

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070242.D
 Acq On : 20 Dec 2021 15:54
 Operator : JC/MD
 Sample : M5044-08
 Misc : 4.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-8-4.5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 21 04:02:45 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	8.086	168	1251977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2349972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2884735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1490964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	940667	48.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.32%		
35) Dibromofluoromethane	8.021	113	656912	44.63	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.26%		
50) Toluene-d8	10.441	98	3170894	53.65	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.30%		
62) 4-Bromofluorobenzene	12.728	95	1591035	74.30	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	148.60%#		
Target Compounds						
39) Methylcyclohexane	9.459	83	293840	11.04	ug/l #	76
52) Toluene	10.505	92	4172427	99.95	ug/l	97
67) Ethyl Benzene	11.843	91	10053754	94.57	ug/l	97
68) m/p-Xylenes	11.950	106	10247473	264.75	ug/l #	1
69) o-Xylene	12.278	106	4431729	113.67	ug/l	91
73) Isopropylbenzene	12.578	105	1776203	13.39	ug/l	99
78) n-propylbenzene	12.919	91	4294740	29.09	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	4364277	40.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.361	105	15985571m	157.21	ug/l	
85) sec-Butylbenzene	13.501	105	415878	3.24	ug/l #	62
86) p-Isopropyltoluene	13.613	119	200797m	2.00	ug/l	
89) n-Butylbenzene	13.940	91	717610	8.83	ug/l #	72
95) Naphthalene	15.504	128	2651169	37.47	ug/l	100

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

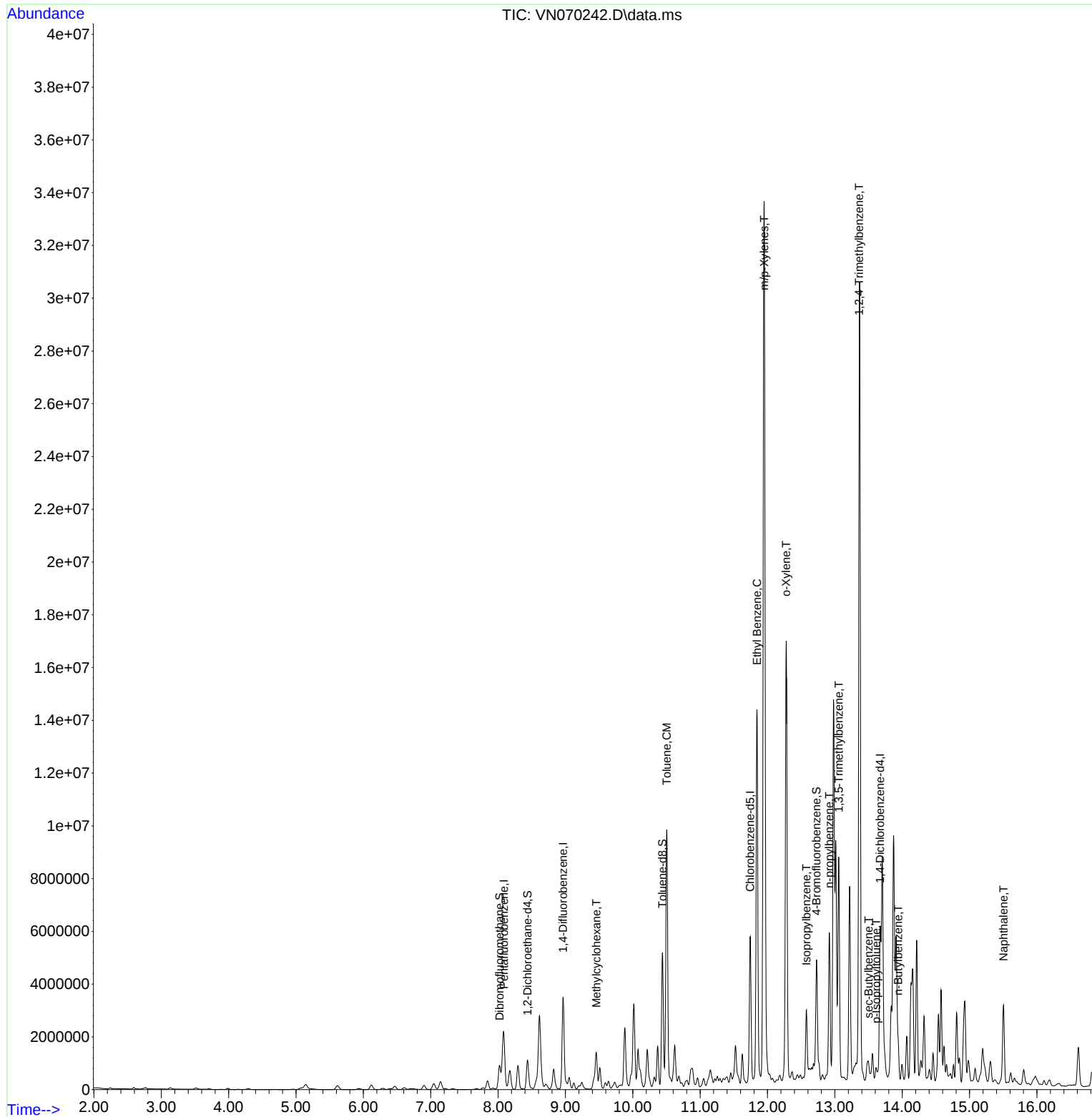
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070242.D
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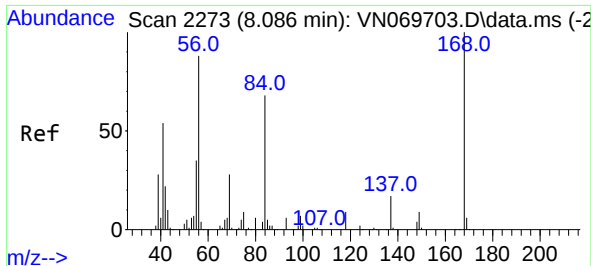
Instrument :
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Quant Time: Dec 21 04:02:45 2021
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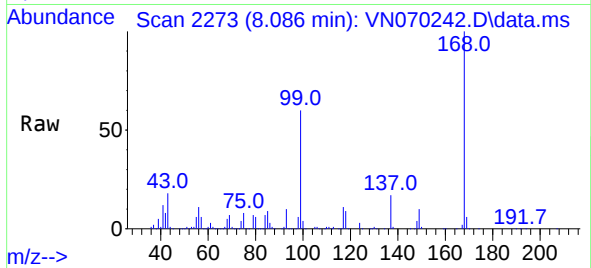
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

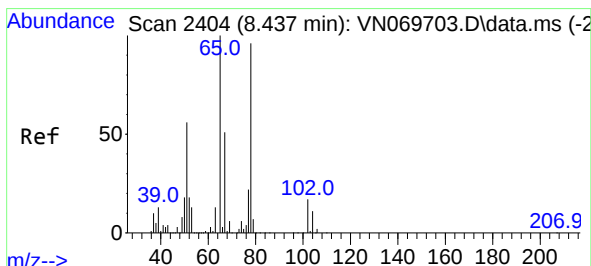
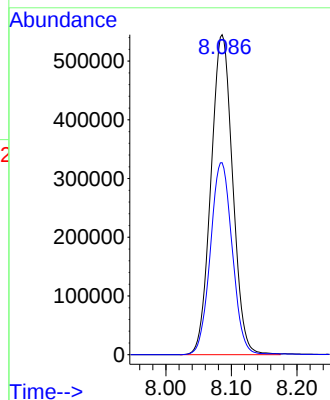
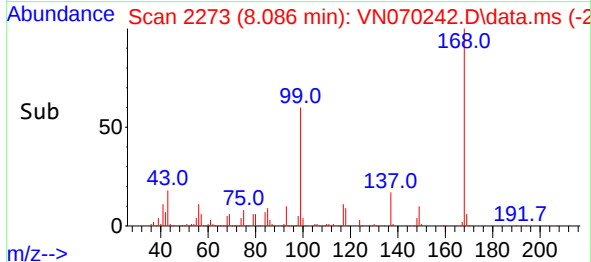
Instrument :
MSVOA_N
ClientSampleId :
DA-8-4.5



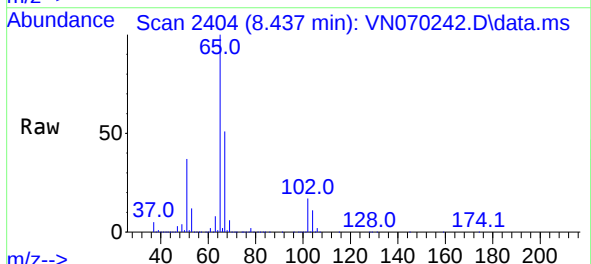
Tgt Ion: 168 Resp: 125197
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

Manual Integrations
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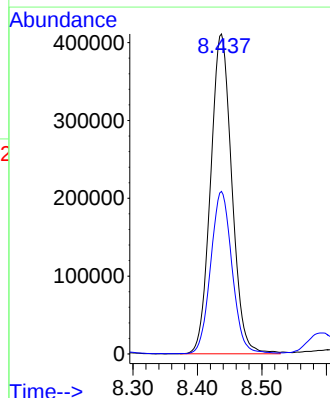
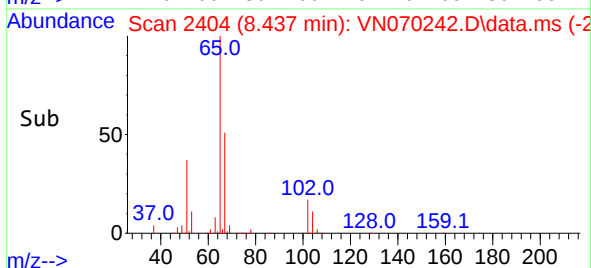
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

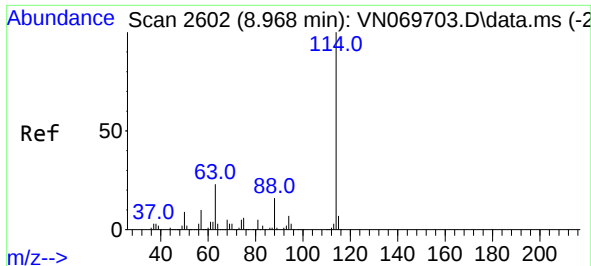


#33
1,2-Dichloroethane-d4
Concen: 48.66 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



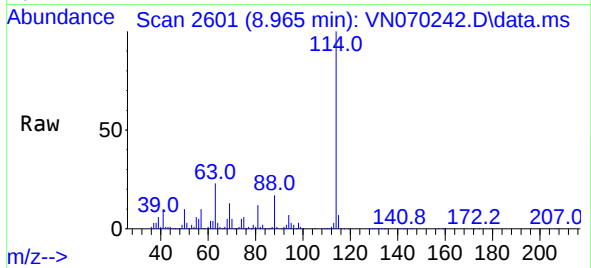
Tgt Ion: 65 Resp: 940667
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

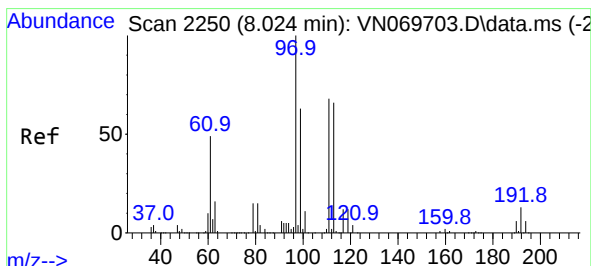
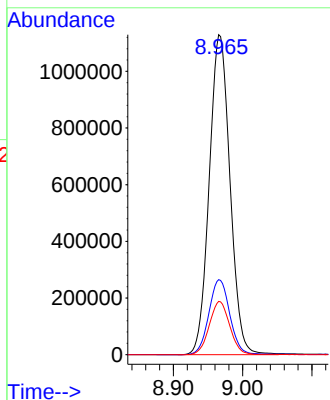
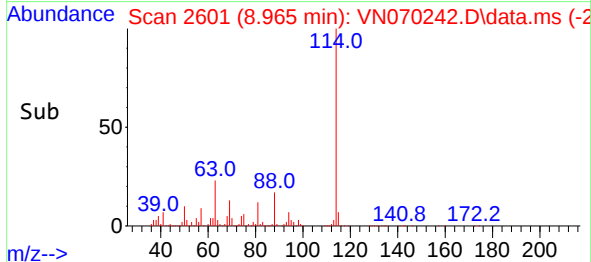
Instrument :
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DA-8-4.5



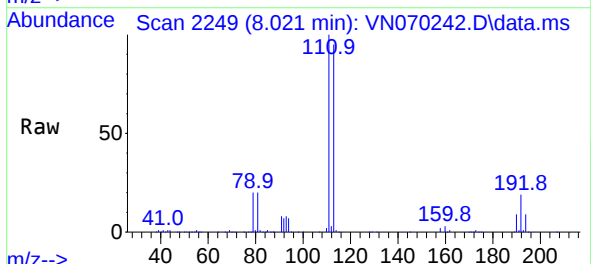
Tgt Ion:114 Resp: 2349972
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.6 0.0 27.4

Manual Integrations
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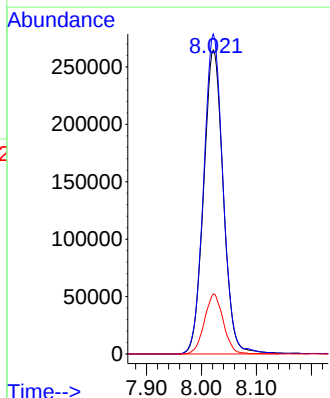
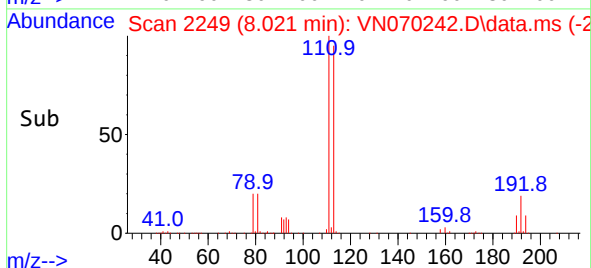
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

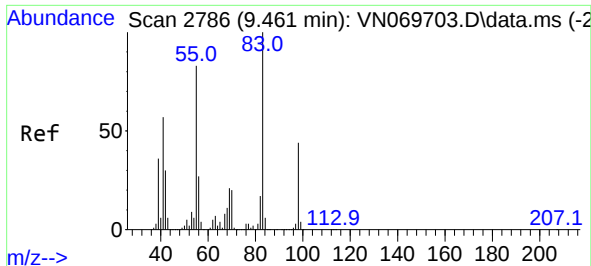


#35
Dibromofluoromethane
Concen: 44.63 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



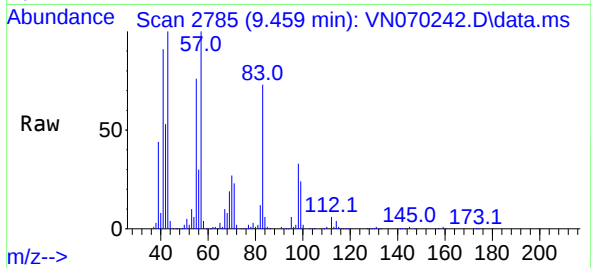
Tgt Ion:113 Resp: 656912
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.0 16.9 25.3





#39
Methylcyclohexane
Concen: 11.04 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

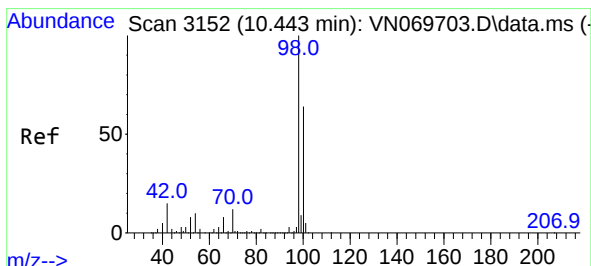
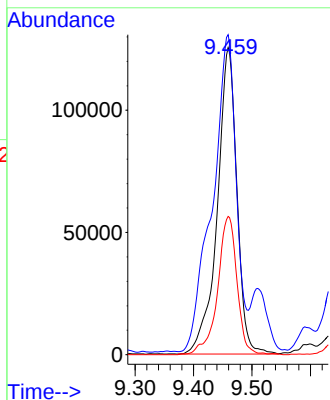
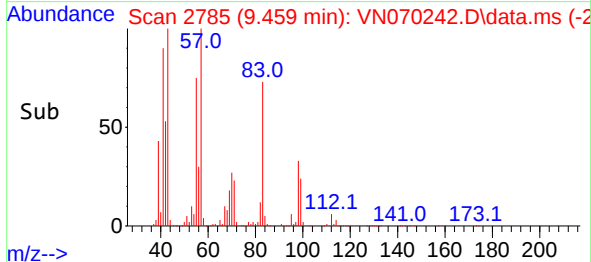
Instrument :
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DA-8-4.5



Tgt Ion: 83 Resp: 293840
Ion Ratio Lower Upper
83 100
55 103.4 58.1 87.1
98 45.1 38.4 57.6

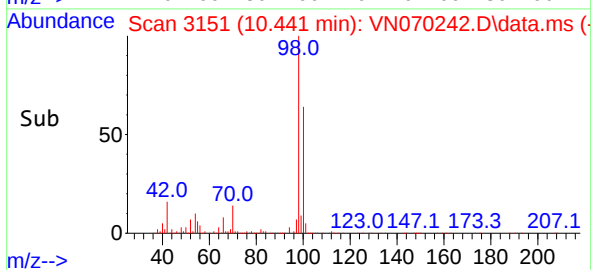
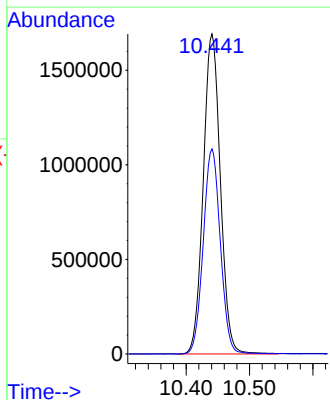
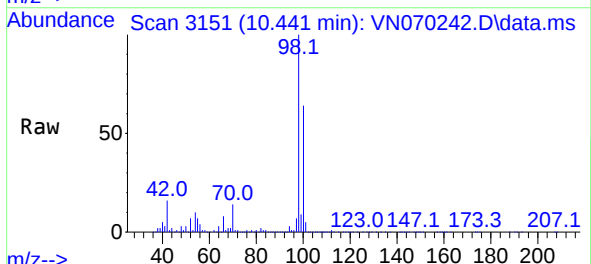
Manual Integrations
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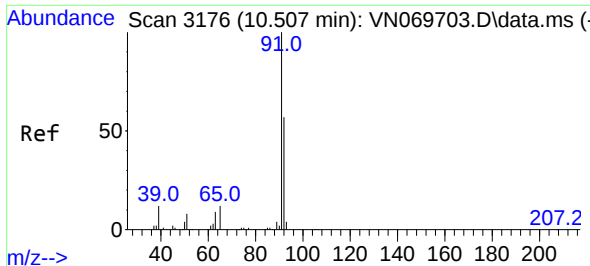
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 53.65 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

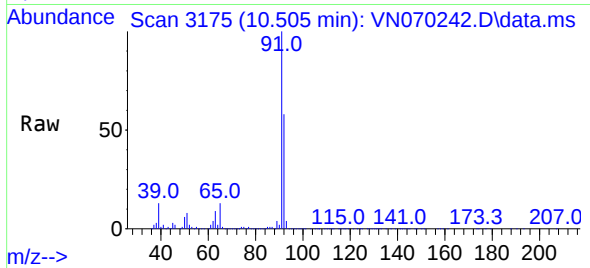
Tgt Ion: 98 Resp: 3170894
Ion Ratio Lower Upper
98 100
100 64.1 50.4 75.6





#52
Toluene
Concen: 99.95 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

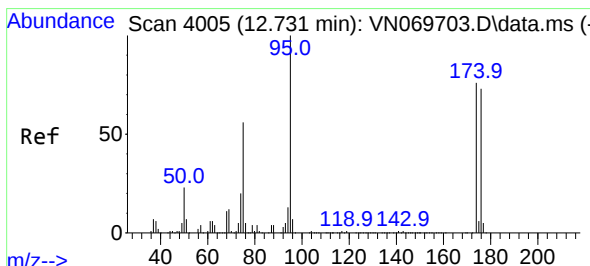
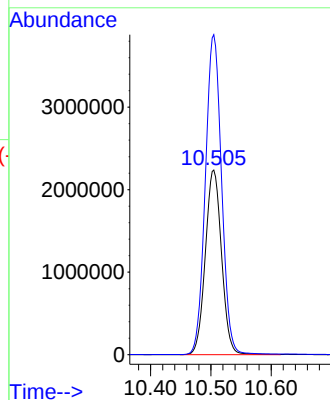
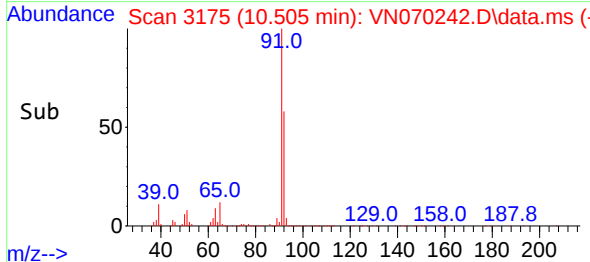
Instrument :
MSVOA_N
ClientSampleId :
DA-8-4.5



Tgt Ion: 92 Resp: 417242
Ion Ratio Lower Upper
92 100
91 173.4 142.0 213.0

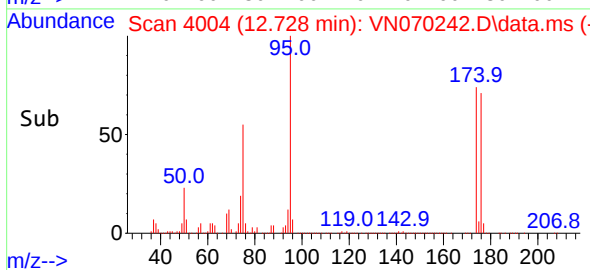
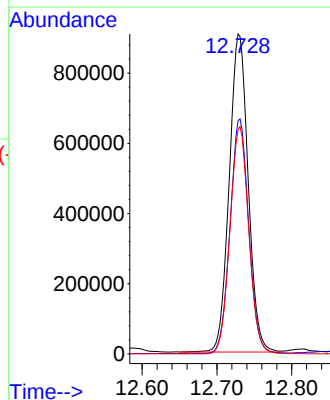
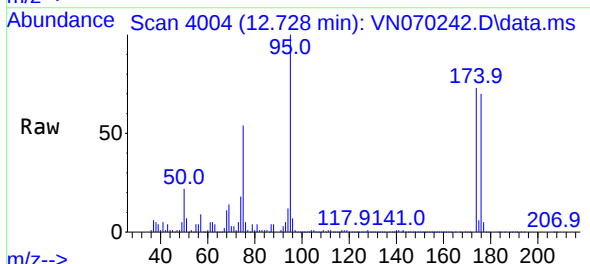
Manual Integrations
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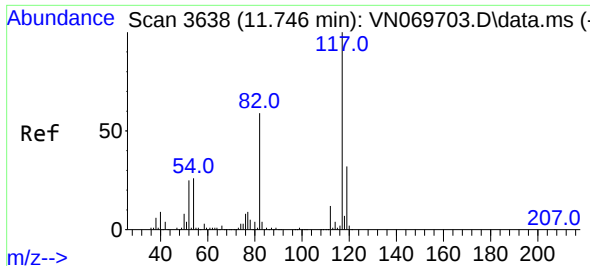
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 74.30 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

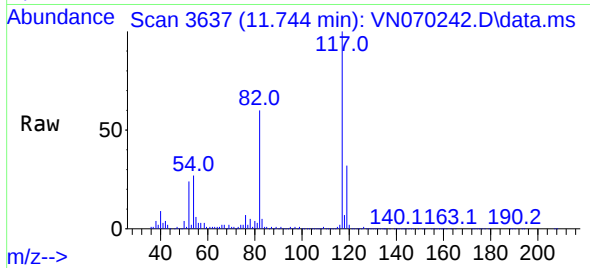
Tgt Ion: 95 Resp: 1591035
Ion Ratio Lower Upper
95 100
174 72.7 0.0 187.2
176 71.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

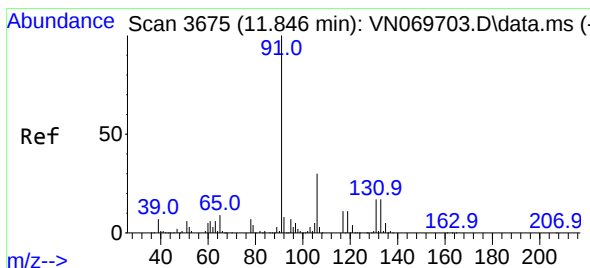
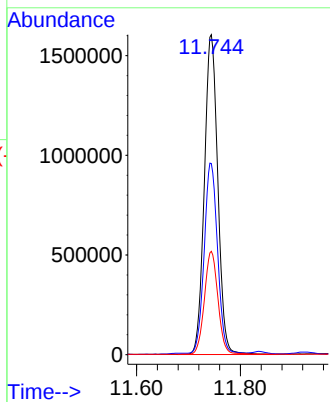
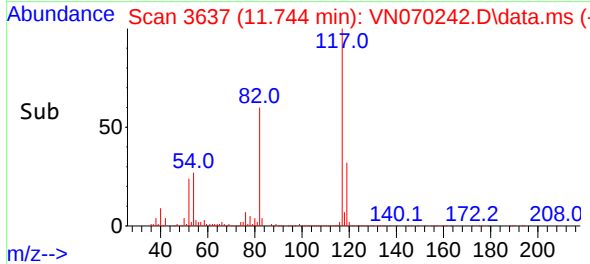
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DA-8-4.5



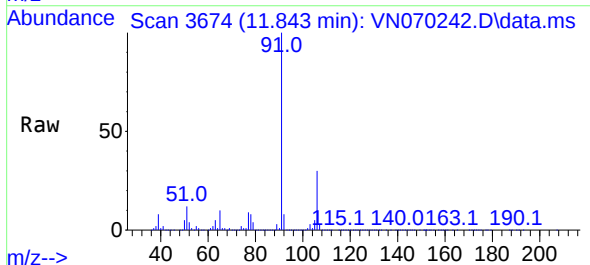
Tgt Ion:117 Resp: 2884735
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
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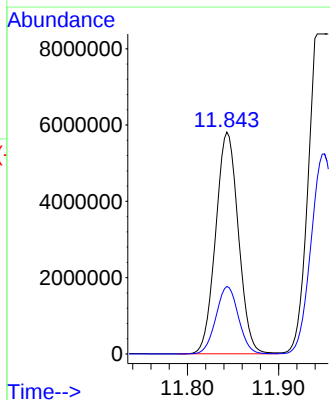
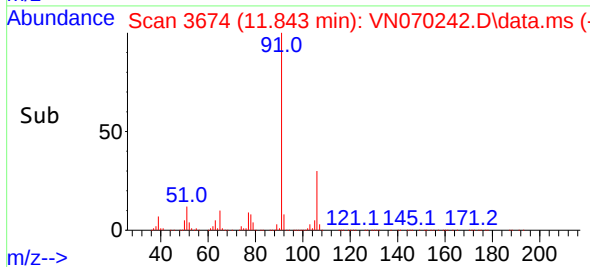
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

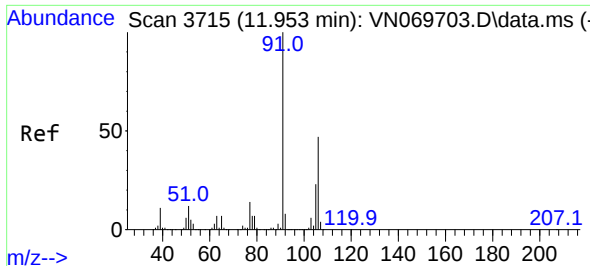


#67
Ethyl Benzene
Concen: 94.57 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



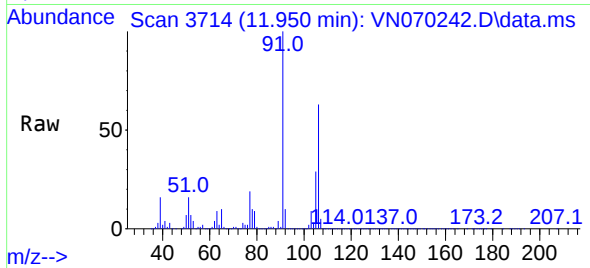
Tgt Ion: 91 Resp:10053754
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5





#68
m/p-Xylenes
Concen: 264.75 ug/l
RT: 11.950 min Scan# 3715
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

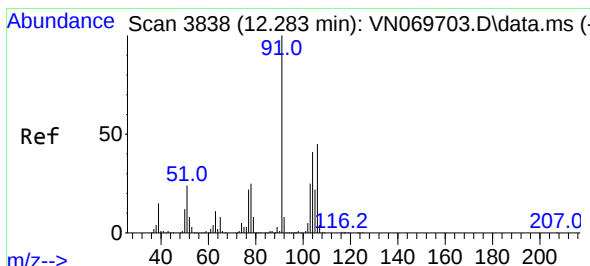
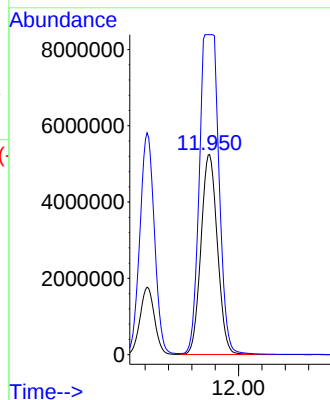
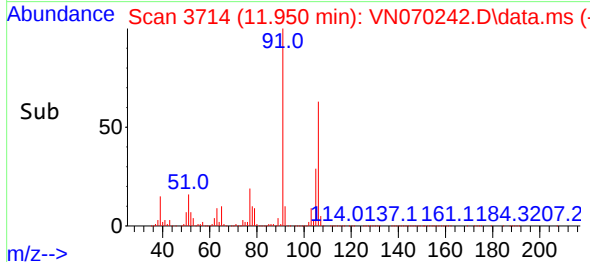
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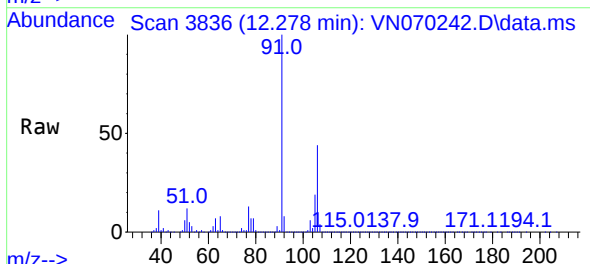
Tgt Ion:106 Resp:1024747
Ion Ratio Lower Upper
106 100
91 0.0 160.6 240.8

Manual Integrations
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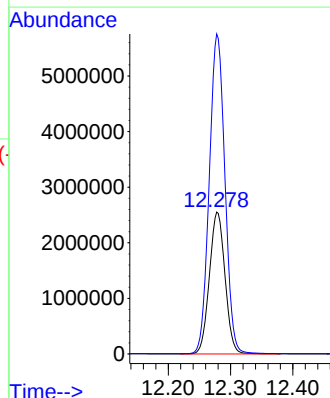
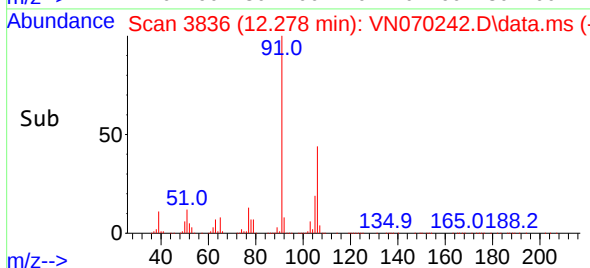
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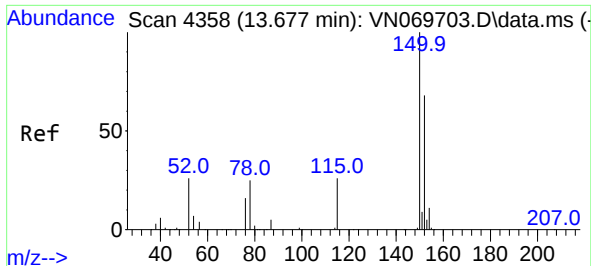


#69
o-Xylene
Concen: 113.67 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



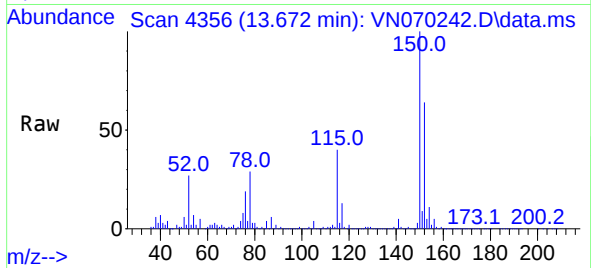
Tgt Ion:106 Resp: 4431729
Ion Ratio Lower Upper
106 100
91 226.0 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 4358
Delta R.T. -0.005 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

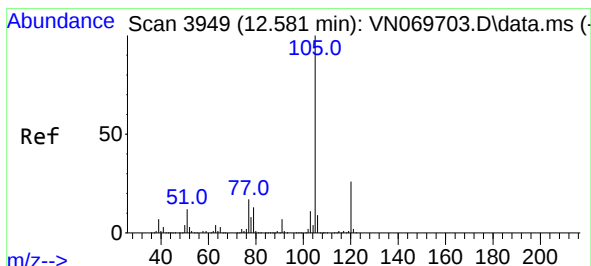
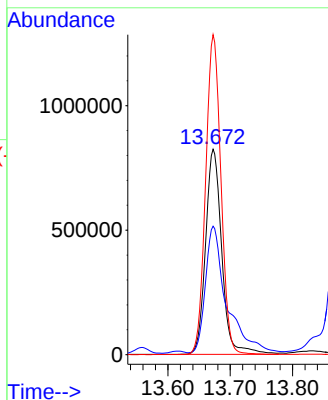
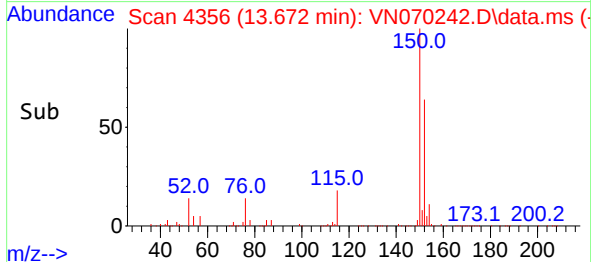
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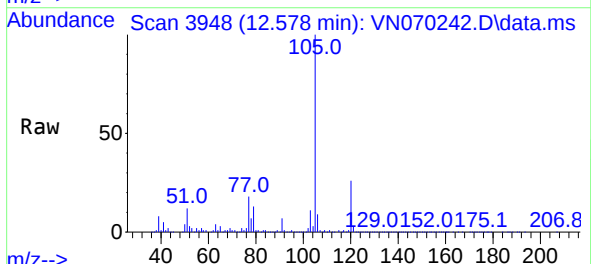
Tgt Ion:152 Resp: 1490964
Ion Ratio Lower Upper
152 100
115 80.3 27.5 82.5
150 147.0 0.0 344.4

Manual Integrations
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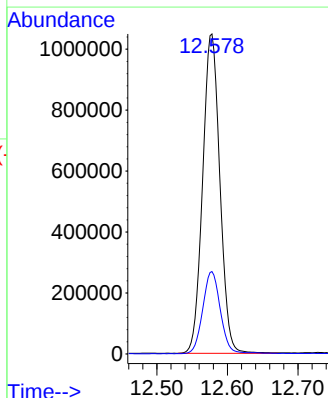
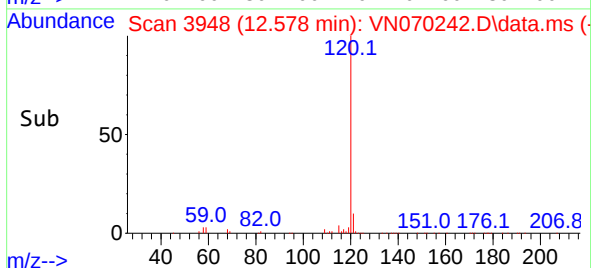
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

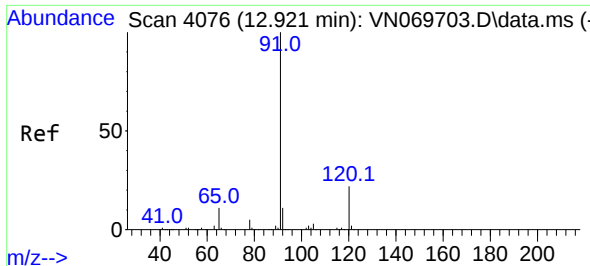


#73
Isopropylbenzene
Concen: 13.39 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



Tgt Ion:105 Resp: 1776203
Ion Ratio Lower Upper
105 100
120 26.2 13.4 40.1





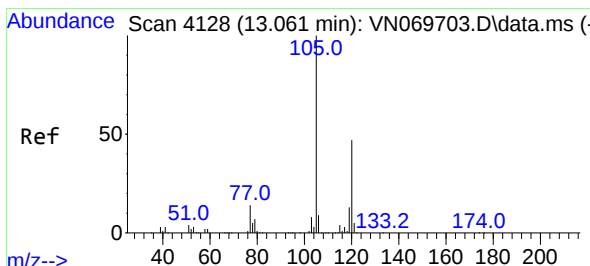
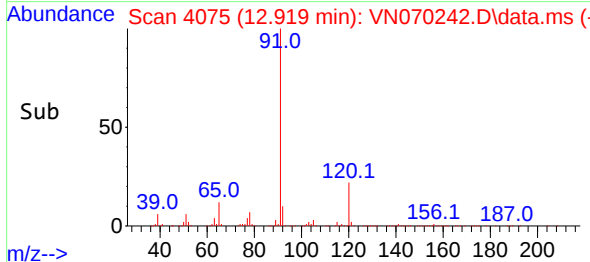
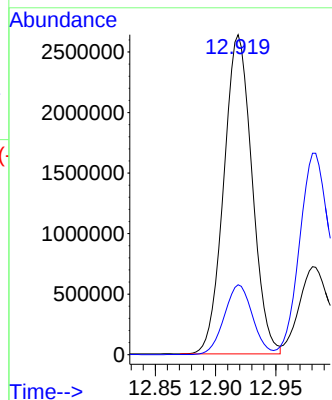
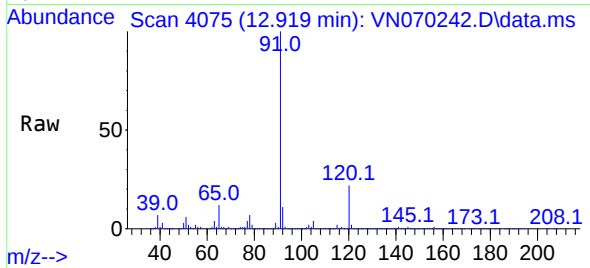
#78
n-propylbenzene
Concen: 29.09 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

Instrument :
MSVOA_N
Client SampleId :
DA-8-4.5

Tgt Ion: 91 Resp: 4294740
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9

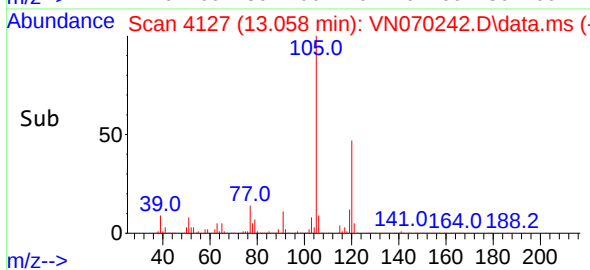
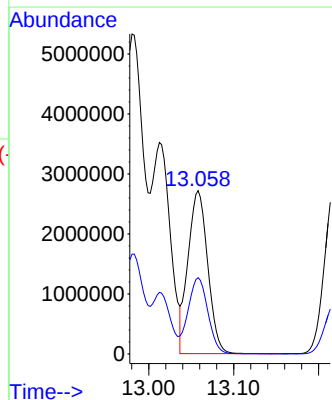
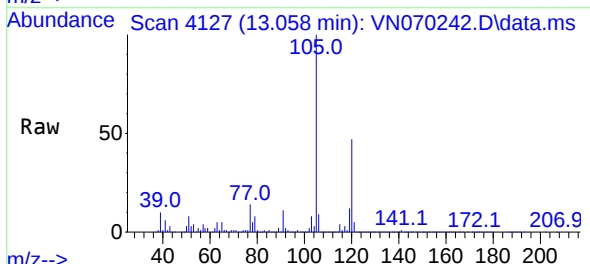
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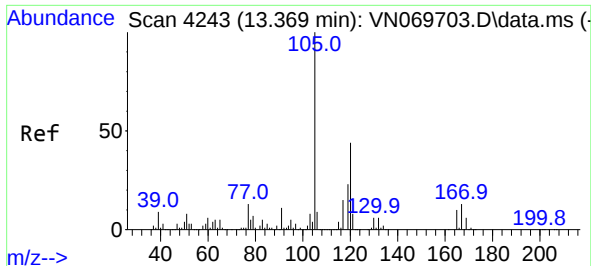
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 40.88 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

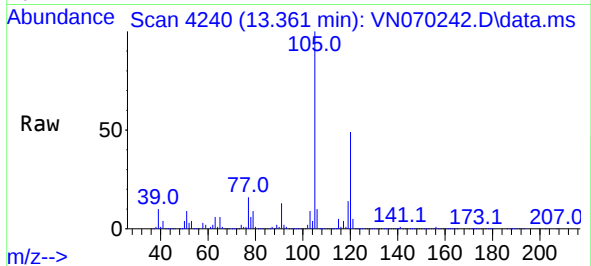
Tgt Ion:105 Resp: 4364277
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 157.21 ug/l m
RT: 13.361 min Scan# 41
Delta R.T. -0.008 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

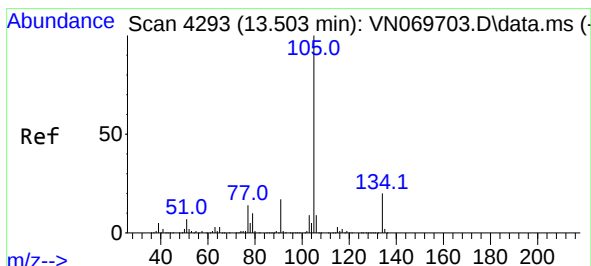
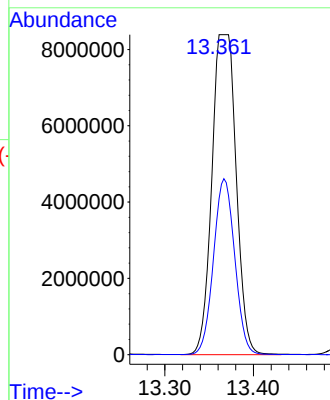
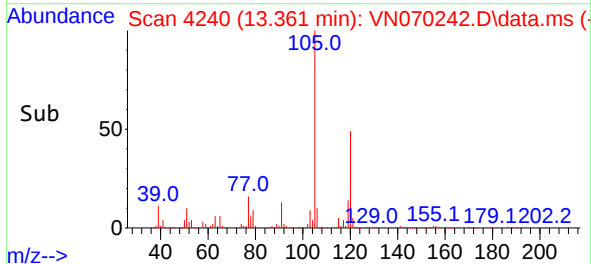
Instrument :
MSVOA_N
ClientSampleId :
DA-8-4.5



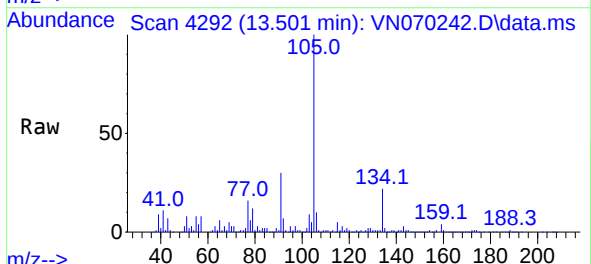
Tgt Ion:105 Resp:1598557
Ion Ratio Lower Upper
105 100
120 8.8 22.8 68.4

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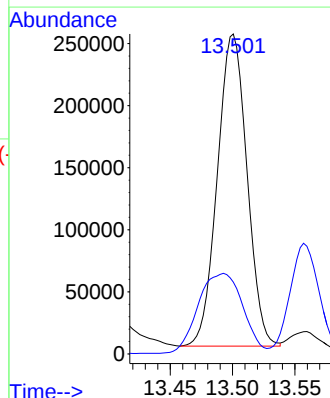
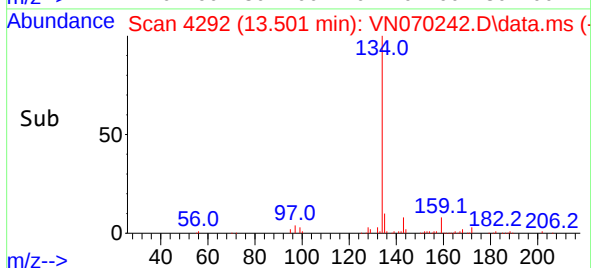
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

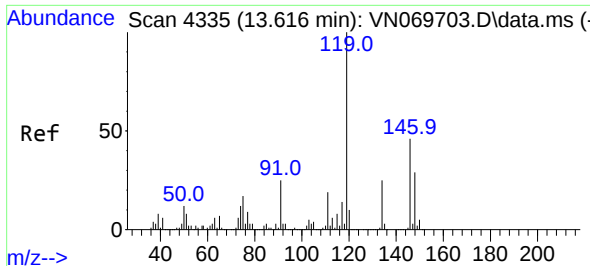


#85
sec-Butylbenzene
Concen: 3.24 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54



Tgt Ion:105 Resp: 415878
Ion Ratio Lower Upper
105 100
134 38.5 10.4 31.1





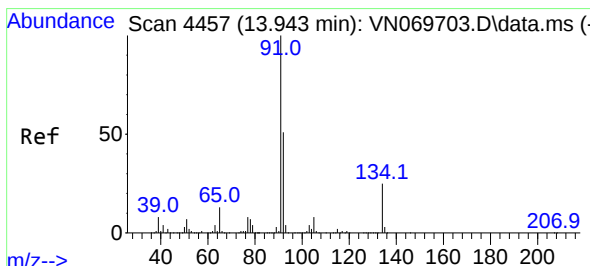
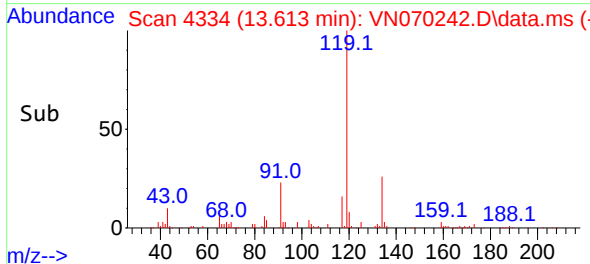
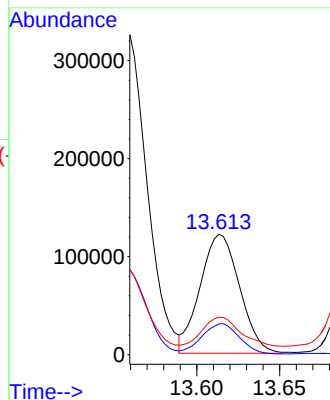
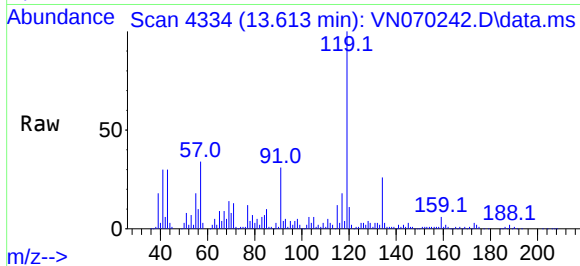
#86
p-Isopropyltoluene
Concen: 2.00 ug/l m
RT: 13.613 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

Instrument :
MSVOA_N
ClientSampleId :
DA-8-4.5

Tgt Ion: 119 Resp: 20079
Ion Ratio Lower Upper
119 100
134 71.4 13.6 40.7
91 60.1 11.4 34.1

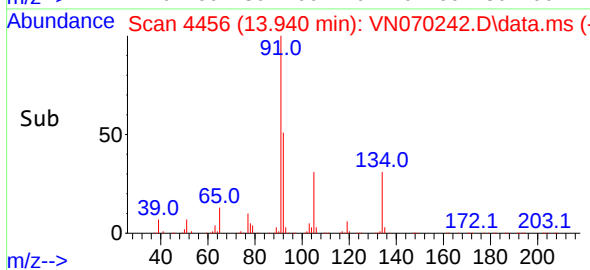
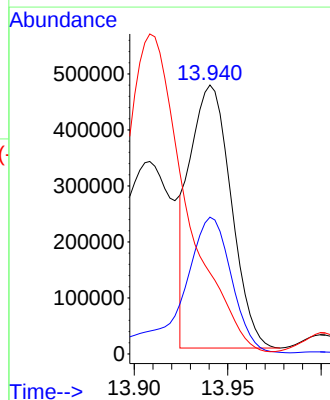
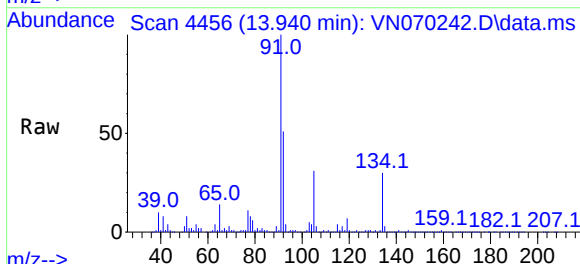
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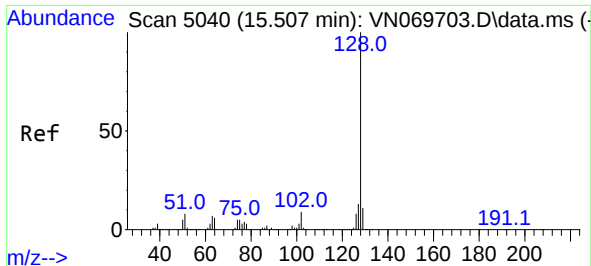
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#89
n-Butylbenzene
Concen: 8.83 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. -0.002 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

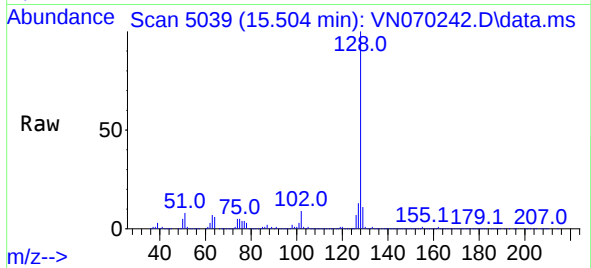
Tgt Ion: 91 Resp: 717610
Ion Ratio Lower Upper
91 100
92 60.6 25.4 76.0
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 37.47 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070242.D
Acq: 20 Dec 2021 15:54

Instrument :
MSVOA_N
ClientSampleId :
DA-8-4.5



Tgt Ion:128 Resp: 2651169
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

