

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070015.D
 Acq On : 11 Dec 2021 18:10
 Operator : JC/MD
 Sample : M4873-02 10X
 Misc : 6.27g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A2-3-6.5

Manual Integrations
 APPROVED

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

Quant Time: Dec 12 16:24:37 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	1175729	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2176237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2621599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1201027	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	885356	48.77	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.54%		
35) Dibromofluoromethane	8.024	113	646624	47.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.88%		
50) Toluene-d8	10.443	98	2906604	53.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.20%		
62) 4-Bromofluorobenzene	12.734	95	1387843	69.99	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	139.98%#		
Target Compounds					Qvalue	
31) Cyclohexane	8.083	56	327700m	12.97	ug/l	
39) Methylcyclohexane	9.459	83	322515	13.09	ug/l #	79
40) Benzene	8.461	78	394563	6.23	ug/l	99
52) Toluene	10.505	92	229971	5.95	ug/l	99
67) Ethyl Benzene	11.846	91	1792053	18.55	ug/l	96
68) m/p-Xylenes	11.950	106	2148725	61.09	ug/l	92
69) o-Xylene	12.283	106	660417	18.64	ug/l	91
73) Isopropylbenzene	12.581	105	216125	2.02	ug/l	100
78) n-propylbenzene	12.921	91	996323	8.38	ug/l	95
80) 1,3,5-Trimethylbenzene	13.061	105	1159415	13.48	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	3784227	46.20	ug/l	97
85) sec-Butylbenzene	13.503	105	99235m	0.96	ug/l	
89) n-Butylbenzene	13.943	91	149477	2.28	ug/l #	67
95) Naphthalene	15.507	128	553865m	12.67	ug/l	

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

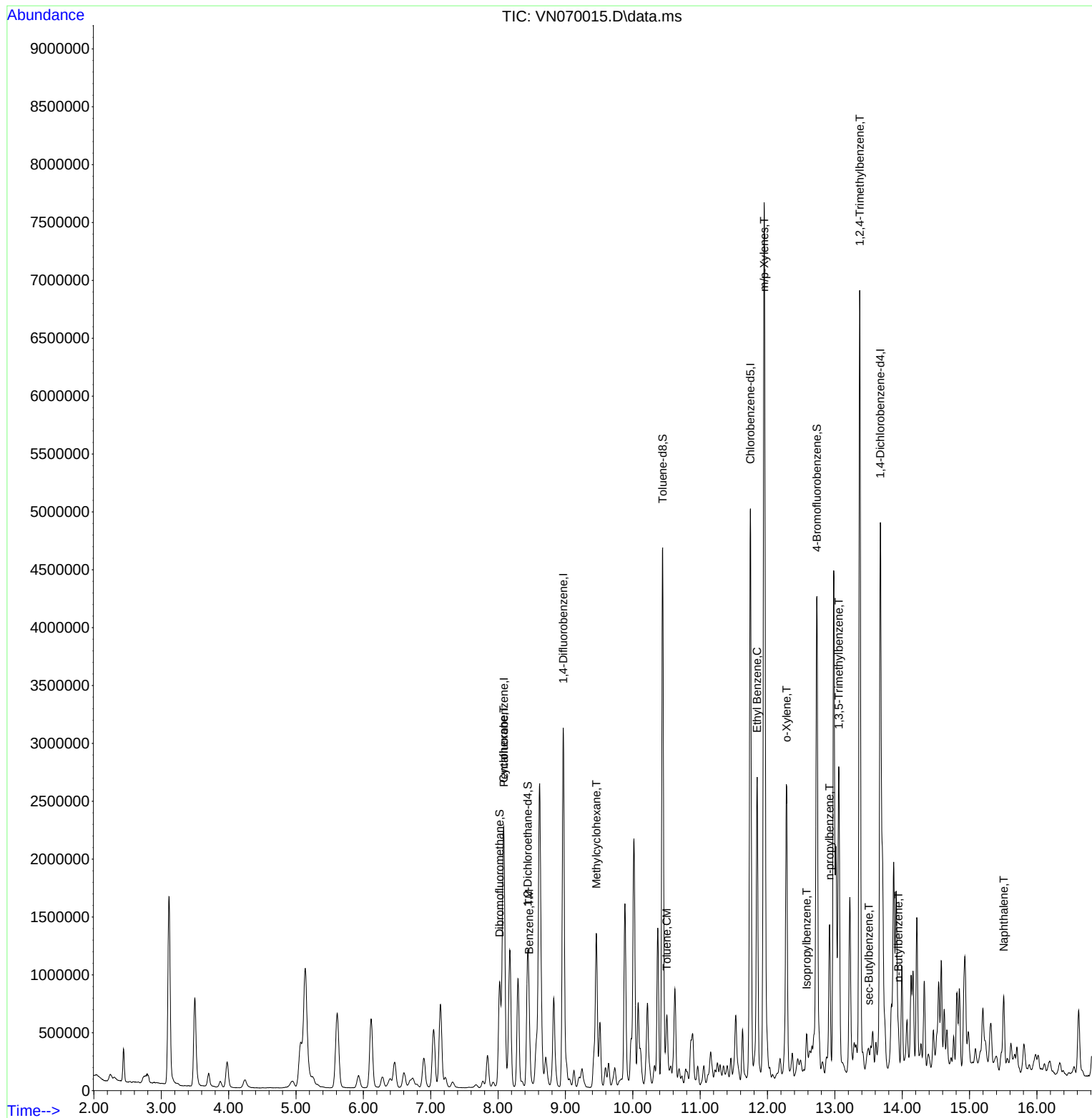
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
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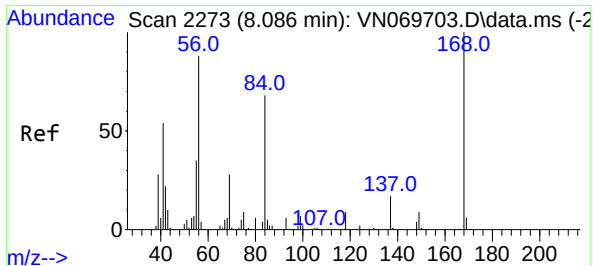
Instrument :
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A2-3-6.5

Quant Time: Dec 12 16:24:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
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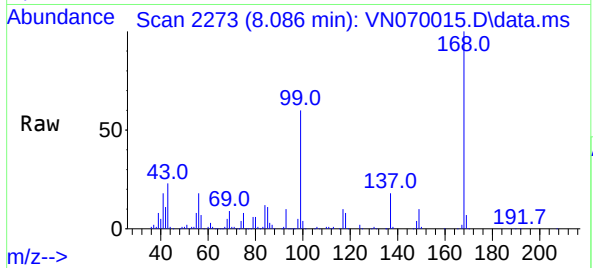
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

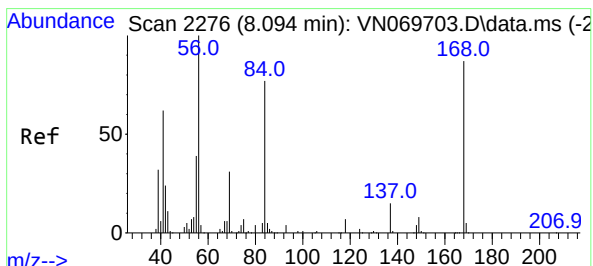
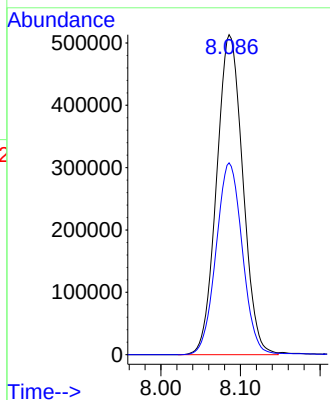
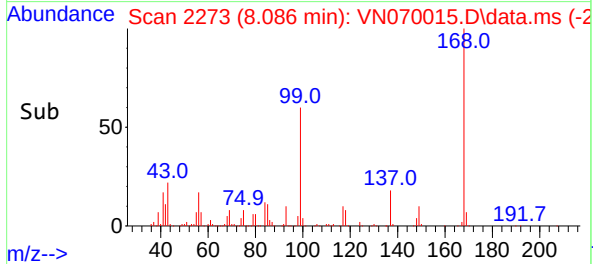
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



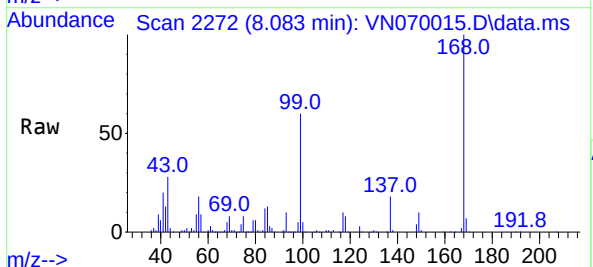
Tgt Ion:168 Resp: 1175729
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9

Manual Integrations
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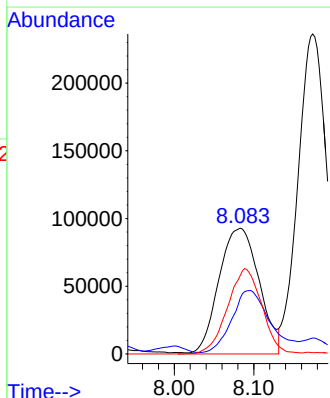
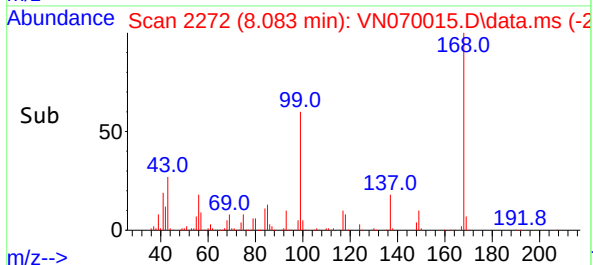
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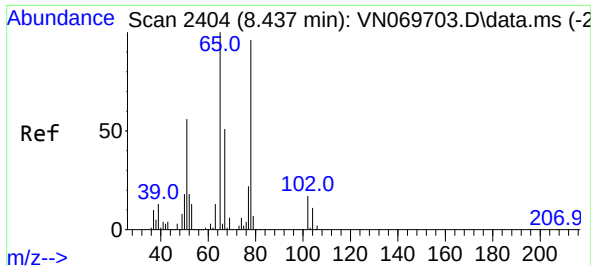


#31
Cyclohexane
Concen: 12.97 ug/l m
RT: 8.083 min Scan# 2272
Delta R.T. -0.011 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



Tgt Ion: 56 Resp: 327700
Ion Ratio Lower Upper
56 100
69 44.4 27.1 40.7#
84 62.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 48.77 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.003 min

Lab File: VN070015.D

Acq: 11 Dec 2021 18:10

Instrument :

MSVOA_N

ClientSampleId :

A2-3-6.5

Tgt Ion: 65 Resp: 885350

Ion Ratio Lower Upper

65 100

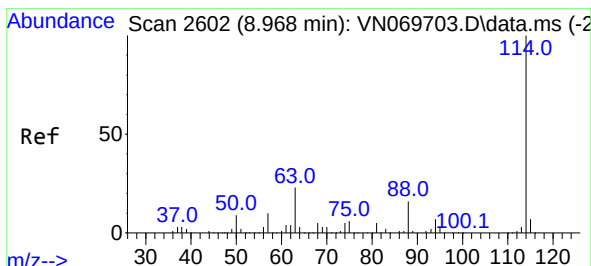
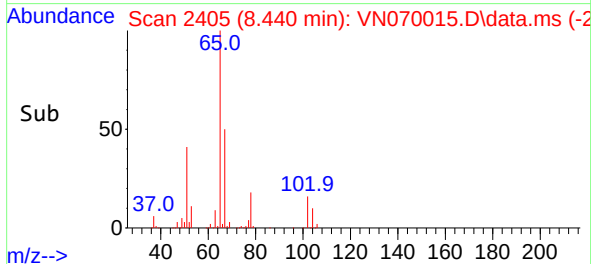
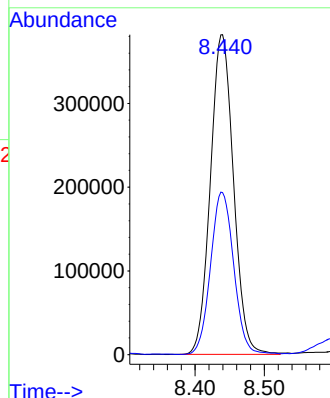
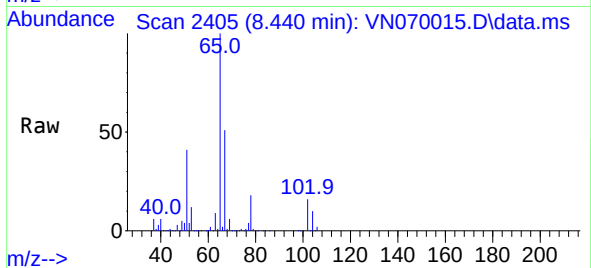
67 50.8 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070015.D

Acq: 11 Dec 2021 18:10

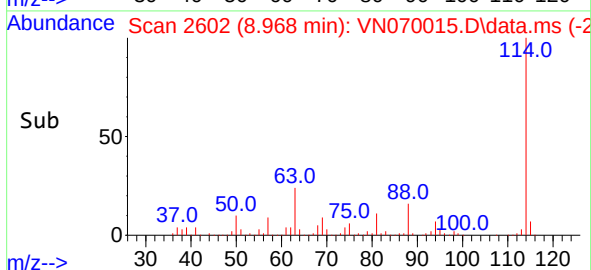
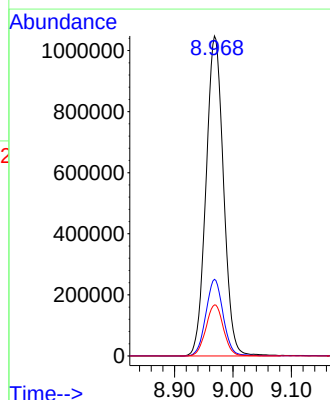
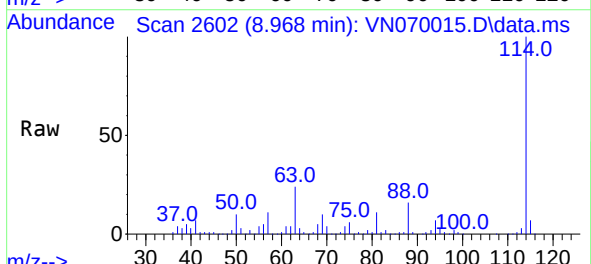
Tgt Ion:114 Resp: 2176237

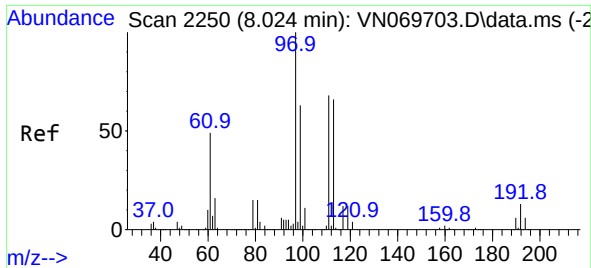
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

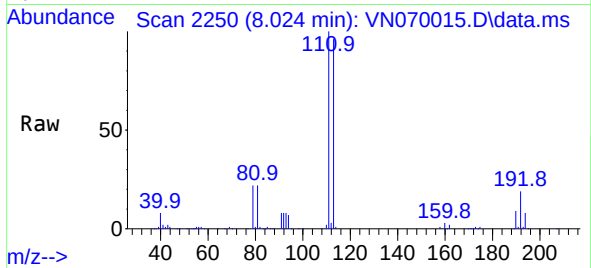
88 15.9 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.44 ug/l
RT: 8.024 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

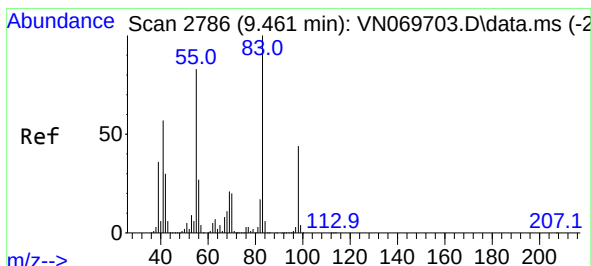
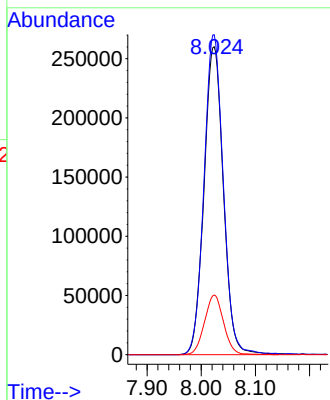
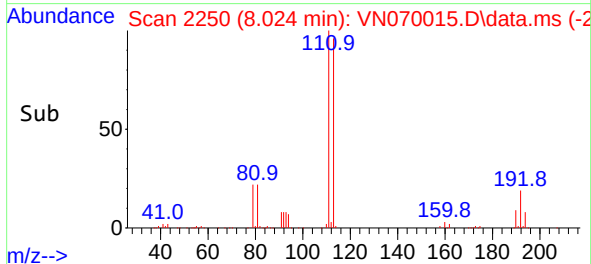
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



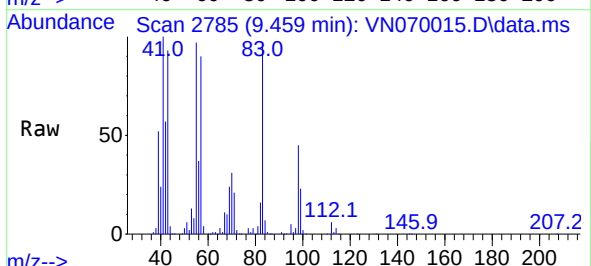
Tgt Ion: 113 Resp: 646624
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 19.0 16.9 25.3

Manual Integrations
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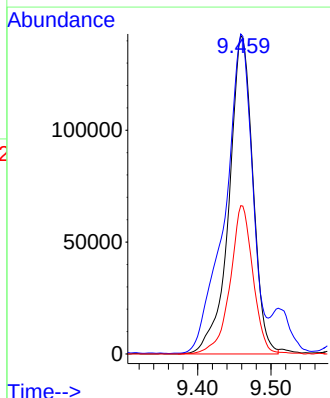
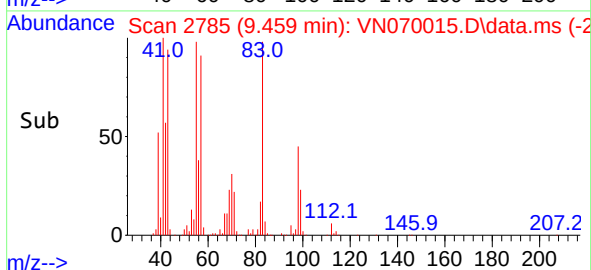
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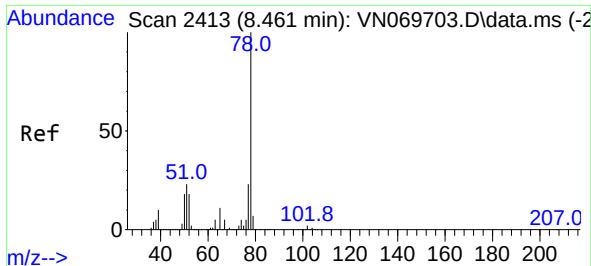


#39
Methylcyclohexane
Concen: 13.09 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



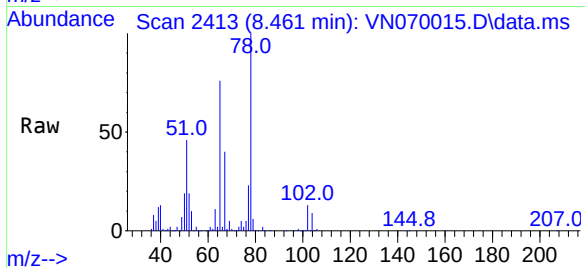
Tgt Ion: 83 Resp: 322515
Ion Ratio Lower Upper
83 100
55 100.3 58.1 87.1#
98 46.6 38.4 57.6





#40
Benzene
Concen: 6.23 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

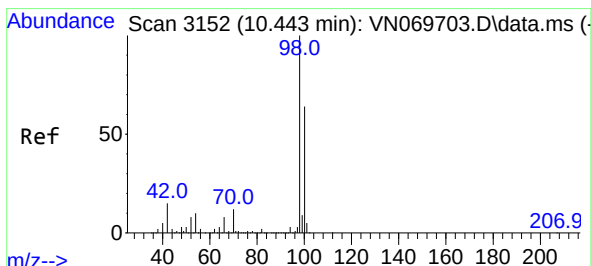
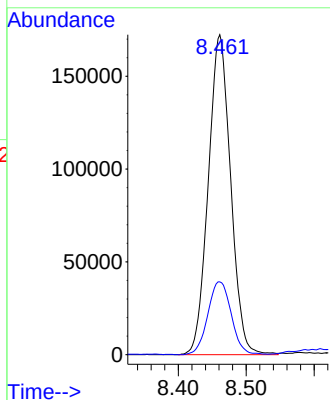
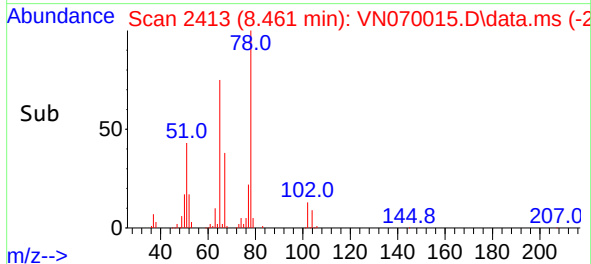
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



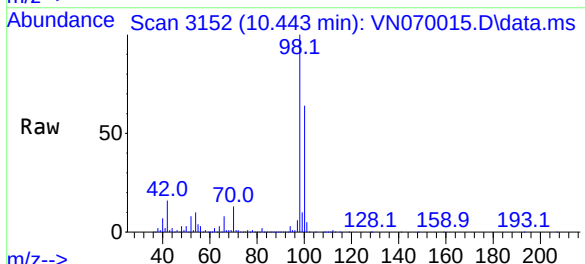
Tgt Ion: 78 Resp: 39456
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8

Manual Integrations
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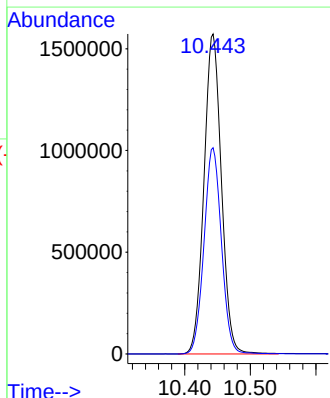
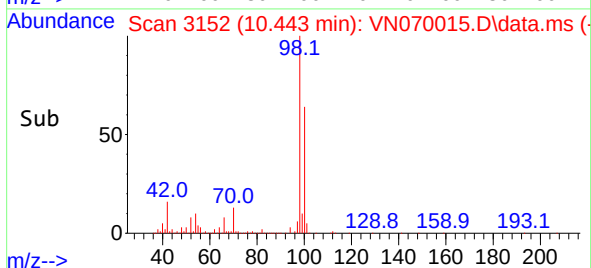
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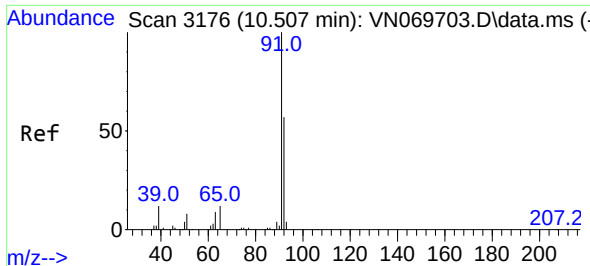


#50
Toluene-d8
Concen: 53.10 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



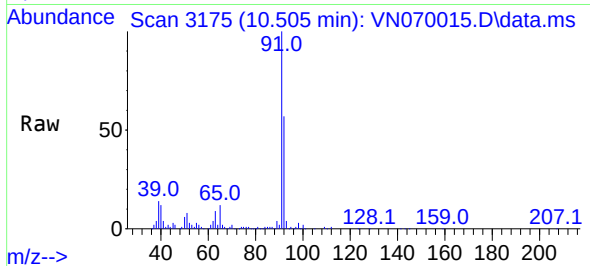
Tgt Ion: 98 Resp: 2906604
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6





#52
Toluene
Concen: 5.95 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

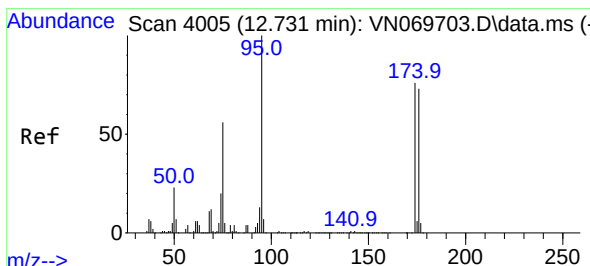
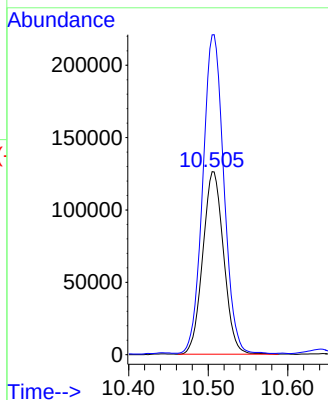
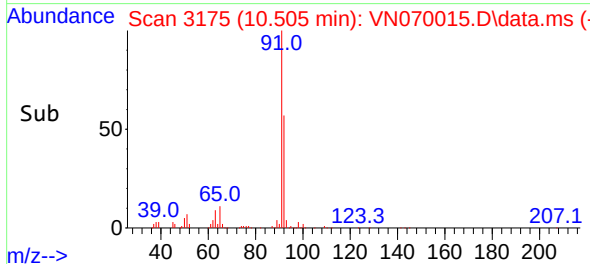
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MSVOA_N
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A2-3-6.5



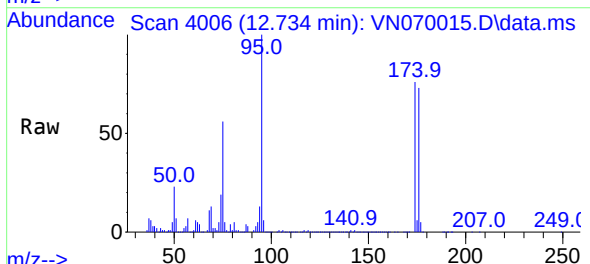
Tgt Ion: 92 Resp: 22997
Ion Ratio Lower Upper
92 100
91 175.9 142.0 213.0

Manual Integrations
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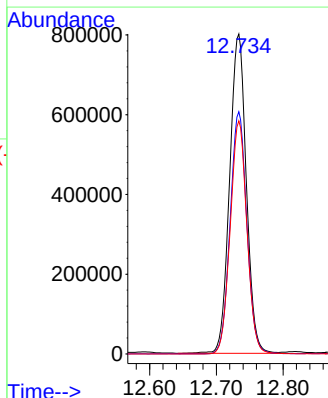
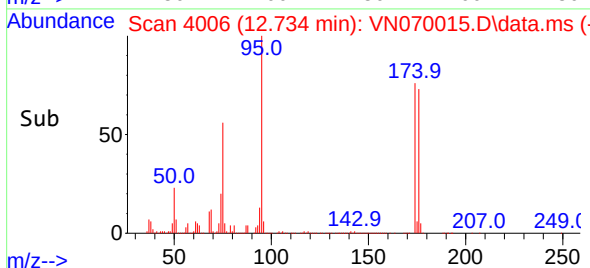
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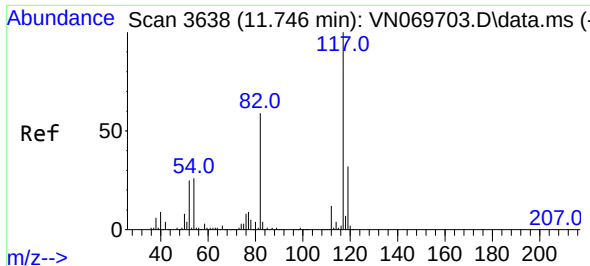


#62
4-Bromofluorobenzene
Concen: 69.99 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



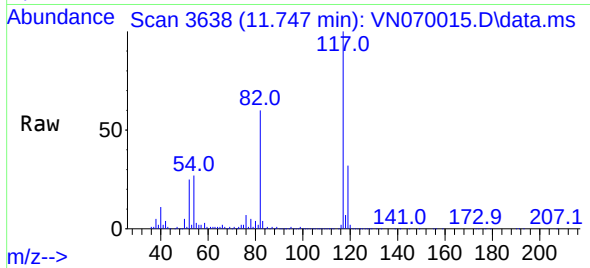
Tgt Ion: 95 Resp: 1387843
Ion Ratio Lower Upper
95 100
174 75.6 0.0 187.2
176 72.9 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

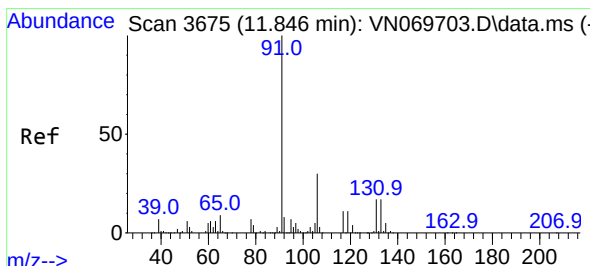
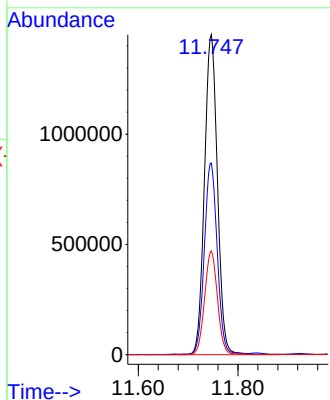
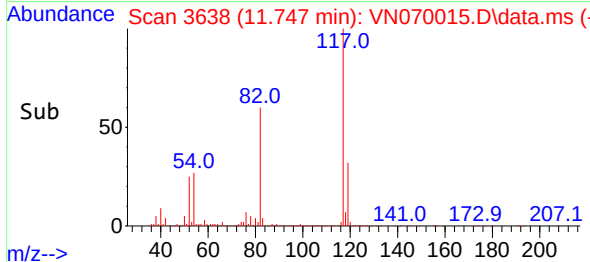
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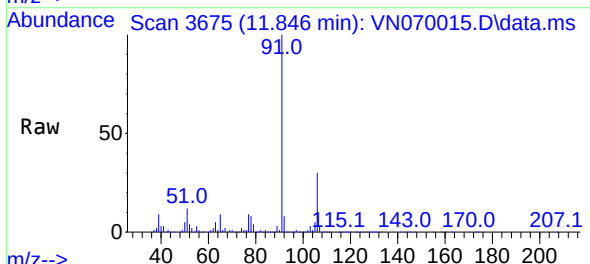
Tgt Ion: 117 Resp: 2621599
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
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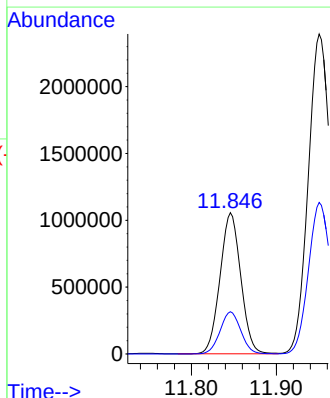
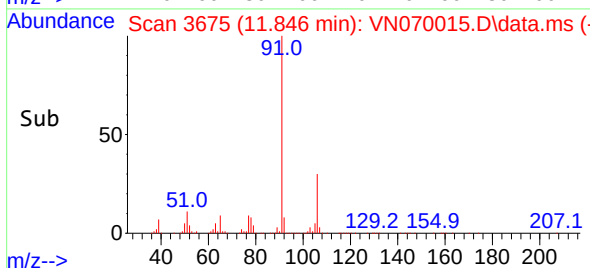
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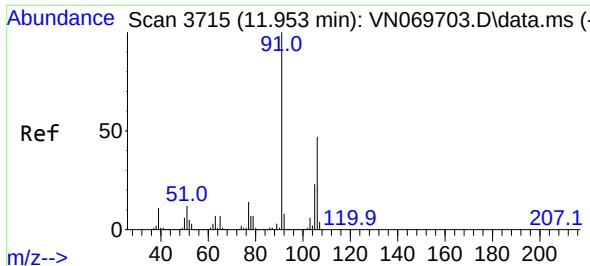


#67
Ethyl Benzene
Concen: 18.55 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



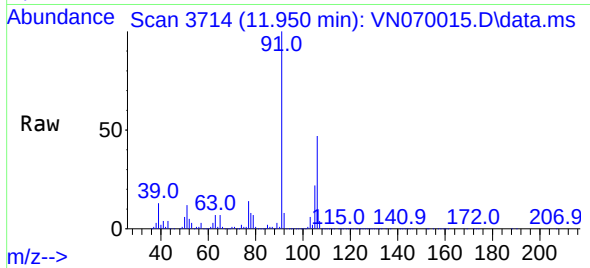
Tgt Ion: 91 Resp: 1792053
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5





#68
m/p-Xylenes
Concen: 61.09 ug/l
RT: 11.950 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

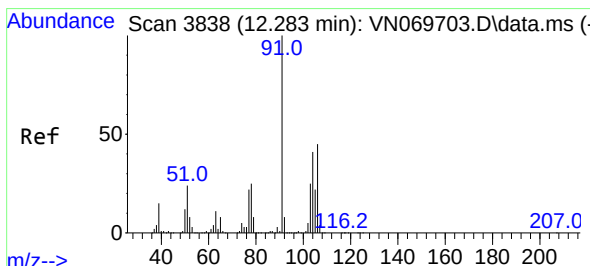
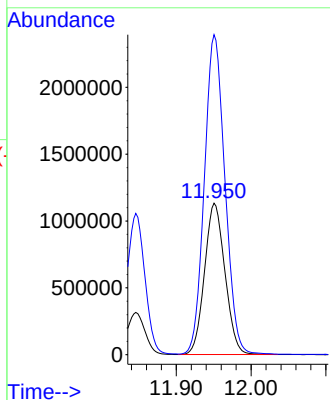
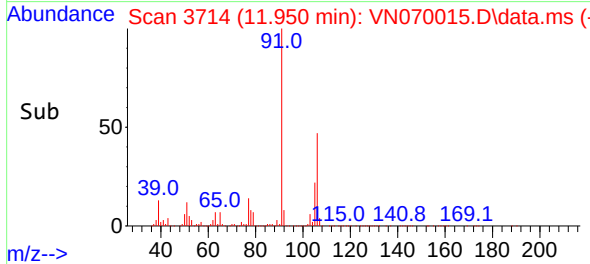
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A2-3-6.5



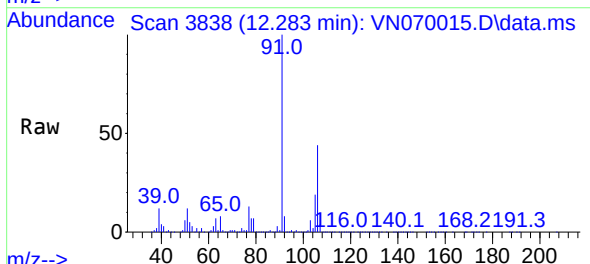
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Ion Ratio Lower Upper
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91 213.1 160.6 240.8

Manual Integrations
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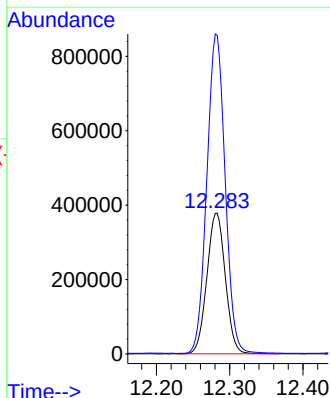
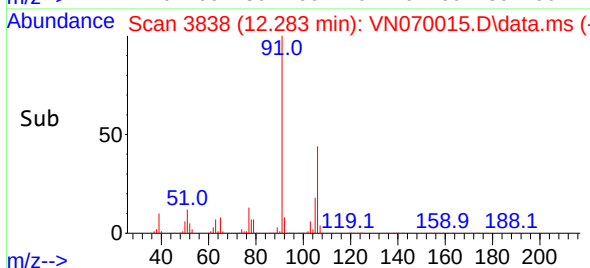
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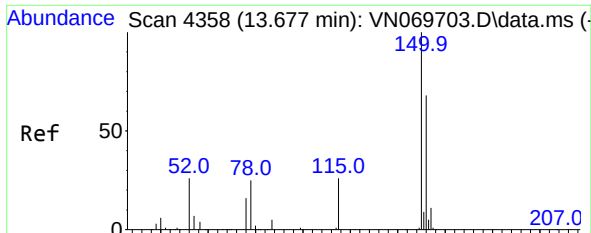


#69
o-Xylene
Concen: 18.64 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



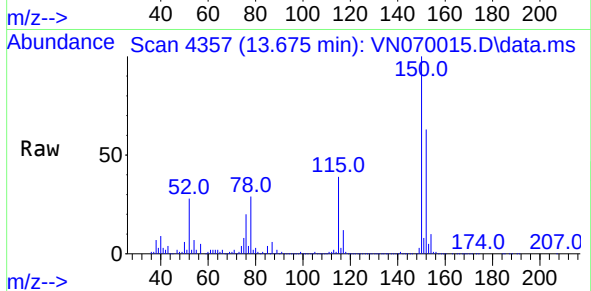
Tgt Ion:106 Resp: 660417
Ion Ratio Lower Upper
106 100
91 225.4 105.8 317.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

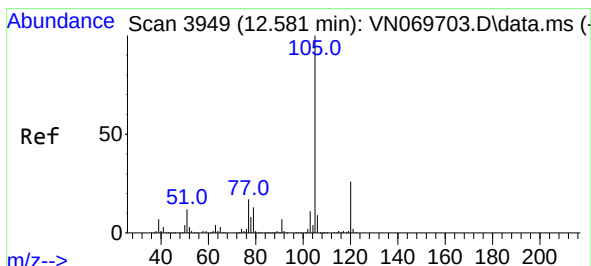
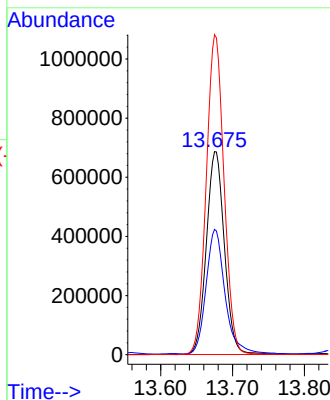
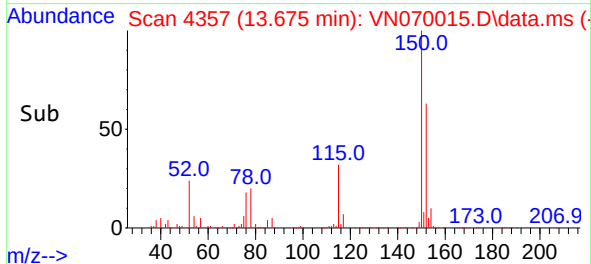
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



Tgt Ion:152 Resp: 120102
Ion Ratio Lower Upper
152 100
115 64.6 27.5 82.5
150 154.9 0.0 344.4

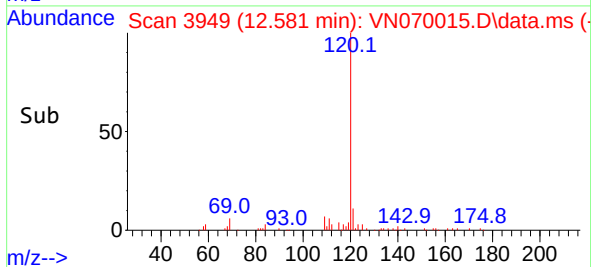
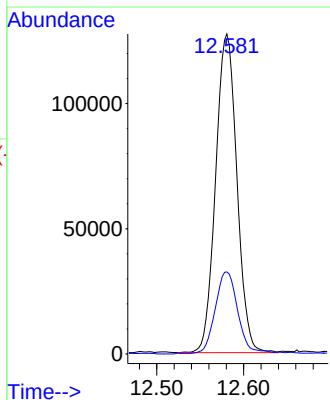
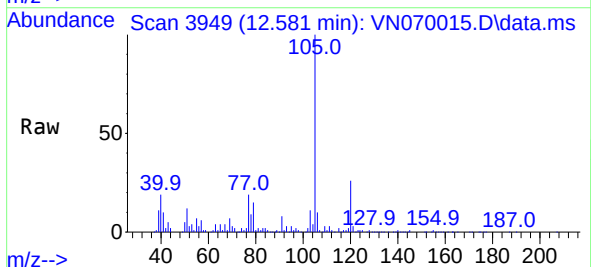
Manual Integrations
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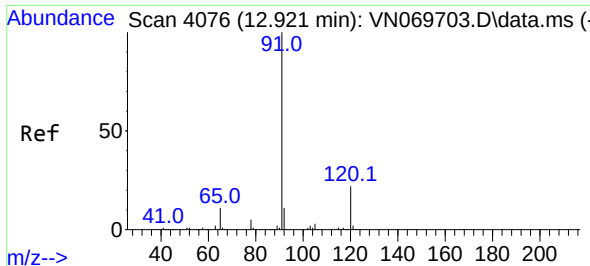
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#73
Isopropylbenzene
Concen: 2.02 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Tgt Ion:105 Resp: 216125
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1





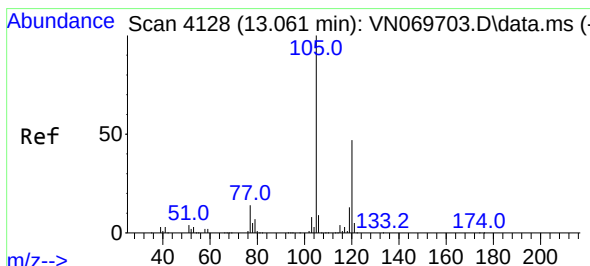
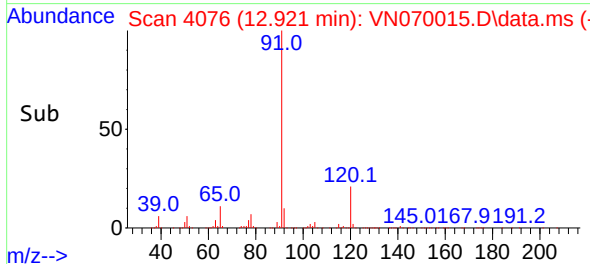
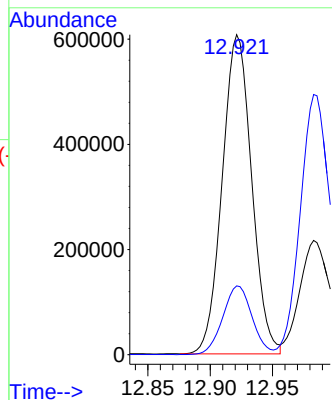
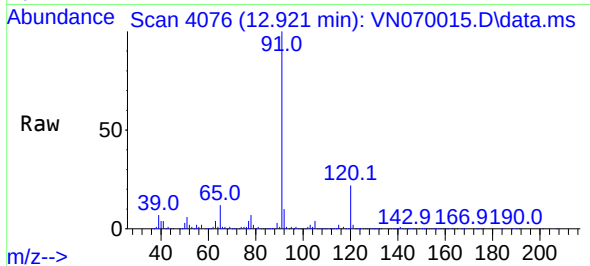
#78
n-propylbenzene
Concen: 8.38 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5

Tgt Ion: 91 Resp: 99632
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

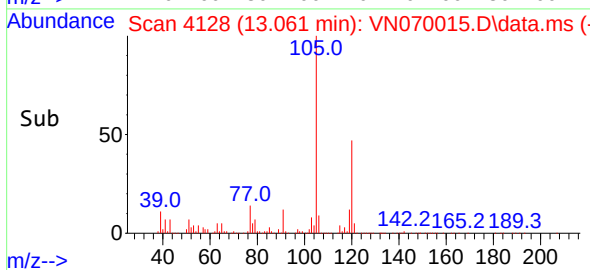
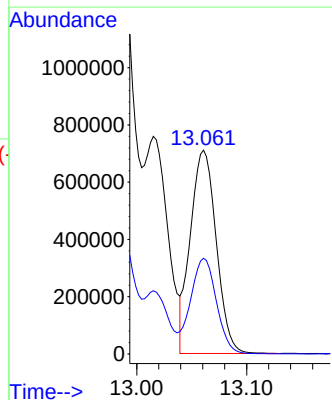
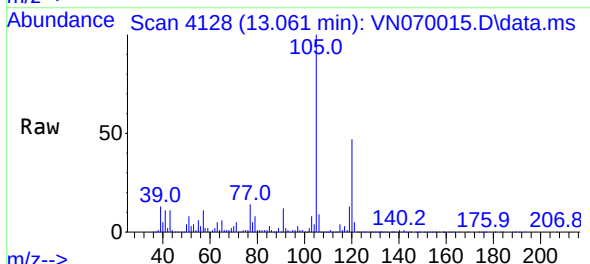
Manual Integrations
APPROVED

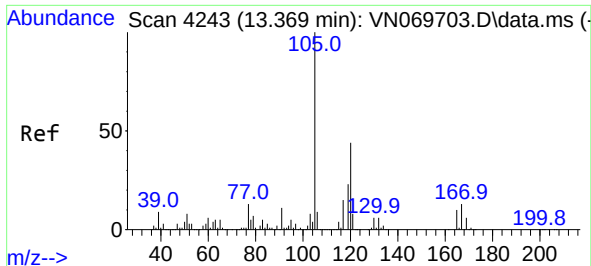
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021



#80
1,3,5-Trimethylbenzene
Concen: 13.48 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

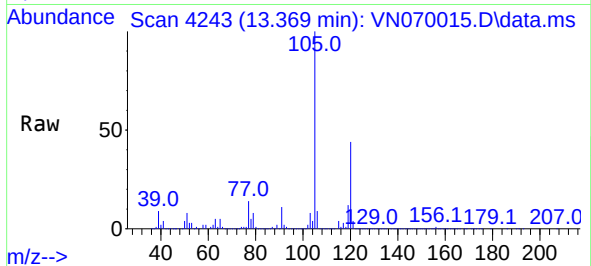
Tgt Ion:105 Resp: 1159415
Ion Ratio Lower Upper
105 100
120 47.5 24.6 73.6





#84
1,2,4-Trimethylbenzene
Concen: 46.20 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

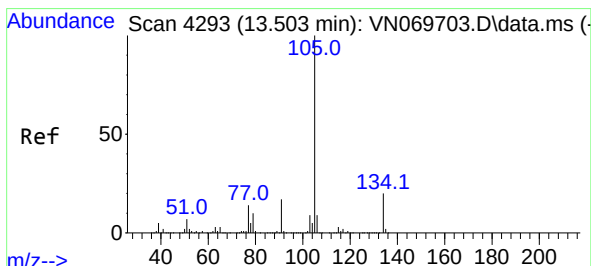
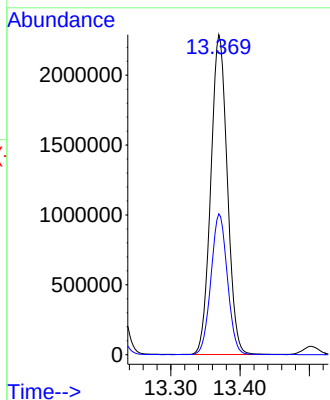
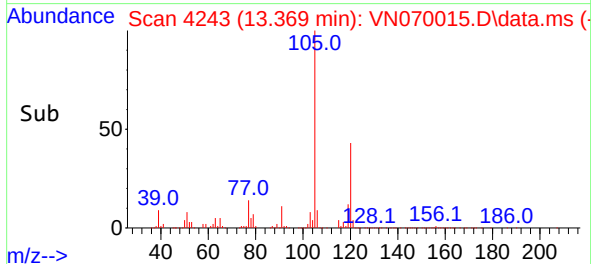
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



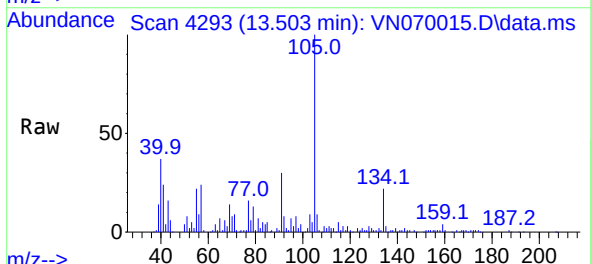
Tgt Ion:105 Resp: 378422
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4

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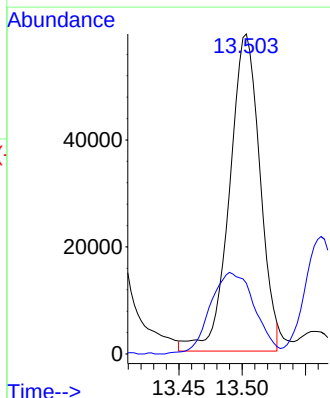
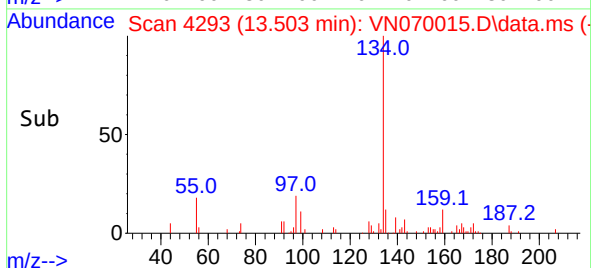
Reviewed By :Mahesh Dadoda 12/31/2021
Supervised By :Semsettin Yesilyurt 12/31/2021

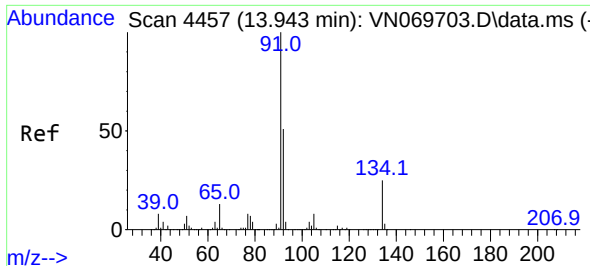


#85
sec-Butylbenzene
Concen: 0.96 ug/l m
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



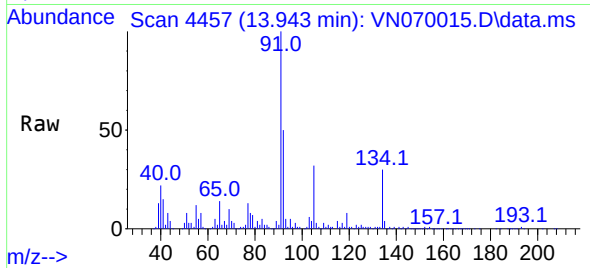
Tgt Ion:105 Resp: 99235
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#89
n-Butylbenzene
Concen: 2.28 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10

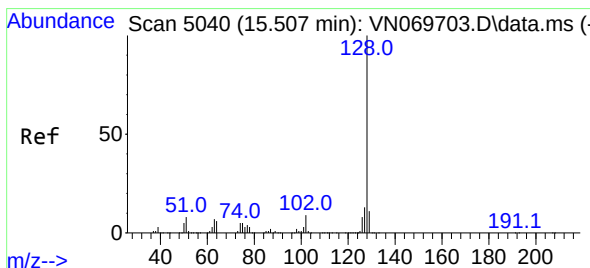
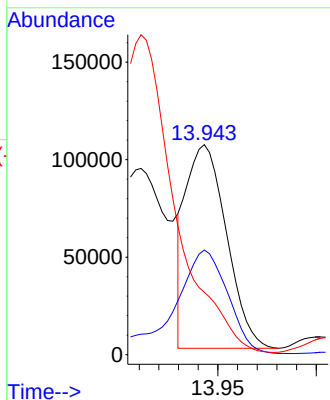
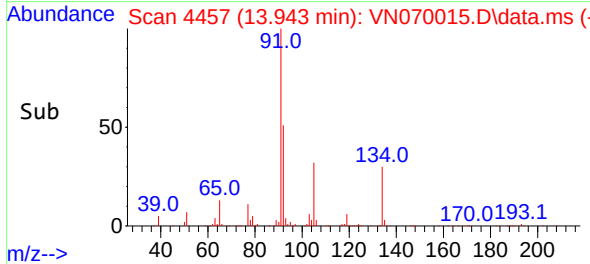
Instrument :
MSVOA_N
ClientSampleId :
A2-3-6.5



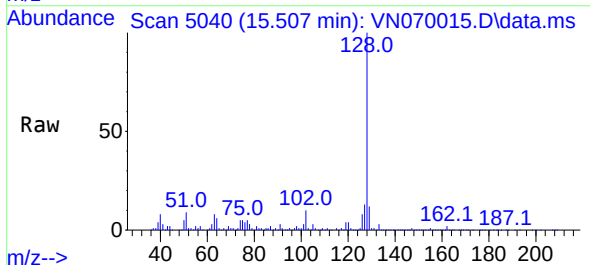
Tgt Ion: 91 Resp: 149477
Ion Ratio Lower Upper
91 100
92 66.5 25.4 76.0
134 0.0 13.6 40.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 12.67 ug/l m
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070015.D
Acq: 11 Dec 2021 18:10



Tgt Ion:128 Resp: 553865
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

