

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070473.D
 Acq On : 4 Jan 2022 19:14
 Operator : JC/MD
 Sample : N1012-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31212

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2022
 Supervised By : Mahesh Dadoda 01/05/2022

Quant Time: Jan 05 03:21:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	912090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1561000	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1320902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	436399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	798028	60.853	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 121.700%			
35) Dibromofluoromethane	8.021	113	552625	58.511	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 117.020%			
50) Toluene-d8	10.440	98	2080513	53.923	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.728	95	768898	55.176	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.360%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.380	59	22452m	10.282	ug/l	
16) Acetone	4.285	43	848837	99.709	ug/l	98
20) Methylene Chloride	5.101	84	13447	1.142	ug/l	93
25) 2-Butanone	7.324	43	26636911m	2485.010	ug/l	
29) Tetrahydrofuran	7.691	42	45940	7.183	ug/l	93
40) Benzene	8.461	78	29485	0.616	ug/l	94
52) Toluene	10.502	92	401042	13.832	ug/l	98
67) Ethyl Benzene	11.843	91	487654	9.496	ug/l	96
68) m/p-Xylenes	11.948	106	753868	40.331	ug/l	92
69) o-Xylene	12.278	106	459926	24.737	ug/l	92
70) Styrene	12.291	104	289232	9.829	ug/l #	80
73) Isopropylbenzene	12.575	105	82697	2.041	ug/l	98
78) n-propylbenzene	12.919	91	269422	6.000	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	398910	12.283	ug/l	96
84) 1,2,4-Trimethylbenzene	13.366	105	2450339	78.356	ug/l	78
85) sec-Butylbenzene	13.498	105	71572m	1.844	ug/l	
86) p-Isopropyltoluene	13.613	119	40421	1.325	ug/l	97
89) n-Butylbenzene	13.940	91	60703	2.386	ug/l #	77
95) Naphthalene	15.501	128	362278	19.362	ug/l	99

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

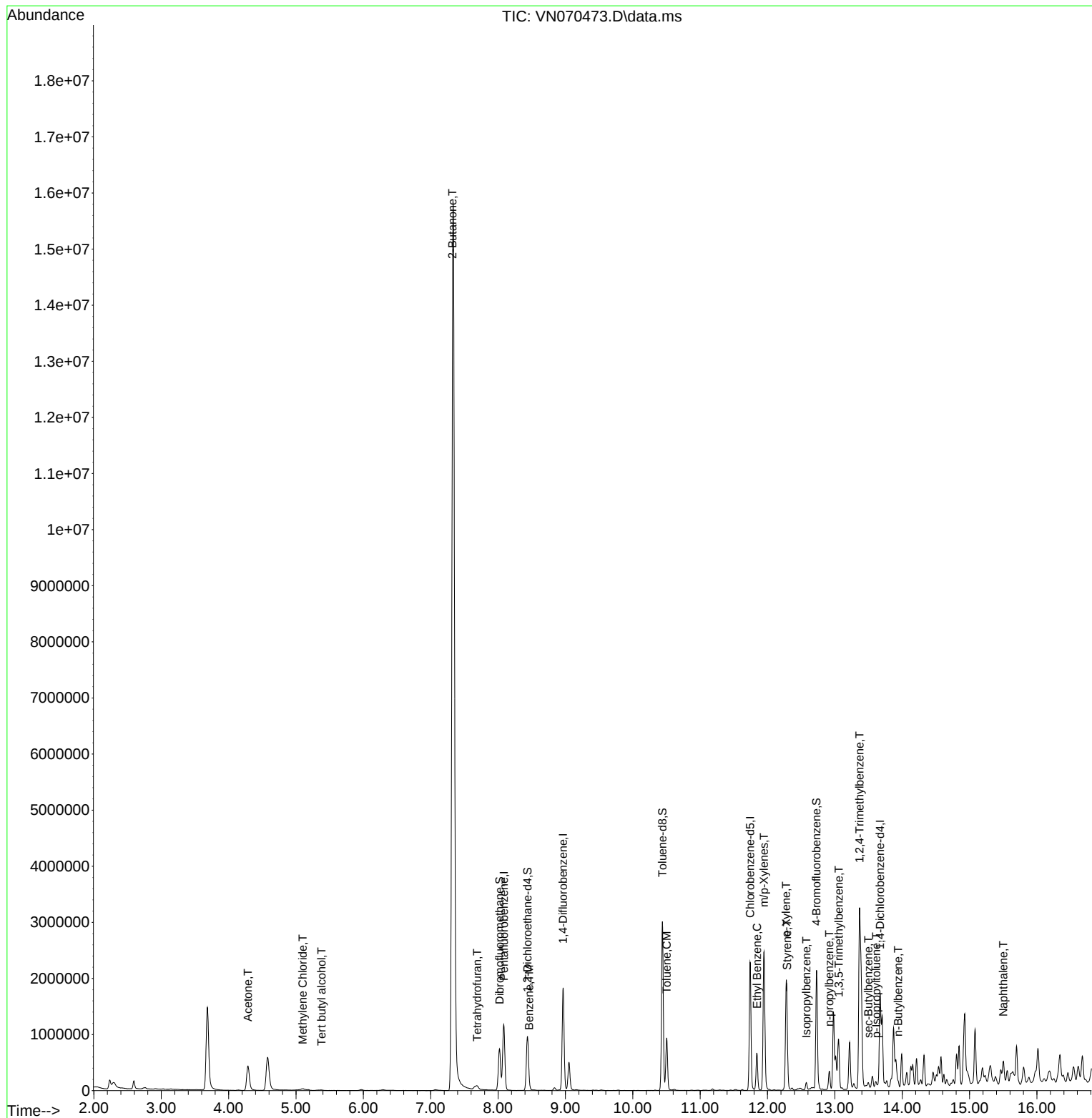
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
Data File : VN070473.D
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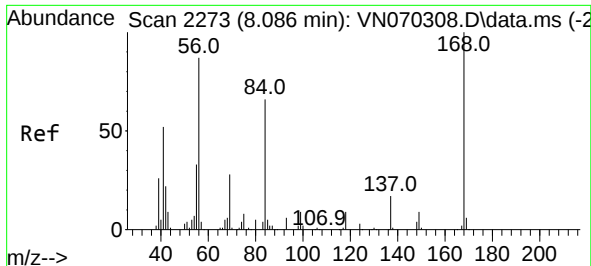
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ClientSampleId :
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Supervised By : Mahesh Dadoda 01/05/2022

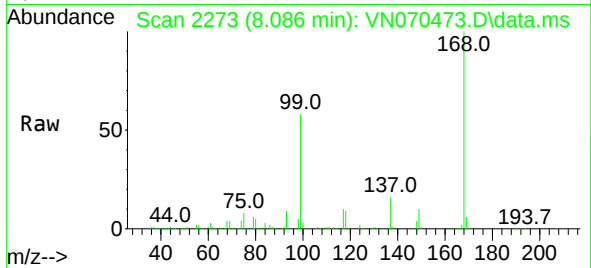
Quant Time: Jan 05 03:21:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

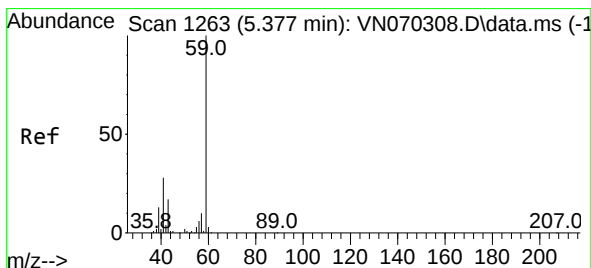
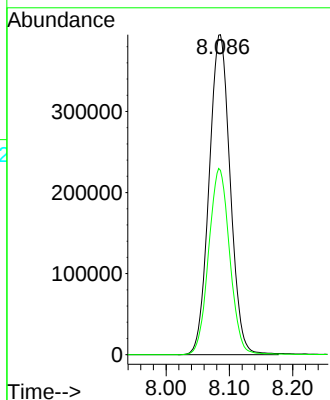
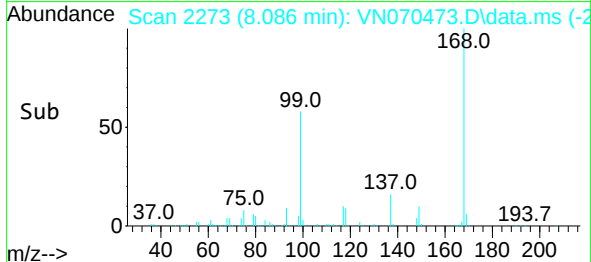
Instrument :
MSVOA_N
ClientSampleId :
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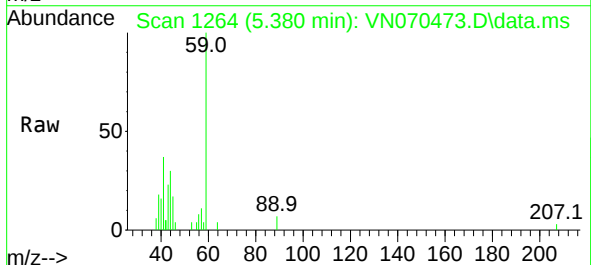
Tgt Ion:168 Resp: 912090
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9

Manual Integrations
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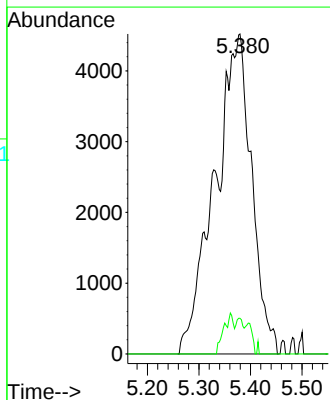
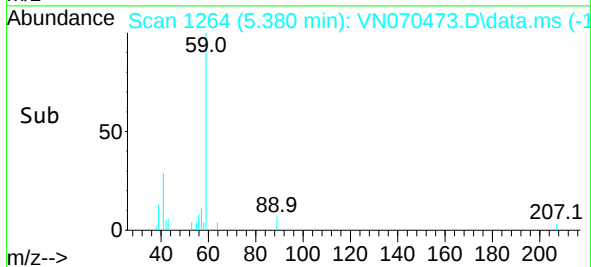
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

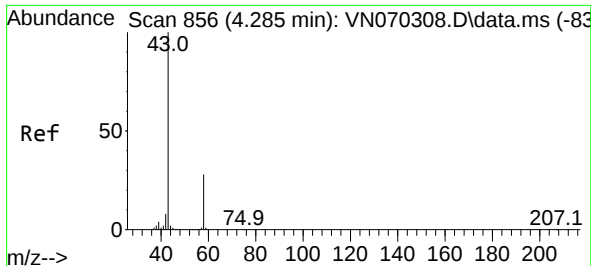


#11
Tert butyl alcohol
Concen: 10.282 ug/l m
RT: 5.380 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



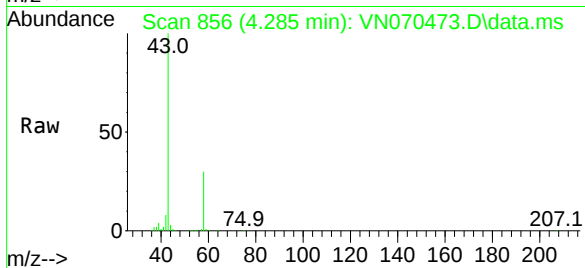
Tgt Ion: 59 Resp: 22452
Ion Ratio Lower Upper
59 100
57 1.7 8.7 13.1#





#16
Acetone
Concen: 99.709 ug/l
RT: 4.285 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

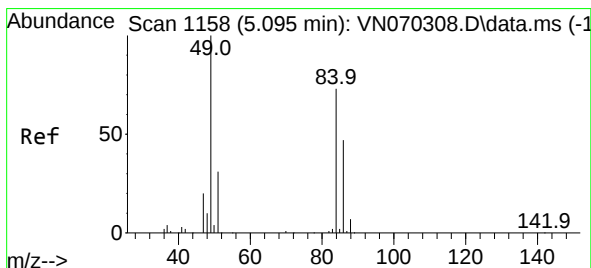
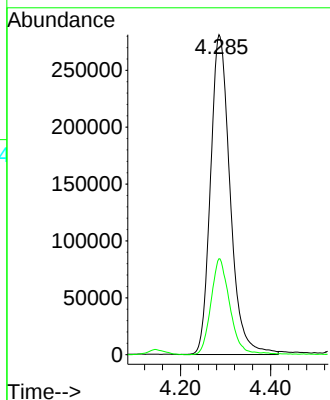
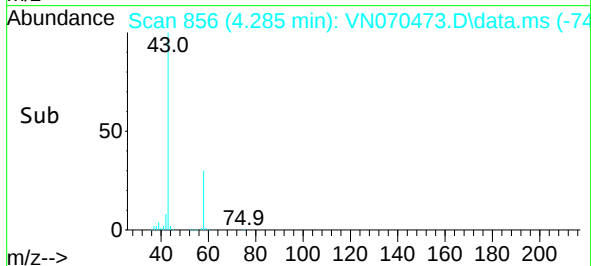
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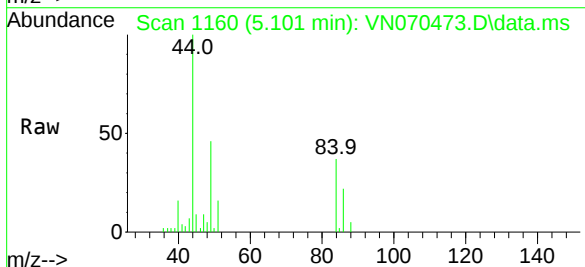
Tgt Ion: 43 Resp: 84883
Ion Ratio Lower Upper
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58 29.9 23.1 34.7

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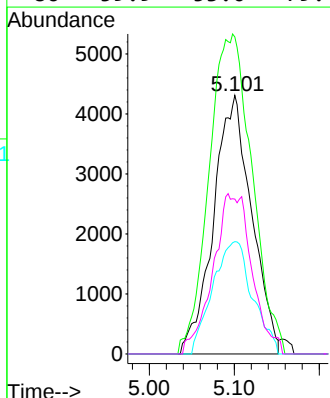
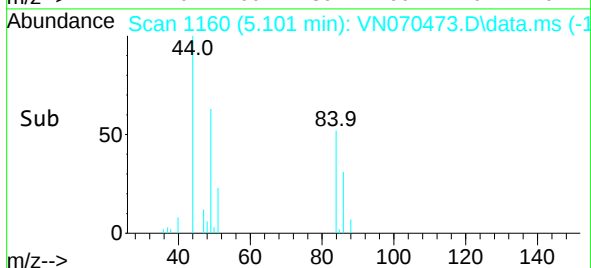
Reviewed By :John Carlone 01/05/2022
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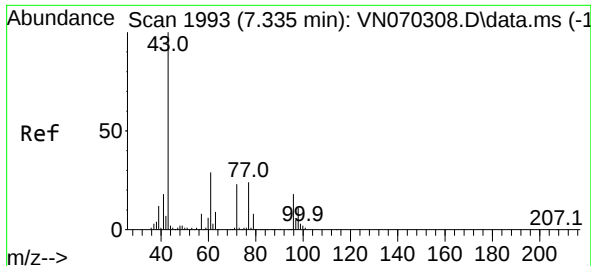


#20
Methylene Chloride
Concen: 1.142 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



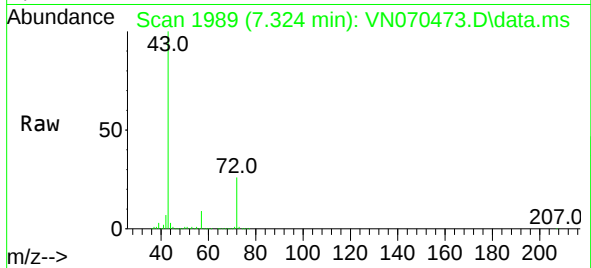
Tgt Ion: 84 Resp: 13447
Ion Ratio Lower Upper
84 100
49 122.6 93.5 140.3
51 43.4 29.4 44.2
86 59.9 53.0 79.4





#25
2-Butanone
Concen: 2485.010 ug/l m
RT: 7.324 min Scan# 1993
Delta R.T. -0.011 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

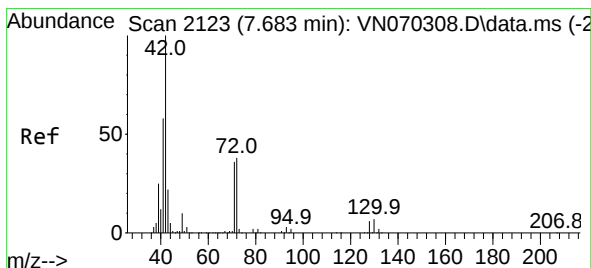
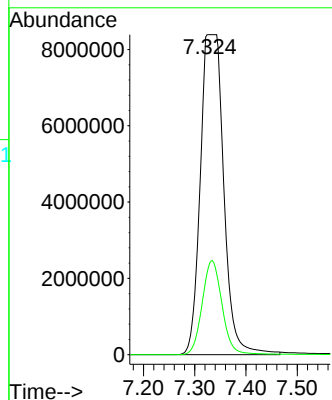
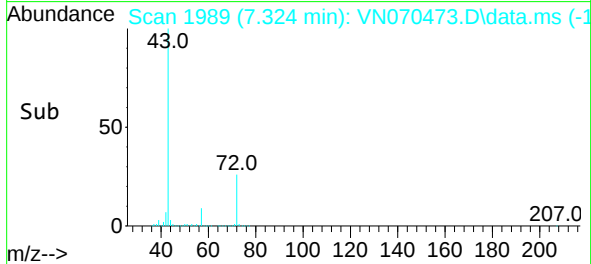
Instrument :
MSVOA_N
ClientSampleId :
31212



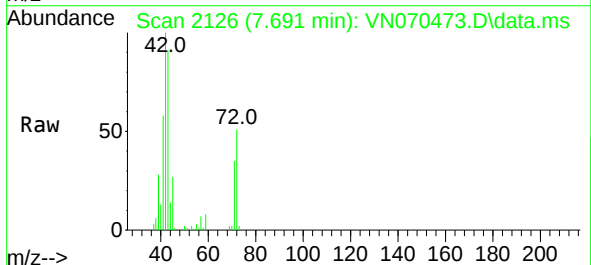
Tgt Ion: 43 Resp: 2663691
Ion Ratio Lower Upper
43 100
72 25.5 21.7 32.5

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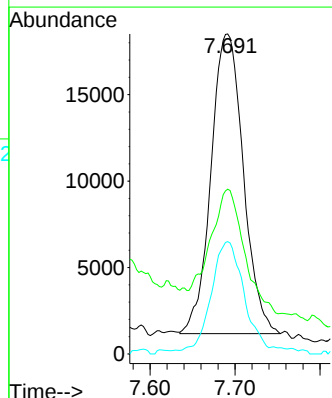
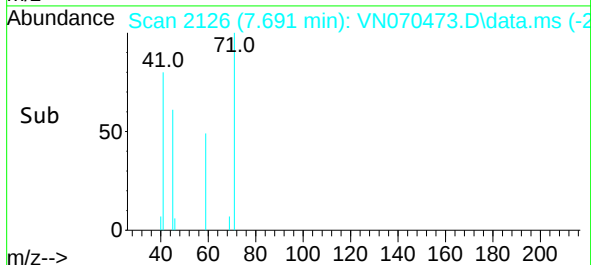
Reviewed By : John Carlone 01/05/2022
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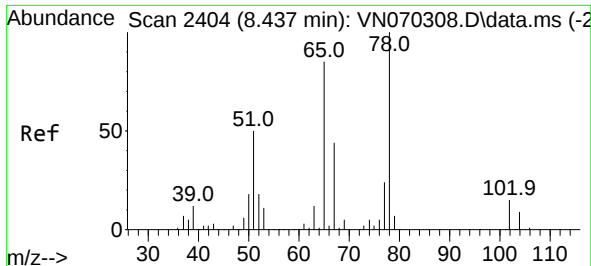


#29
Tetrahydrofuran
Concen: 7.183 ug/l
RT: 7.691 min Scan# 2126
Delta R.T. 0.008 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



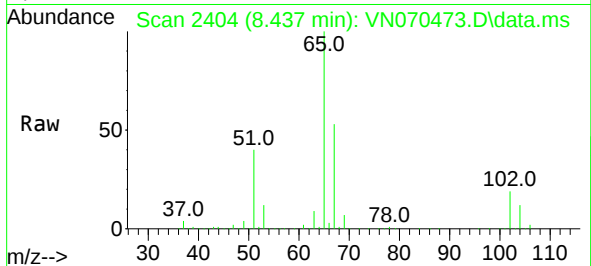
Tgt Ion: 42 Resp: 45940
Ion Ratio Lower Upper
42 100
72 44.2 36.3 54.5
71 35.9 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 60.853 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

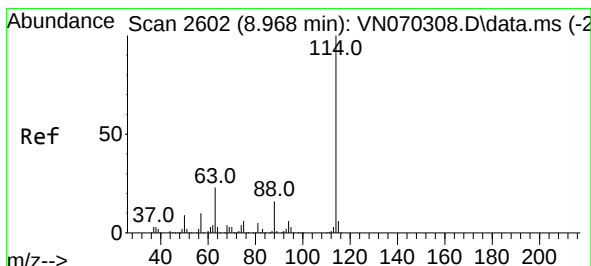
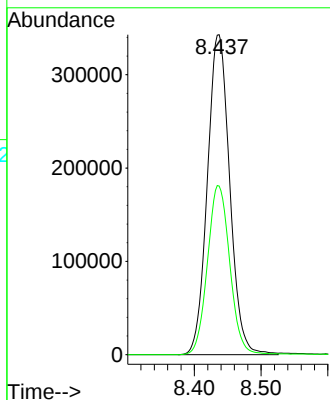
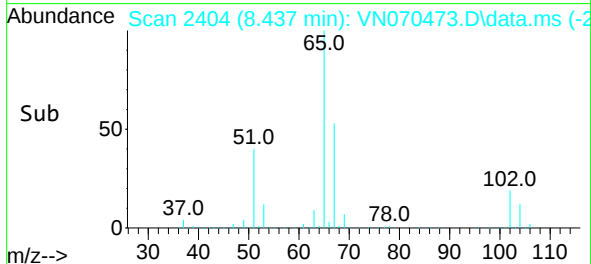
Instrument :
MSVOA_N
Client Sample Id :
31212



Tgt Ion: 65 Resp: 798028
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

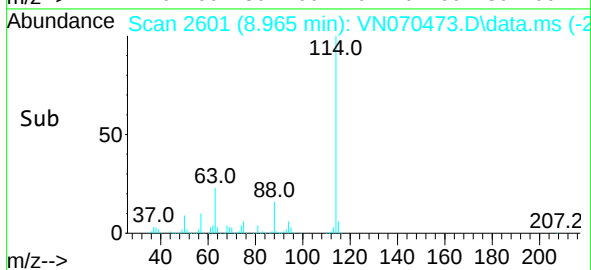
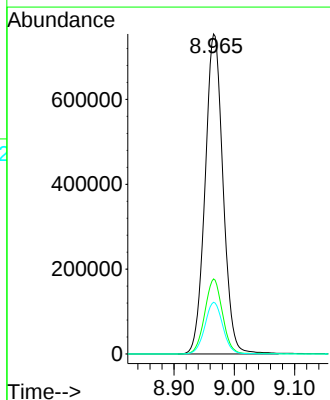
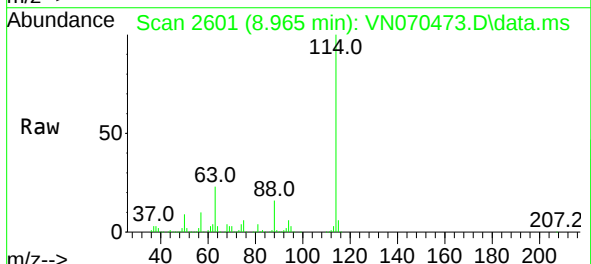
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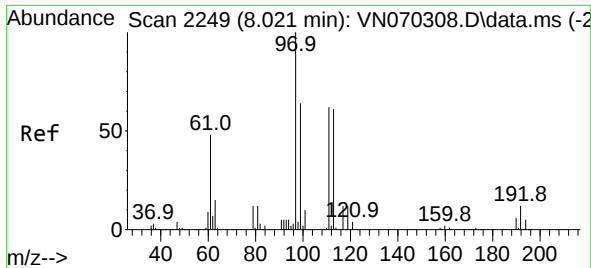
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

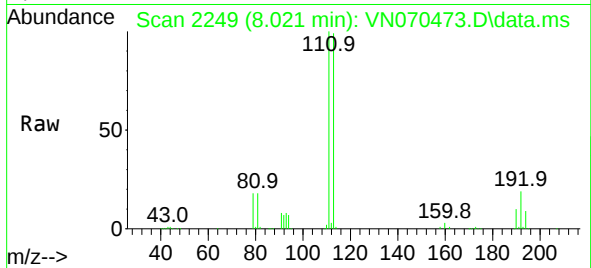
Tgt Ion:114 Resp: 1561000
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 58.511 ug/l
RT: 8.021 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

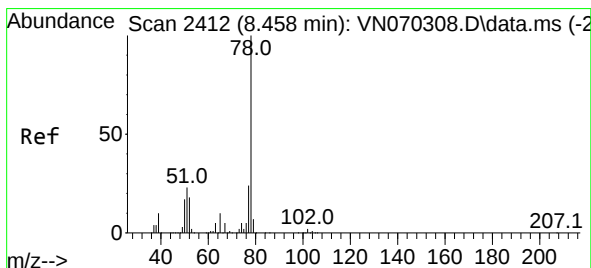
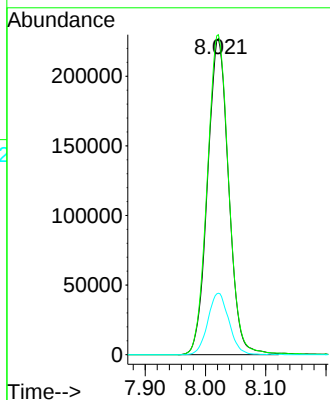
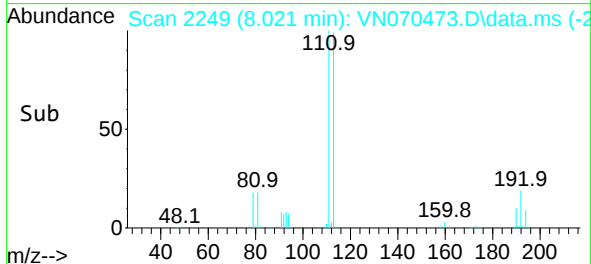
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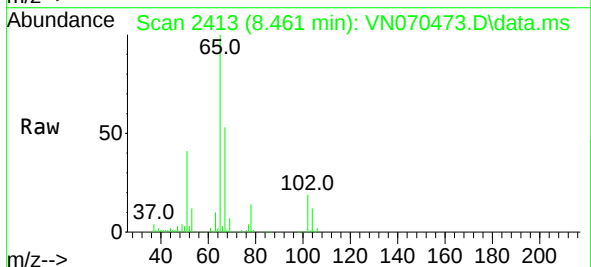
Tgt Ion:113 Resp: 55262
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.2
192 19.4 16.9 25.3

Manual Integrations
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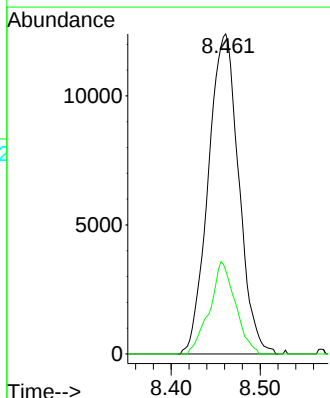
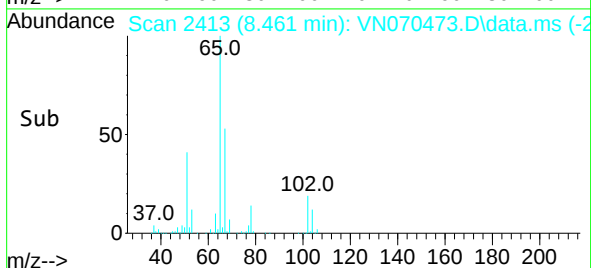
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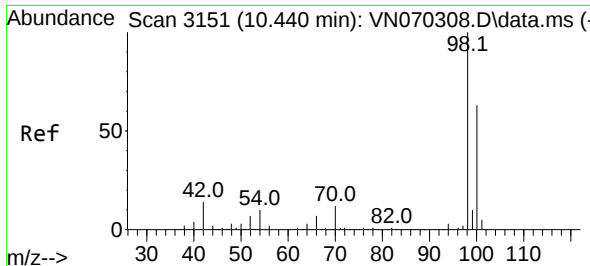


#40
Benzene
Concen: 0.616 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



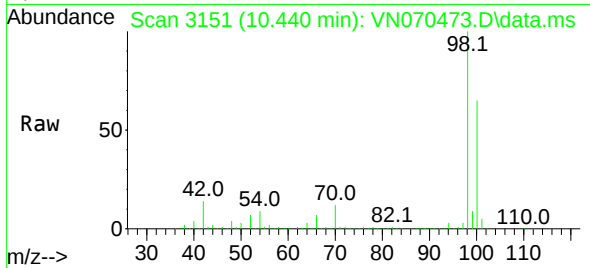
Tgt Ion: 78 Resp: 29485
Ion Ratio Lower Upper
78 100
77 26.1 18.6 27.8





#50
Toluene-d8
Concen: 53.923 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

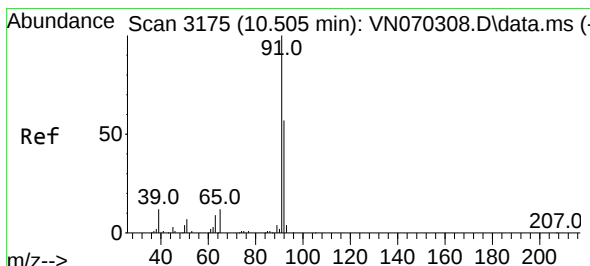
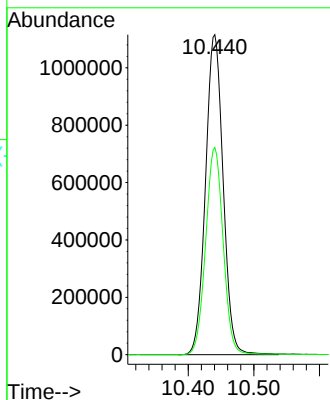
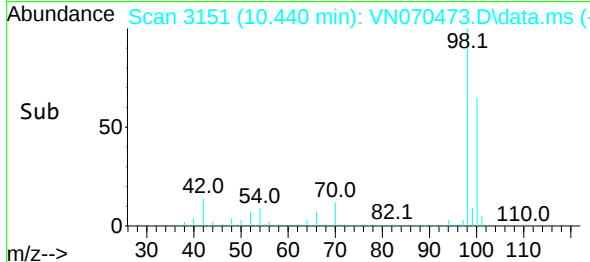
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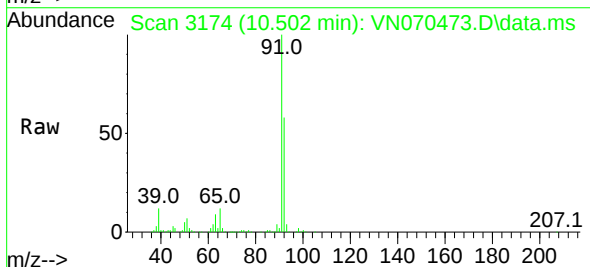
Tgt Ion: 98 Resp: 208051
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6

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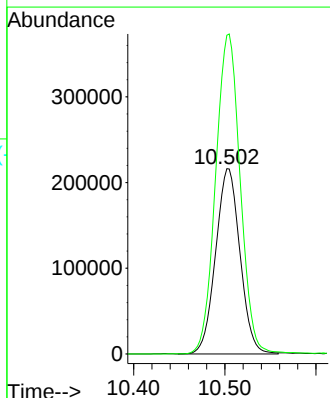
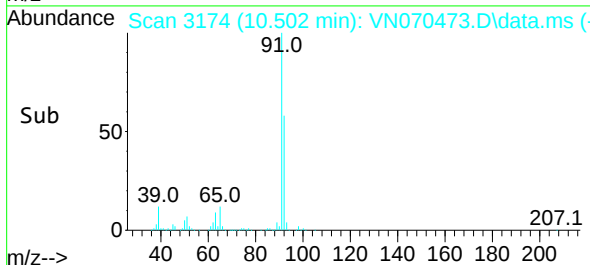
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

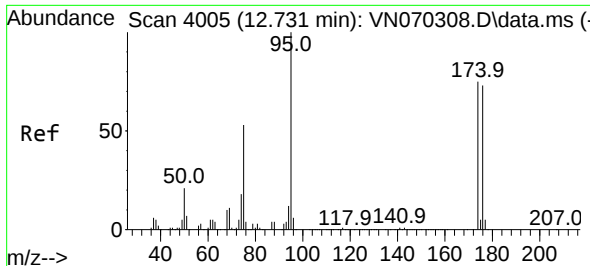


#52
Toluene
Concen: 13.832 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



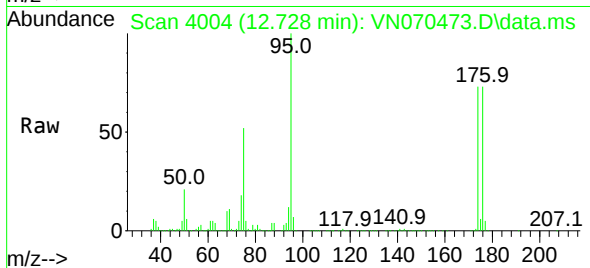
Tgt Ion: 92 Resp: 401042
Ion Ratio Lower Upper
92 100
91 174.5 142.0 213.0





#62
4-Bromofluorobenzene
Concen: 55.176 ug/l
RT: 12.728 min Scan# 4005
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

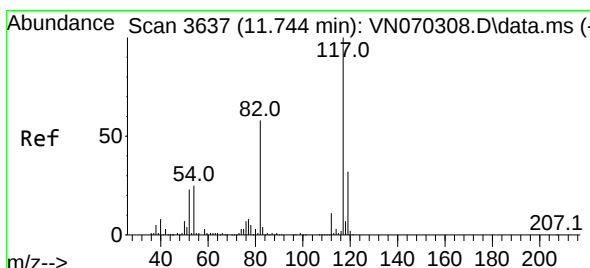
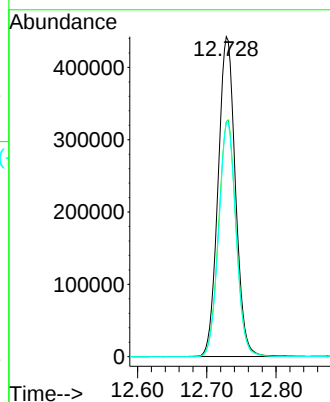
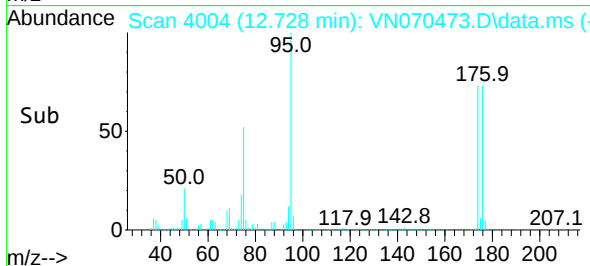
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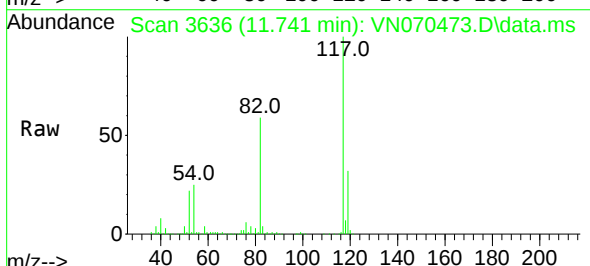
Tgt Ion: 95 Resp: 768898
Ion Ratio Lower Upper
95 100
174 74.5 0.0 187.2
176 73.1 0.0 181.4

Manual Integrations
APPROVED

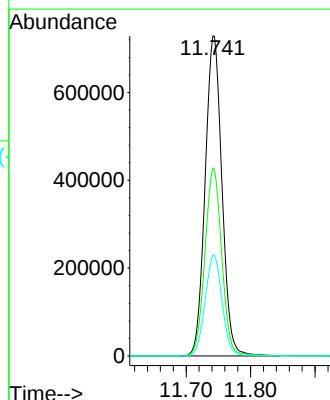
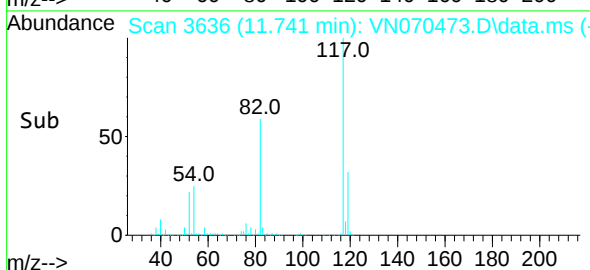
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

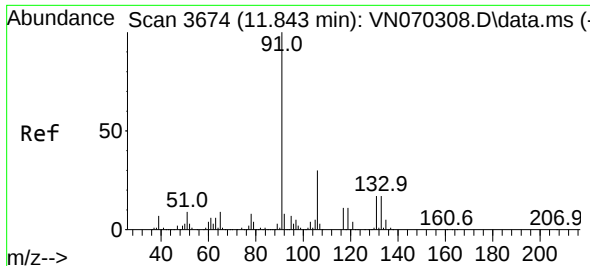


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



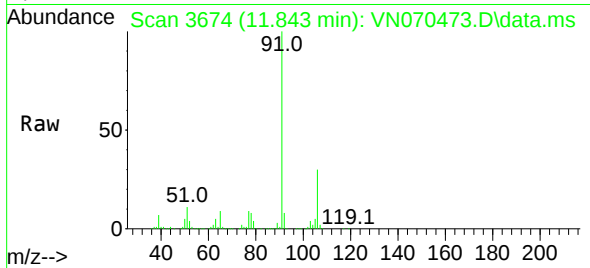
Tgt Ion:117 Resp: 1320902
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 31.5 25.4 38.2





#67
Ethyl Benzene
Concen: 9.496 ug/l
RT: 11.843 min Scan# 3011
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

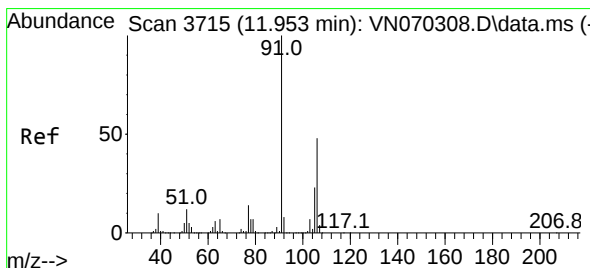
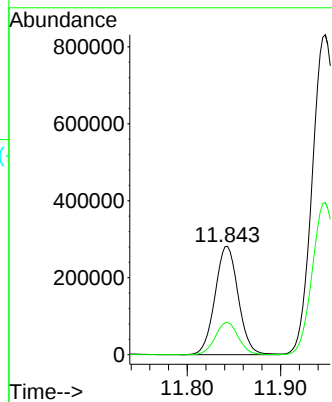
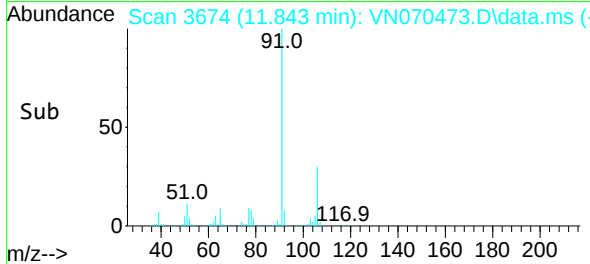
Instrument :
MSVOA_N
ClientSampleId :
31212



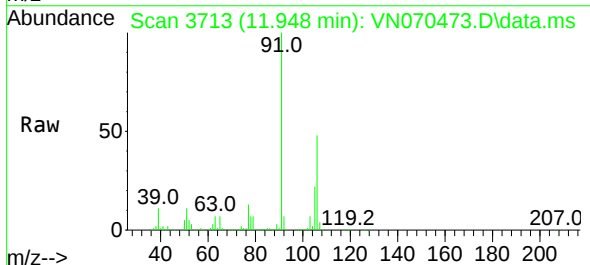
Tgt Ion: 91 Resp: 487654
Ion Ratio Lower Upper
91 100
106 29.9 25.7 38.5

Manual Integrations
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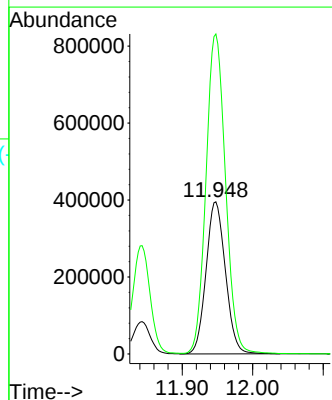
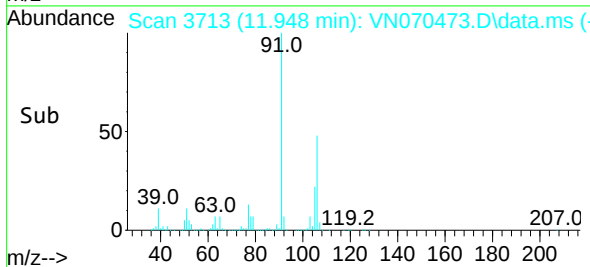
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

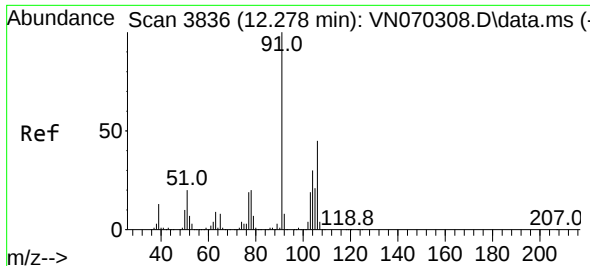


#68
m/p-Xylenes
Concen: 40.331 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



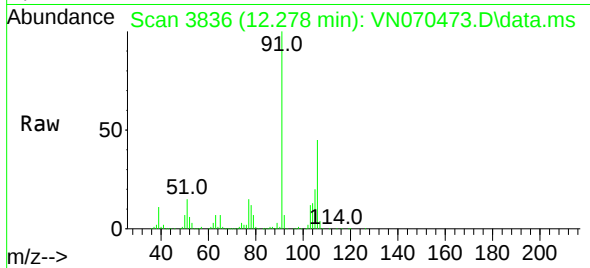
Tgt Ion:106 Resp: 753868
Ion Ratio Lower Upper
106 100
91 212.4 160.6 240.8





#69
o-Xylene
Concen: 24.737 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

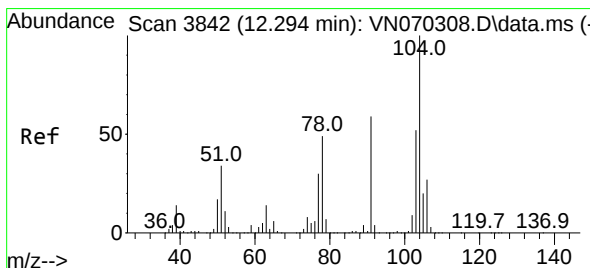
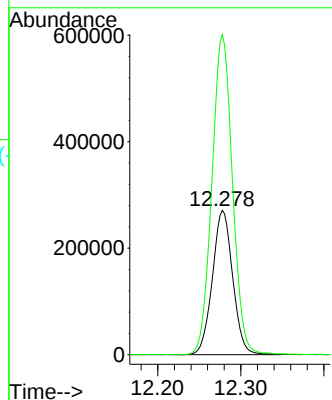
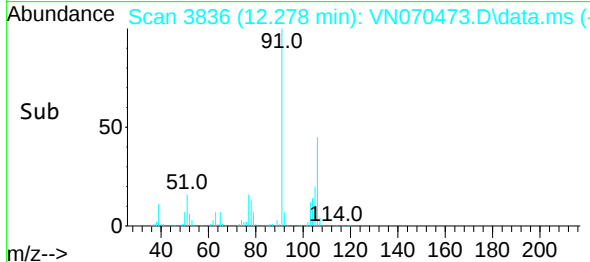
Instrument :
MSVOA_N
ClientSampleId :
31212



Tgt Ion:106 Resp: 459920
Ion Ratio Lower Upper
106 100
91 224.8 105.8 317.3

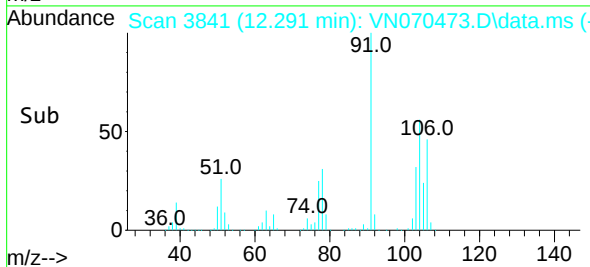
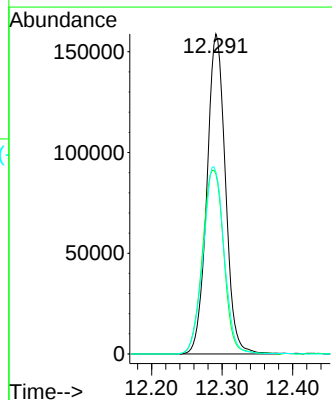
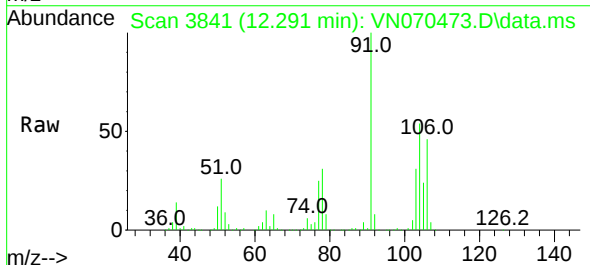
Manual Integrations
APPROVED

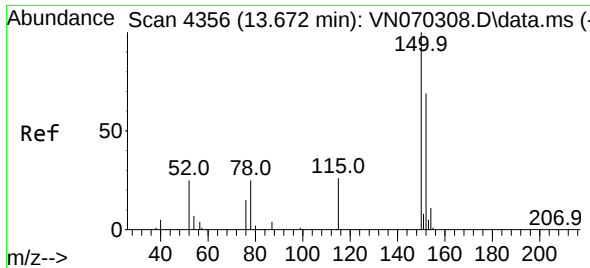
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#70
Styrene
Concen: 9.829 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

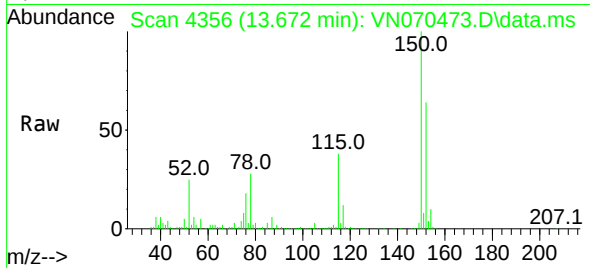
Tgt Ion:104 Resp: 289232
Ion Ratio Lower Upper
104 100
78 66.3 38.7 58.1#
103 66.5 45.0 67.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

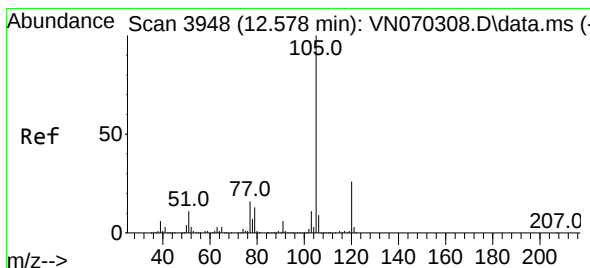
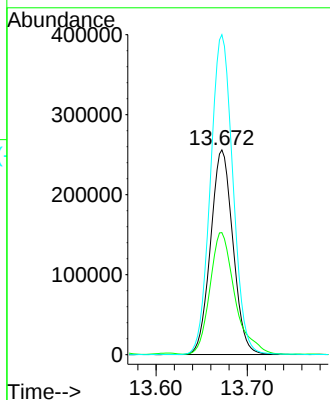
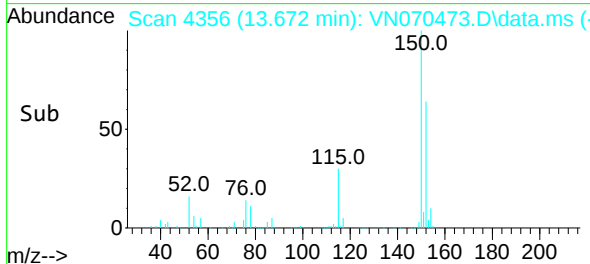
Instrument :
MSVOA_N
ClientSampleId :
31212



Tgt Ion:152 Resp: 436399
Ion Ratio Lower Upper
152 100
115 66.1 27.5 82.5
150 157.5 0.0 344.4

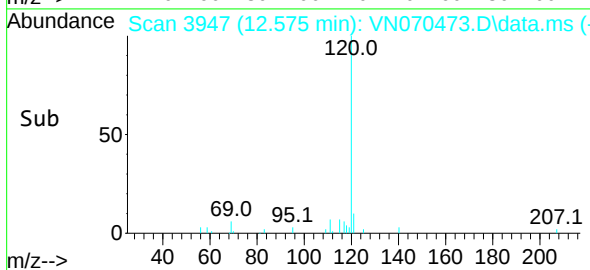
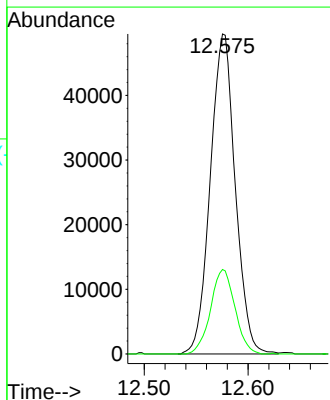
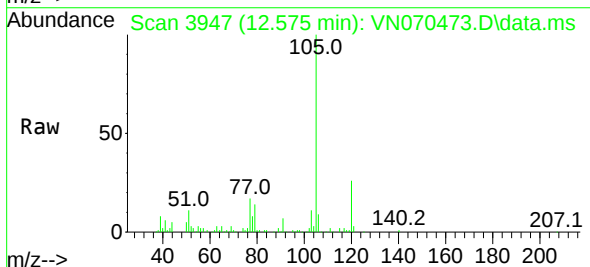
Manual Integrations
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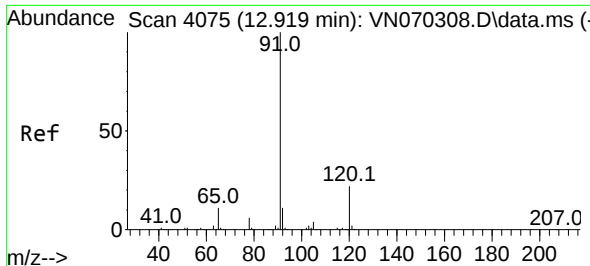
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#73
Isopropylbenzene
Concen: 2.041 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

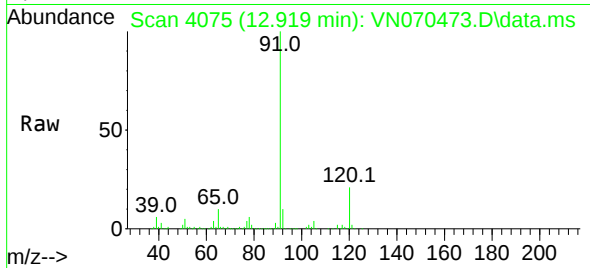
Tgt Ion:105 Resp: 82697
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1





#78
n-propylbenzene
Concen: 6.000 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

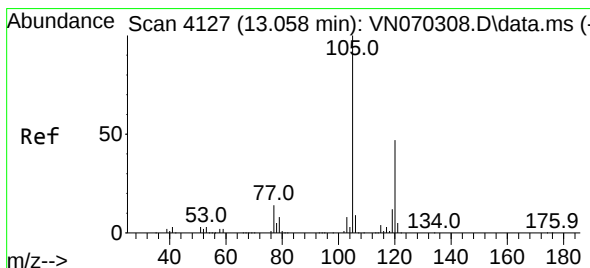
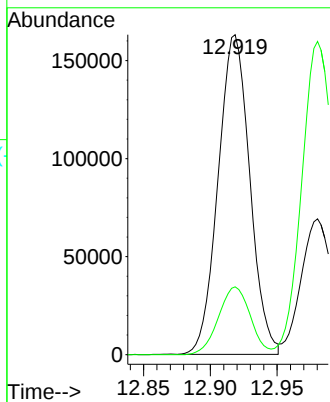
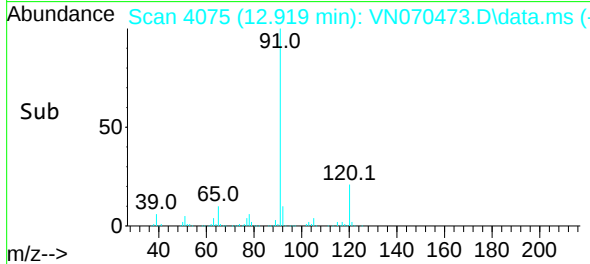
Instrument :
MSVOA_N
ClientSampleId :
31212



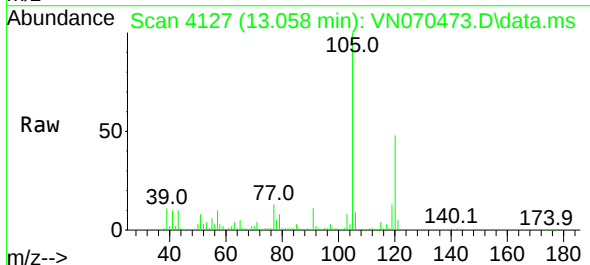
Tgt Ion: 91 Resp: 26942
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.9

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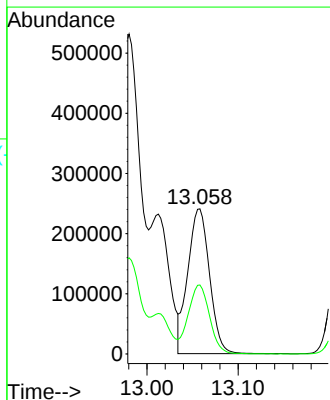
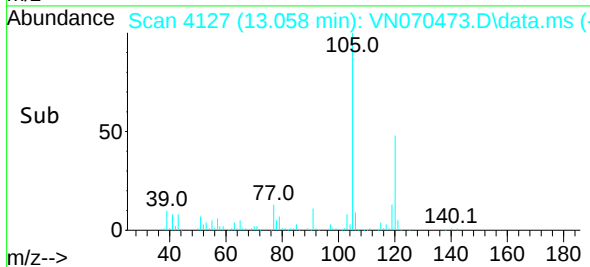
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

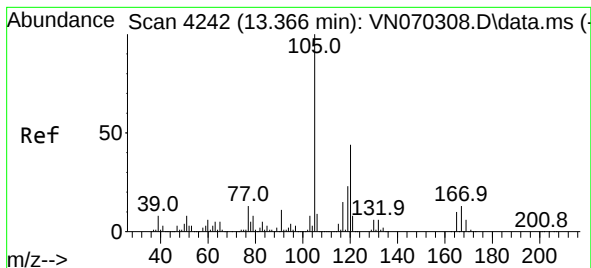


#80
1,3,5-Trimethylbenzene
Concen: 12.283 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14



Tgt Ion:105 Resp: 398910
Ion Ratio Lower Upper
105 100
120 46.6 24.6 73.6





#84

1,2,4-Trimethylbenzene

Concen: 78.356 ug/l

RT: 13.366 min Scan# 4242

Delta R.T. 0.000 min

Lab File: VN070473.D

Acq: 4 Jan 2022 19:14

Instrument :

MSVOA_N

ClientSampleId :

31212

Tgt Ion:105 Resp: 2450339

Ion Ratio Lower Upper

105 100

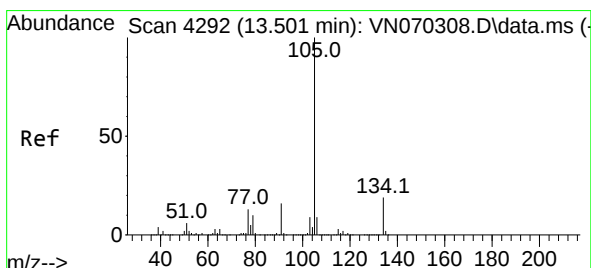
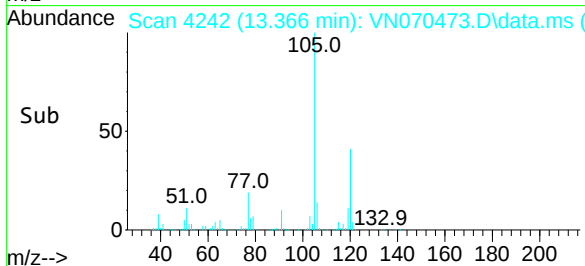
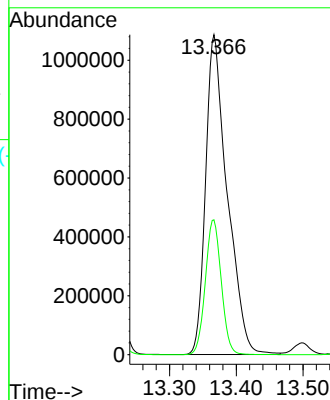
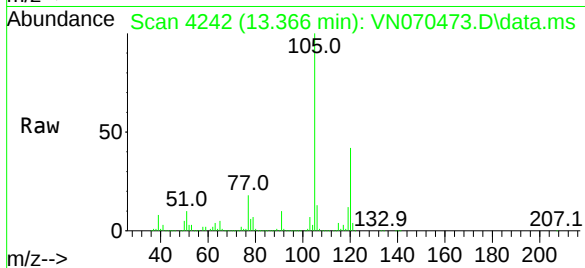
120 30.9 22.8 68.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/05/2022

Supervised By :Mahesh Dadoda 01/05/2022



#85

sec-Butylbenzene

Concen: 1.844 ug/l m

RT: 13.498 min Scan# 4291

Delta R.T. -0.003 min

Lab File: VN070473.D

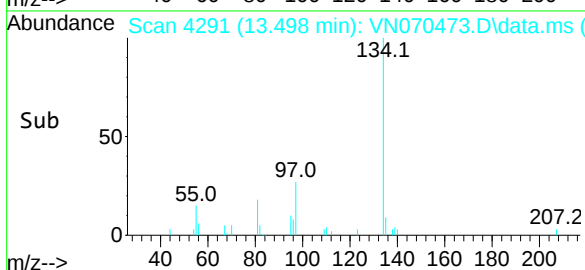
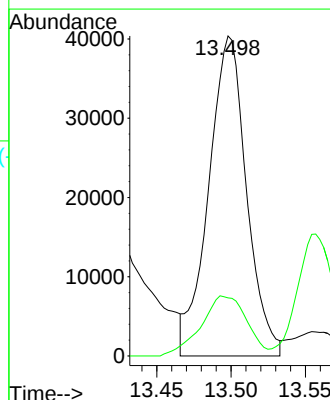
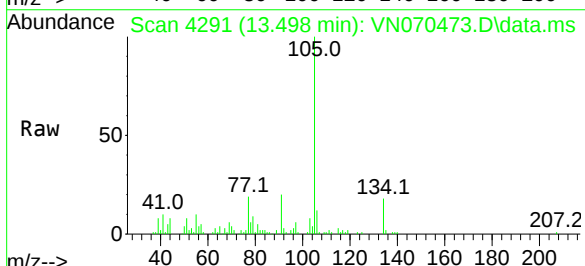
Acq: 4 Jan 2022 19:14

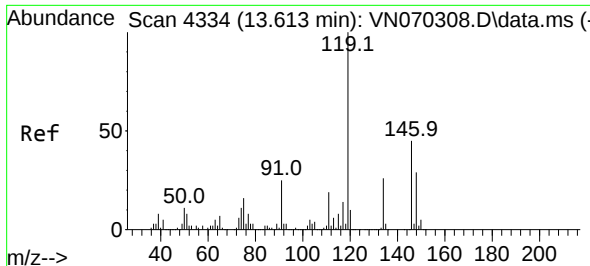
Tgt Ion:105 Resp: 71572

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





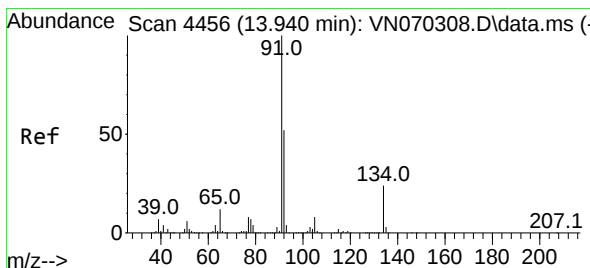
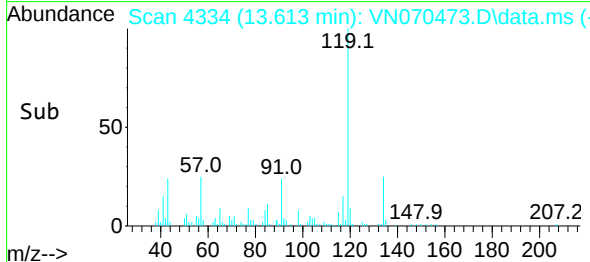
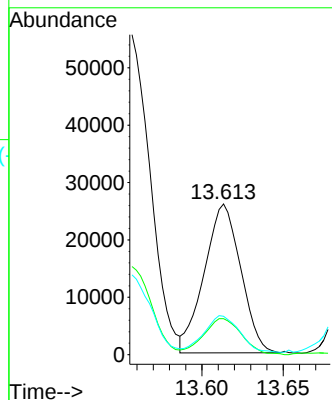
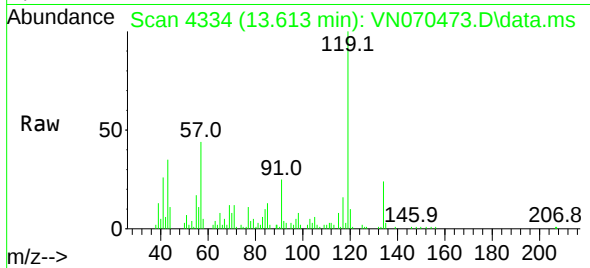
#86
p-Isopropyltoluene
Concen: 1.325 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
31212

Tgt Ion:119 Resp: 4042
Ion Ratio Lower Upper
119 100
134 25.5 13.6 40.7
91 23.8 11.4 34.1

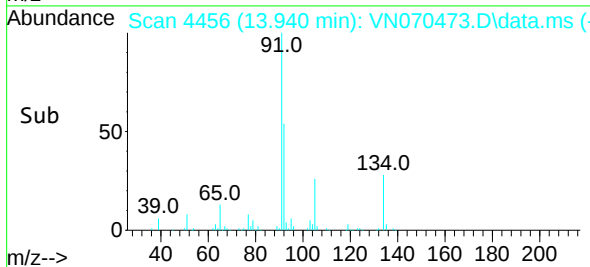
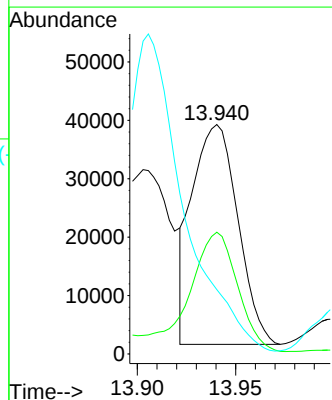
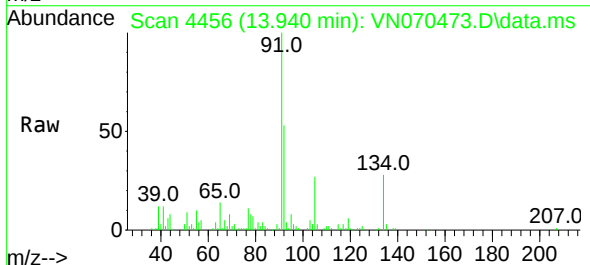
Manual Integrations
APPROVED

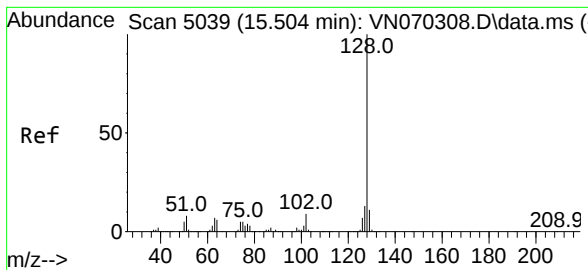
Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022



#89
n-Butylbenzene
Concen: 2.386 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

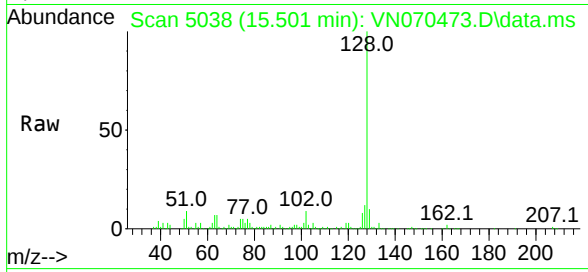
Tgt Ion: 91 Resp: 60703
Ion Ratio Lower Upper
91 100
92 55.3 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 19.362 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070473.D
Acq: 4 Jan 2022 19:14

Instrument :
MSVOA_N
ClientSampleId :
31212



Tgt Ion:128 Resp: 362278
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 01/05/2022
Supervised By :Mahesh Dadoda 01/05/2022

