

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070014.D
 Acq On : 11 Dec 2021 17:44
 Operator : JC/MD
 Sample : M4873-05 10X
 Misc : 5.86g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-6-6.5

Manual Integrations
 APPROVED

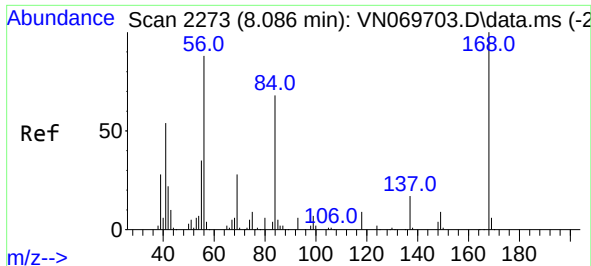
Reviewed By :Mahesh Dadoda 12/31/2021
 Supervised By :Semsettin Yesilyurt 12/31/2021

Quant Time: Dec 12 16:24:02 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)

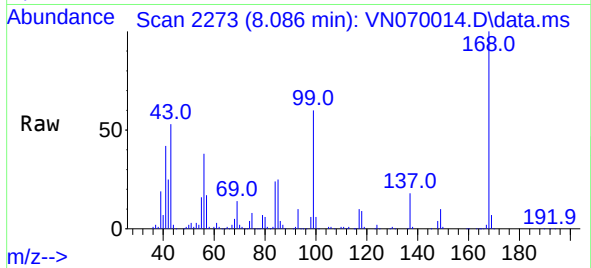
Internal Standards						
1) Pentafluorobenzene	8.086	168	1192294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2212385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2670911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1327430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	901135	48.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.900%		
35) Dibromofluoromethane	8.021	113	666949	48.128	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.260%		
50) Toluene-d8	10.443	98	2989072	53.718	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.440%		
62) 4-Bromofluorobenzene	12.731	95	1432416	71.057	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	142.120%#		
Target Compounds					Qvalue	
31) Cyclohexane	8.150	56	923610m	36.052	ug/l	
39) Methylcyclohexane	9.459	83	886133	35.372	ug/l #	77
40) Benzene	8.461	78	544921	8.465	ug/l	98
52) Toluene	10.505	92	133555	3.398	ug/l	99
67) Ethyl Benzene	11.846	91	3234412	32.861	ug/l	96
68) m/p-Xylenes	11.953	106	2067185	57.682	ug/l	92
69) o-Xylene	12.283	106	161292	4.468	ug/l	87
73) Isopropylbenzene	12.581	105	443756	3.757	ug/l	100
78) n-propylbenzene	12.921	91	2099027	15.971	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	2305325	24.251	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	7564704	83.559	ug/l	98
86) p-Isopropyltoluene	13.616	119	126664	1.419	ug/l	96
89) n-Butylbenzene	13.943	91	332558	4.594	ug/l #	65
95) Naphthalene	15.507	128	1071198	19.182	ug/l	99

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070014.D
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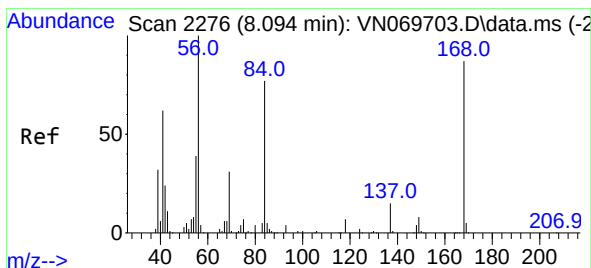
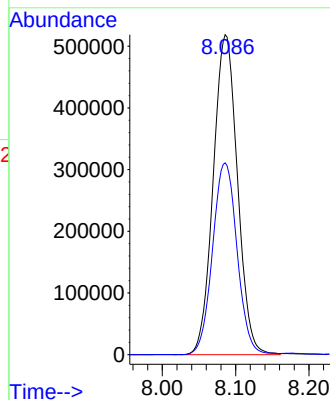
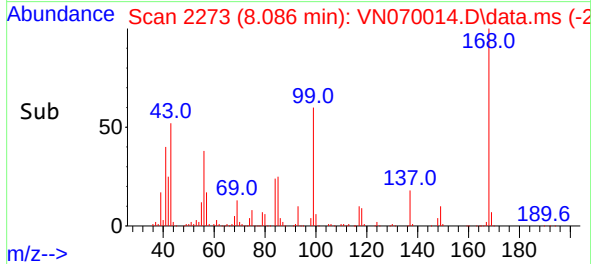
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



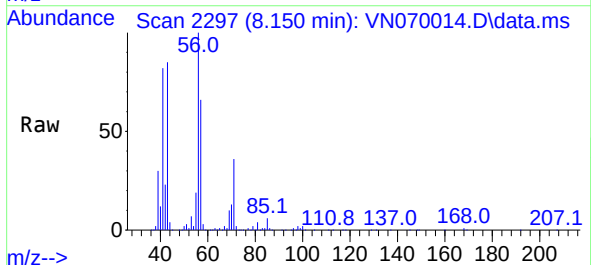
Tgt Ion:168 Resp: 1192294
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

Manual Integrations
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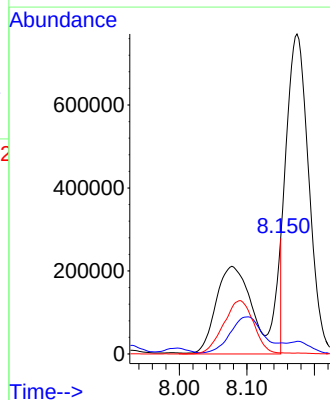
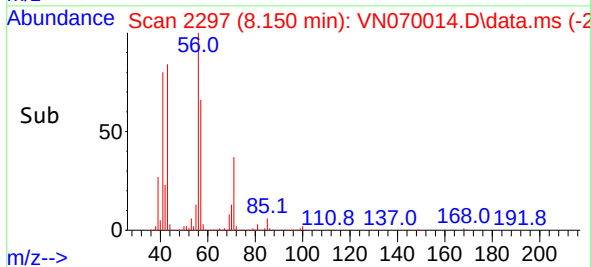
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021

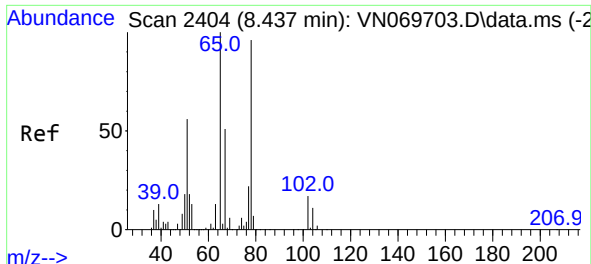


#31
Cyclohexane
Concen: 36.052 ug/l m
RT: 8.150 min Scan# 2297
Delta R.T. 0.056 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



Tgt Ion: 56 Resp: 923610
Ion Ratio Lower Upper
56 100
69 9.6 27.1 40.7#
84 0.9 73.4 110.0#





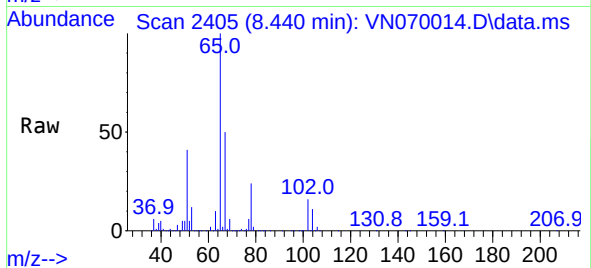
#33
1,2-Dichloroethane-d4
Concen: 48.951 ug/l
RT: 8.440 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :

MSVOA_N

ClientSampleId :

A2-6-6.5

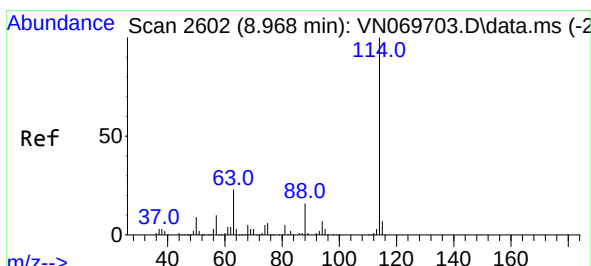
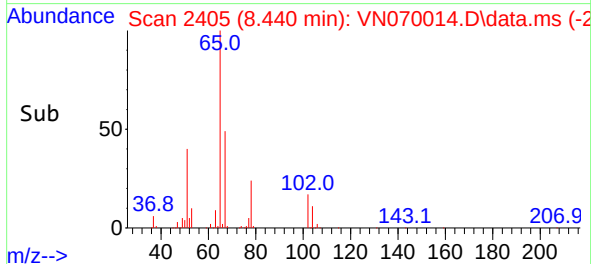
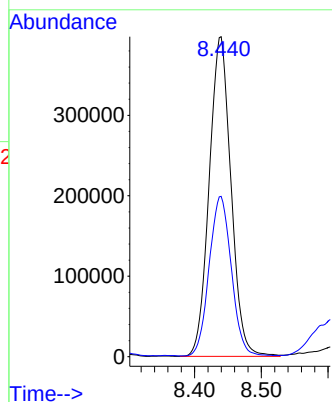


Tgt Ion: 65 Resp: 901135
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.0

Manual Integrations

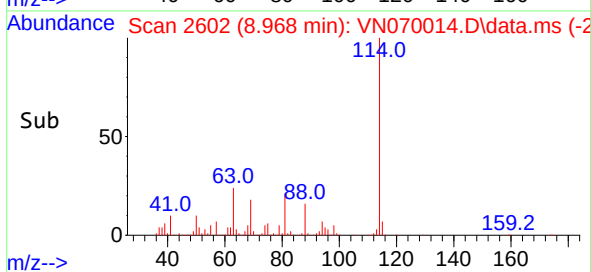
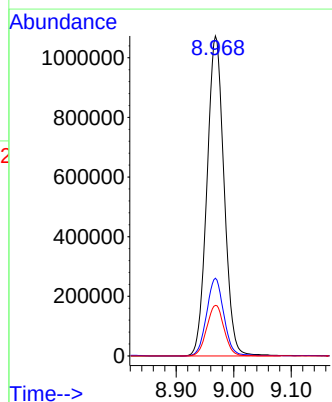
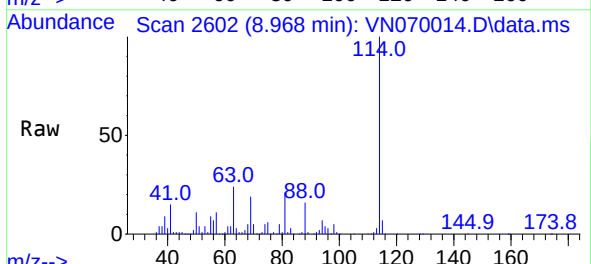
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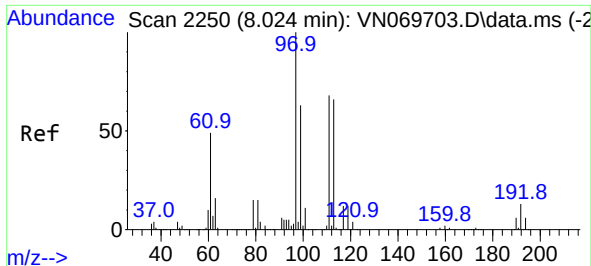
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

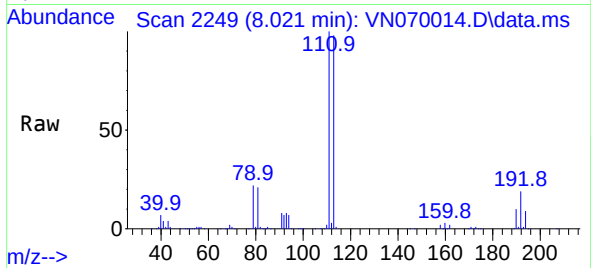
Tgt Ion:114 Resp: 2212385
Ion Ratio Lower Upper
114 100
63 24.3 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.128 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

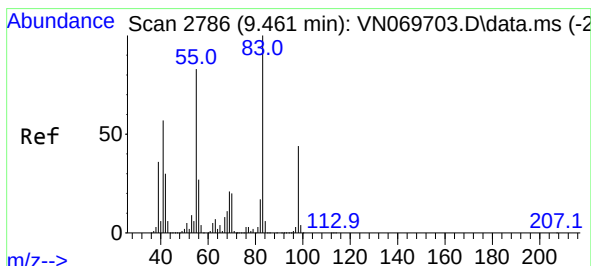
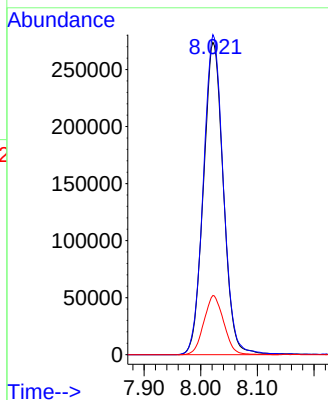
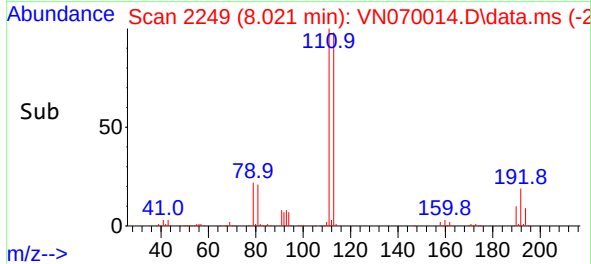
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



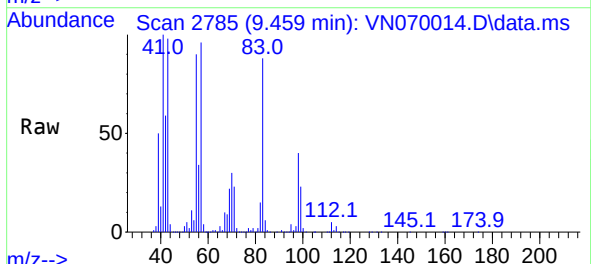
Tgt Ion:113 Resp: 666949
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 18.9 16.9 25.3

Manual Integrations
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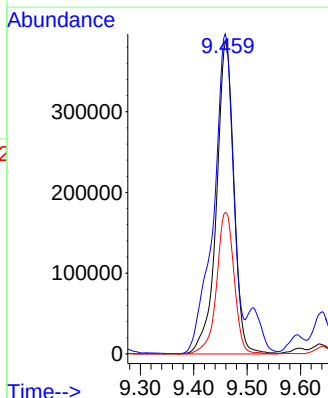
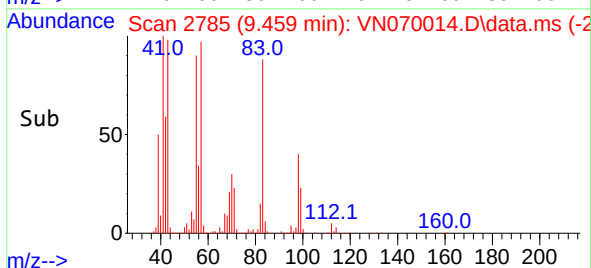
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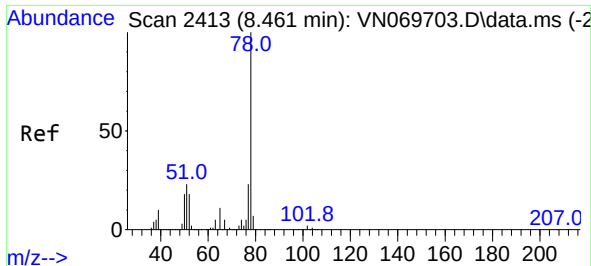


#39
Methylcyclohexane
Concen: 35.372 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



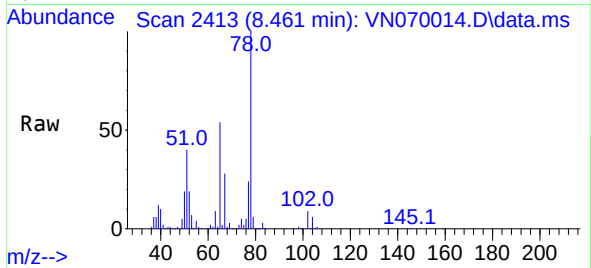
Tgt Ion: 83 Resp: 886133
Ion Ratio Lower Upper
83 100
55 102.5 58.1 87.1#
98 45.4 38.4 57.6





#40
Benzene
Concen: 8.465 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

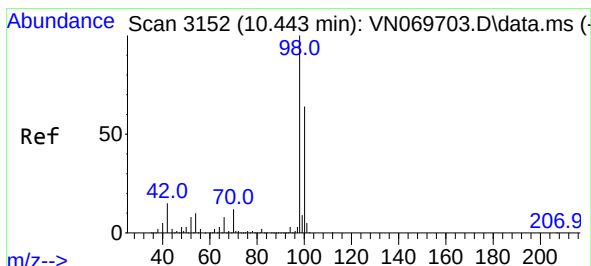
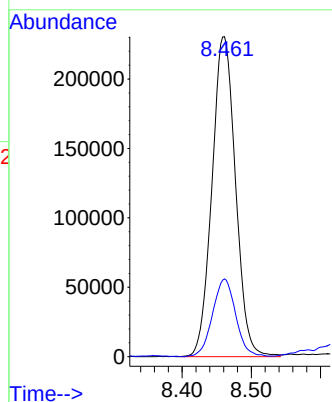
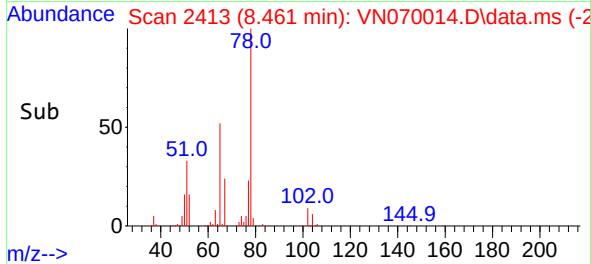
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



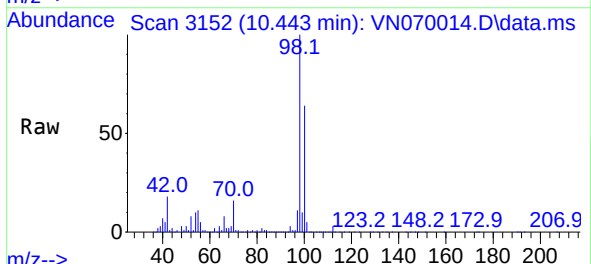
Tgt Ion: 78 Resp: 54492
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

Manual Integrations
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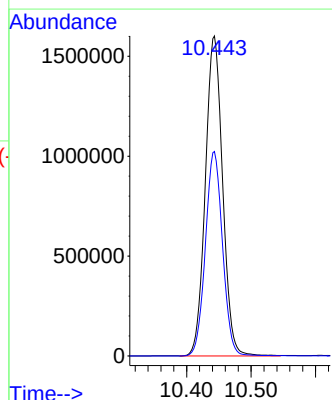
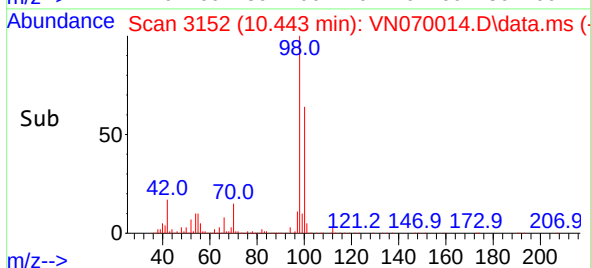
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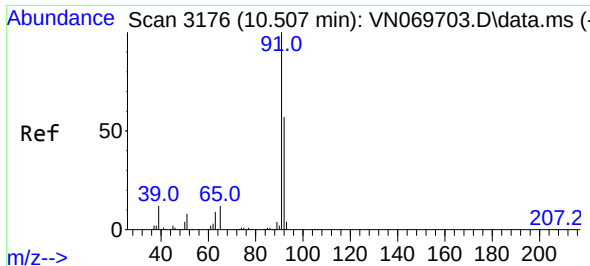


#50
Toluene-d8
Concen: 53.718 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



Tgt Ion: 98 Resp: 2989072
Ion Ratio Lower Upper
98 100
100 63.4 50.4 75.6





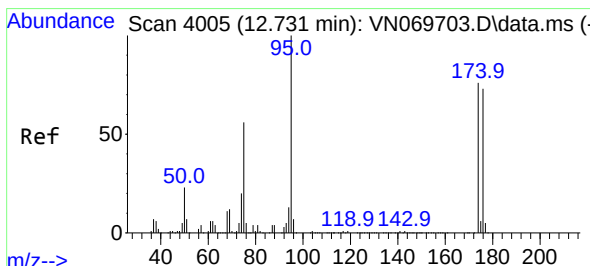
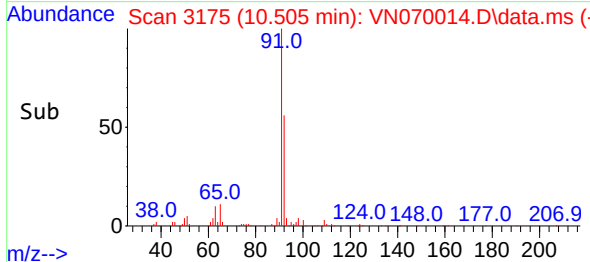
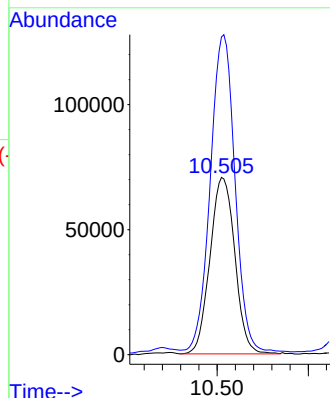
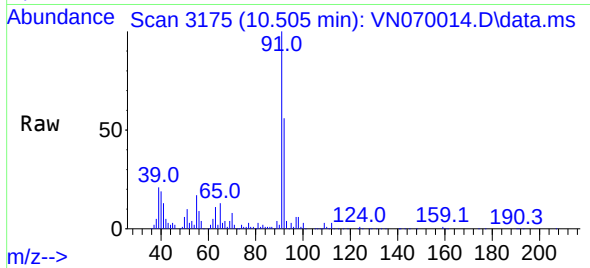
#52
Toluene
Concen: 3.398 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 92 Resp: 13355
Ion Ratio Lower Upper
92 100
91 178.4 142.0 213.0

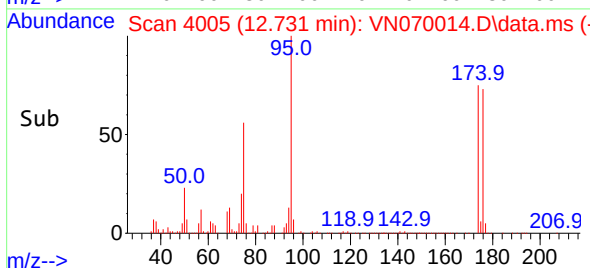
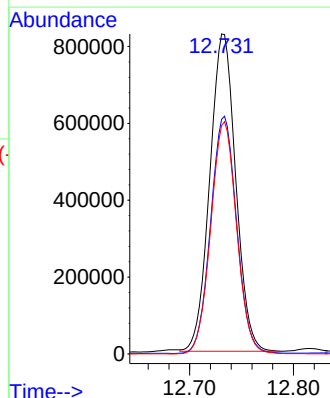
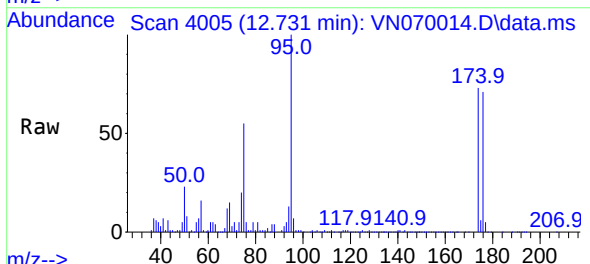
Manual Integrations
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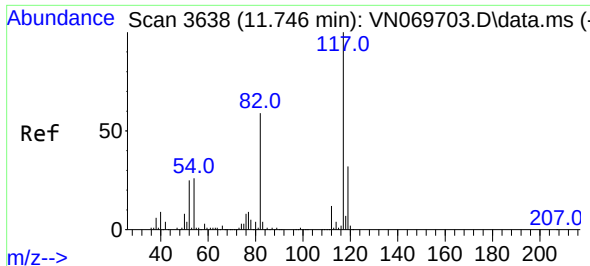
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#62
4-Bromofluorobenzene
Concen: 71.057 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

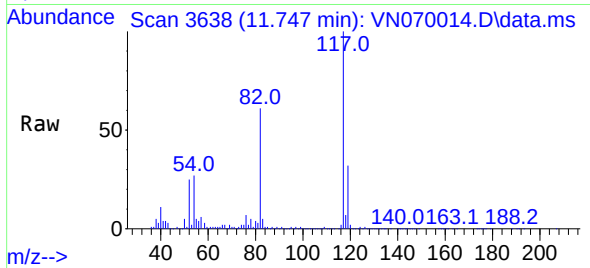
Tgt Ion: 95 Resp: 1432416
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

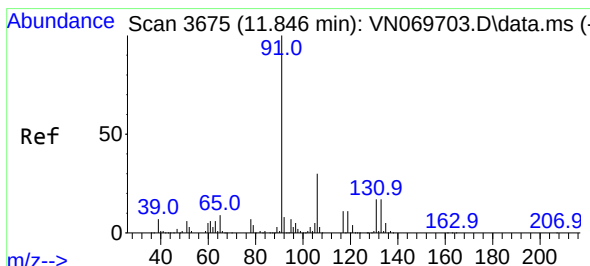
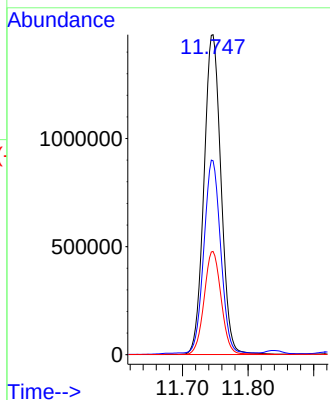
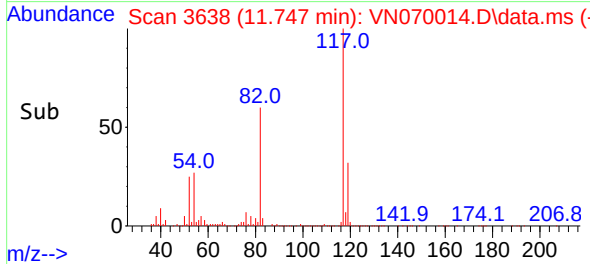
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A2-6-6.5



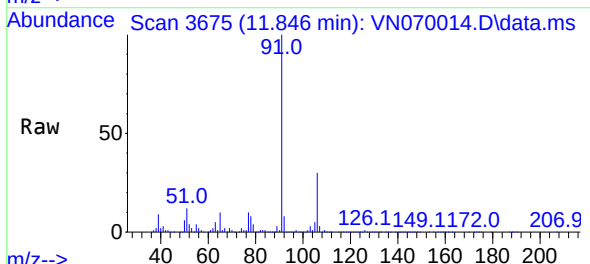
Tgt Ion: 117 Resp: 267091
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.2 25.4 38.2

Manual Integrations
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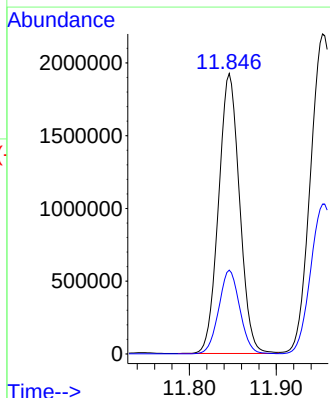
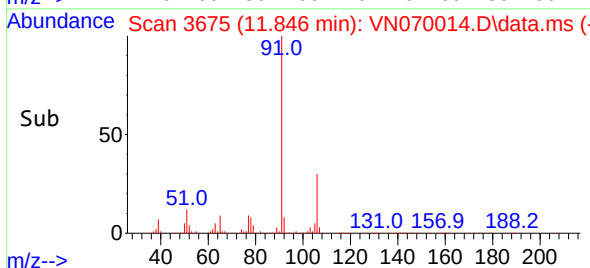
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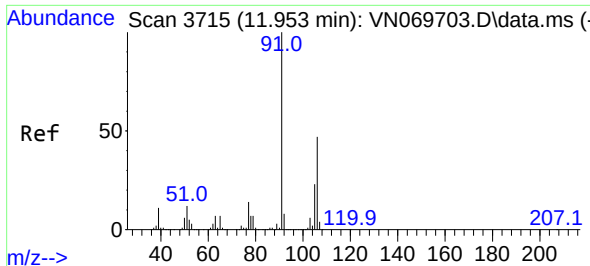


#67
Ethyl Benzene
Concen: 32.861 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



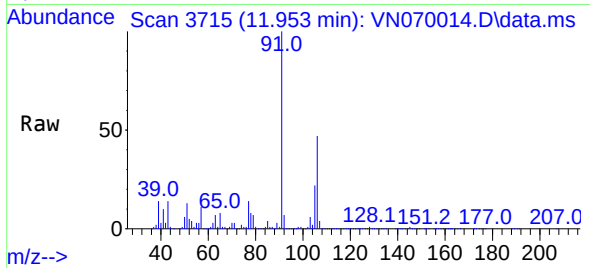
Tgt Ion: 91 Resp: 3234412
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





#68
m/p-Xylenes
Concen: 57.682 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

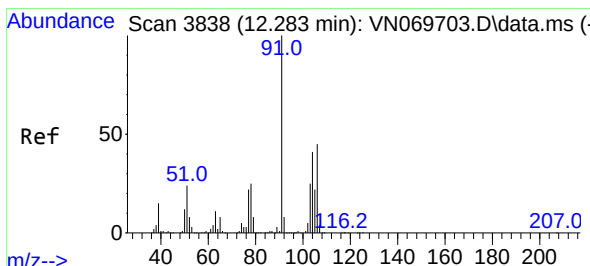
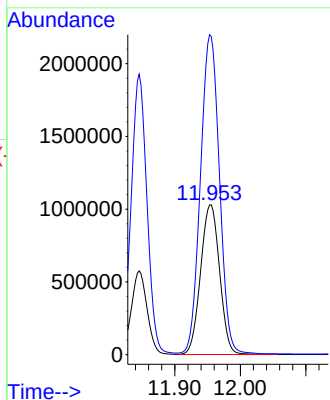
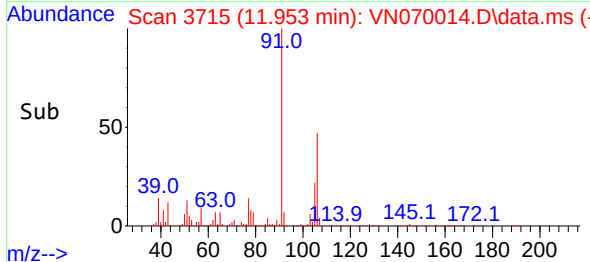
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MSVOA_N
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A2-6-6.5



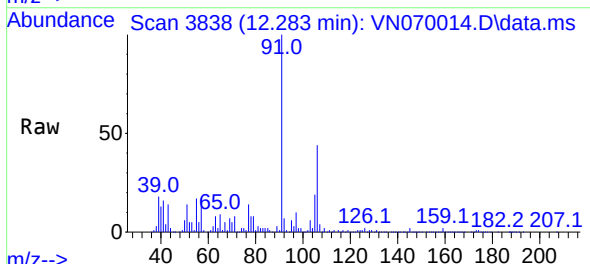
Tgt Ion:106 Resp: 206718
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8

Manual Integrations
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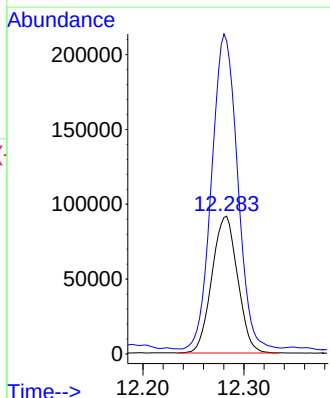
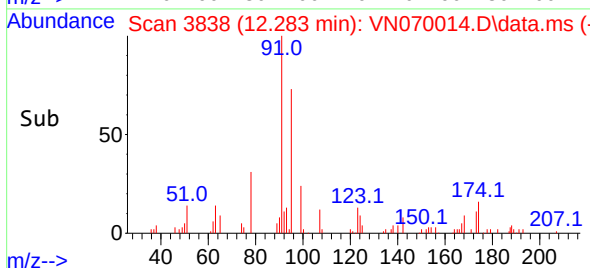
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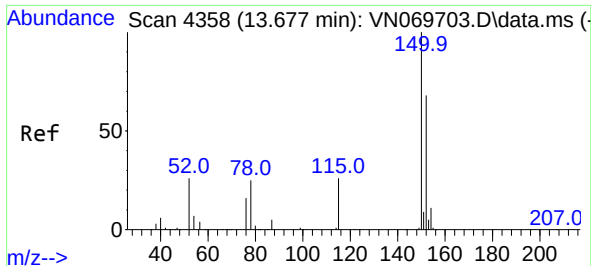


#69
o-Xylene
Concen: 4.468 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



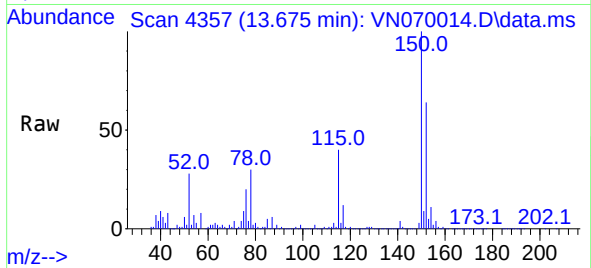
Tgt Ion:106 Resp: 161292
Ion Ratio Lower Upper
106 100
91 231.5 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4358
Delta R.T. -0.003 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

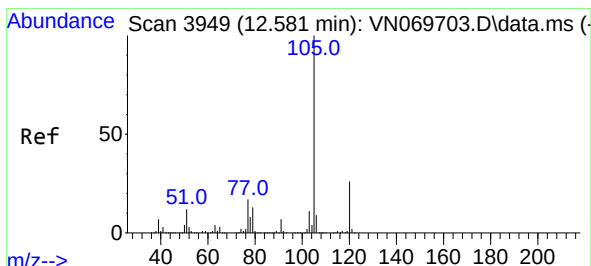
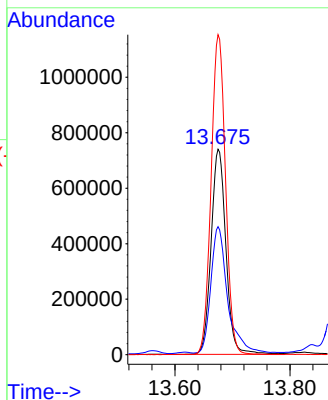
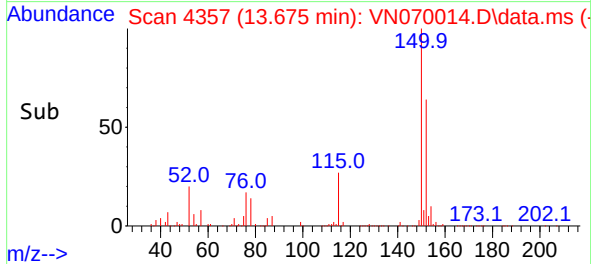
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



Tgt Ion:152 Resp: 1327430
Ion Ratio Lower Upper
152 100
115 69.1 27.5 82.5
150 151.0 0.0 344.4

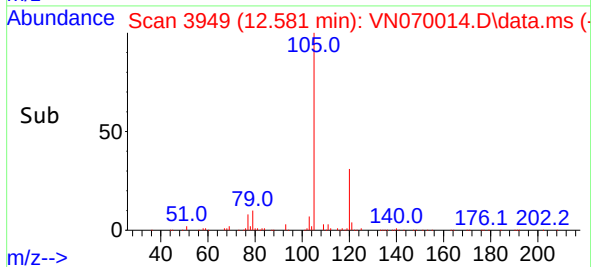
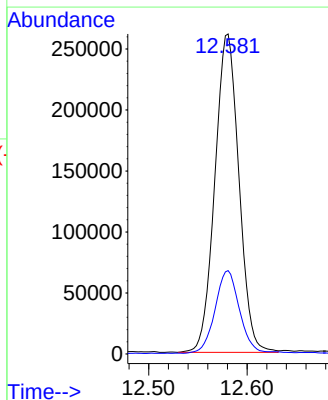
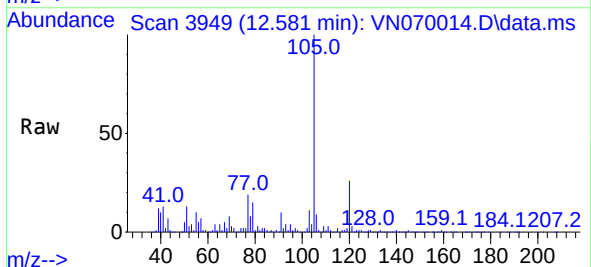
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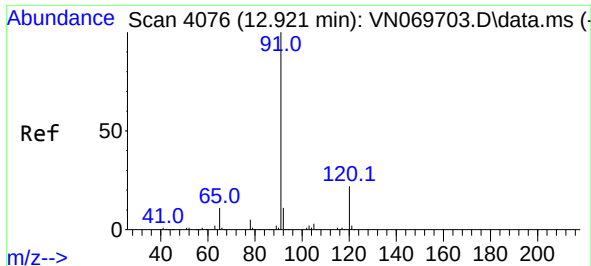
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#73
Isopropylbenzene
Concen: 3.757 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Tgt Ion:105 Resp: 443756
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1





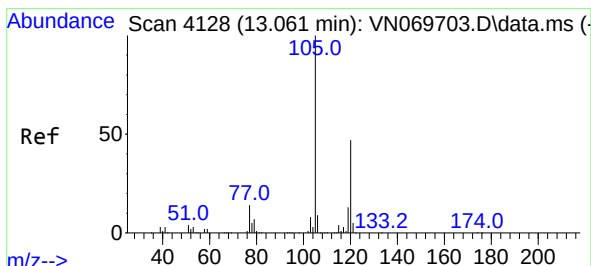
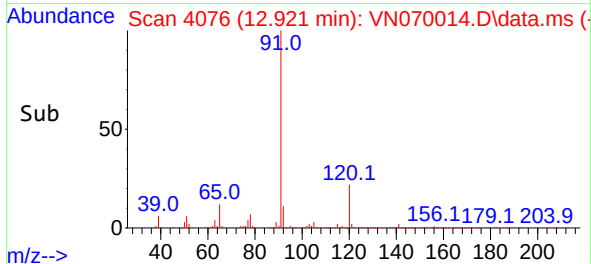
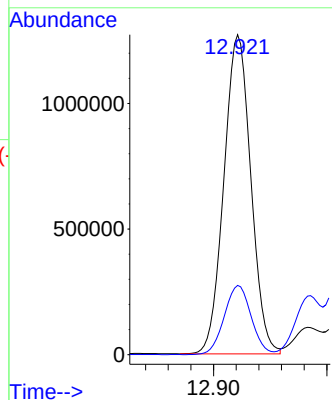
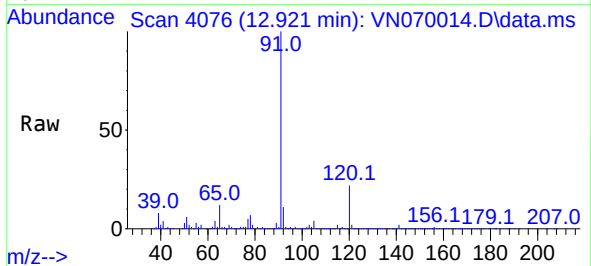
#78
n-propylbenzene
Concen: 15.971 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5

Tgt Ion: 91 Resp: 209902
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9

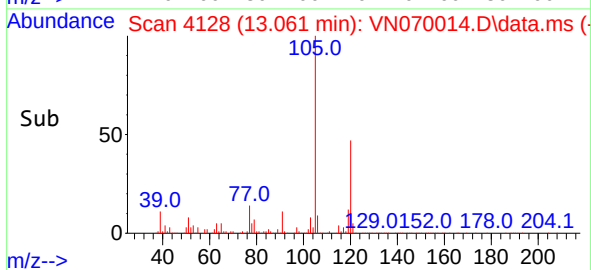
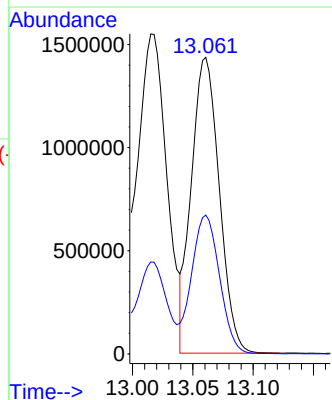
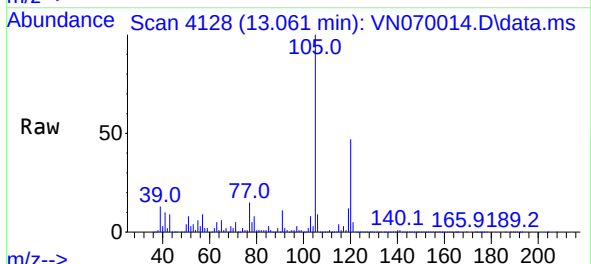
Manual Integrations
APPROVED

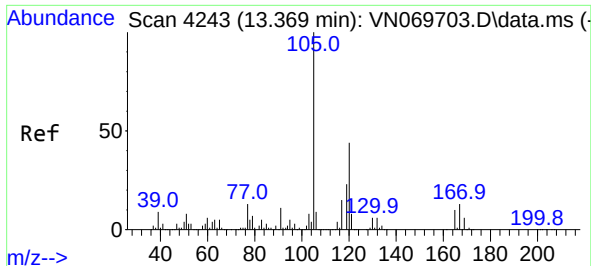
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#80
1,3,5-Trimethylbenzene
Concen: 24.251 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

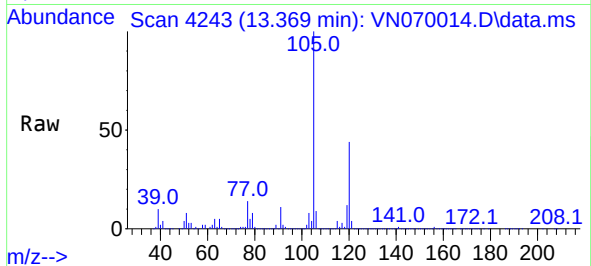
Tgt Ion:105 Resp: 2305325
Ion Ratio Lower Upper
105 100
120 47.7 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 83.559 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

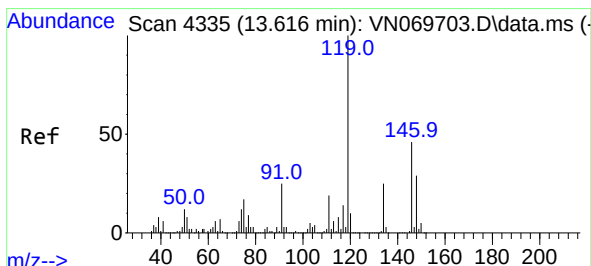
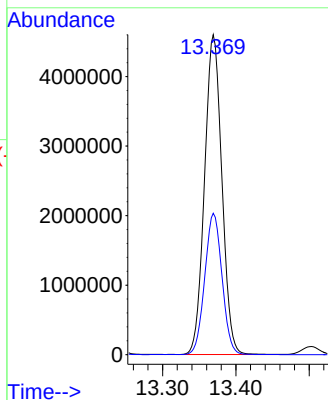
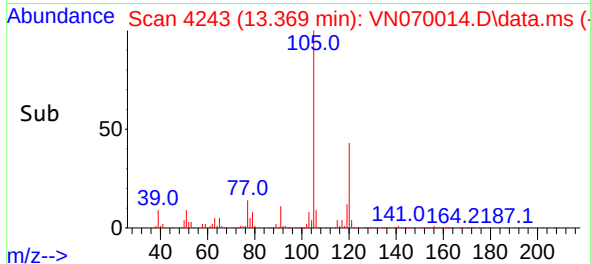
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



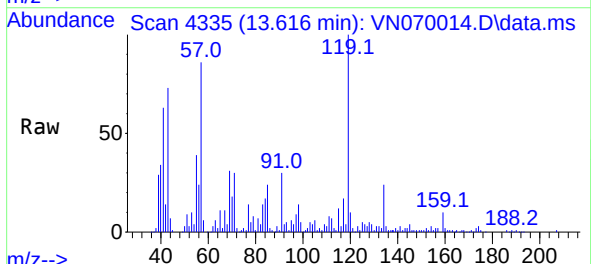
Tgt Ion:105 Resp: 7564704
Ion Ratio Lower Upper
105 100
120 44.0 22.8 68.4

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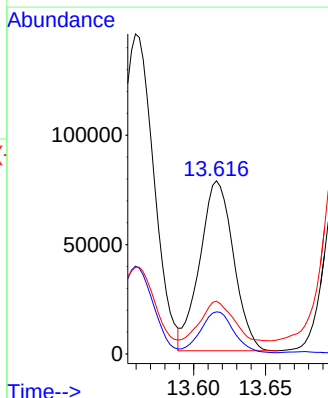
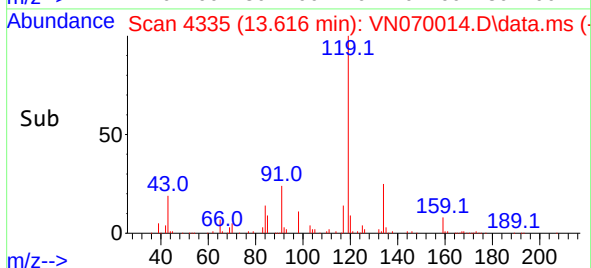
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021

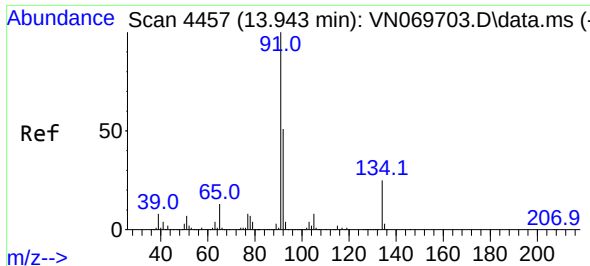


#86
p-Isopropyltoluene
Concen: 1.419 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



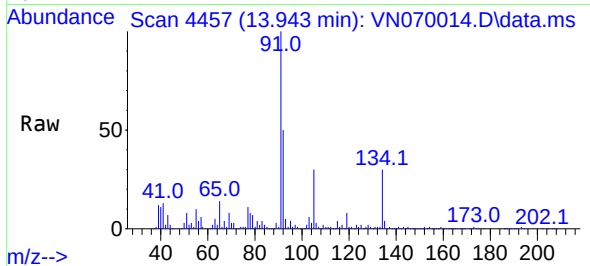
Tgt Ion:119 Resp: 126664
Ion Ratio Lower Upper
119 100
134 23.8 13.6 40.7
91 22.4 11.4 34.1





#89
n-Butylbenzene
Concen: 4.594 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44

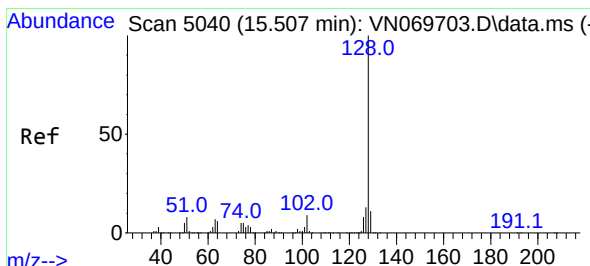
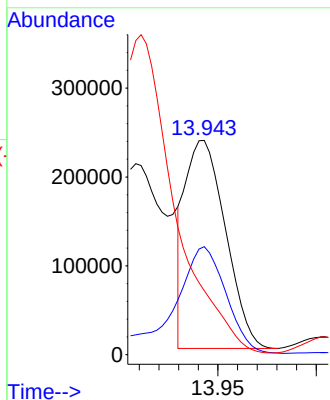
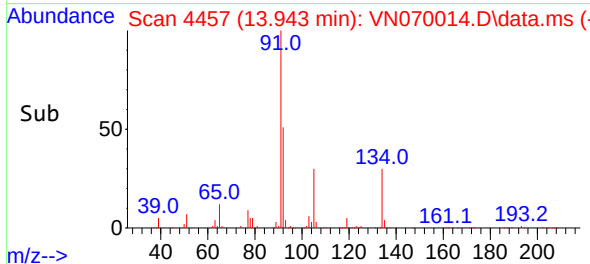
Instrument :
MSVOA_N
ClientSampleId :
A2-6-6.5



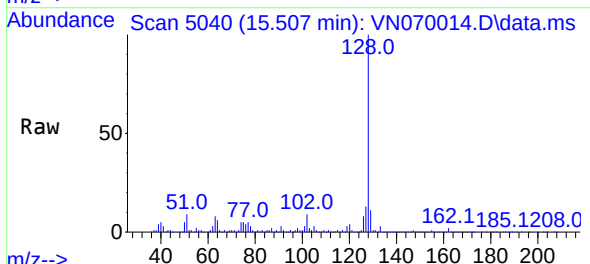
Tgt Ion: 91 Resp: 332558
Ion Ratio Lower Upper
91 100
92 68.0 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#95
Naphthalene
Concen: 19.182 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070014.D
Acq: 11 Dec 2021 17:44



Tgt Ion:128 Resp: 1071198
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1

