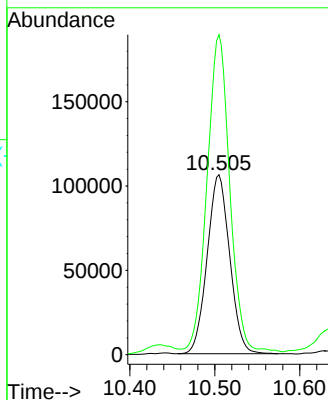
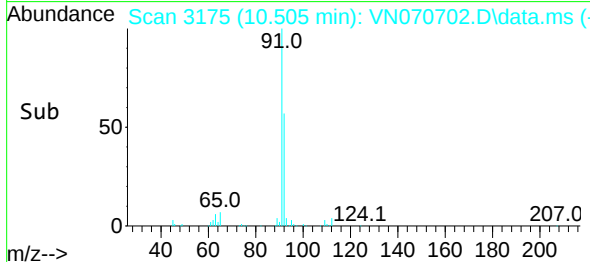
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



Tgt Ion: 92 Resp: 19550
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0

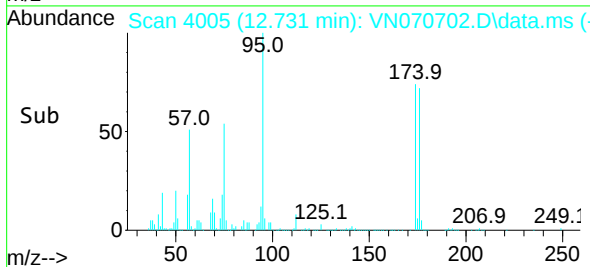
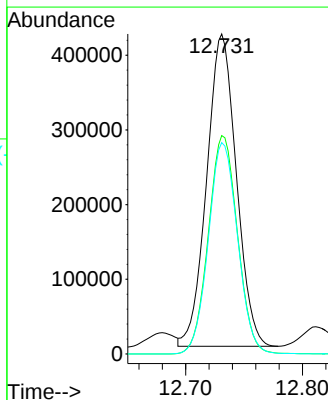
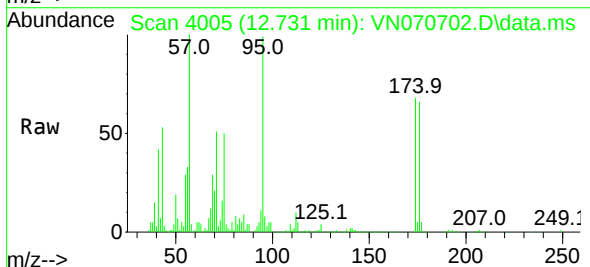
Manual Integrations
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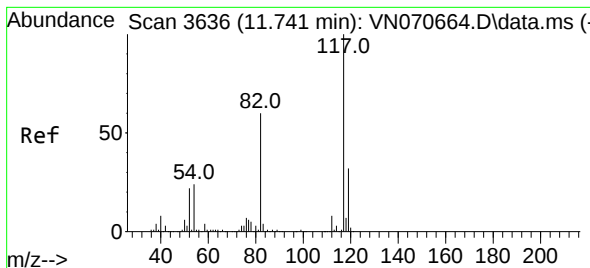
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#62
4-Bromofluorobenzene
Concen: 48.206 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Tgt Ion: 95 Resp: 736964
Ion Ratio Lower Upper
95 100
174 69.0 0.0 187.2
176 66.7 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3636

Delta R.T. 0.003 min

Lab File: VN070702.D

Acq: 19 Jan 2022 16:12

Instrument :

MSVOA_N

ClientSampleId :

A3-8-5.5

Tgt Ion:117 Resp: 135611

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

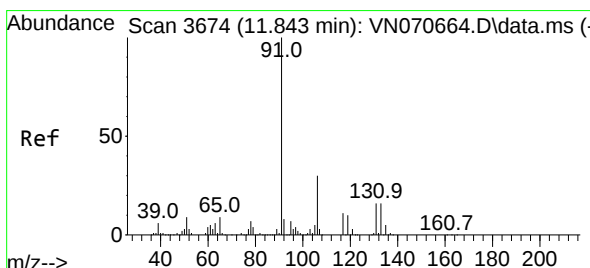
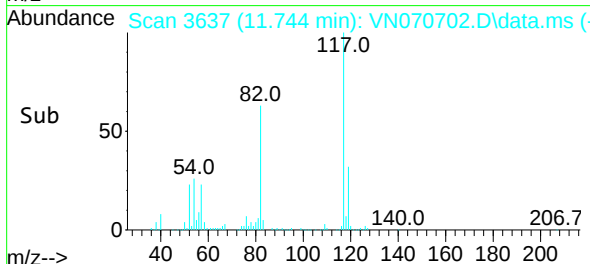
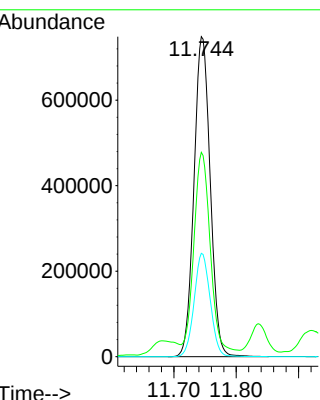
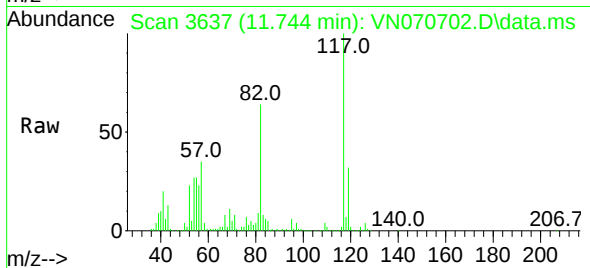
119 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#67

Ethyl Benzene

Concen: 304.884 ug/l

RT: 11.840 min Scan# 3673

Delta R.T. -0.003 min

Lab File: VN070702.D

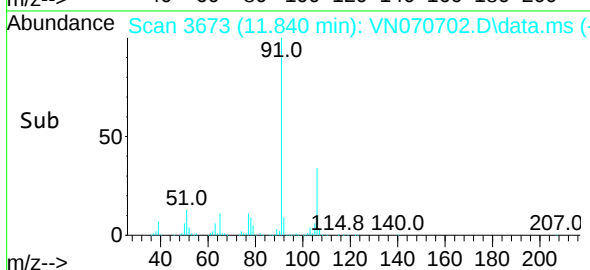
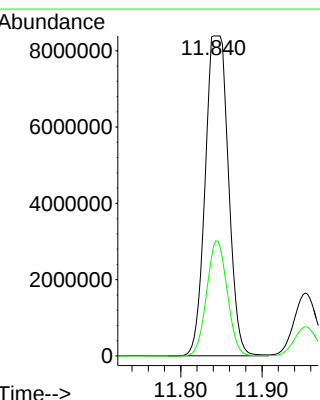
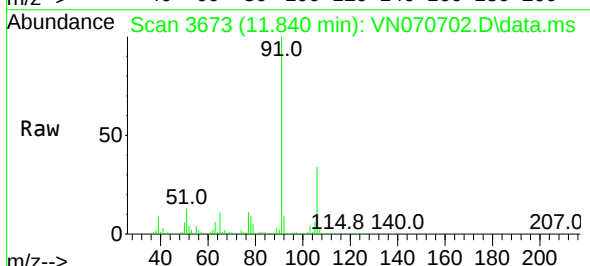
Acq: 19 Jan 2022 16:12

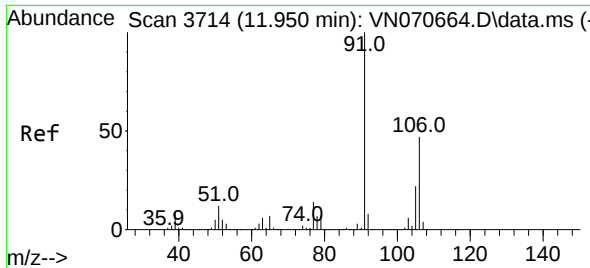
Tgt Ion: 91 Resp:16608317

Ion Ratio Lower Upper

91 100

106 34.3 25.7 38.5





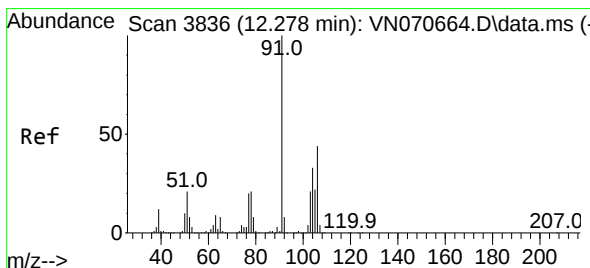
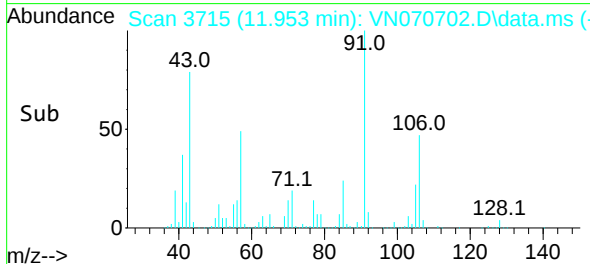
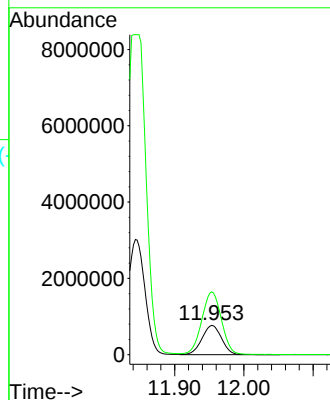
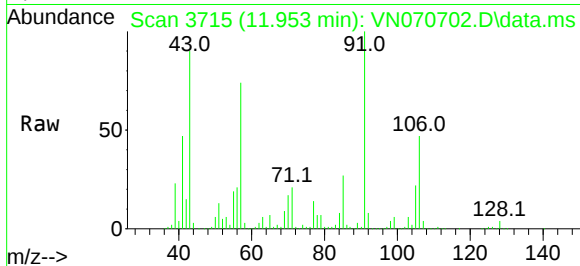
#68
m/p-Xylenes
Concen: 75.986 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5

Tgt Ion:106 Resp: 1505809
Ion Ratio Lower Upper
106 100
91 214.7 160.6 240.8

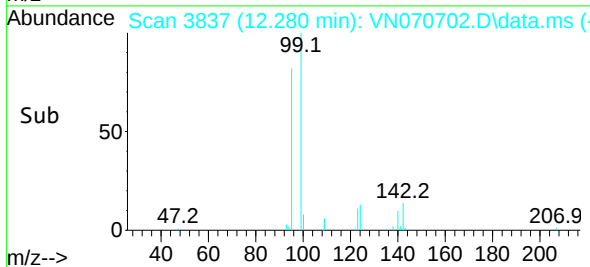
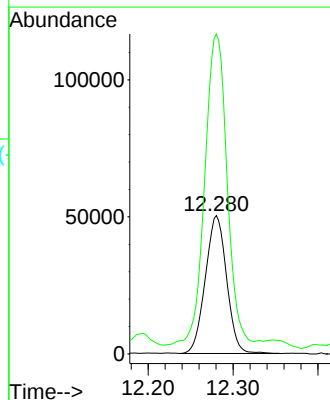
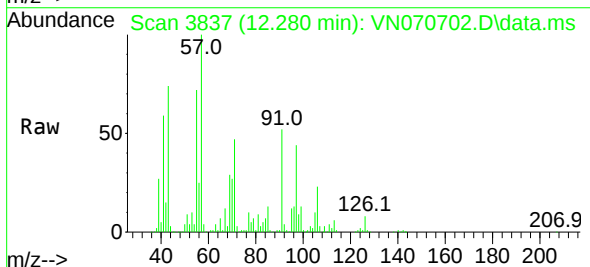
Manual Integrations
APPROVED

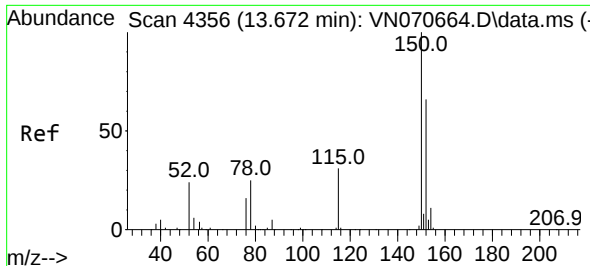
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#69
o-Xylene
Concen: 4.453 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

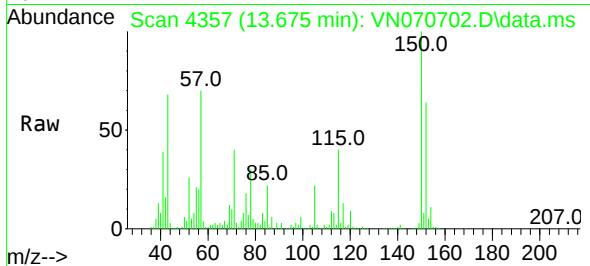
Tgt Ion:106 Resp: 87566
Ion Ratio Lower Upper
106 100
91 234.8 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4356
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

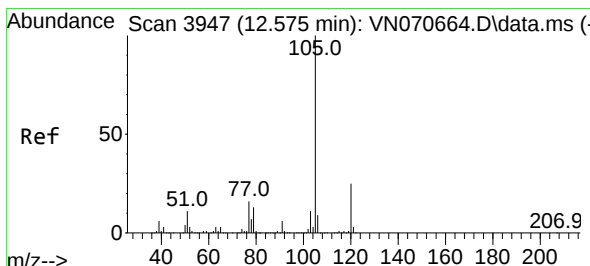
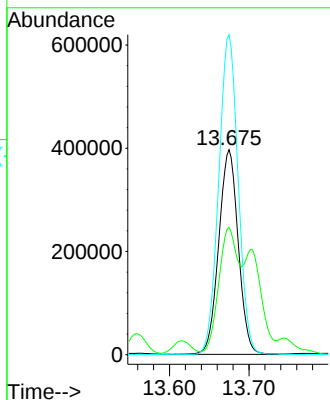
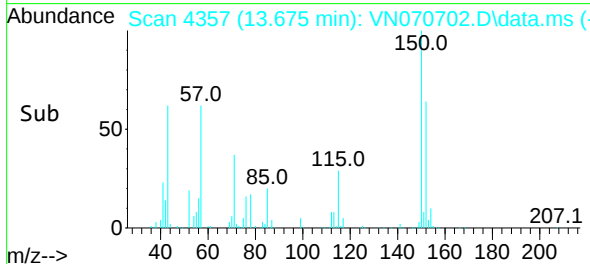
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



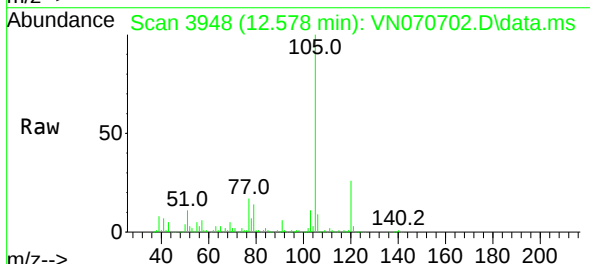
Tgt Ion:152 Resp: 675838
Ion Ratio Lower Upper
152 100
115 61.6 27.5 82.5
150 155.5 0.0 344.4

Manual Integrations
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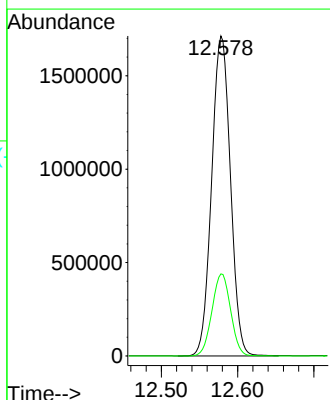
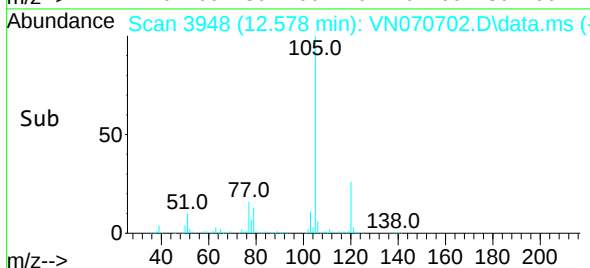
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

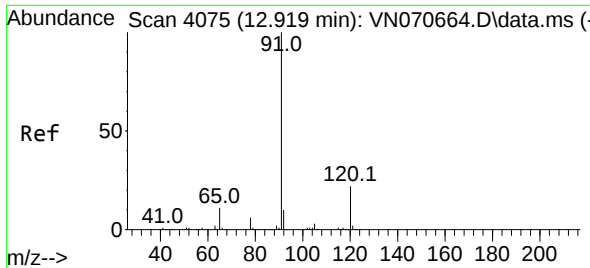


#73
Isopropylbenzene
Concen: 45.770 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12



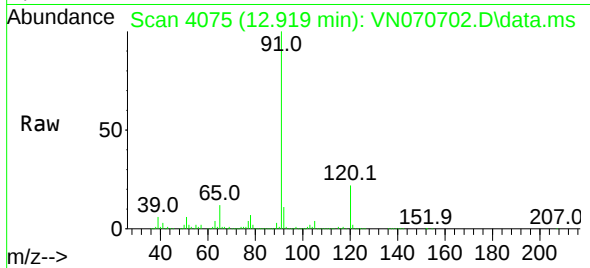
Tgt Ion:105 Resp: 2926431
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1





#78
n-propylbenzene
Concen: 181.621 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

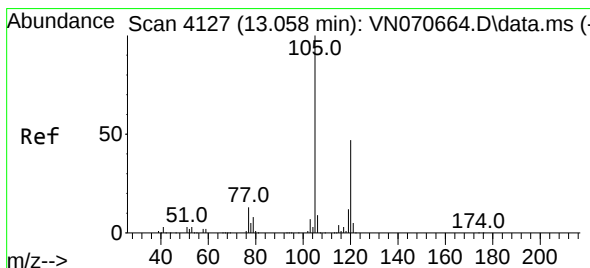
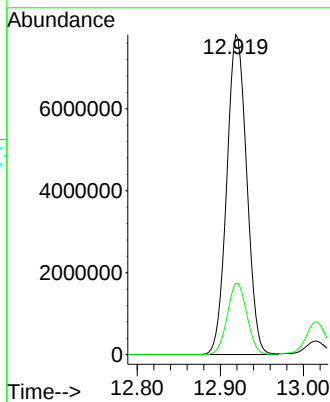
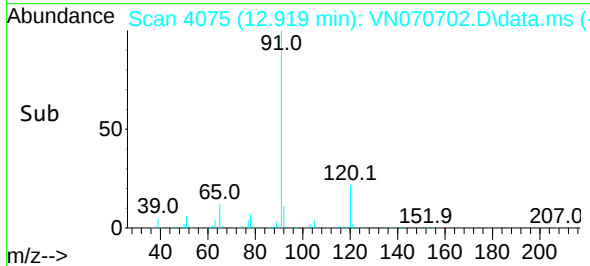
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



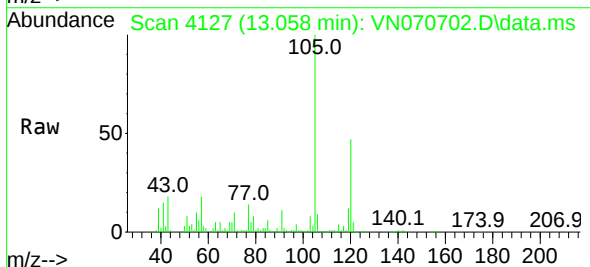
Tgt Ion: 91 Resp:1298673
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

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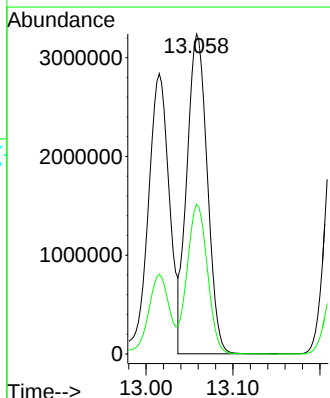
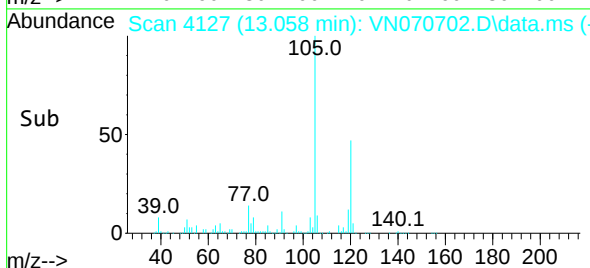
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

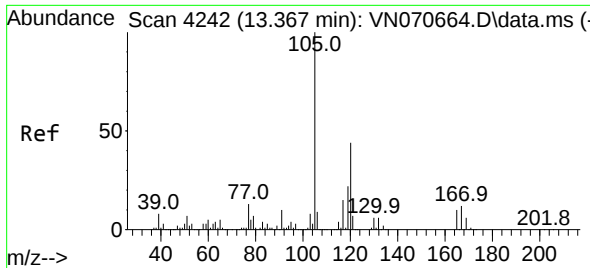


#80
1,3,5-Trimethylbenzene
Concen: 101.777 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12



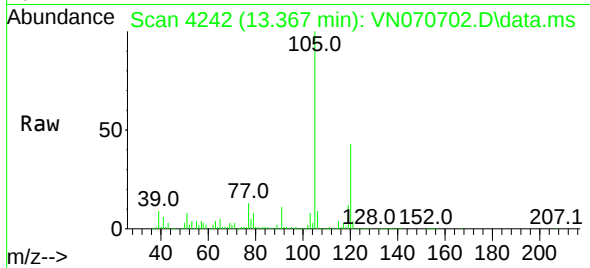
Tgt Ion:105 Resp: 5262397
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 60.316 ug/l
RT: 13.367 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

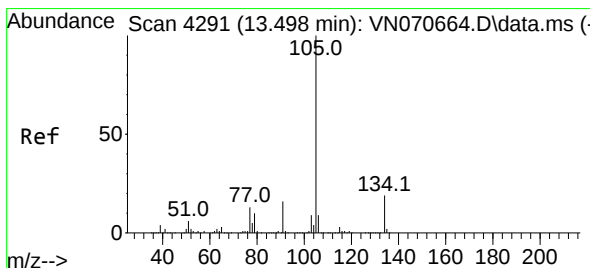
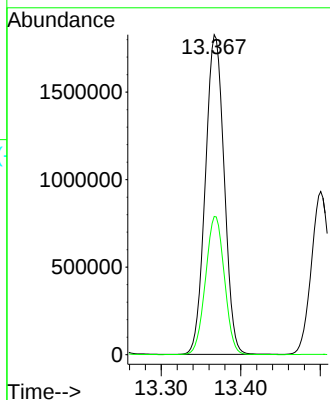
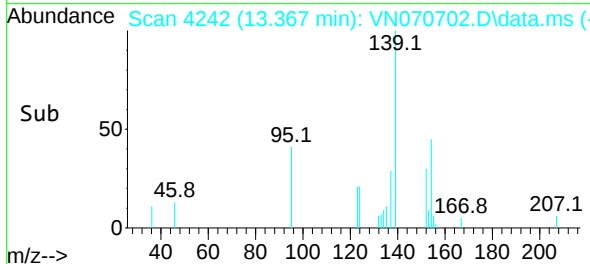
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



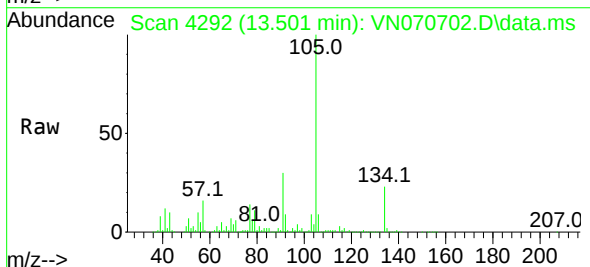
Tgt Ion:105 Resp: 2997710
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4

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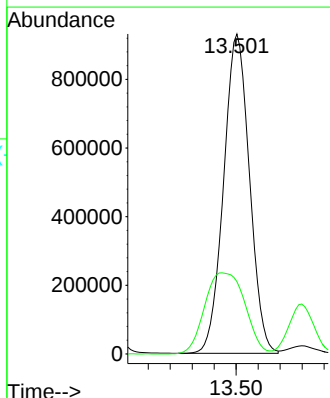
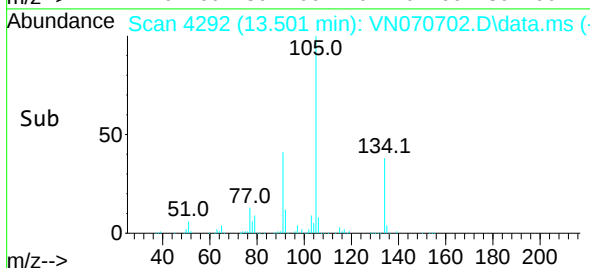
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

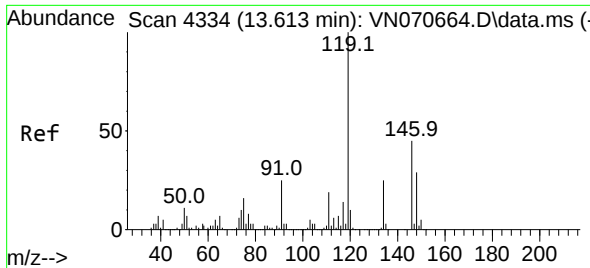


#85
sec-Butylbenzene
Concen: 24.812 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12



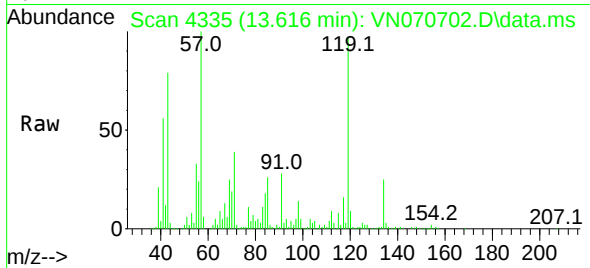
Tgt Ion:105 Resp: 1518224
Ion Ratio Lower Upper
105 100
134 39.6 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 11.046 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

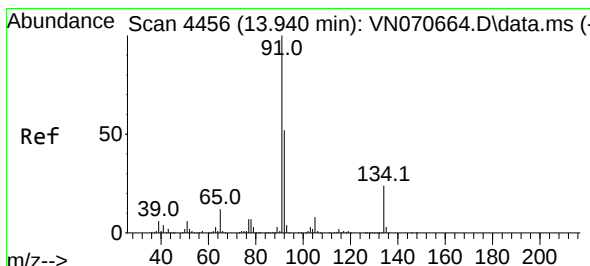
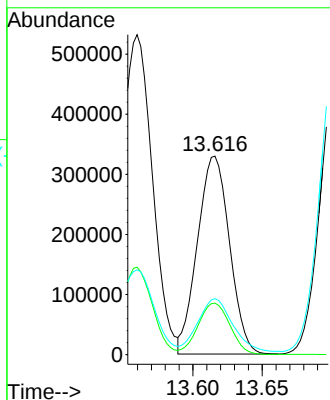
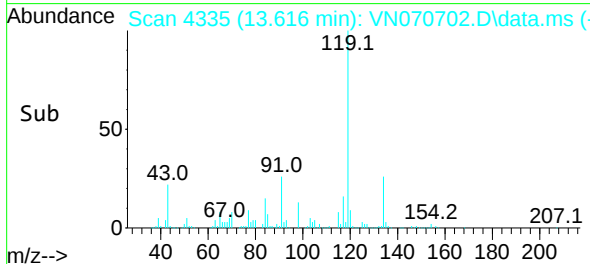
Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



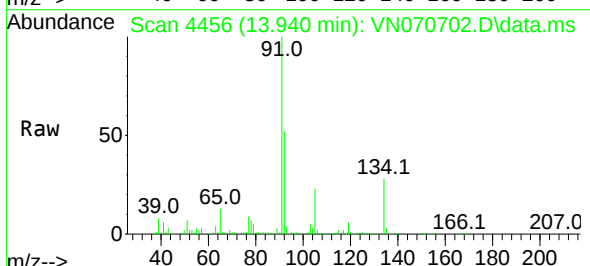
Tgt Ion:119 Resp: 53096
Ion Ratio Lower Upper
119 100
134 25.8 13.6 40.7
91 28.3 11.4 34.1

Manual Integrations
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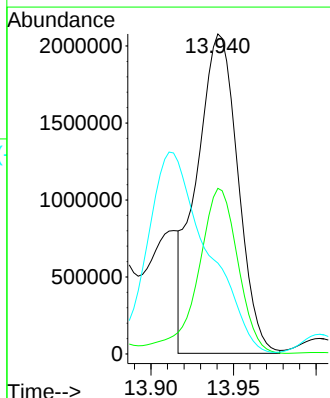
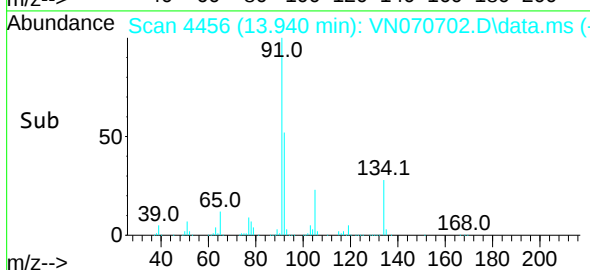
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

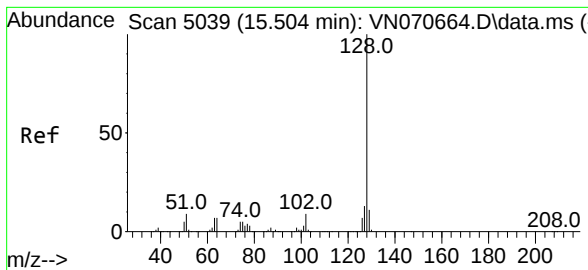


#89
n-Butylbenzene
Concen: 91.101 ug/l m
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12



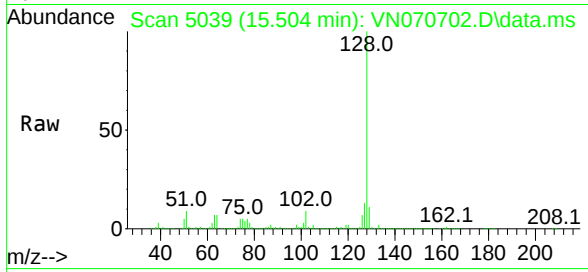
Tgt Ion: 91 Resp: 3612508
Ion Ratio Lower Upper
91 100
92 50.2 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 180.264 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070702.D
Acq: 19 Jan 2022 16:12

Instrument :
MSVOA_N
ClientSampleId :
A3-8-5.5



Tgt Ion:128 Resp: 681883
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

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Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

