

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070136.D
 Acq On : 16 Dec 2021 14:31
 Operator : JC/MD
 Sample : M5011-03
 Misc : 3.72g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HSB-2-(9-9.5)

Manual Integrations
 APPROVED

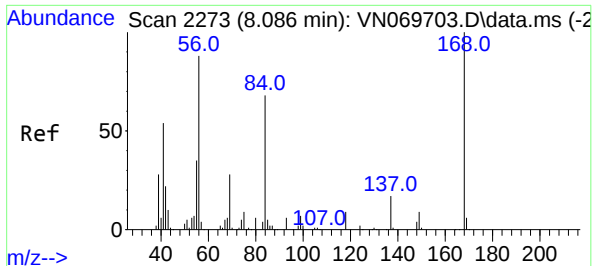
Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 16 15:49:10 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)

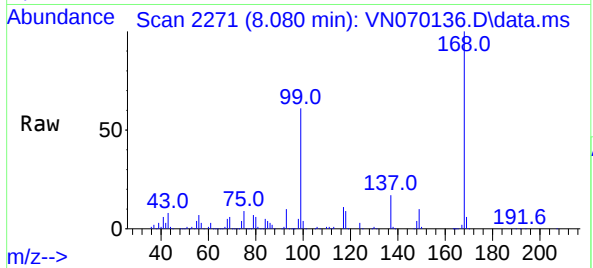
Internal Standards						
1) Pentafluorobenzene	8.080	168	1252749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	2375752	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2471713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1338164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	979505	50.64	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.28%			
35) Dibromofluoromethane	8.016	113	644050	43.28	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 86.56%			
50) Toluene-d8	10.441	98	3001684	50.23	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.46%			
62) 4-Bromofluorobenzene	12.734	95	1345416	62.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.30%			
Target Compounds						
25) 2-Butanone	7.351	43	173767	10.99	ug/l #	89
39) Methylcyclohexane	9.454	83	292121	10.86	ug/l #	70
67) Ethyl Benzene	11.846	91	2366379	25.98	ug/l	96
68) m/p-Xylenes	11.953	106	2278013	68.69	ug/l	91
69) o-Xylene	12.280	106	130017	3.89	ug/l	89
73) Isopropylbenzene	12.581	105	486130	4.08	ug/l	98
78) n-propylbenzene	12.921	91	2619870	19.77	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	3386868	35.34	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	11253274	123.31	ug/l	98
86) p-Isopropyltoluene	13.616	119	128965m	1.43	ug/l	
89) n-Butylbenzene	13.943	91	571528	7.83	ug/l #	65
95) Naphthalene	15.507	128	1715397	28.13	ug/l	100

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



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

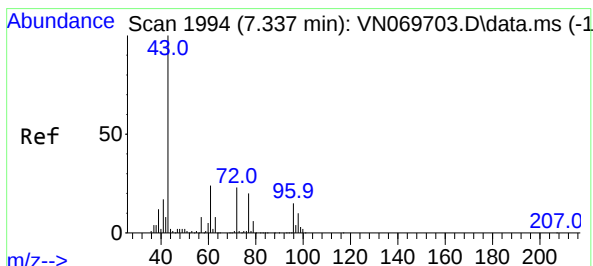
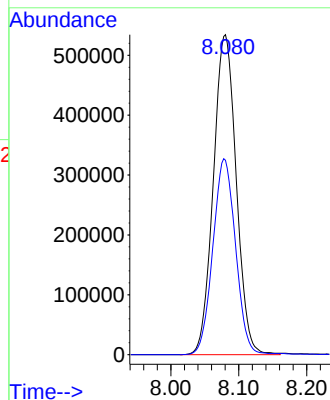
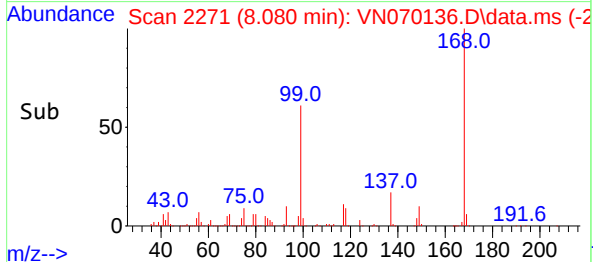
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



Tgt Ion:168 Resp: 1252749
Ion Ratio Lower Upper
168 100
99 60.7 41.3 61.9

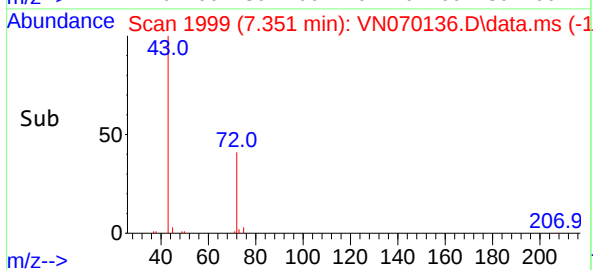
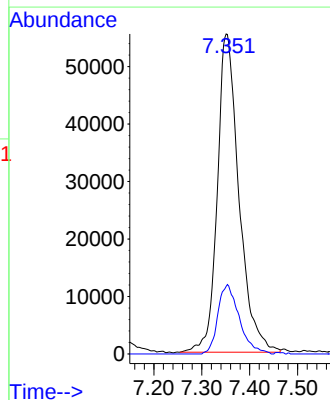
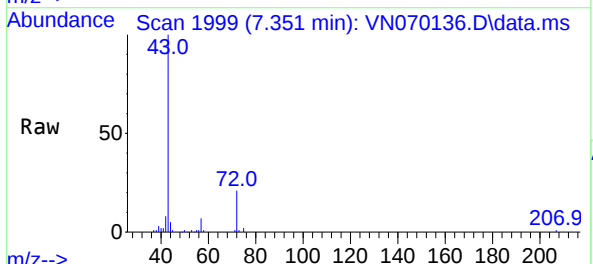
Manual Integrations
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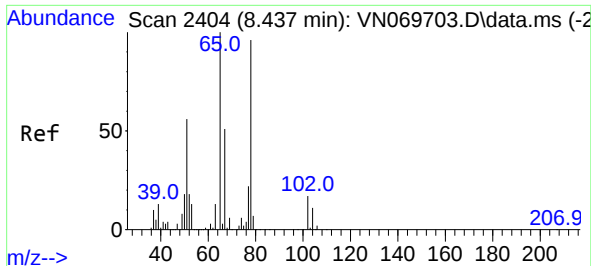
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#25
2-Butanone
Concen: 10.99 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

Tgt Ion: 43 Resp: 173767
Ion Ratio Lower Upper
43 100
72 21.2 21.7 32.5#





#33

1,2-Dichloroethane-d4

Concen: 50.64 ug/l

RT: 8.432 min Scan# 2404

Delta R.T. -0.005 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

Instrument :

MSVOA_N

ClientSampleId :

HSB-2-(9-9.5)

Tgt Ion: 65 Resp: 97950

Ion Ratio Lower Upper

65 100

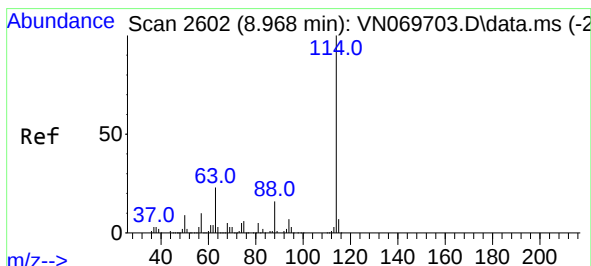
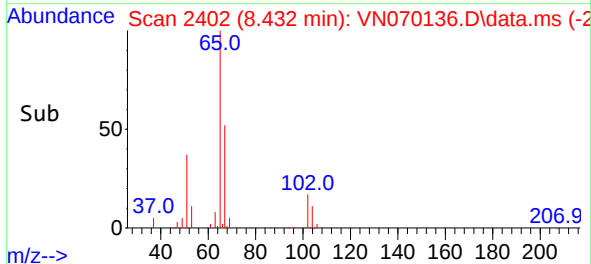
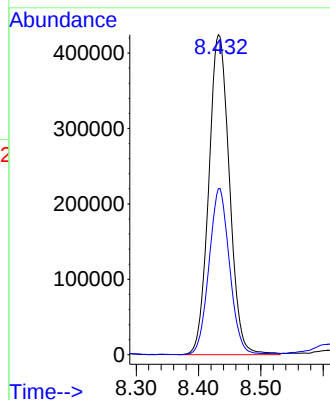
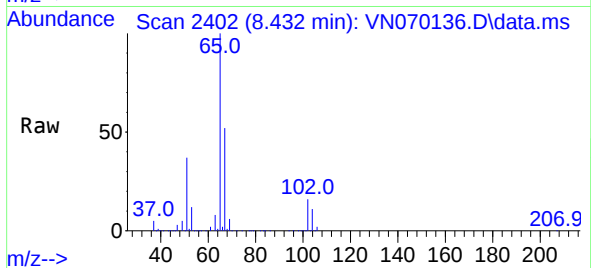
67 51.5 0.0 103.0

Manual Integrations

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Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.963 min Scan# 2600

Delta R.T. -0.005 min

Lab File: VN070136.D

Acq: 16 Dec 2021 14:31

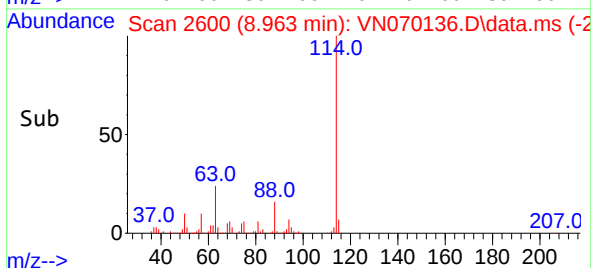
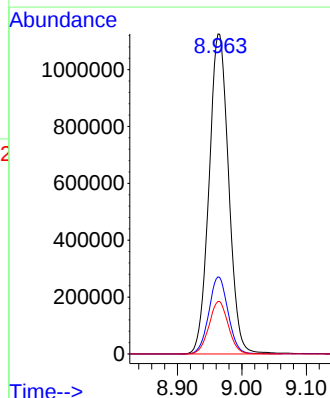
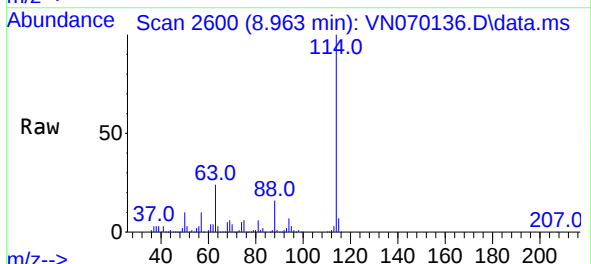
Tgt Ion:114 Resp: 2375752

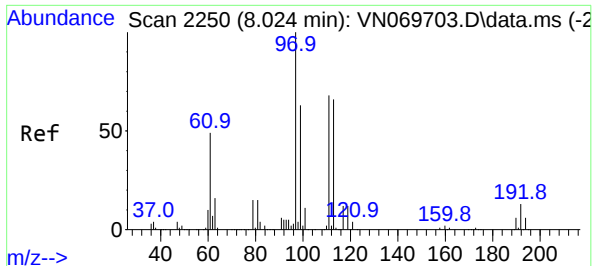
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

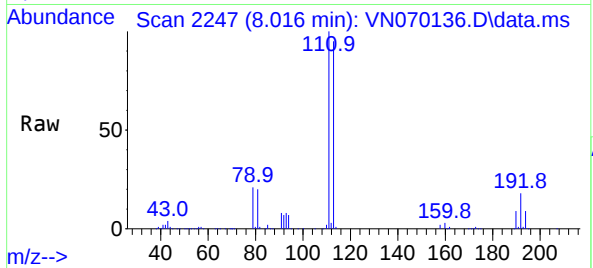
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 43.28 ug/l
RT: 8.016 min Scan# 2113
Delta R.T. -0.008 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

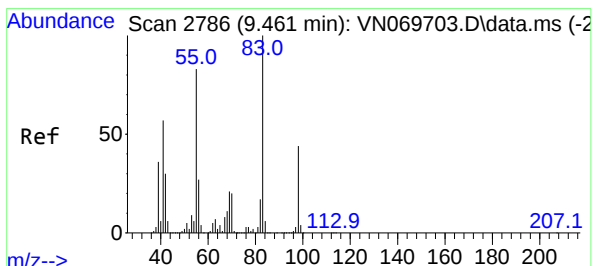
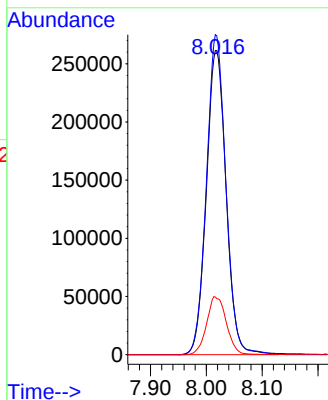
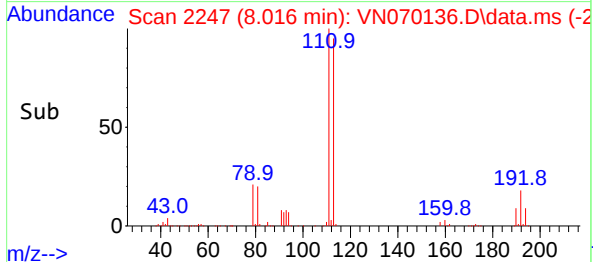
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



Tgt Ion:113 Resp: 644050
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.0 16.9 25.3

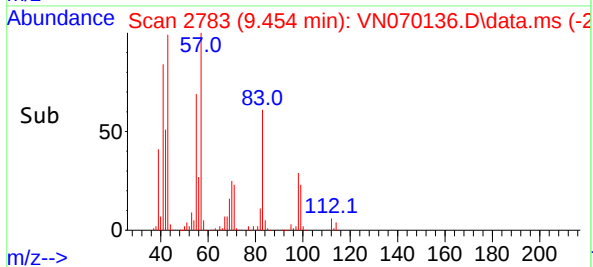
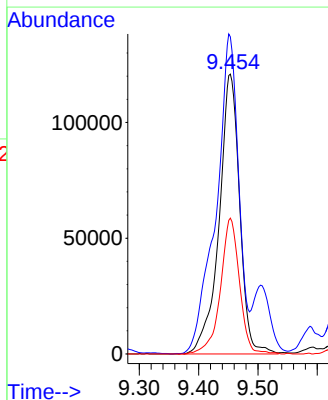
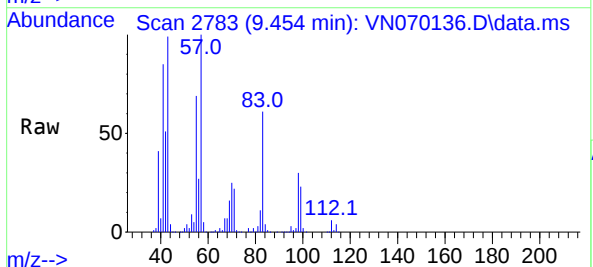
Manual Integrations
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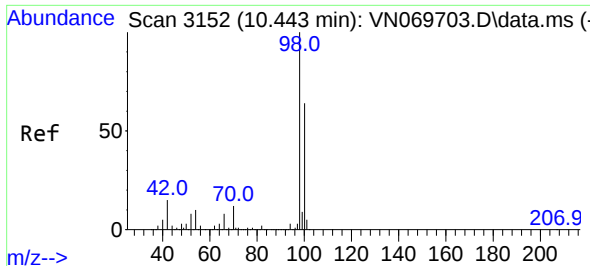
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#39
Methylcyclohexane
Concen: 10.86 ug/l
RT: 9.454 min Scan# 2783
Delta R.T. -0.008 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

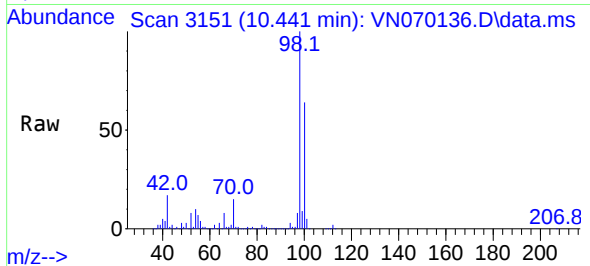
Tgt Ion: 83 Resp: 292121
Ion Ratio Lower Upper
83 100
55 113.2 58.1 87.1#
98 48.6 38.4 57.6





#50
Toluene-d8
Concen: 50.23 ug/l
RT: 10.441 min Scan# 3152
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

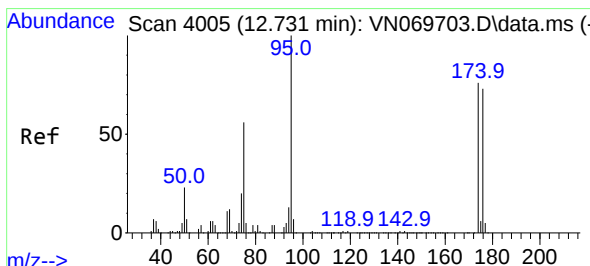
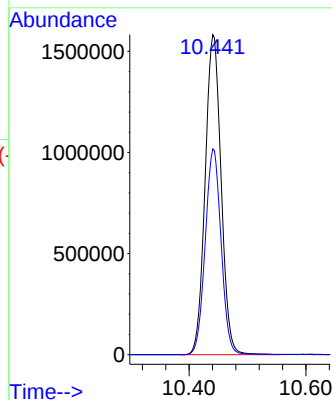
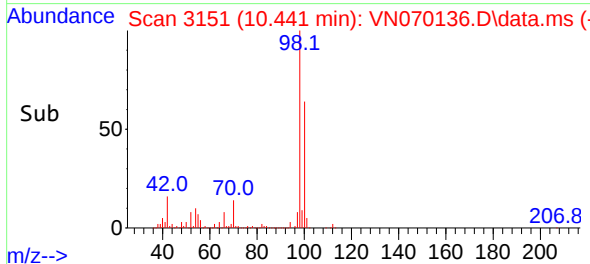
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



Tgt Ion: 98 Resp: 3001684
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

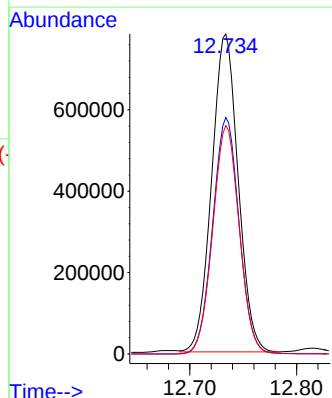
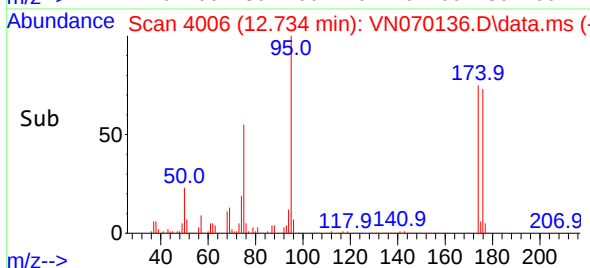
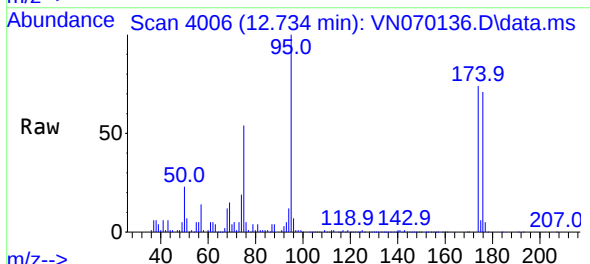
Manual Integrations
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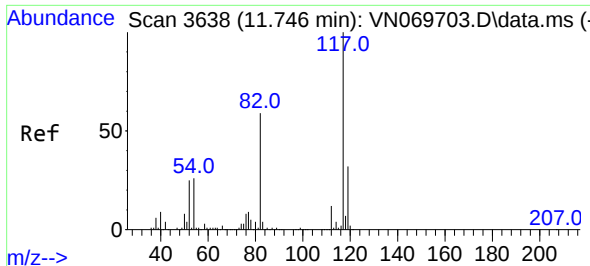
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 62.15 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

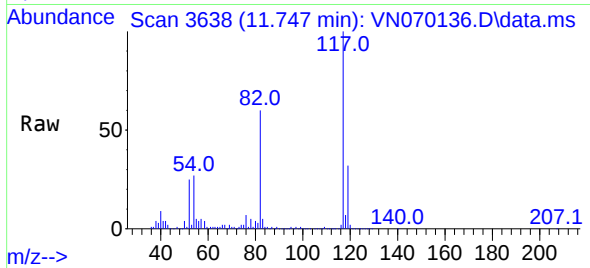
Tgt Ion: 95 Resp: 1345416
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

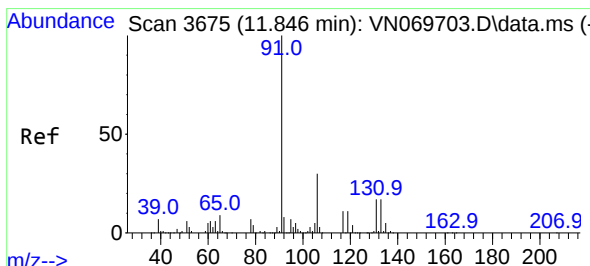
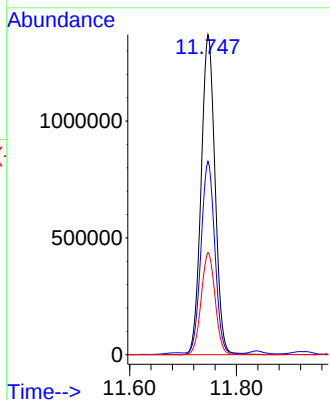
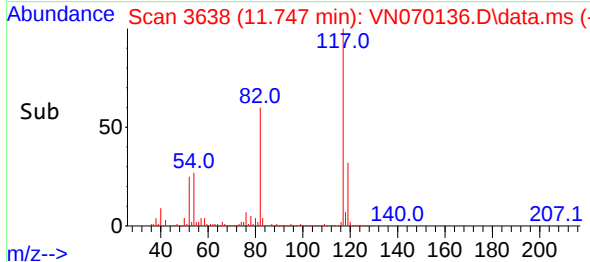
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



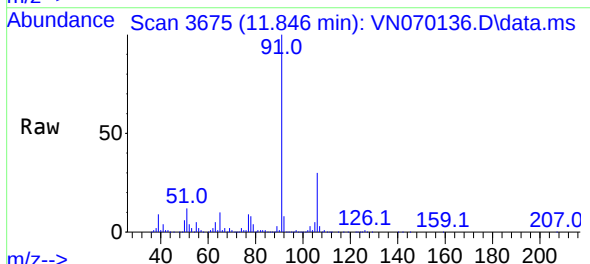
Tgt Ion: 117 Resp: 2471711
Ion Ratio Lower Upper
117 100
82 60.2 42.4 63.6
119 31.9 25.4 38.2

Manual Integrations
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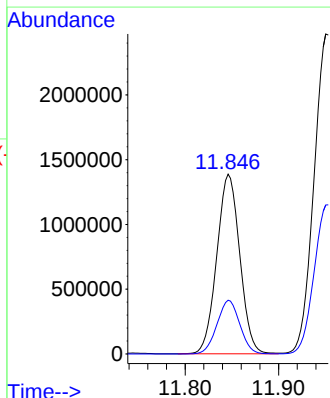
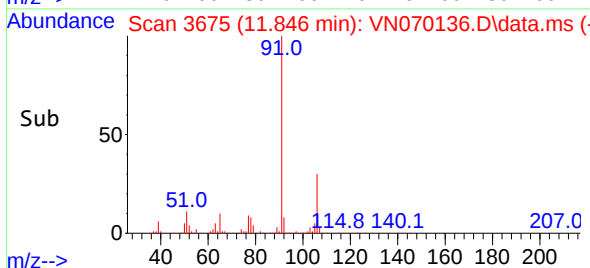
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

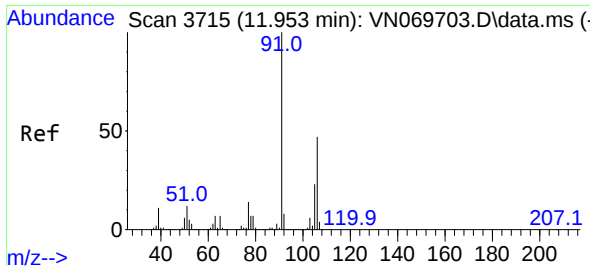


#67
Ethyl Benzene
Concen: 25.98 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31



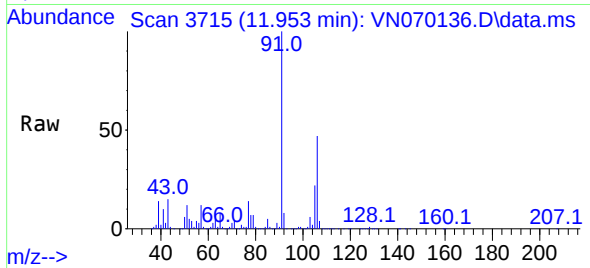
Tgt Ion: 91 Resp: 2366379
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





#68
m/p-Xylenes
Concen: 68.69 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

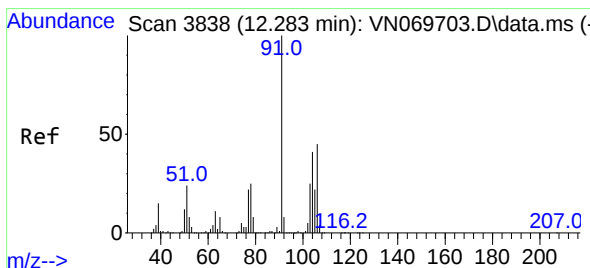
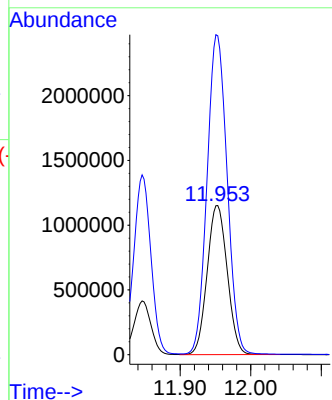
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



Tgt Ion:106 Resp: 227801
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8

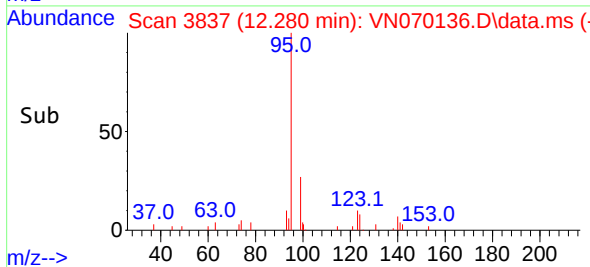
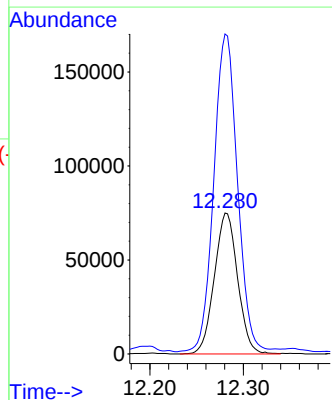
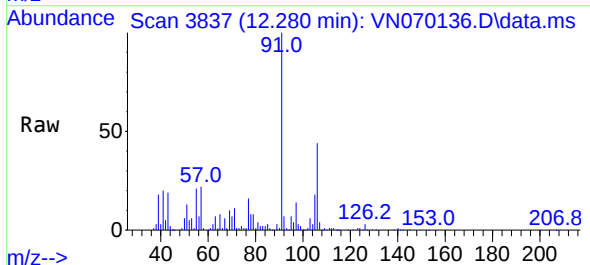
Manual Integrations
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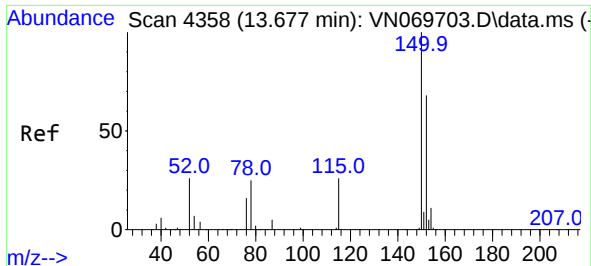
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#69
o-Xylene
Concen: 3.89 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

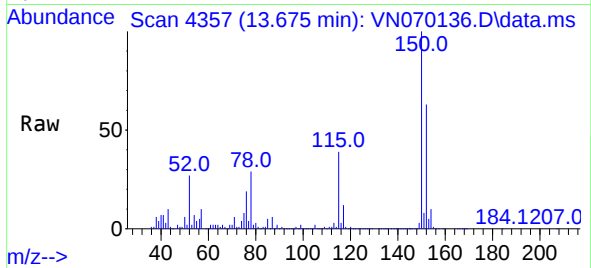
Tgt Ion:106 Resp: 130017
Ion Ratio Lower Upper
106 100
91 228.1 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.002 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

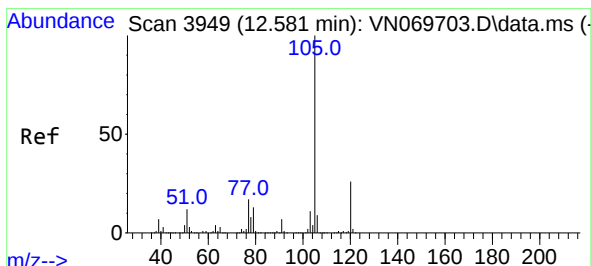
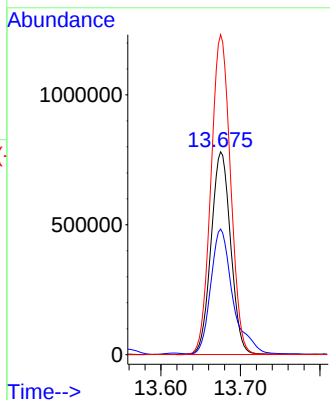
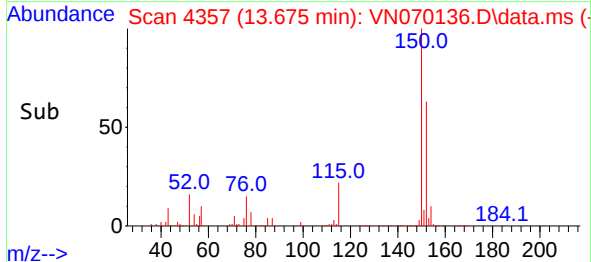
Instrument :
MSVOA_N
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HSB-2-(9-9.5)



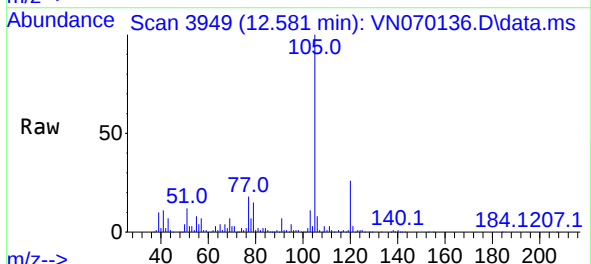
Tgt Ion:152 Resp: 133816
Ion Ratio Lower Upper
152 100
115 69.1 27.5 82.5
150 157.6 0.0 344.4

Manual Integrations
APPROVED

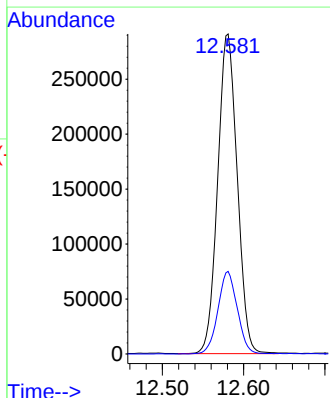
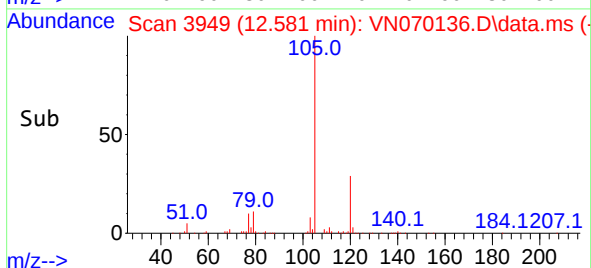
Reviewed By :John Carlone 12/17/2021
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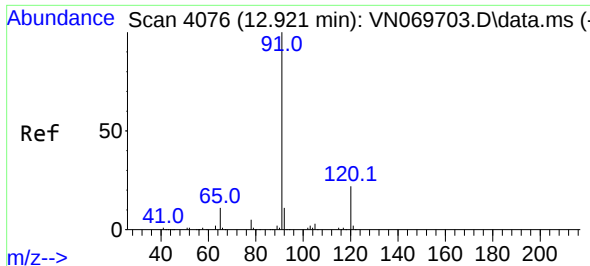


#73
Isopropylbenzene
Concen: 4.08 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31



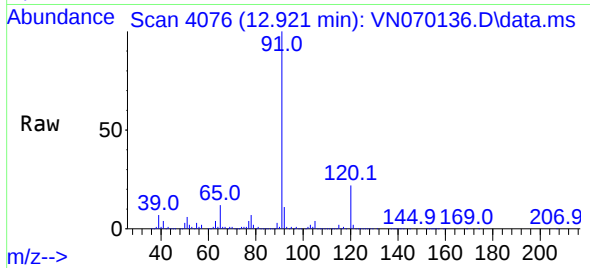
Tgt Ion:105 Resp: 486130
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1





#78
n-propylbenzene
Concen: 19.77 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

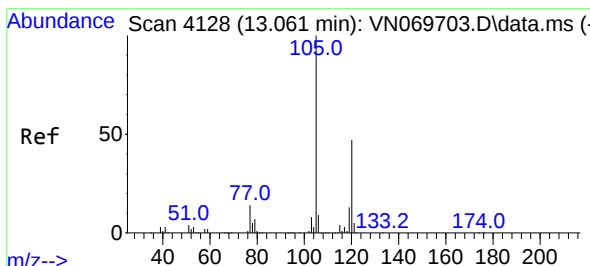
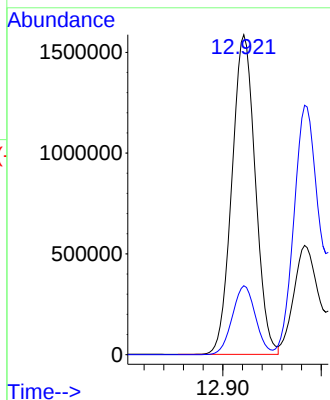
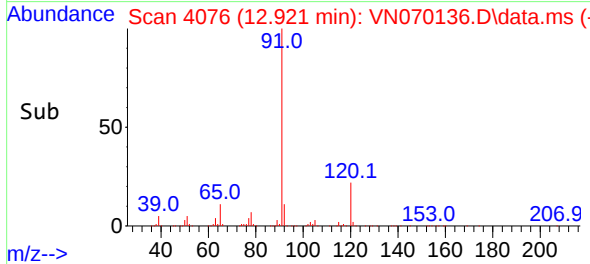
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



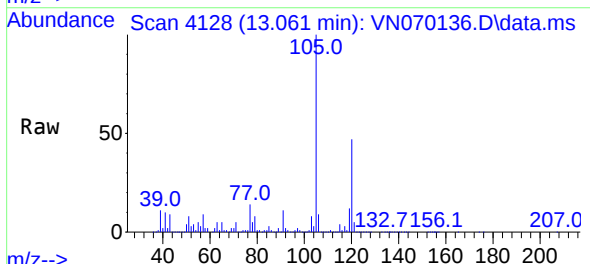
Tgt Ion: 91 Resp: 2619870
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

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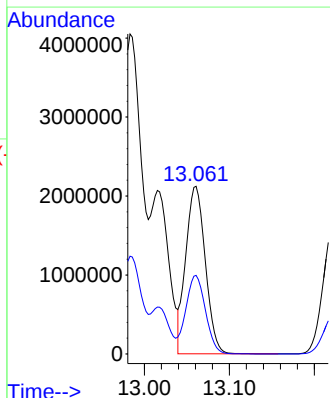
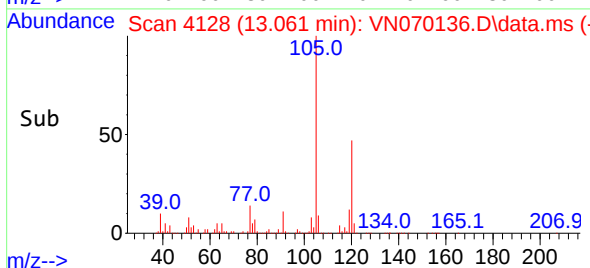
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

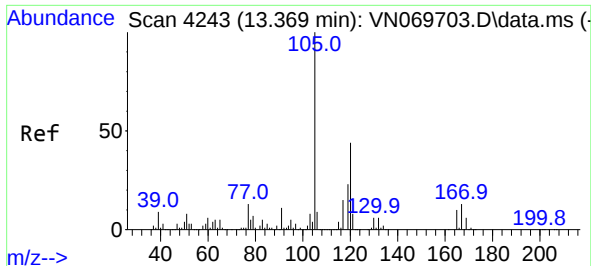


#80
1,3,5-Trimethylbenzene
Concen: 35.34 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31



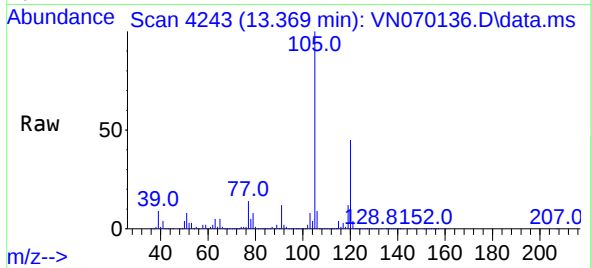
Tgt Ion:105 Resp: 3386868
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 123.31 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

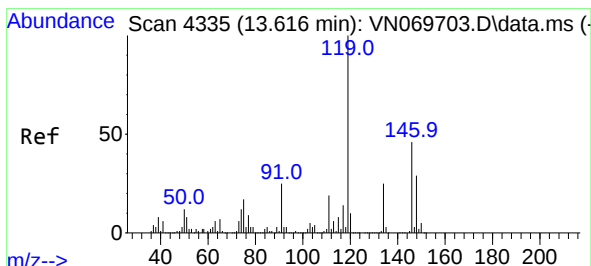
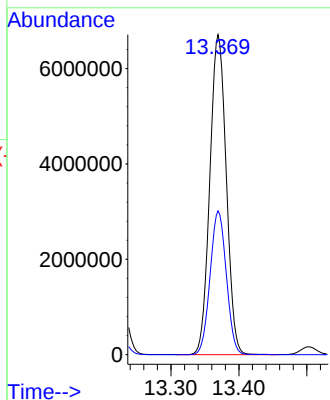
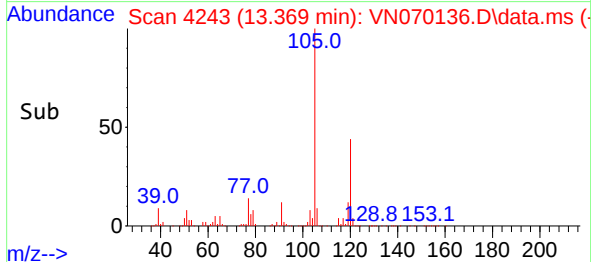
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



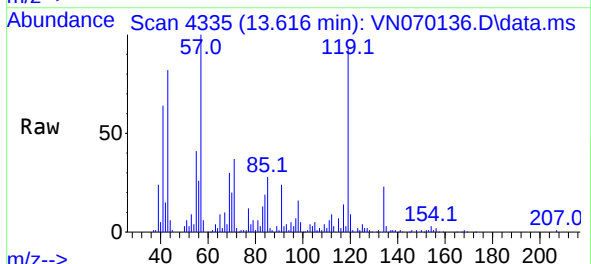
Tgt Ion:105 Resp:11253274
Ion Ratio Lower Upper
105 100
120 44.4 22.8 68.4

Manual Integrations
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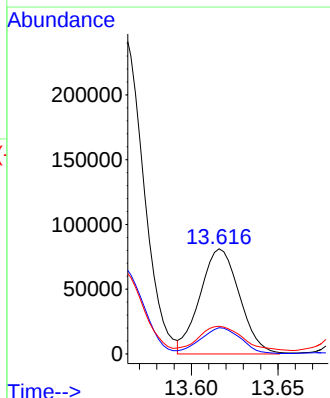
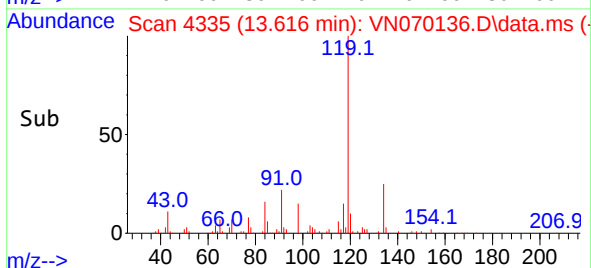
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

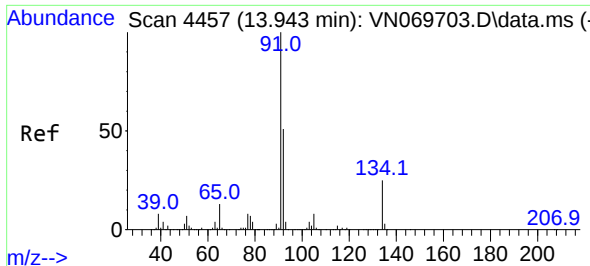


#86
p-Isopropyltoluene
Concen: 1.43 ug/l m
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31



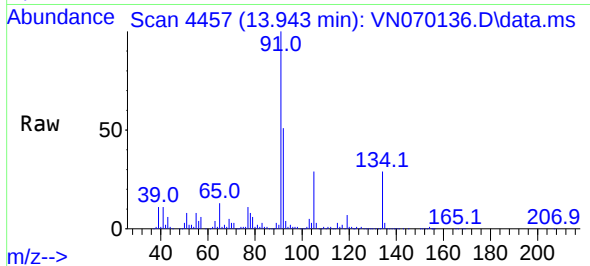
Tgt Ion:119 Resp: 128965
Ion Ratio Lower Upper
119 100
134 84.5 13.6 40.7#
91 75.6 11.4 34.1#





#89
n-Butylbenzene
Concen: 7.83 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31

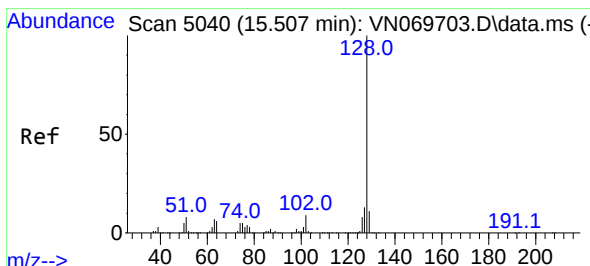
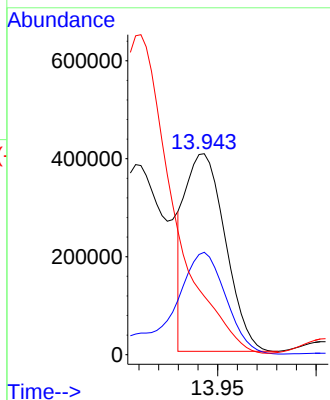
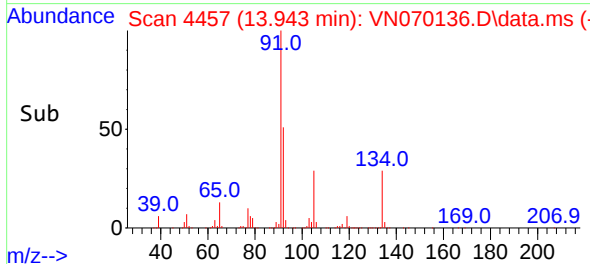
Instrument :
MSVOA_N
ClientSampleId :
HSB-2-(9-9.5)



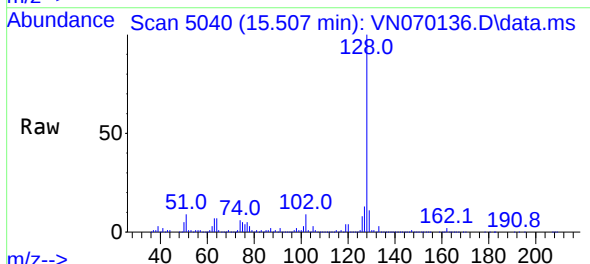
Tgt Ion: 91 Resp: 571528
Ion Ratio Lower Upper
91 100
92 68.8 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#95
Naphthalene
Concen: 28.13 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070136.D
Acq: 16 Dec 2021 14:31



Tgt Ion:128 Resp: 1715397
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.8 8.7 13.1

