

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
 Data File : VN069784.D
 Acq On : 6 Dec 2021 15:27
 Operator : JC/MD
 Sample : M4932-01
 Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM1-2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/10/2021

Quant Time: Dec 07 03:48:13 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	8.080	168	1464586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2615001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2904933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1655415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	1047133	46.306	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.620%		
35) Dibromofluoromethane	8.016	113	721161	44.027	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.060%		
50) Toluene-d8	10.440	98	6410835	97.473	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	194.940%#		
62) 4-Bromofluorobenzene	12.731	95	2248128	94.351	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	188.700%#		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.075	56	5193868	165.043	ug/l #	78
39) Methylcyclohexane	9.443	83	26730453m	902.725	ug/l	
67) Ethyl Benzene	11.846	91	1267252	11.838	ug/l	94
68) m/p-Xylenes	11.961	106	2611879	67.010	ug/l	85
69) o-Xylene	12.283	106	6146700	156.560	ug/l	91
73) Isopropylbenzene	12.581	105	1357888	9.219	ug/l	93
78) n-propylbenzene	12.921	91	2628281	16.036	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	5298863	44.698	ug/l	98
84) 1,2,4-Trimethylbenzene	13.358	105	20597510m	182.441	ug/l	
85) sec-Butylbenzene	13.503	105	2158190	15.158	ug/l #	78
86) p-Isopropyltoluene	13.619	119	5139054	46.175	ug/l	96
89) n-Butylbenzene	13.943	91	2222196	24.614	ug/l #	67
95) Naphthalene	15.507	128	2918909	37.190	ug/l	99

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

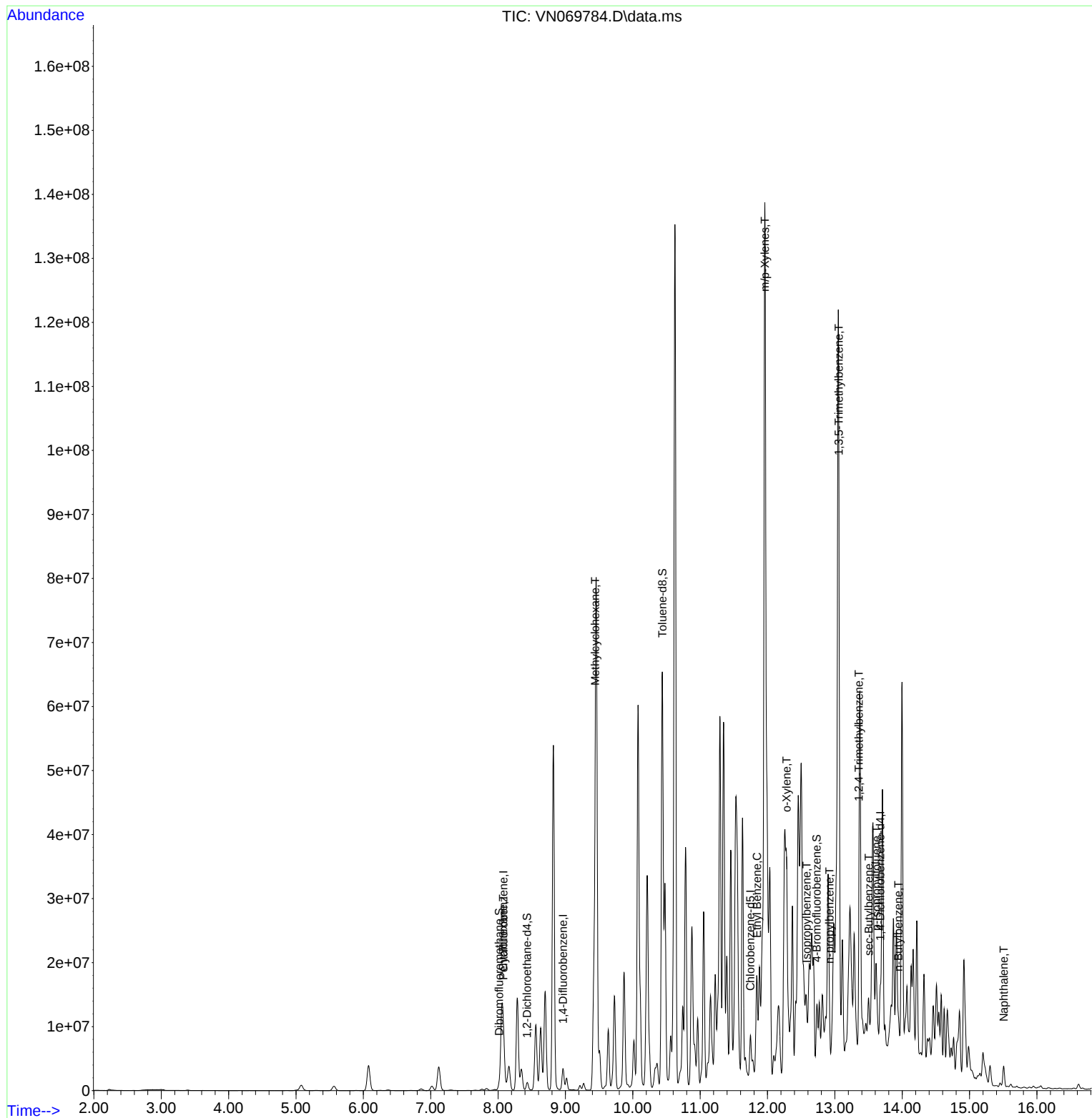
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120621\
Data File : VN069784.D
Acq On : 6 Dec 2021 15:27
Operator : JC/MD
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Misc : 4.99g/10mL/100uL/5.00mL/MSVOA_N/MEOH
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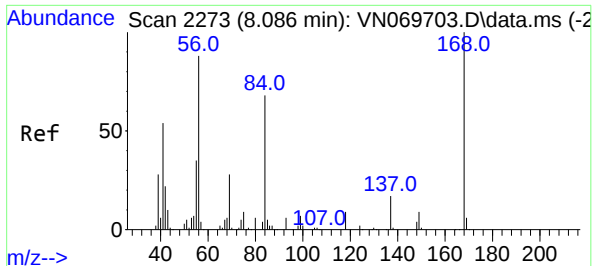
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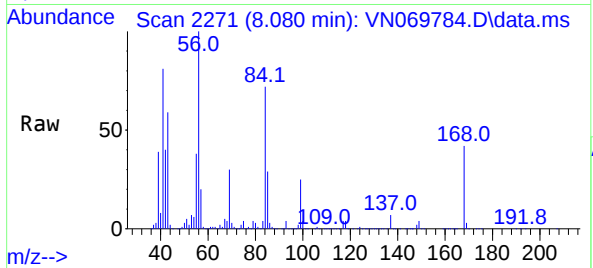
Quant Time: Dec 07 03:48:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

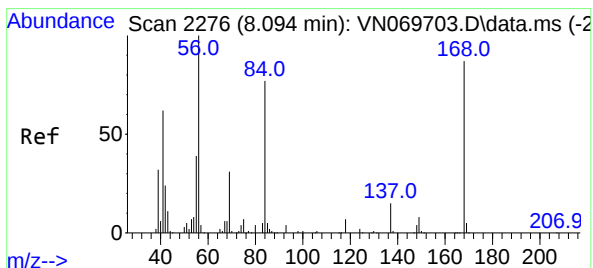
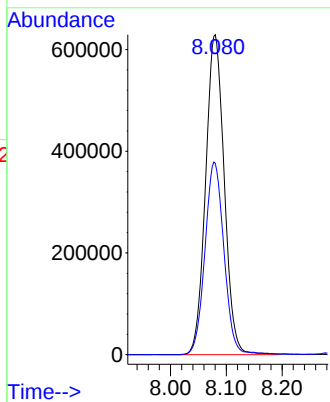
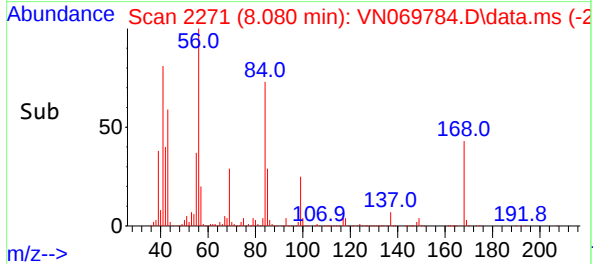
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



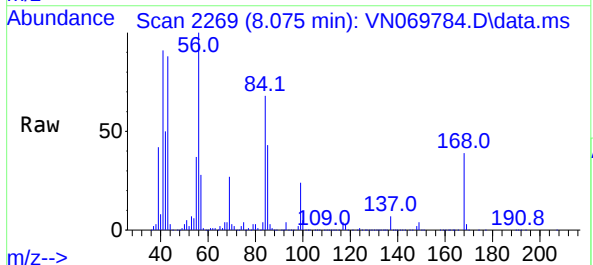
Tgt Ion:168 Resp: 1464586
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

Manual Integrations
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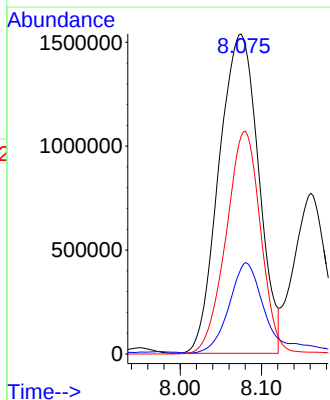
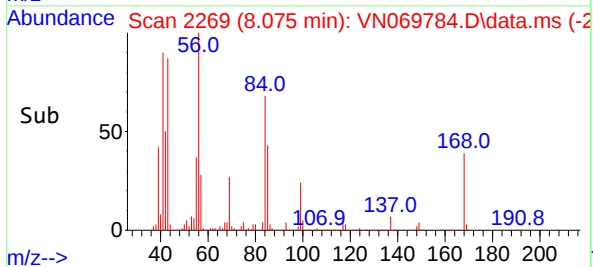
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

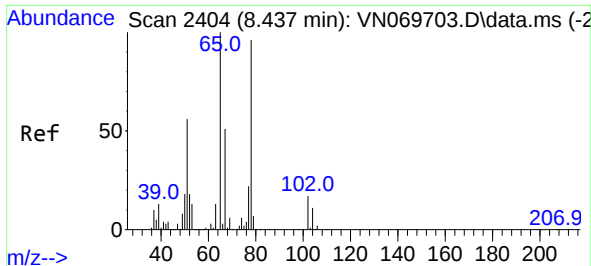


#31
Cyclohexane
Concen: 165.043 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. -0.019 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



Tgt Ion: 56 Resp: 5193868
Ion Ratio Lower Upper
56 100
69 26.3 27.1 40.7#
84 68.1 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 46.306 ug/l

RT: 8.432 min Scan# 2404

Delta R.T. -0.005 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

Instrument :

MSVOA_N

ClientSampleId :

DRUM1-2

Tgt Ion: 65 Resp: 104713

Ion Ratio Lower Upper

65 100

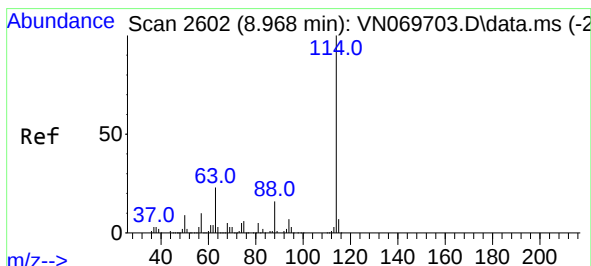
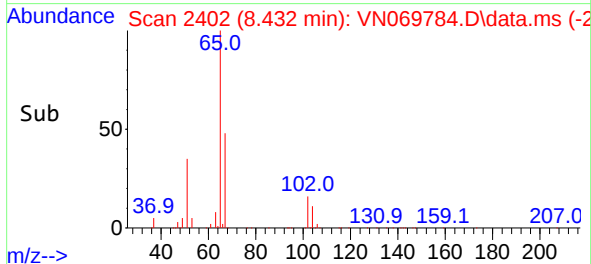
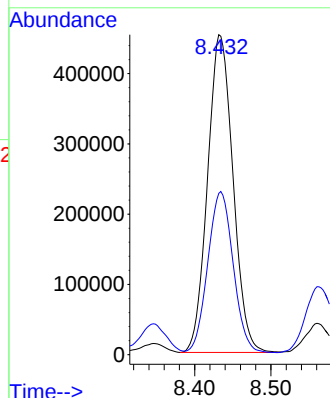
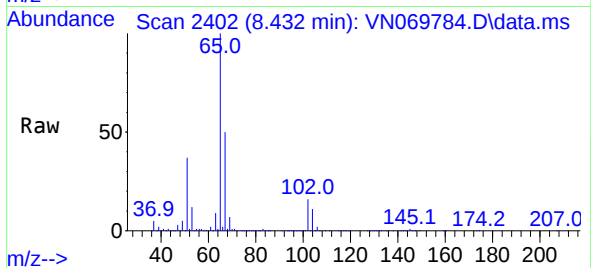
67 50.6 0.0 103.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN069784.D

Acq: 6 Dec 2021 15:27

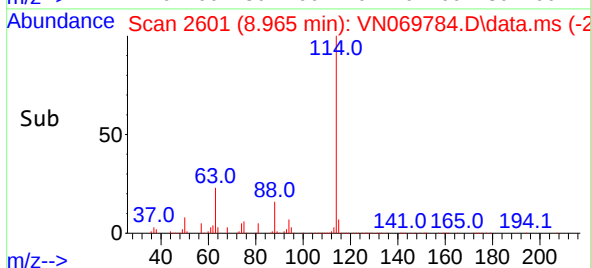
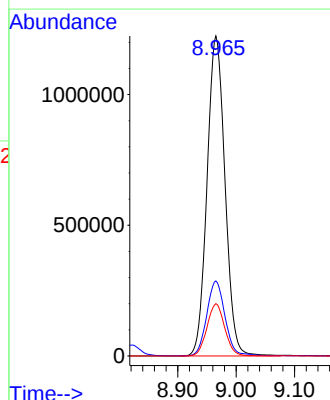
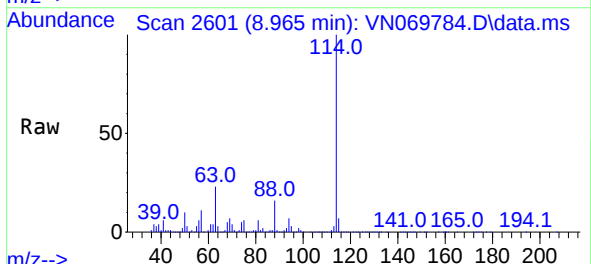
Tgt Ion:114 Resp: 2615001

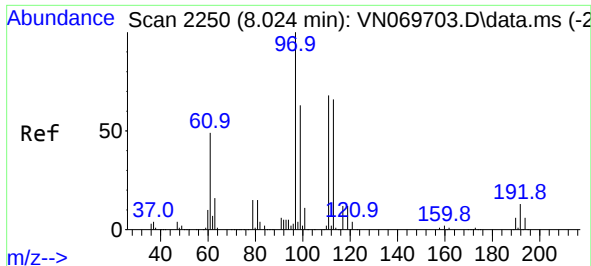
Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.8

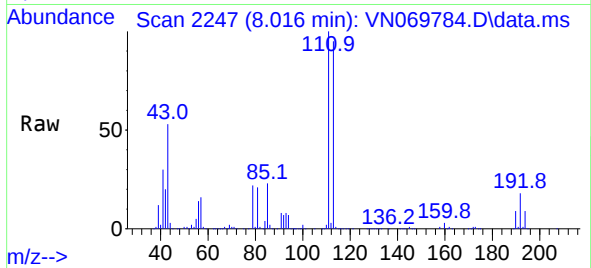
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 44.027 ug/l
RT: 8.016 min Scan# 2116
Delta R.T. -0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

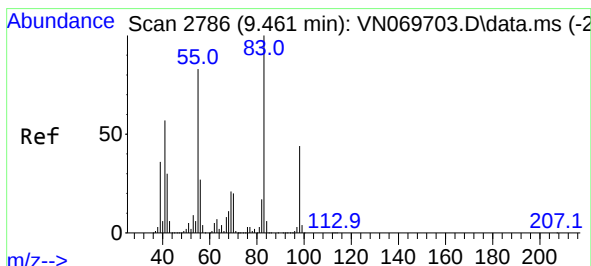
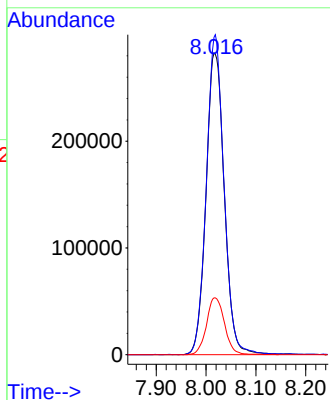
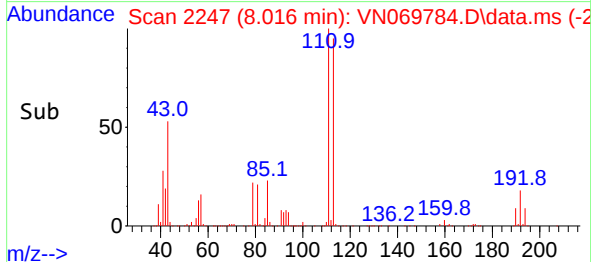
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



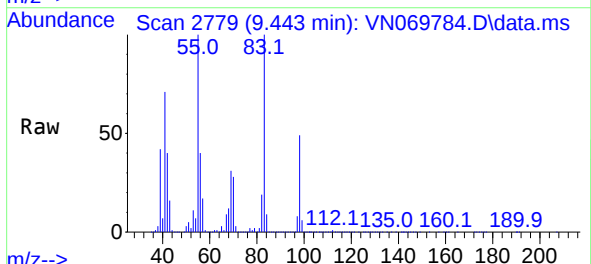
Tgt Ion: 113 Resp: 72116
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 18.5 16.9 25.3

Manual Integrations
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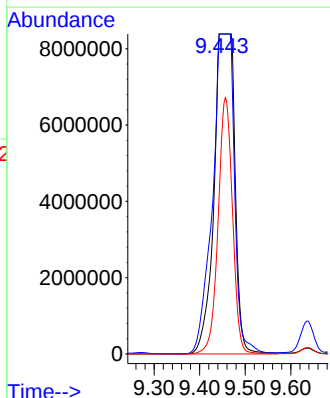
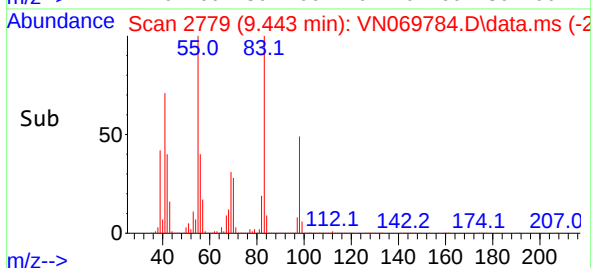
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

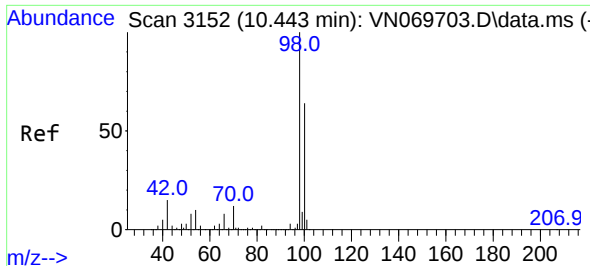


#39
Methylcyclohexane
Concen: 902.725 ug/l m
RT: 9.443 min Scan# 2779
Delta R.T. -0.019 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



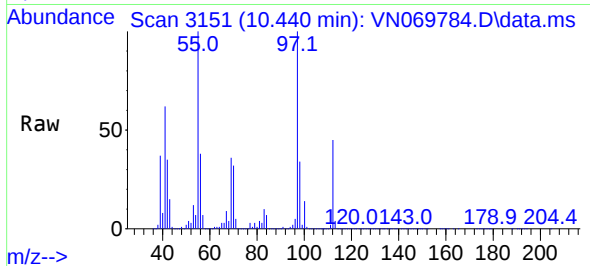
Tgt Ion: 83 Resp: 26730453
Ion Ratio Lower Upper
83 100
55 100.0 58.1 87.1#
98 49.4 38.4 57.6





#50
Toluene-d8
Concen: 97.473 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

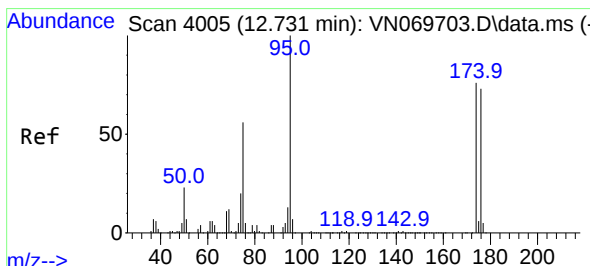
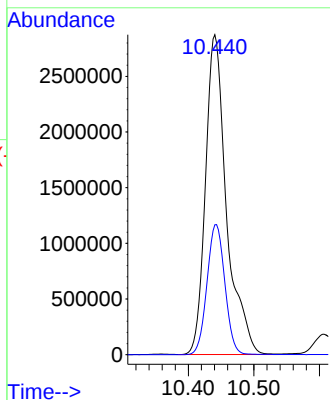
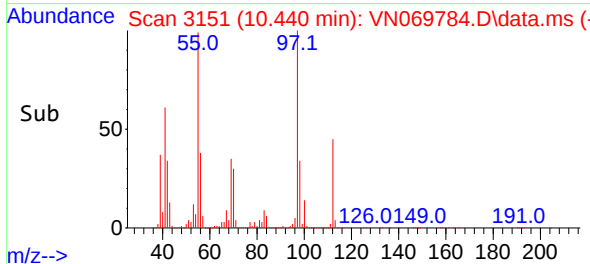
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



Tgt Ion: 98 Resp: 641083
Ion Ratio Lower Upper
98 100
100 34.6 50.4 75.6

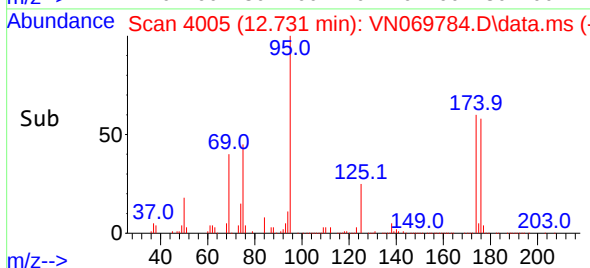
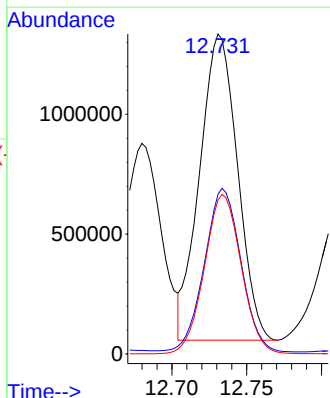
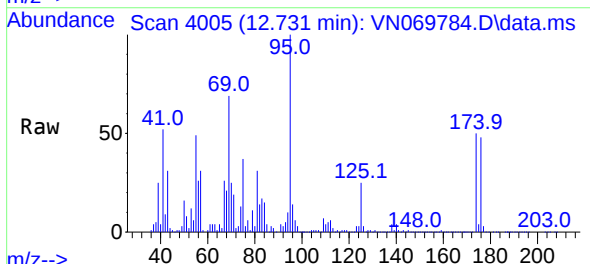
Manual Integrations
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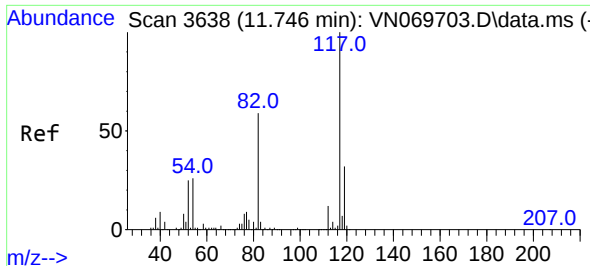
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#62
4-Bromofluorobenzene
Concen: 94.351 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

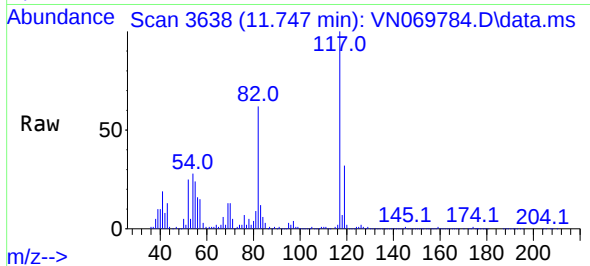
Tgt Ion: 95 Resp: 2248128
Ion Ratio Lower Upper
95 100
174 51.7 0.0 187.2
176 50.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

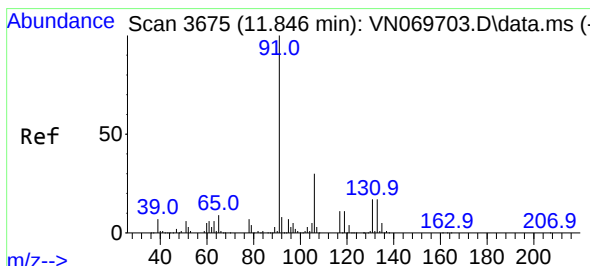
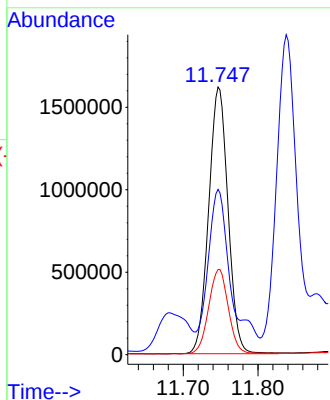
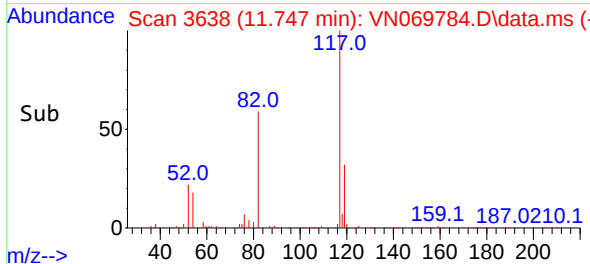


Tgt Ion: 117 Resp: 290493

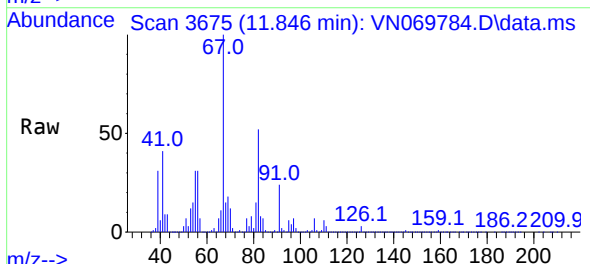
Ion	Ratio	Lower	Upper
117	100		
82	47.4	42.4	63.6
119	31.5	25.4	38.2

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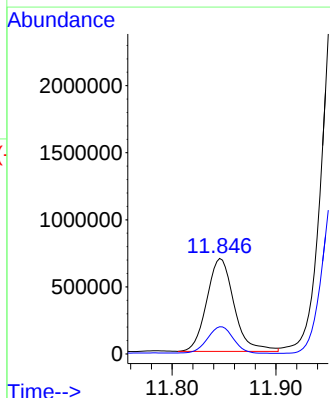
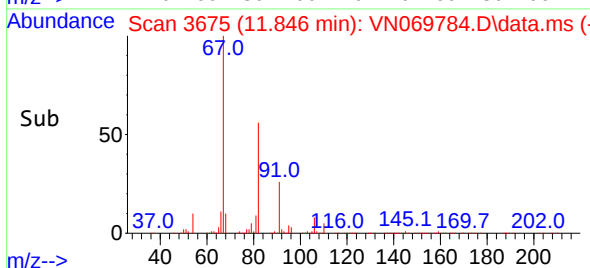


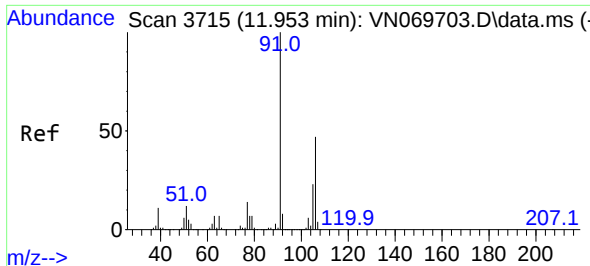
#67
Ethyl Benzene
Concen: 11.838 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



Tgt Ion: 91 Resp: 1267252

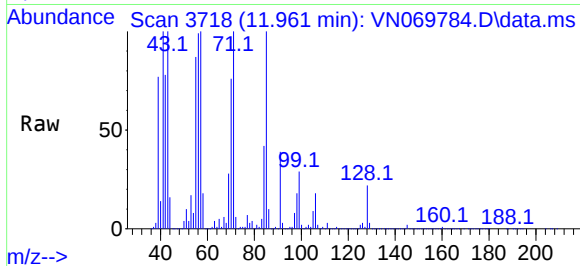
Ion	Ratio	Lower	Upper
91	100		
106	28.5	25.7	38.5





#68
m/p-Xylenes
Concen: 67.010 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.008 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

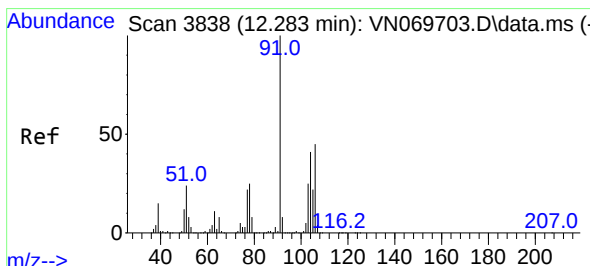
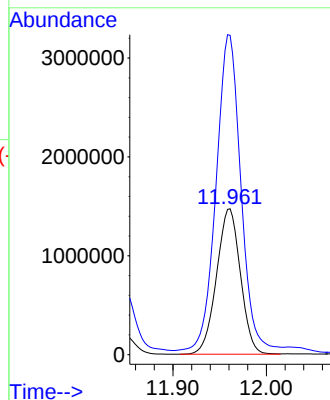
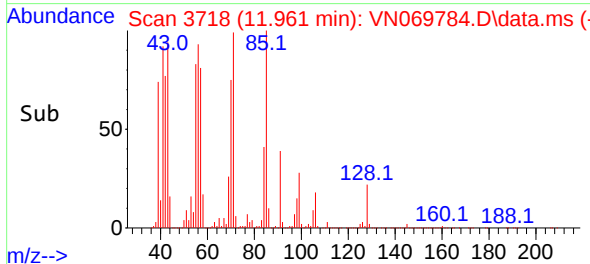
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



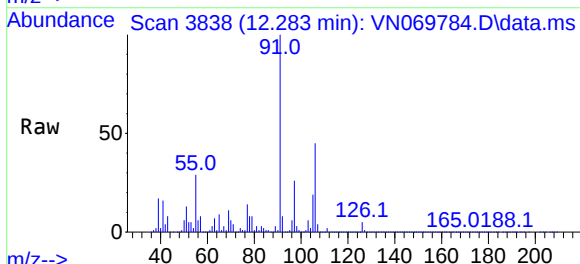
Tgt Ion:106 Resp: 2611879
Ion Ratio Lower Upper
106 100
91 223.0 160.6 240.8

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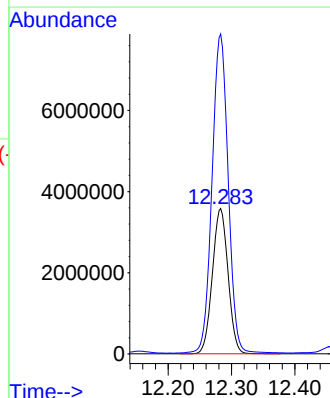
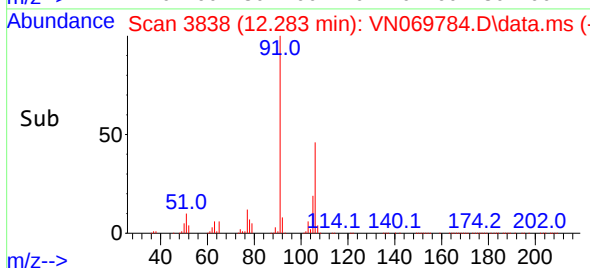
Reviewed By :John Carlone 12/07/2021
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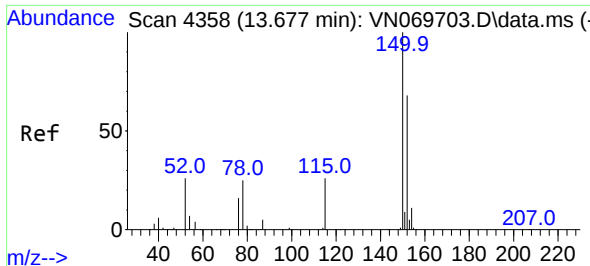


#69
o-Xylene
Concen: 156.560 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



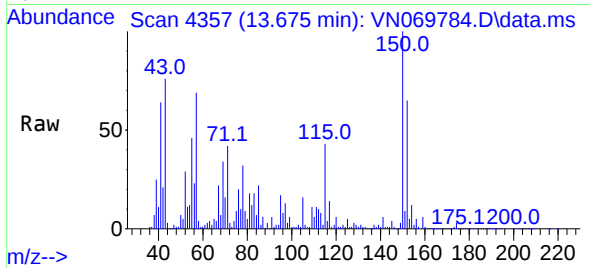
Tgt Ion:106 Resp: 6146700
Ion Ratio Lower Upper
106 100
91 225.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

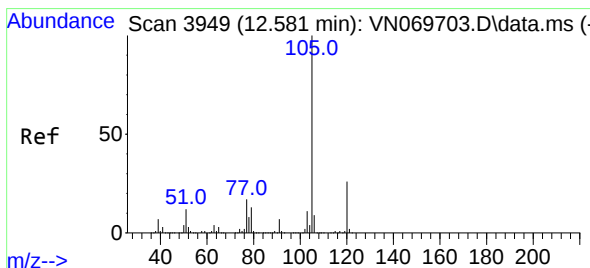
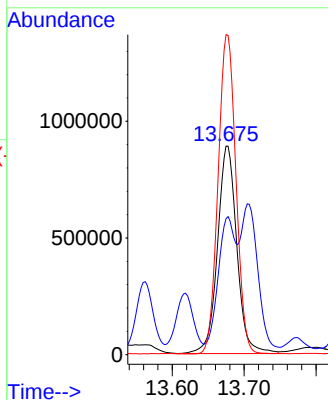
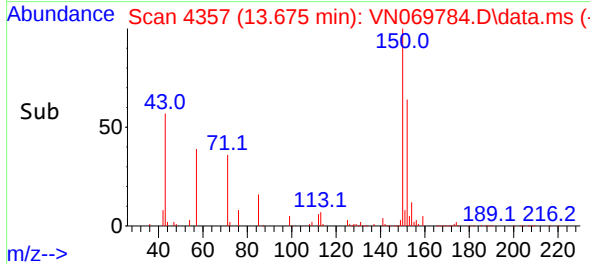
Instrument :
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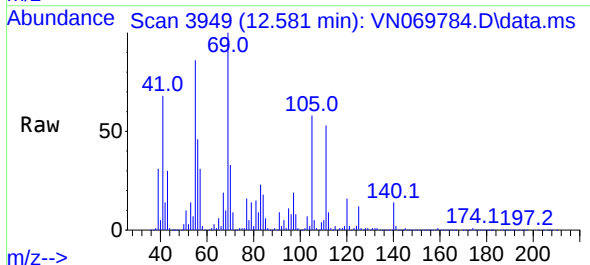
Tgt Ion:152 Resp: 165541
Ion Ratio Lower Upper
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115 58.5 27.5 82.5
150 142.1 0.0 344.4

Manual Integrations
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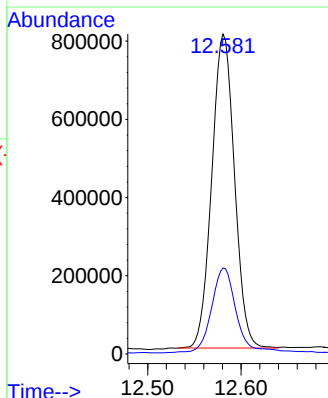
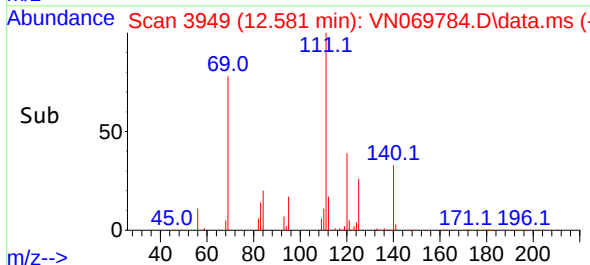
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

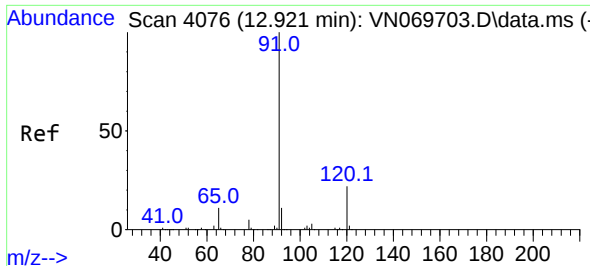


#73
Isopropylbenzene
Concen: 9.219 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



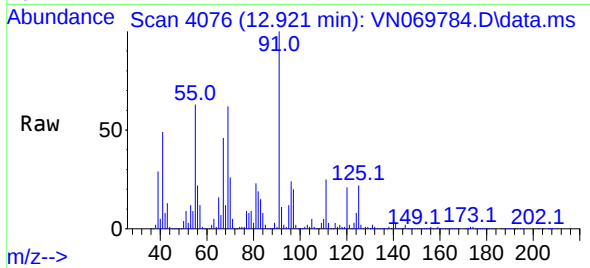
Tgt Ion:105 Resp: 1357888
Ion Ratio Lower Upper
105 100
120 30.1 13.4 40.1





#78
n-propylbenzene
Concen: 16.036 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

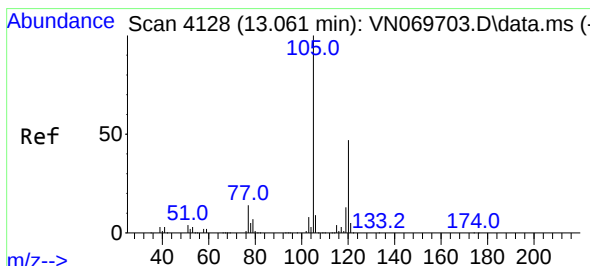
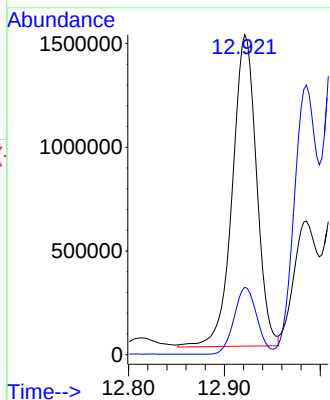
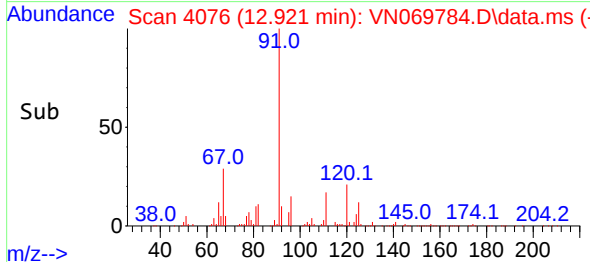
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



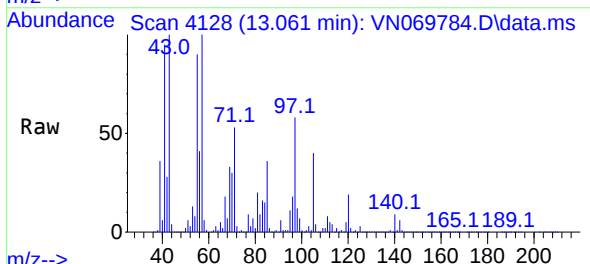
Tgt Ion: 91 Resp: 262828
Ion Ratio Lower Upper
91 100
120 20.4 11.9 35.9

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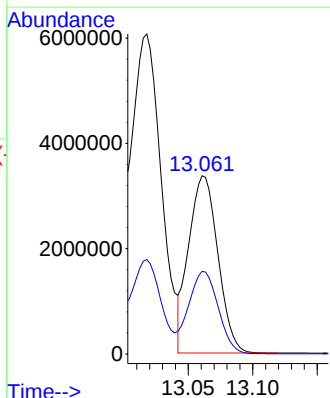
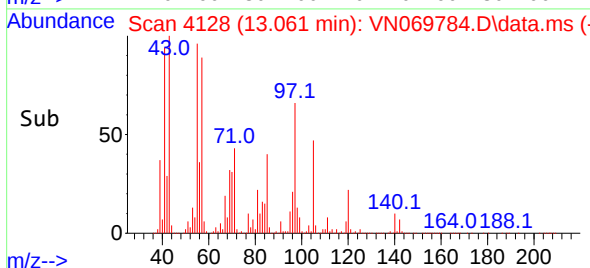
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

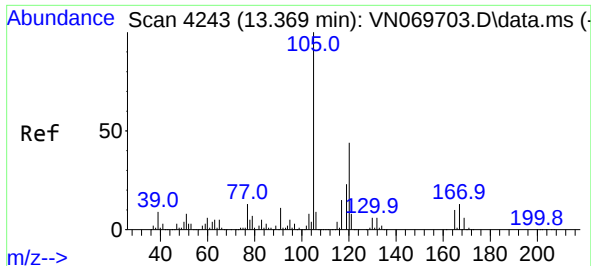


#80
1,3,5-Trimethylbenzene
Concen: 44.698 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



Tgt Ion:105 Resp: 5298863
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6





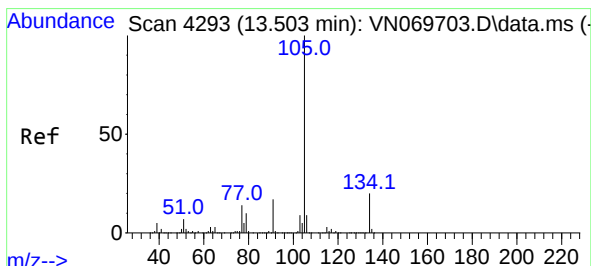
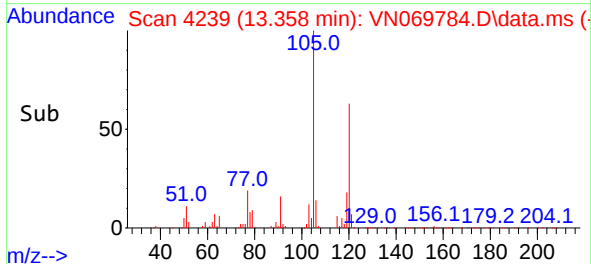
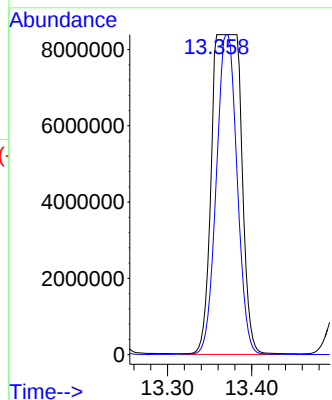
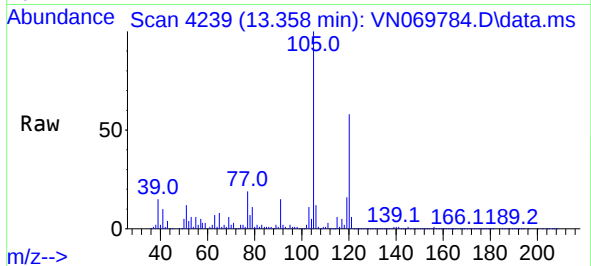
#84
1,2,4-Trimethylbenzene
Concen: 182.441 ug/l m
RT: 13.358 min Scan# 4239
Delta R.T. -0.011 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2

Tgt Ion:105 Resp:20597510
Ion Ratio Lower Upper
105 100
120 18.6 22.8 68.4

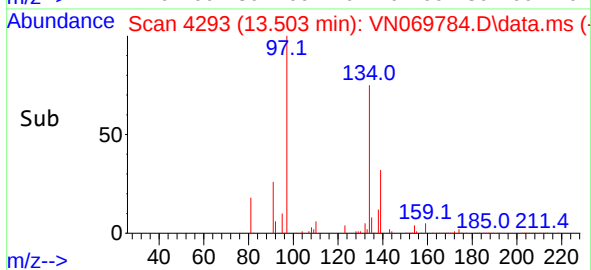
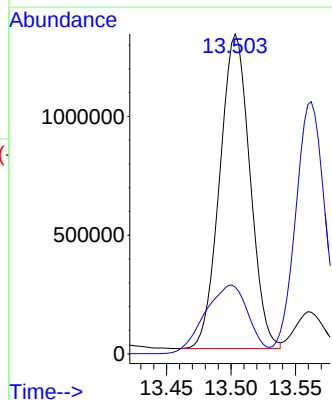
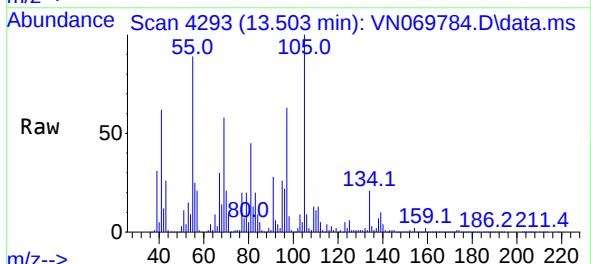
Manual Integrations
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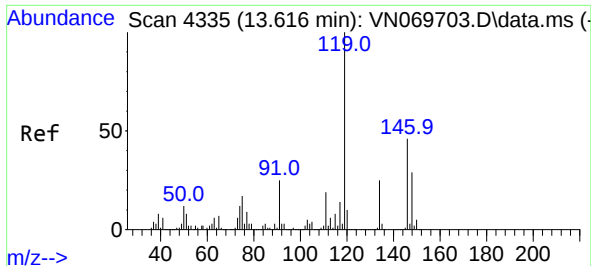
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021



#85
sec-Butylbenzene
Concen: 15.158 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

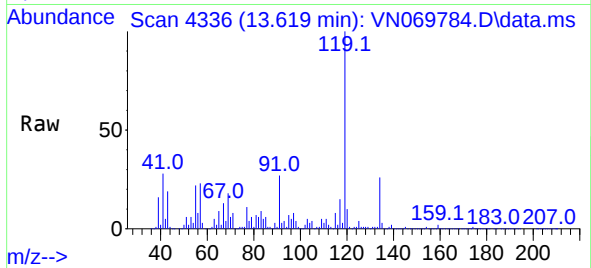
Tgt Ion:105 Resp: 2158190
Ion Ratio Lower Upper
105 100
134 31.1 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 46.175 ug/l
RT: 13.619 min Scan# 411
Delta R.T. 0.003 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

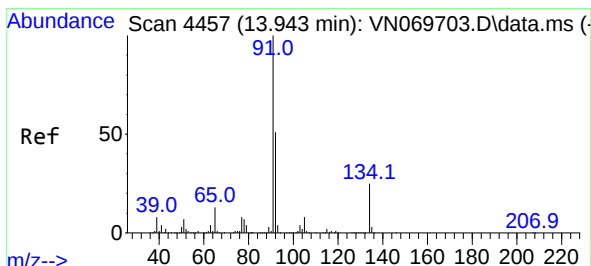
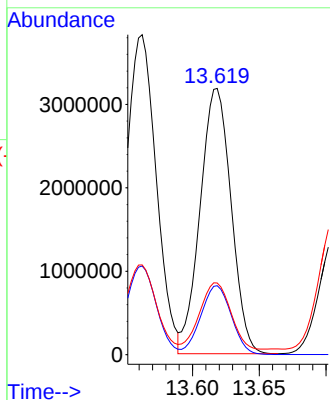
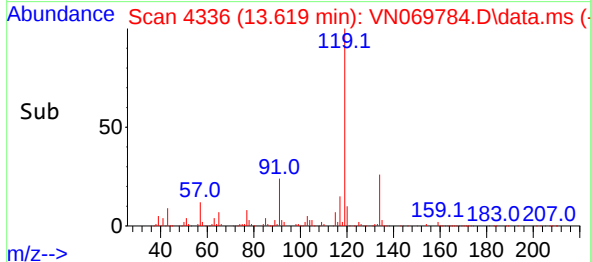
Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



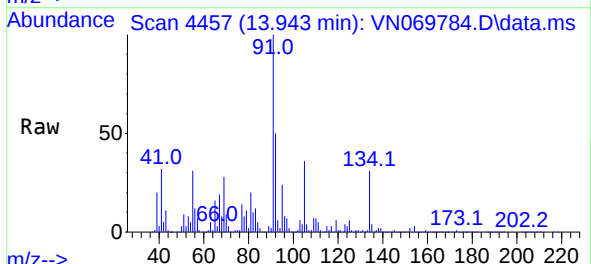
Tgt Ion:119 Resp: 5139054
Ion Ratio Lower Upper
119 100
134 25.5 13.6 40.7
91 24.6 11.4 34.1

Manual Integrations
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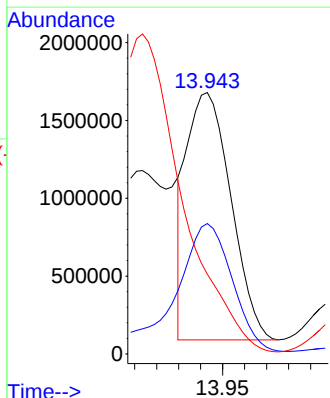
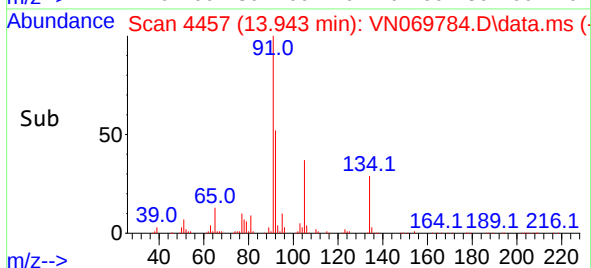
Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

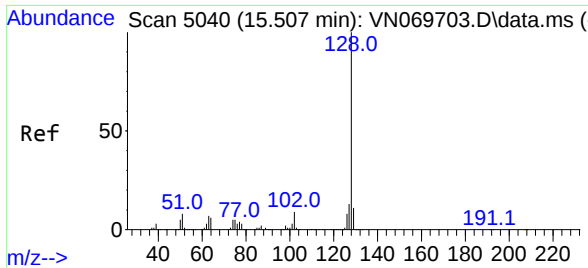


#89
n-Butylbenzene
Concen: 24.614 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27



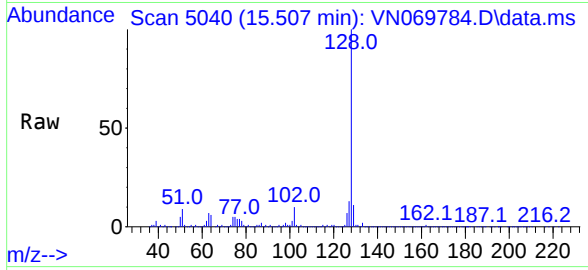
Tgt Ion: 91 Resp: 2222196
Ion Ratio Lower Upper
91 100
92 66.6 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 37.190 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069784.D
Acq: 6 Dec 2021 15:27

Instrument :
MSVOA_N
ClientSampleId :
DRUM1-2



Tgt Ion:128 Resp: 2918909
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.2 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/07/2021
Supervised By :Mahesh Dadoda 12/10/2021

