

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
 Data File : VN070241.D
 Acq On : 20 Dec 2021 15:28
 Operator : JC/MD
 Sample : M5044-07
 Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DA-7-4.5

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:02:09 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	1264472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2334996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2754485	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	1537623	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	942346	48.27	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.54%		
35) Dibromofluoromethane	8.016	113	649897	44.43	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.86%		
50) Toluene-d8	10.440	98	3253241	55.40	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	110.80%		
62) 4-Bromofluorobenzene	12.731	95	2052793	96.48	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	192.96%#		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.453	83	1352076	51.14	ug/l	# 72
52) Toluene	10.502	92	75600	1.82	ug/l	93
67) Ethyl Benzene	11.843	91	11518062	113.47	ug/l	97
68) m/p-Xylenes	11.953	106	243393	6.59	ug/l	74
69) o-Xylene	12.278	106	54598	1.47	ug/l	50
73) Isopropylbenzene	12.578	105	12442010	90.95	ug/l	99
78) n-propylbenzene	12.919	91	12205589	80.18	ug/l	96
80) 1,3,5-Trimethylbenzene	13.058	105	2186686	19.86	ug/l	97
83) tert-Butylbenzene	13.324	119	140429	1.44	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	390261	3.72	ug/l	96
85) sec-Butylbenzene	13.501	105	1582628	11.97	ug/l	# 61
86) p-Isopropyltoluene	13.613	119	686782	6.64	ug/l	90
89) n-Butylbenzene	13.940	91	4236780	50.52	ug/l	# 76
95) Naphthalene	15.504	128	6668681	85.66	ug/l	100

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

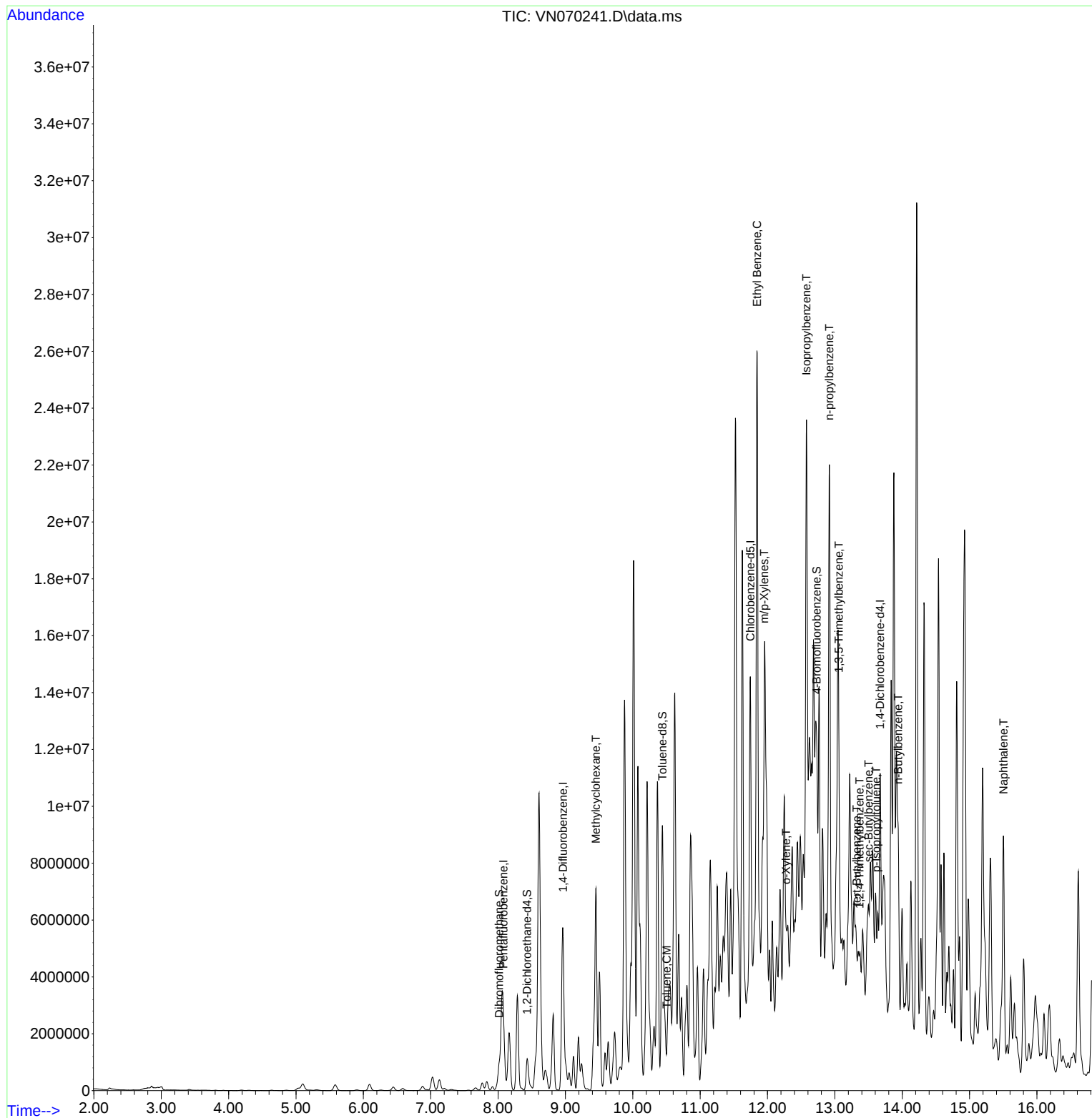
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122021\
Data File : VN070241.D
Acq On : 20 Dec 2021 15:28
Operator : JC/MD
Sample : M5044-07
Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 13 Sample Multiplier: 1

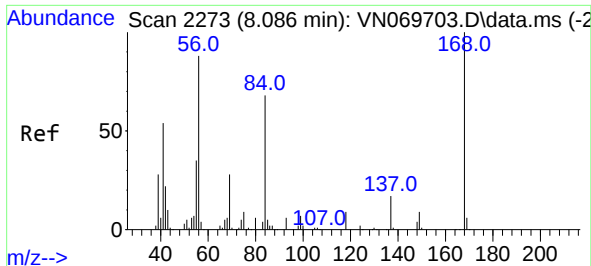
Instrument :
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ClientSampleId :
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Quant Time: Dec 21 04:02:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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QLast Update : Fri Dec 03 08:46:47 2021
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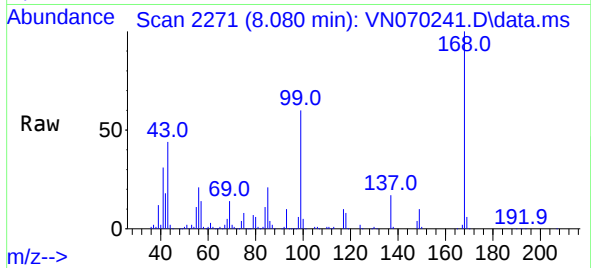
Reviewed By : John Carlone 12/21/2021
Supervised By : Mahesh Dadoda 12/23/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

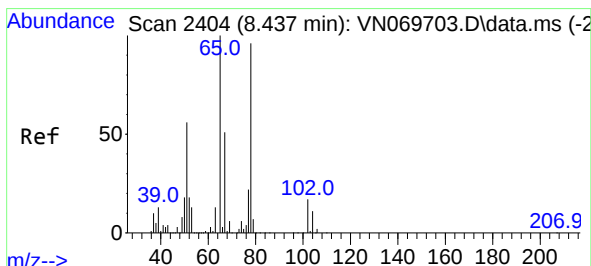
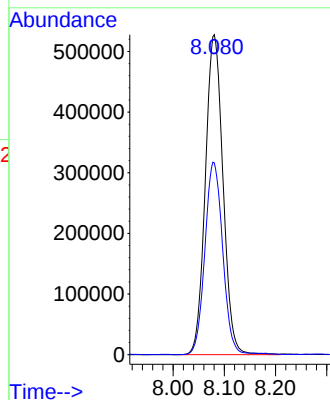
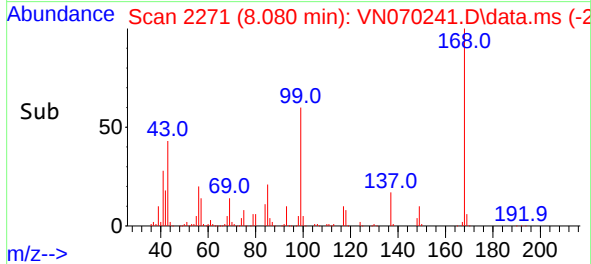
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5



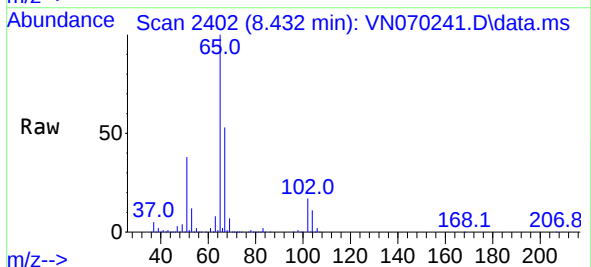
Tgt Ion:168 Resp: 126447
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

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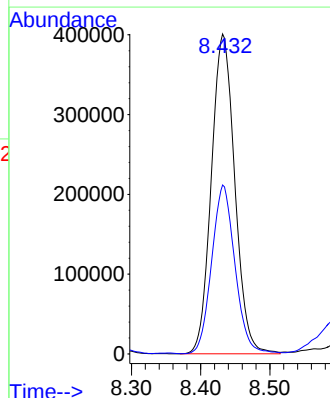
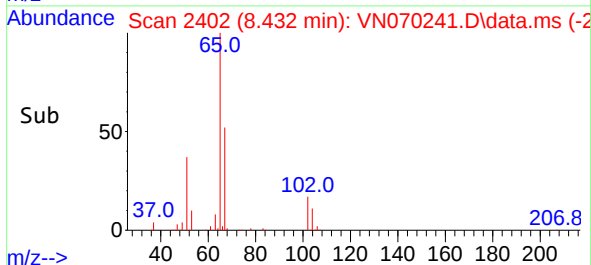
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

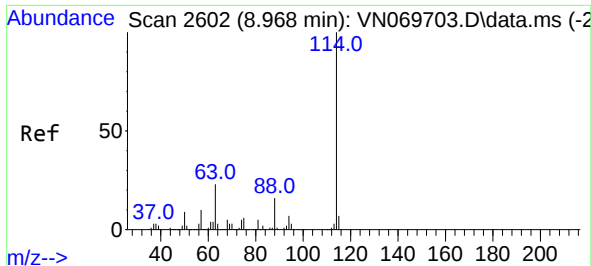


#33
1,2-Dichloroethane-d4
Concen: 48.27 ug/l
RT: 8.432 min Scan# 2402
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



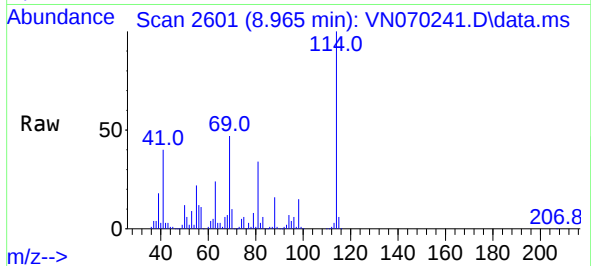
Tgt Ion: 65 Resp: 942346
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 201
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

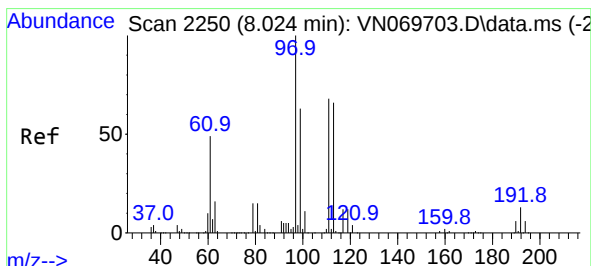
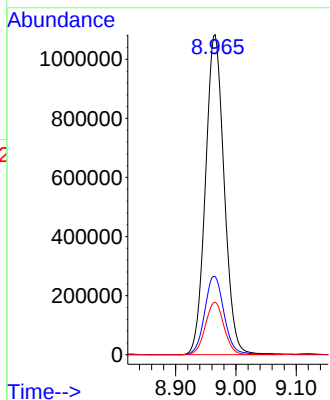
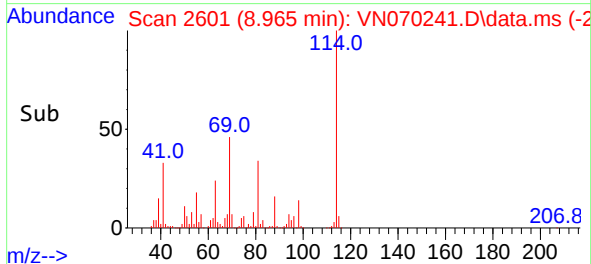
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Tgt Ion:114 Resp: 2334990
Ion Ratio Lower Upper
114 100
63 24.4 0.0 37.8
88 16.4 0.0 27.4

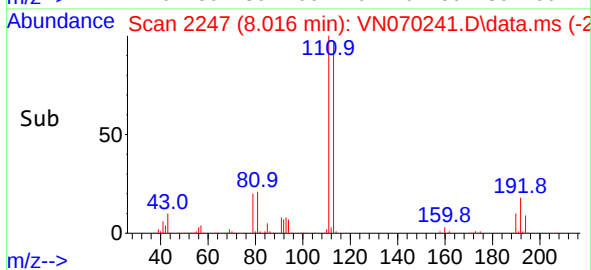
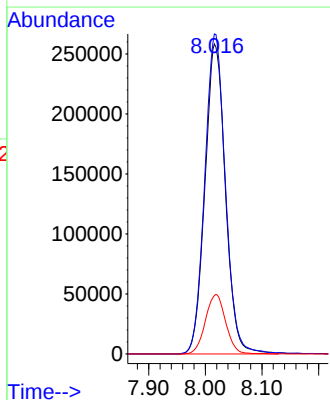
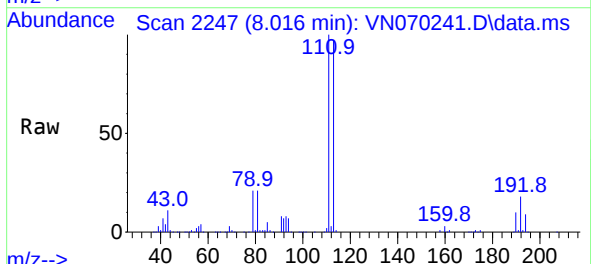
Manual Integrations
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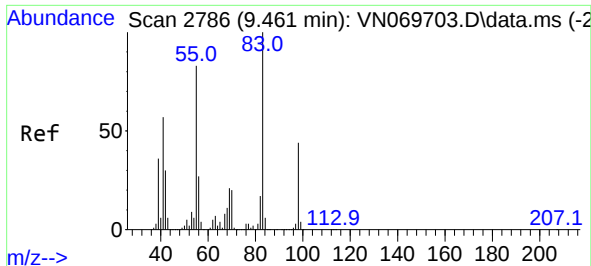
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#35
Dibromofluoromethane
Concen: 44.43 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. -0.008 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

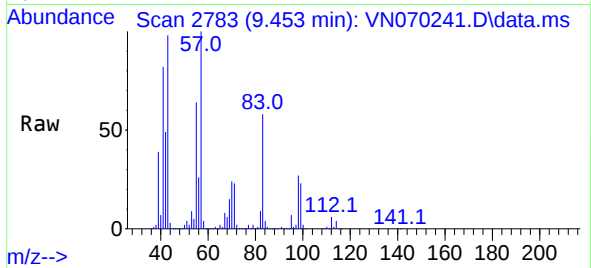
Tgt Ion:113 Resp: 649897
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 19.0 16.9 25.3





#39
Methylcyclohexane
Concen: 51.14 ug/l
RT: 9.453 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

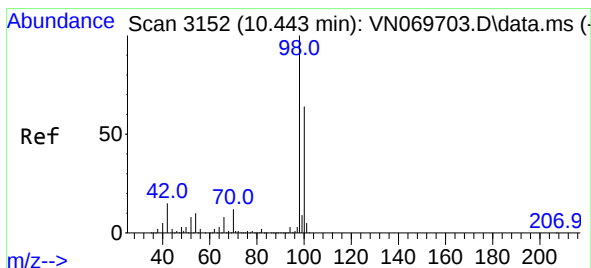
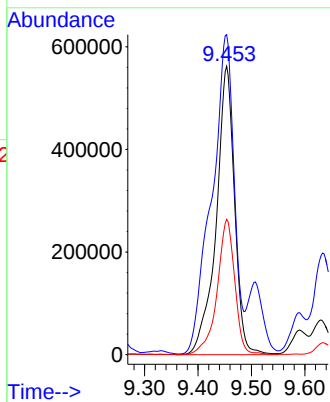
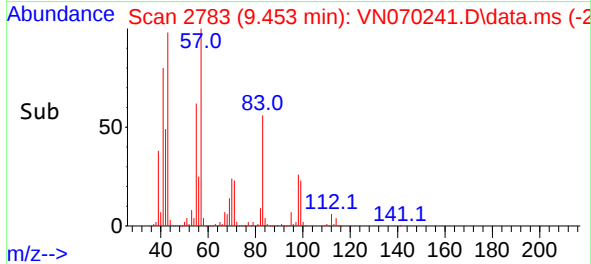
Instrument :
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ClientSampleId :
DA-7-4.5



Tgt Ion: 83 Resp: 1352070
Ion Ratio Lower Upper
83 100
55 110.7 58.1 87.1
98 46.9 38.4 57.6

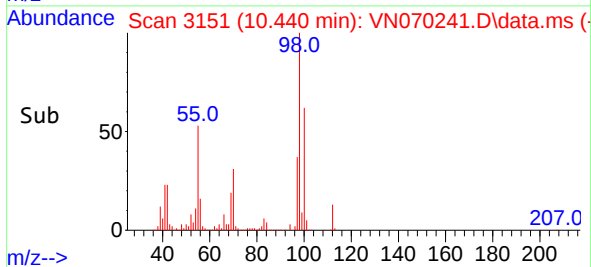
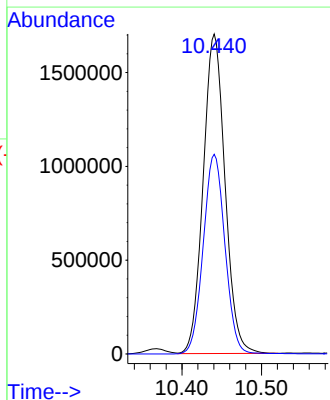
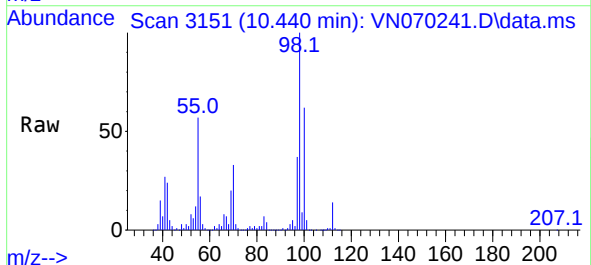
Manual Integrations
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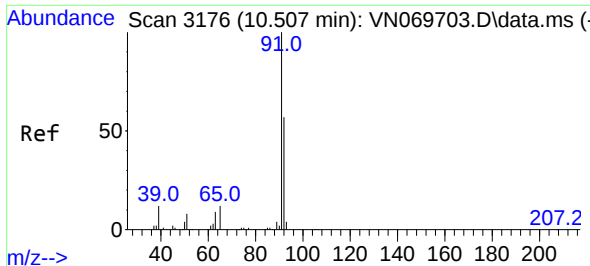
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 55.40 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

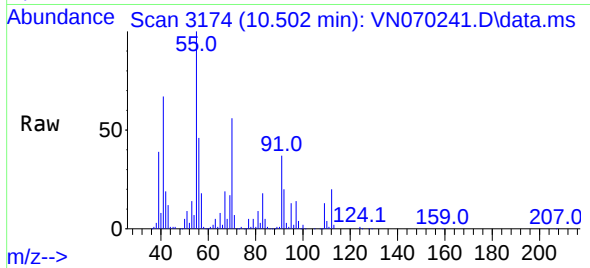
Tgt Ion: 98 Resp: 3253241
Ion Ratio Lower Upper
98 100
100 62.2 50.4 75.6





#52
Toluene
Concen: 1.82 ug/l
RT: 10.502 min Scan# 3176
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

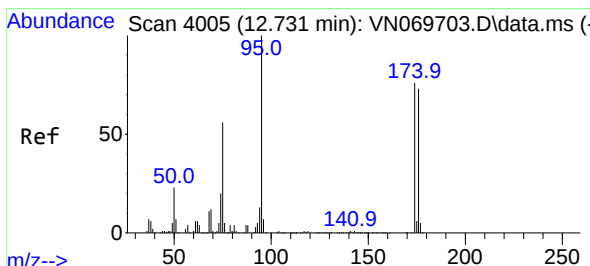
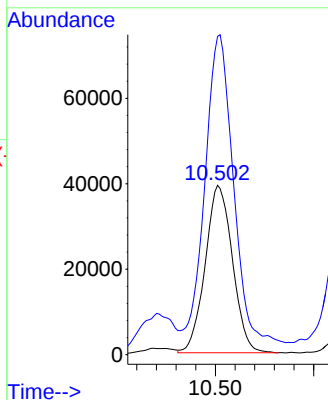
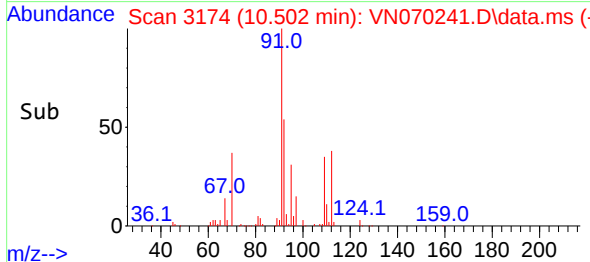
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5



Tgt Ion: 92 Resp: 75600
Ion Ratio Lower Upper
92 100
91 187.2 142.0 213.0

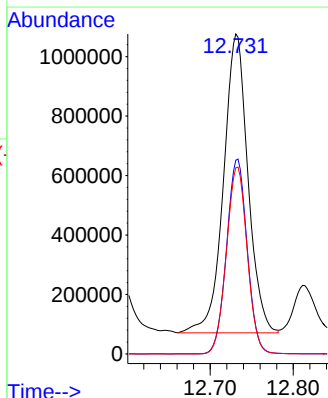
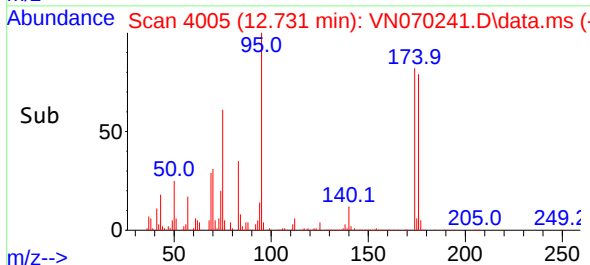
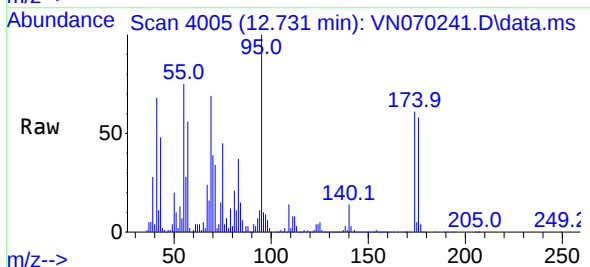
Manual Integrations
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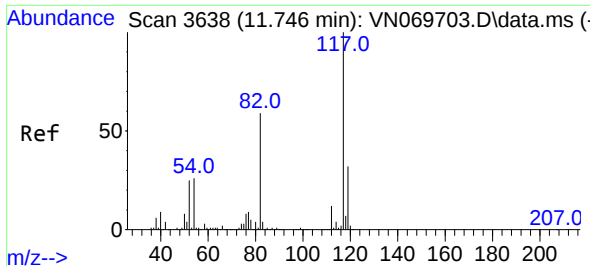
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#62
4-Bromofluorobenzene
Concen: 96.48 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

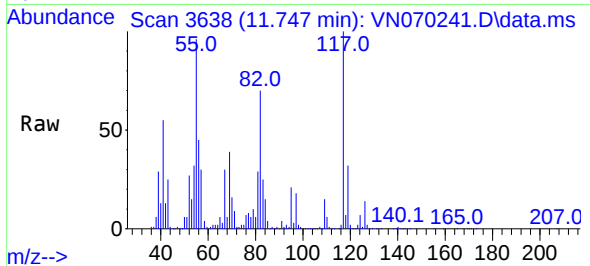
Tgt Ion: 95 Resp: 2052793
Ion Ratio Lower Upper
95 100
174 55.0 0.0 187.2
176 53.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

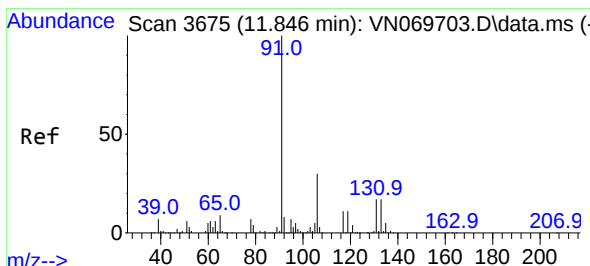
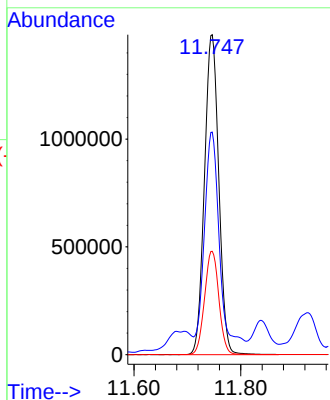
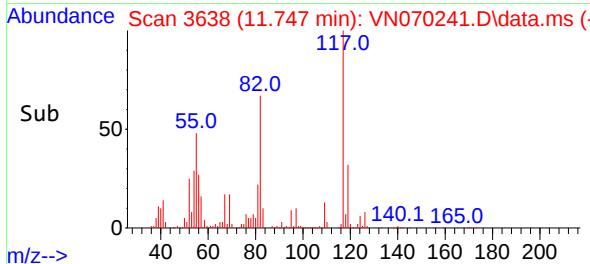
Instrument :
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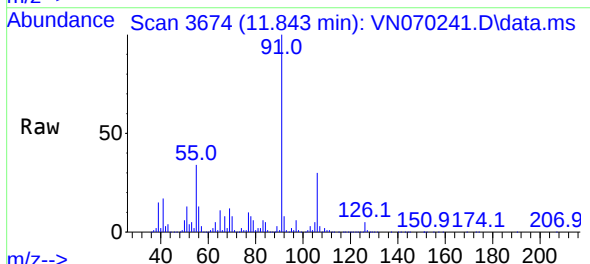
Tgt Ion: 117 Resp: 275448
Ion Ratio Lower Upper
117 100
82 66.3 42.4 63.6
119 32.3 25.4 38.2

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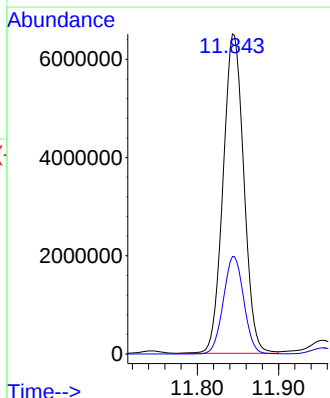
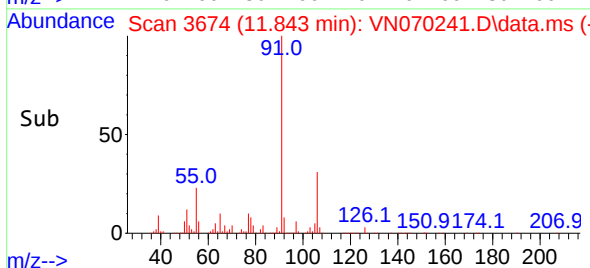
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

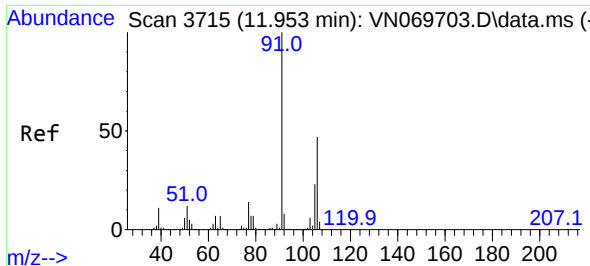


#67
Ethyl Benzene
Concen: 113.47 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



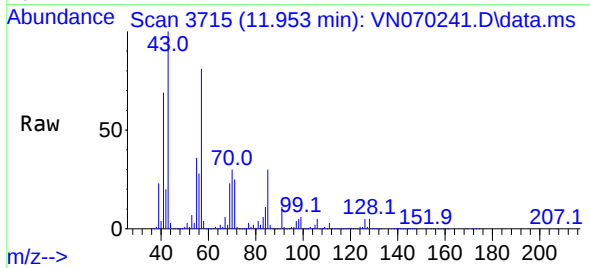
Tgt Ion: 91 Resp: 11518062
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5





#68
m/p-Xylenes
Concen: 6.59 ug/l
RT: 11.953 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

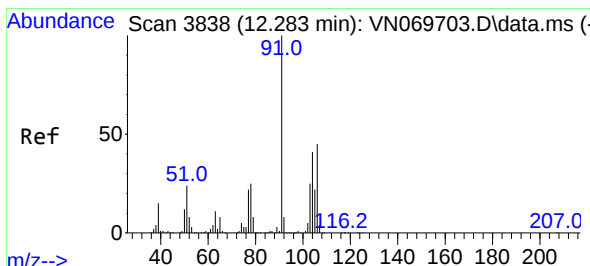
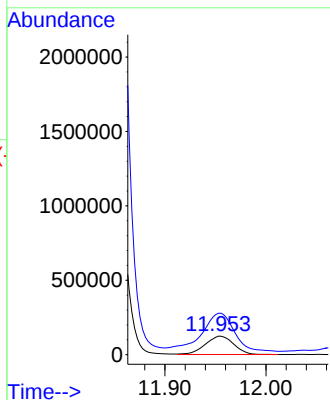
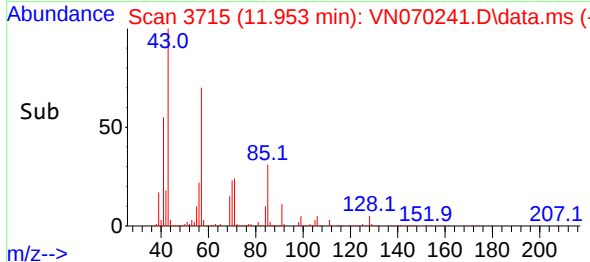
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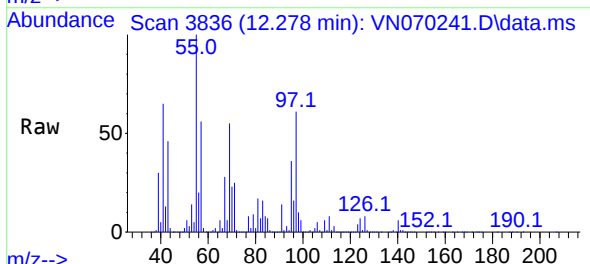
Tgt Ion:106 Resp: 24339
Ion Ratio Lower Upper
106 100
91 240.3 160.6 240.8

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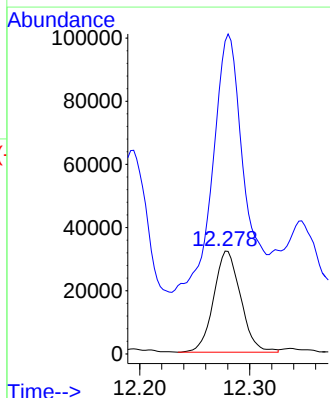
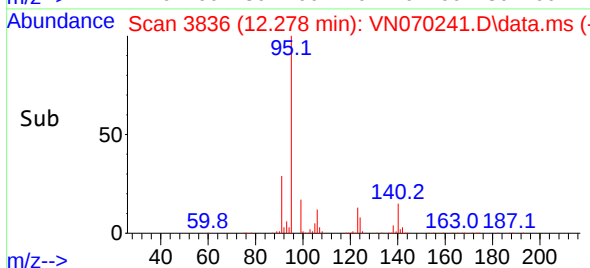
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

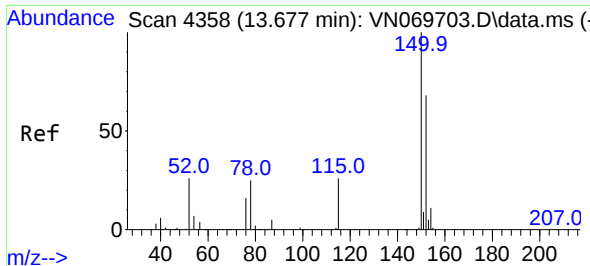


#69
o-Xylene
Concen: 1.47 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



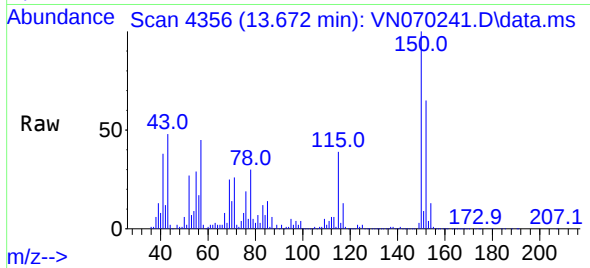
Tgt Ion:106 Resp: 54598
Ion Ratio Lower Upper
106 100
91 289.6 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.672 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

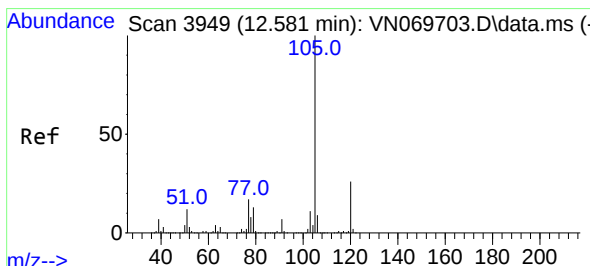
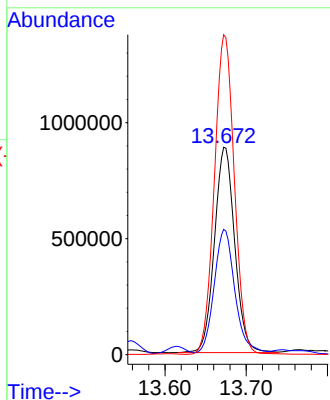
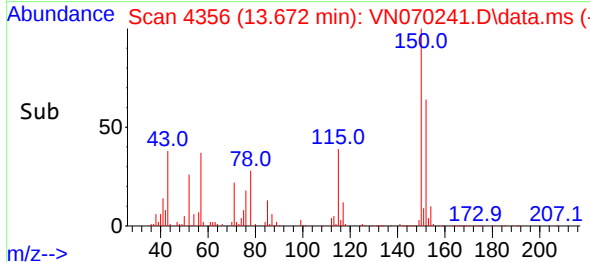
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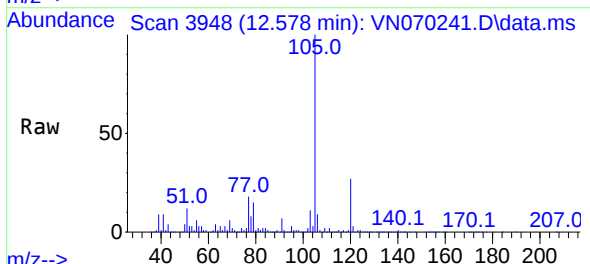
Tgt Ion:152 Resp: 153762
Ion Ratio Lower Upper
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115 60.1 27.5 82.5
150 153.1 0.0 344.4

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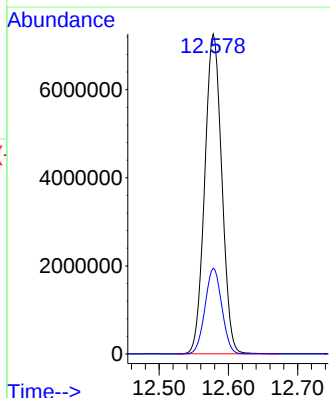
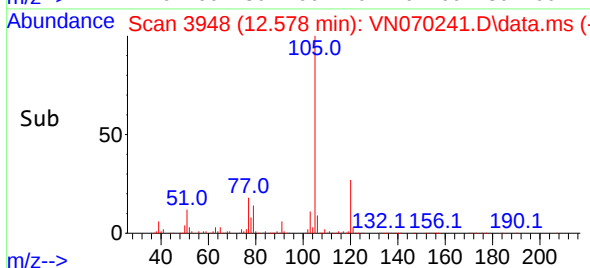
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

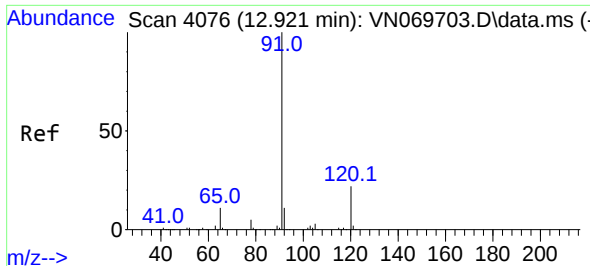


#73
Isopropylbenzene
Concen: 90.95 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



Tgt Ion:105 Resp:12442010
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1





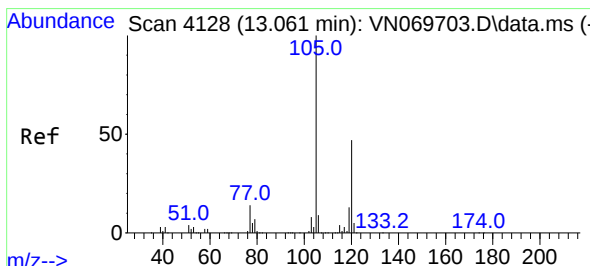
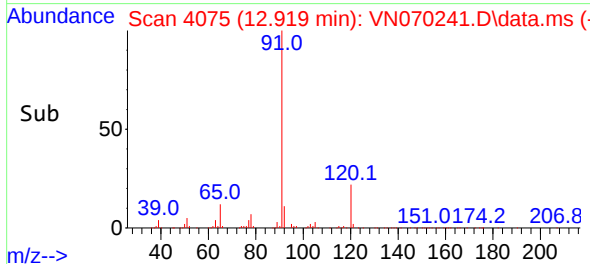
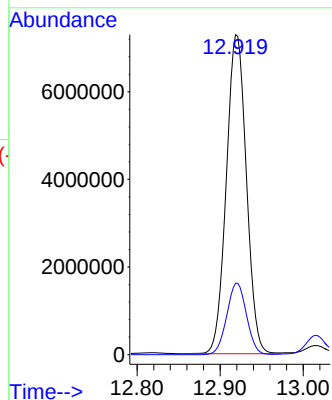
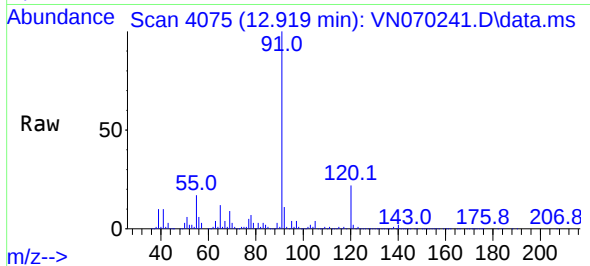
#78
n-propylbenzene
Concen: 80.18 ug/l
RT: 12.919 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5

Tgt Ion: 91 Resp:12205589
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.9

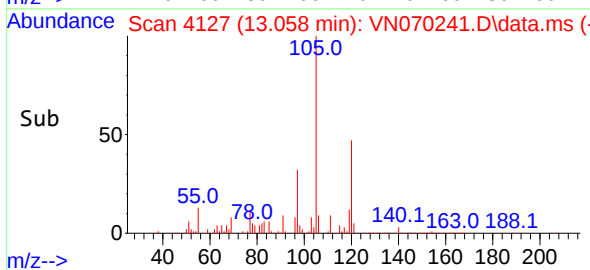
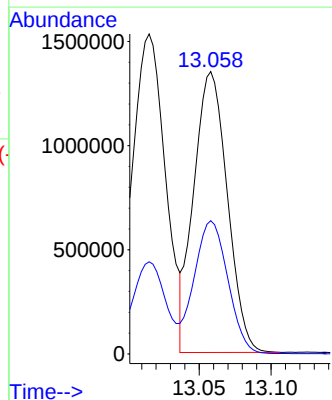
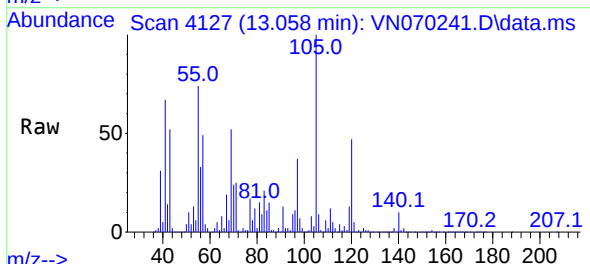
Manual Integrations
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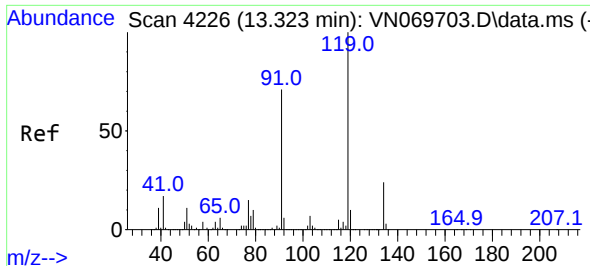
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.86 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

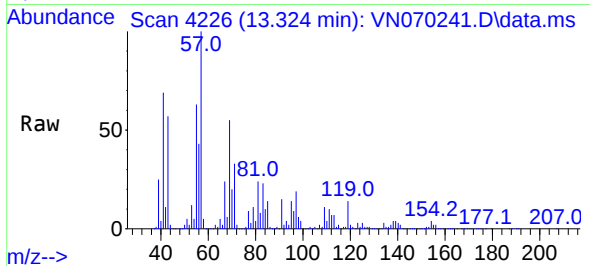
Tgt Ion:105 Resp: 2186686
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#83
tert-Butylbenzene
Concen: 1.44 ug/l
RT: 13.324 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

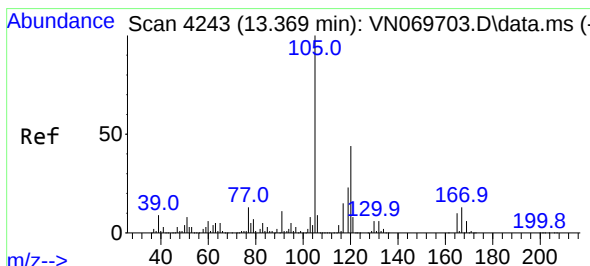
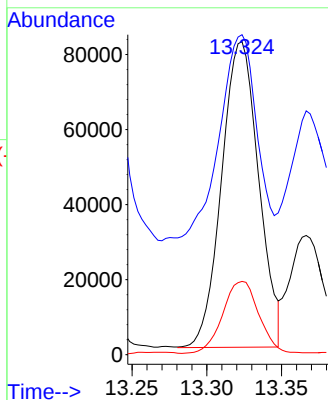
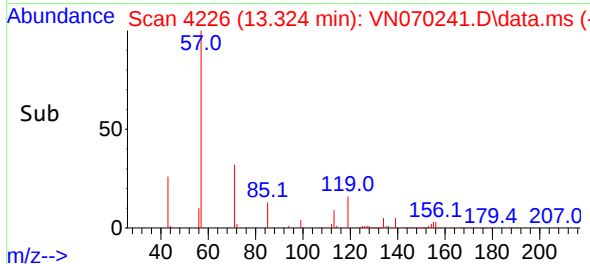
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5



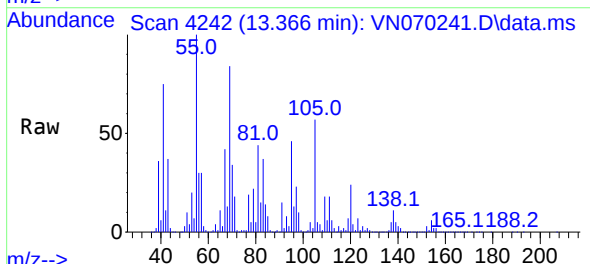
Tgt Ion:119 Resp: 140429
Ion Ratio Lower Upper
119 100
91 67.7 31.5 94.5
134 23.0 12.4 37.4

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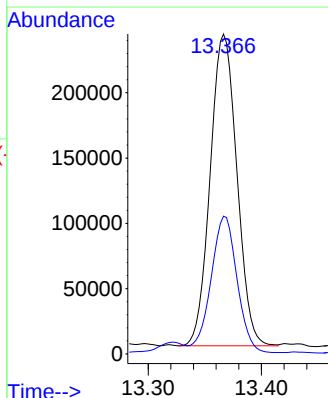
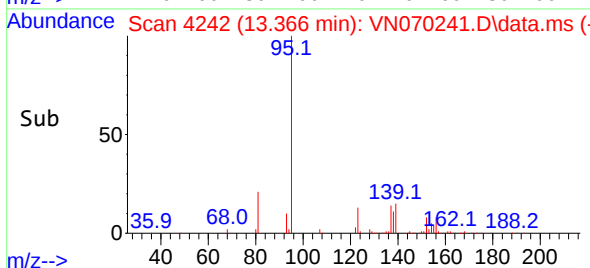
Reviewed By :John Carlone 12/21/2021
Supervised By :Mahesh Dadoda 12/23/2021

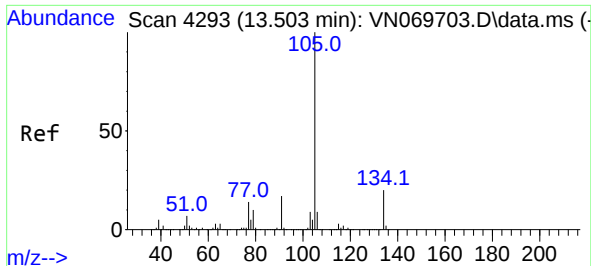


#84
1,2,4-Trimethylbenzene
Concen: 3.72 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



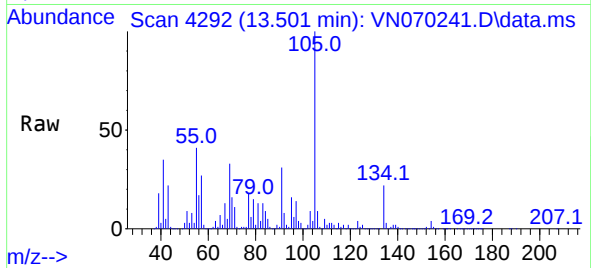
Tgt Ion:105 Resp: 390261
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 11.97 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28

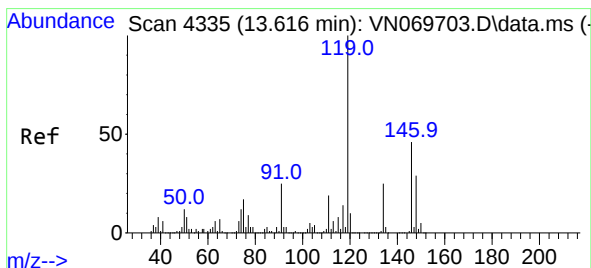
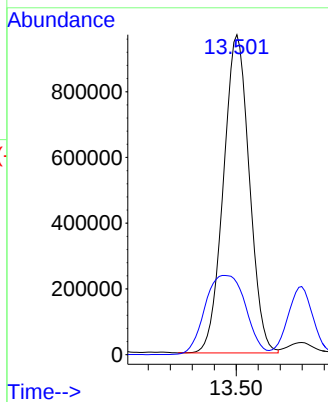
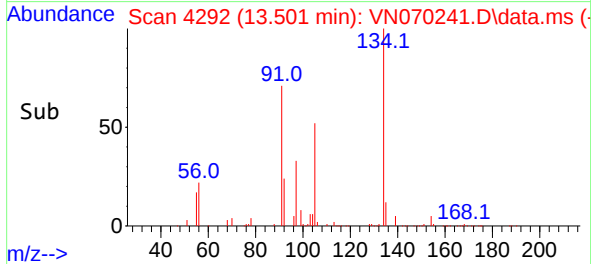
Instrument :
 MSVOA_N
 ClientSampleId :
 DA-7-4.5



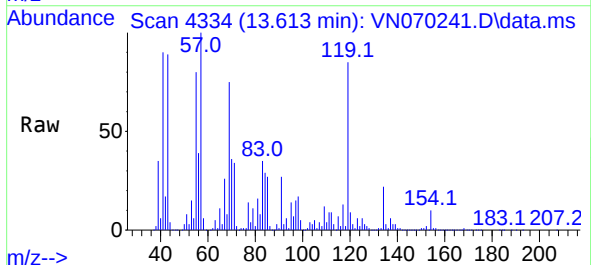
Tgt Ion:105 Resp: 1582628
 Ion Ratio Lower Upper
 105 100
 134 39.0 10.4 31.1

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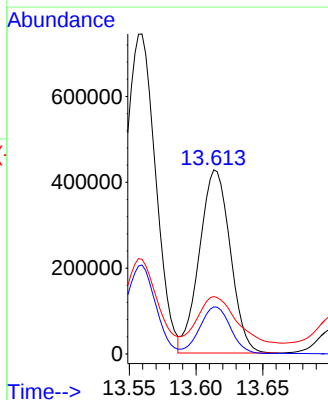
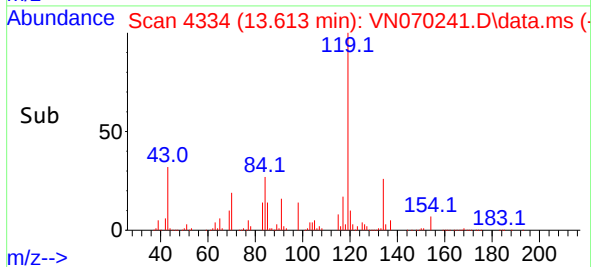
Reviewed By :John Carlone 12/21/2021
 Supervised By :Mahesh Dadoda 12/23/2021

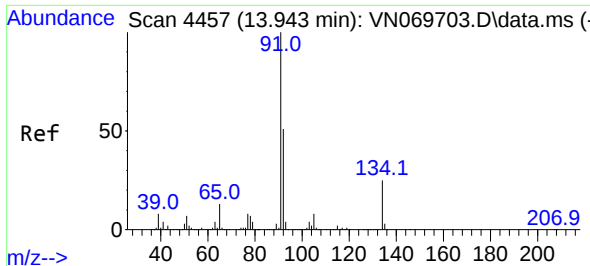


#86
 p-Isopropyltoluene
 Concen: 6.64 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.003 min
 Lab File: VN070241.D
 Acq: 20 Dec 2021 15:28



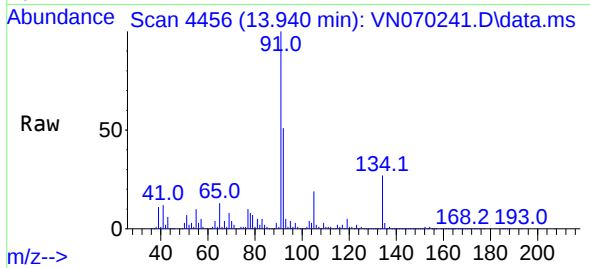
Tgt Ion:119 Resp: 686782
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.6 40.7
 91 30.7 11.4 34.1





#89
n-Butylbenzene
Concen: 50.52 ug/l
RT: 13.940 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28

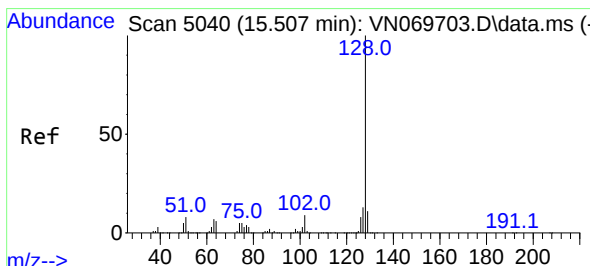
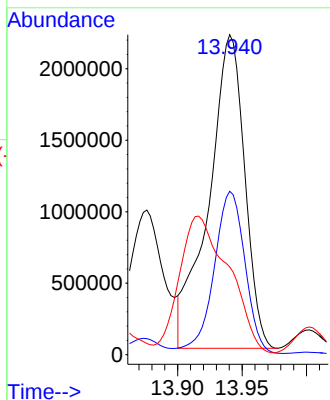
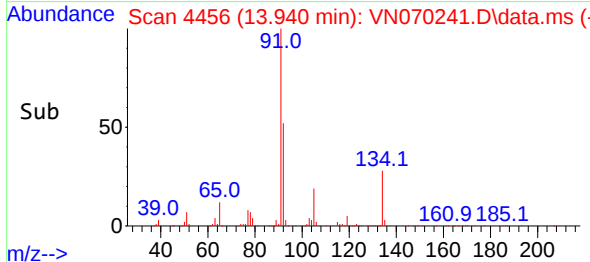
Instrument :
MSVOA_N
ClientSampleId :
DA-7-4.5



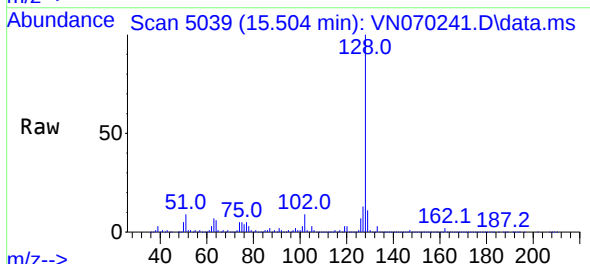
Tgt Ion: 91 Resp: 4236780
Ion Ratio Lower Upper
91 100
92 44.9 25.4 76.0
134 0.0 13.6 40.8

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



#95
Naphthalene
Concen: 85.66 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070241.D
Acq: 20 Dec 2021 15:28



Tgt Ion:128 Resp: 6668681
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.8 8.7 13.1

