

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
 Data File : VN072769.D
 Acq On : 10 Jun 2022 16:59
 Operator : JC\MD
 Sample : N3280-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 21ST-CASING-4RE

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/11/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 11 01:55:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	160006	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	309308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	282499	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	125357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	234971	54.715	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.440%			
35) Dibromofluoromethane	8.022	113	172881	56.487	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 112.980%			
50) Toluene-d8	10.439	98	553984	45.368	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 90.740%			
62) 4-Bromofluorobenzene	12.727	95	231130	55.160	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.320%			
Target Compounds						Qvalue
16) Acetone	4.293	43	52943	25.728	ug/l	90
25) 2-Butanone	7.334	43	62368	18.841	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	5370	0.802	ug/l	90
52) Toluene	10.498	92	22753	2.827	ug/l	99
67) Ethyl Benzene	11.839	91	52868	3.735	ug/l	99
68) m/p-Xylenes	11.945	106	110157	21.899	ug/l	89
69) o-Xylene	12.274	106	93678	18.527	ug/l	88
73) Isopropylbenzene	12.574	105	15391	1.145	ug/l	99
78) n-propylbenzene	12.921	91	50122	3.414	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	164043	15.397	ug/l	96
84) 1,2,4-Trimethylbenzene	13.363	105	713541	69.995	ug/l	95
85) sec-Butylbenzene	13.498	105	14599m	1.156	ug/l	
86) p-Isopropyltoluene	13.616	119	14042	1.414	ug/l	94
89) n-Butylbenzene	13.933	91	15194m	1.816	ug/l	
95) Naphthalene	15.504	128	813081	98.717	ug/l	100

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

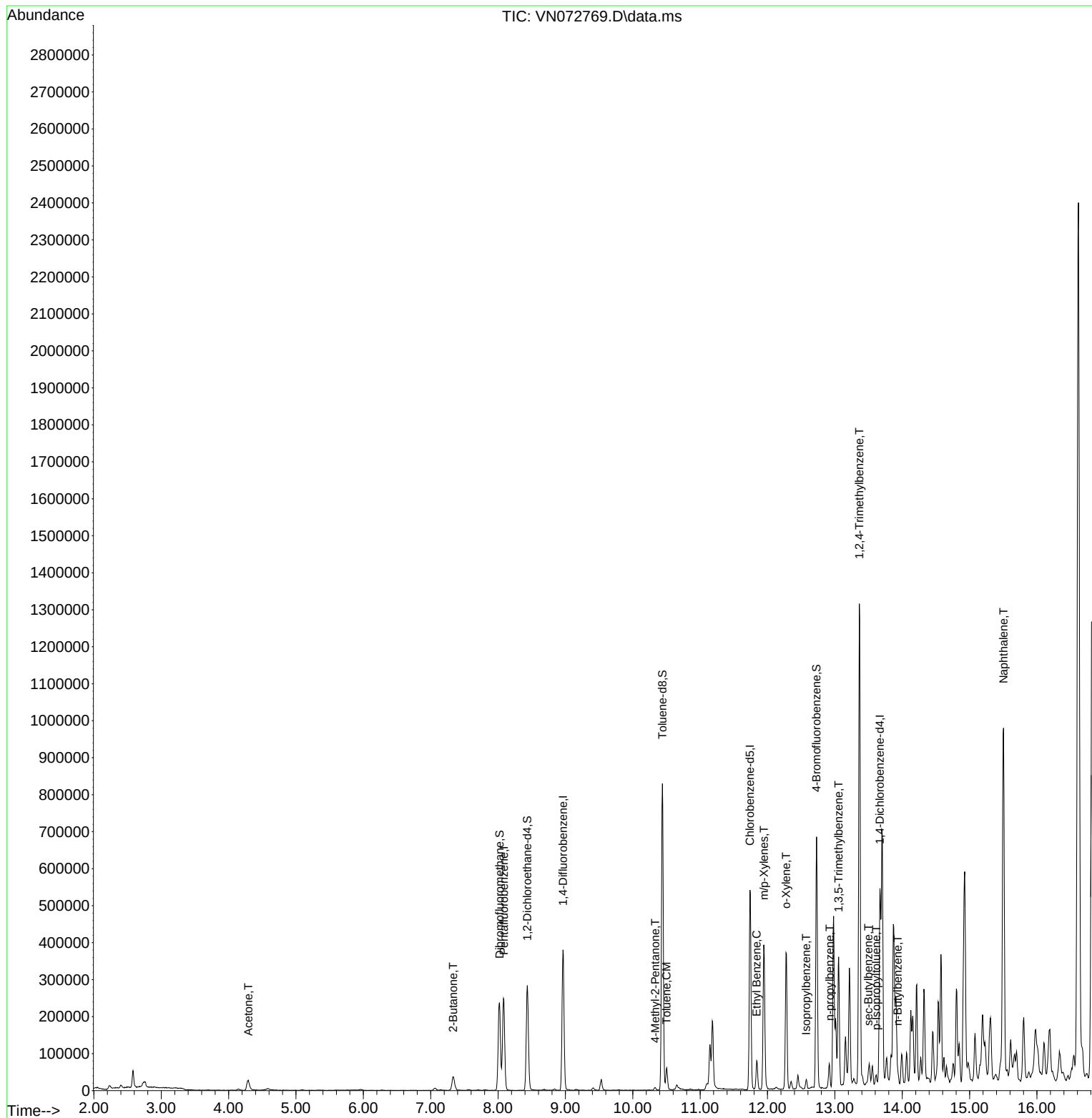
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061022\
Data File : VN072769.D
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Operator : JC\MD
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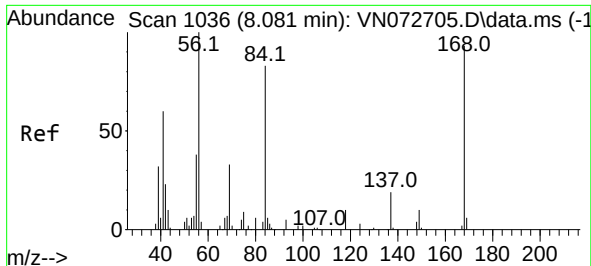
Instrument :
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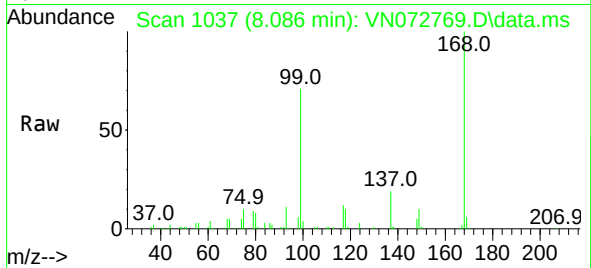
Quant Time: Jun 11 01:55:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

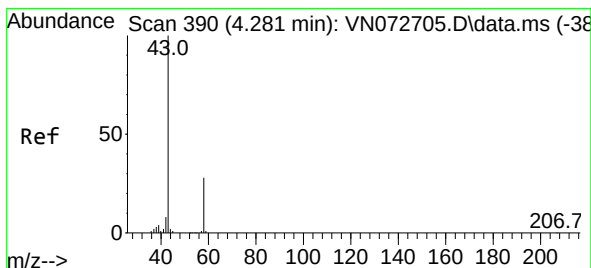
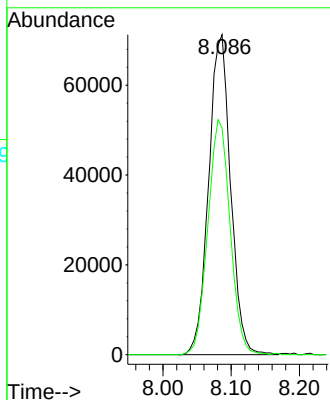
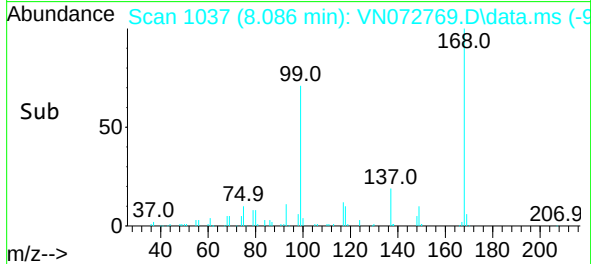
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4RE



Tgt Ion:168 Resp: 160000
Ion Ratio Lower Upper
168 100
99 70.9 42.3 63.5

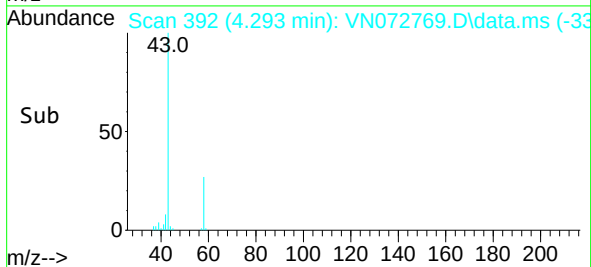
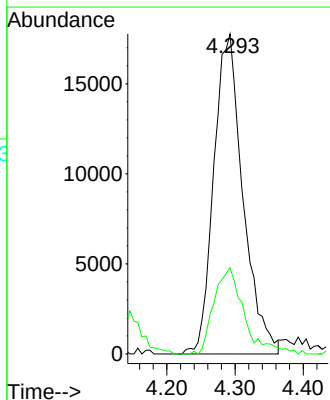
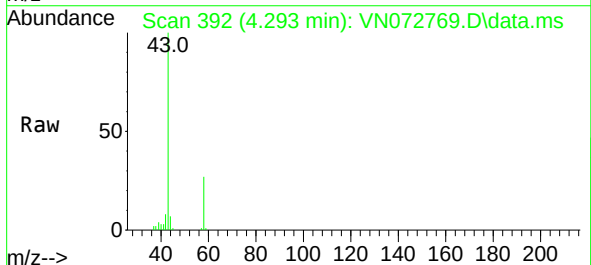
Manual Integrations
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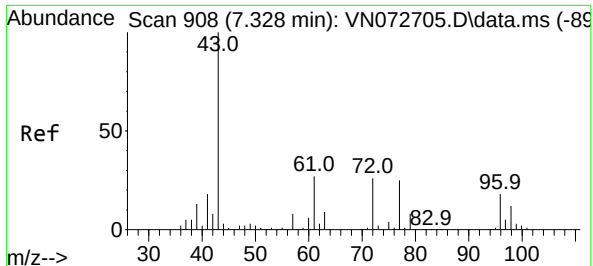
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#16
Acetone
Concen: 25.728 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

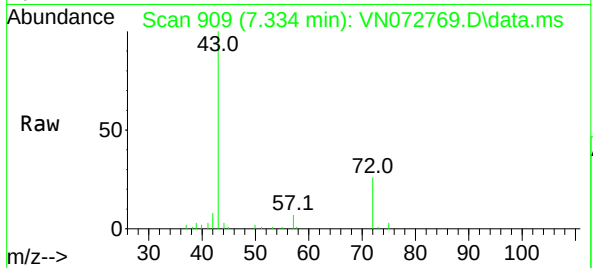
Tgt Ion: 43 Resp: 52943
Ion Ratio Lower Upper
43 100
58 26.9 26.0 39.0





#25
2-Butanone
Concen: 18.841 ug/l
RT: 7.334 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

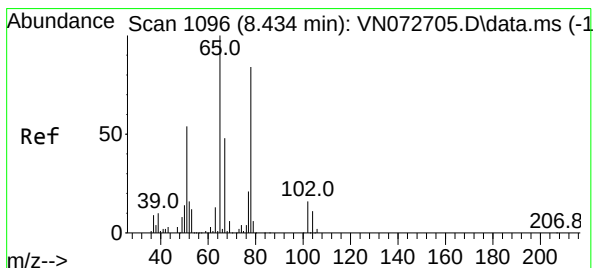
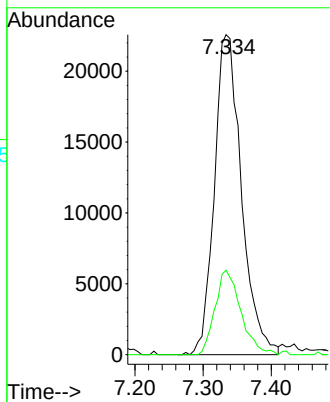
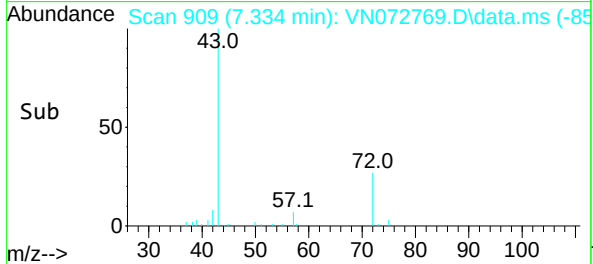
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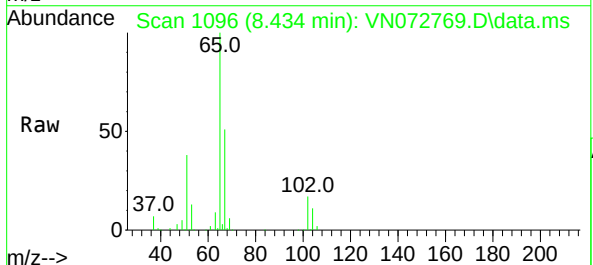
Tgt Ion: 43 Resp: 62368
Ion Ratio Lower Upper
43 100
72 26.4 23.7 35.5

Manual Integrations
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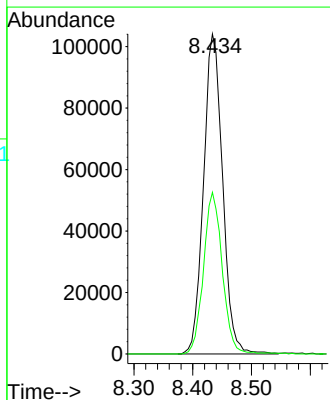
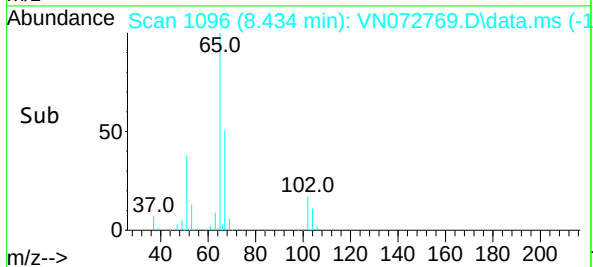
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

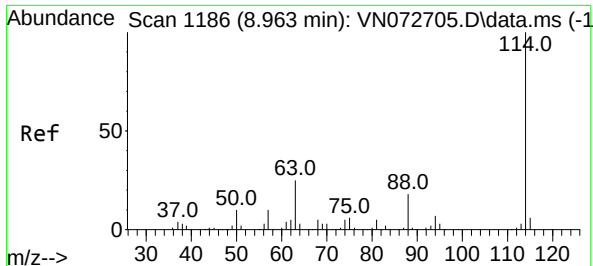


#33
1,2-Dichloroethane-d4
Concen: 54.715 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59



Tgt Ion: 65 Resp: 234971
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072769.D

Acq: 10 Jun 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4RE

Tgt Ion:114 Resp: 309308

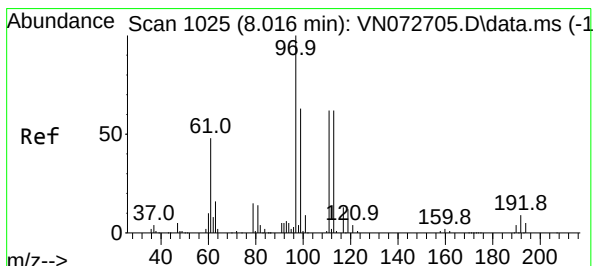
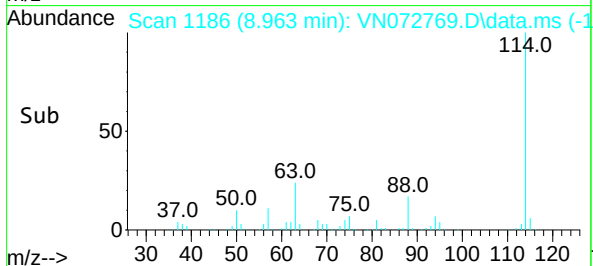
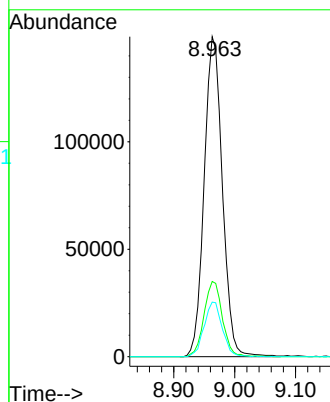
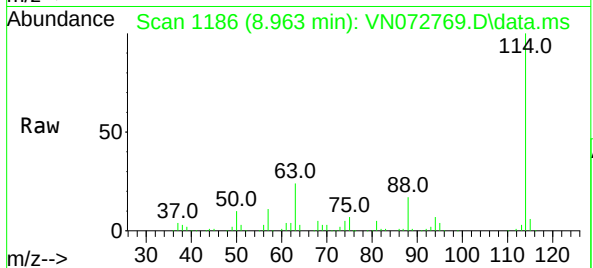
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	40.0
88	17.1	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 06/13/2022



#35

Dibromofluoromethane

Concen: 56.487 ug/l

RT: 8.022 min Scan# 1026

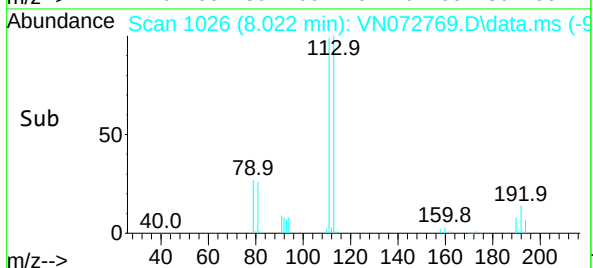
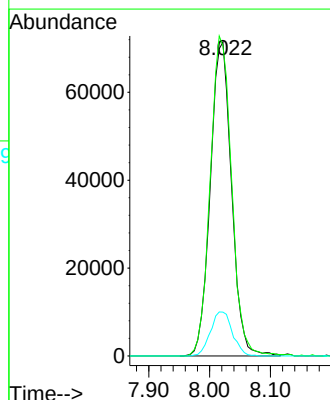
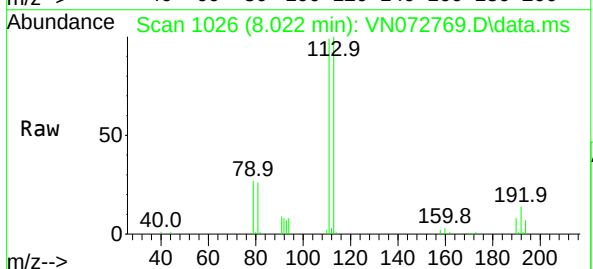
Delta R.T. 0.006 min

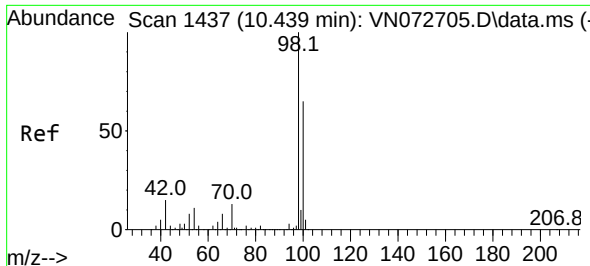
Lab File: VN072769.D

Acq: 10 Jun 2022 16:59

Tgt Ion:113 Resp: 172881

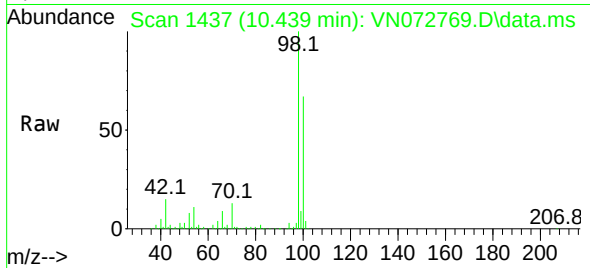
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.4	122.0
192	14.5	17.0	25.6





#50
Toluene-d8
Concen: 45.368 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

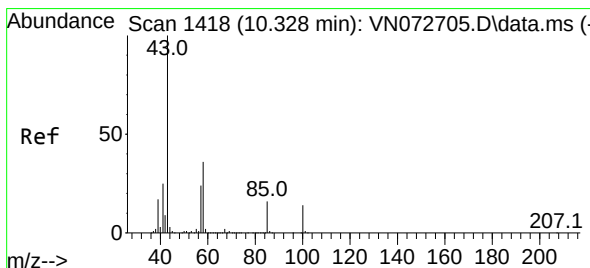
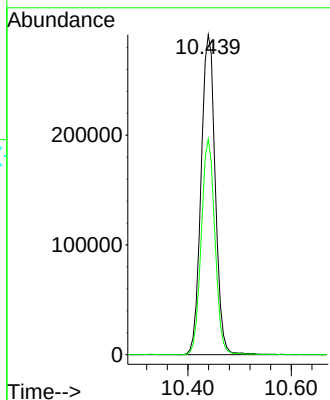
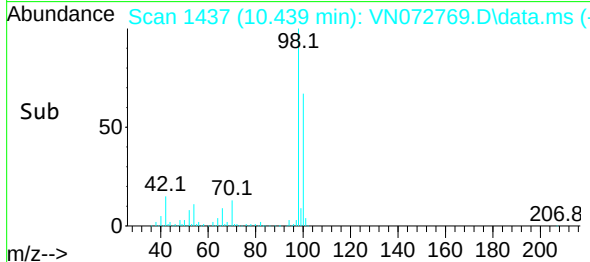
Instrument :
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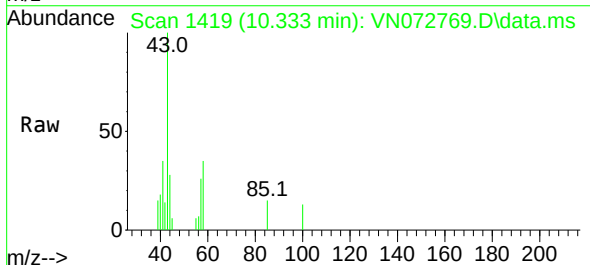
Tgt Ion: 98 Resp: 553984
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

Manual Integrations
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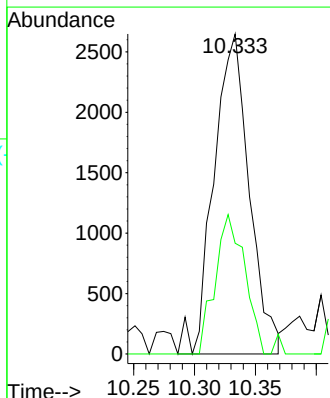
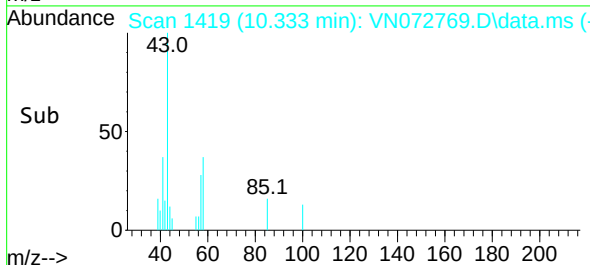
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

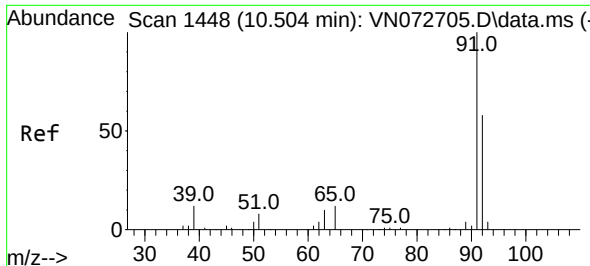


#51
4-Methyl-2-Pentanone
Concen: 0.802 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.005 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59



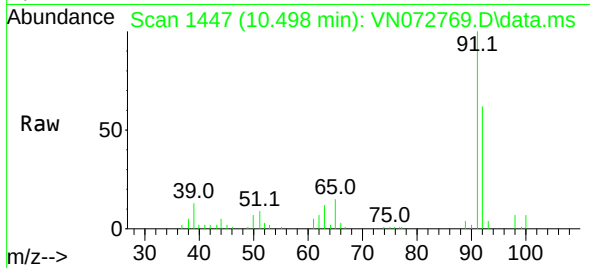
Tgt Ion: 43 Resp: 5370
Ion Ratio Lower Upper
43 100
58 36.3 34.1 51.1





#52
Toluene
Concen: 2.827 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

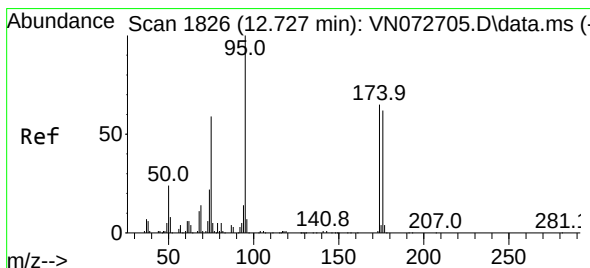
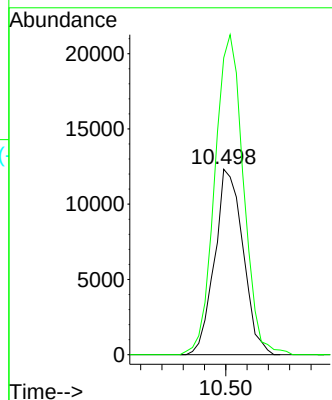
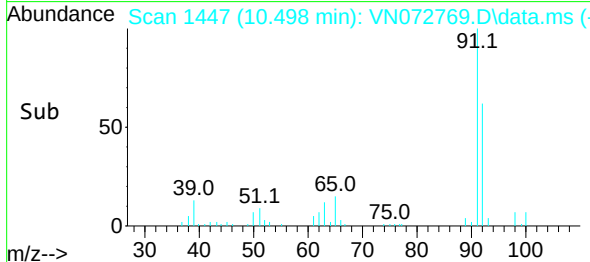
Instrument :
MSVOA_N
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21ST-CASING-4RE



Tgt Ion: 92 Resp: 2275
Ion Ratio Lower Upper
92 100
91 174.6 138.6 207.8

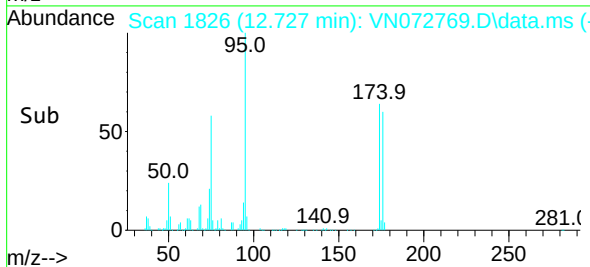
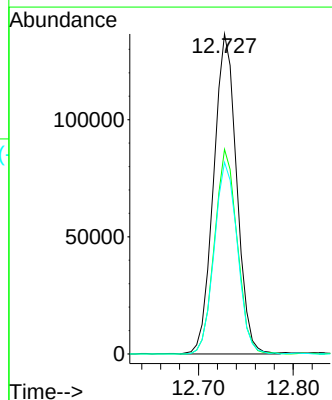
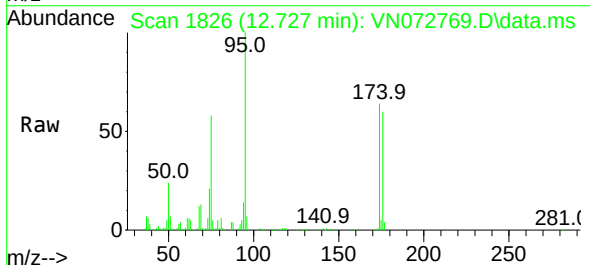
Manual Integrations
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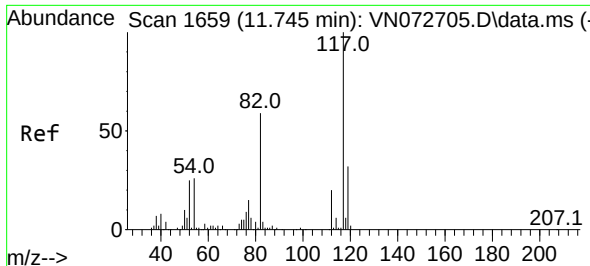
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#62
4-Bromofluorobenzene
Concen: 55.160 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

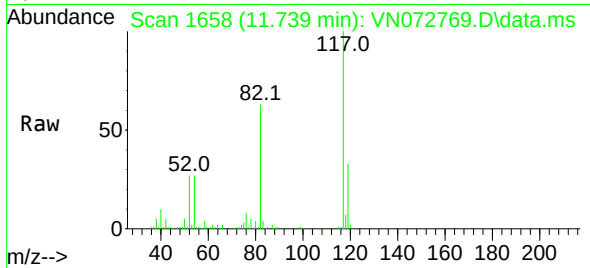
Tgt Ion: 95 Resp: 231130
Ion Ratio Lower Upper
95 100
174 62.8 0.0 167.6
176 60.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

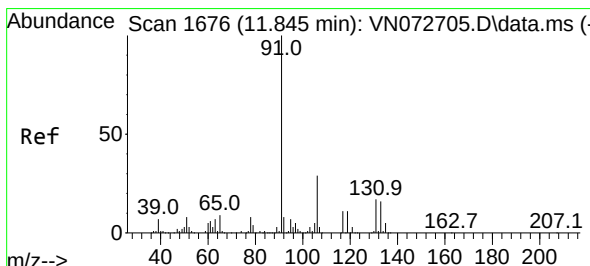
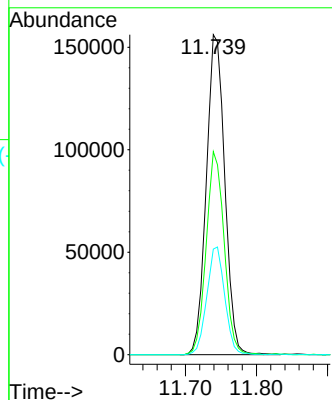
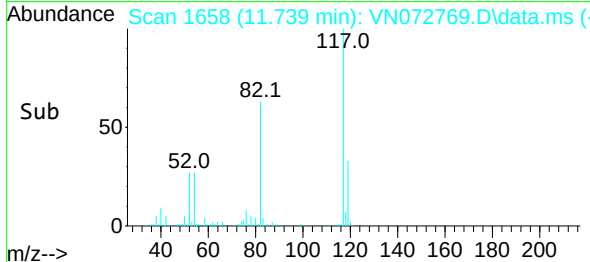
Instrument :
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21ST-CASING-4RE



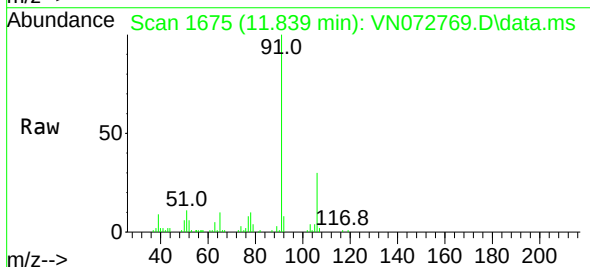
Tgt Ion:117 Resp: 282499
Ion Ratio Lower Upper
117 100
82 63.5 44.2 66.2
119 33.0 25.4 38.0

Manual Integrations
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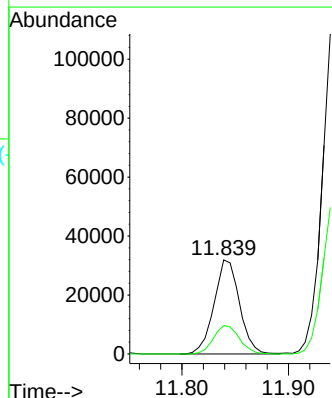
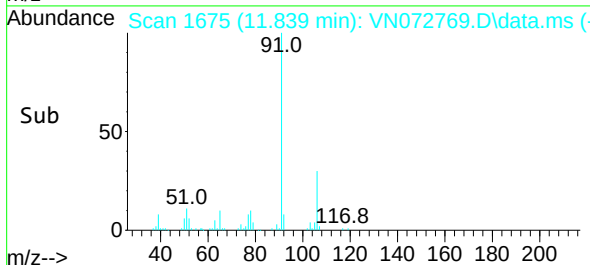
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

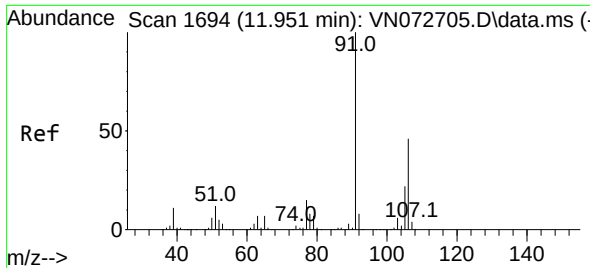


#67
Ethyl Benzene
Concen: 3.735 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59



Tgt Ion: 91 Resp: 52868
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3





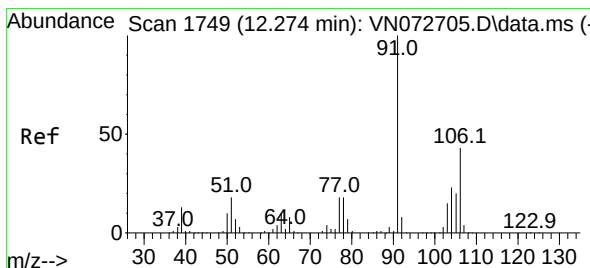
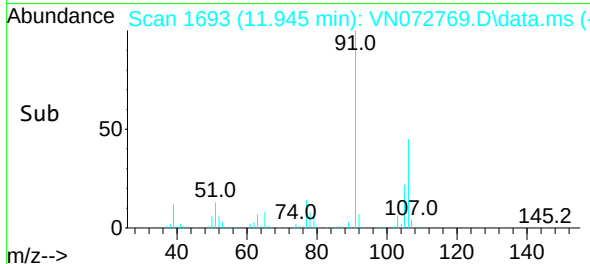
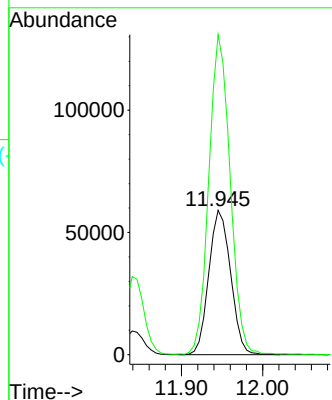
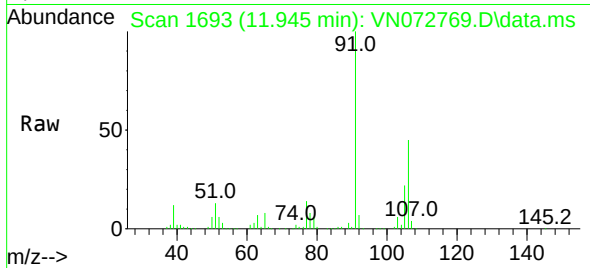
#68
m/p-Xylenes
Concen: 21.899 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4RE

Tgt Ion:106 Resp: 11015
Ion Ratio Lower Upper
106 100
91 215.7 158.9 238.3

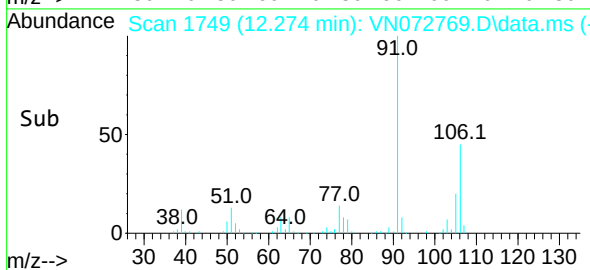
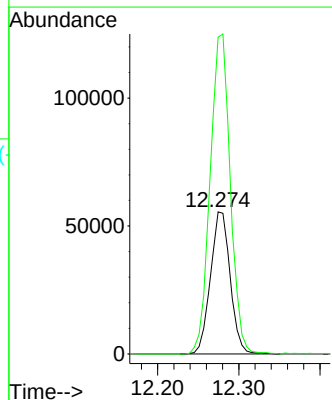
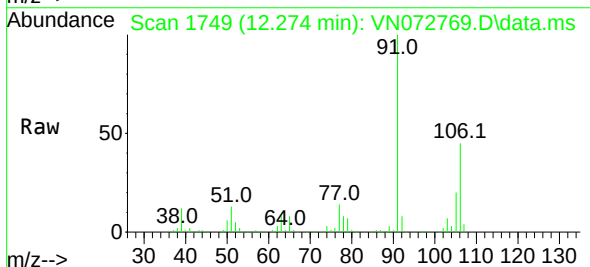
Manual Integrations
APPROVED

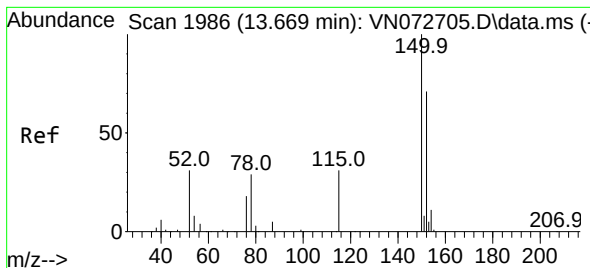
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022



#69
o-Xylene
Concen: 18.527 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

Tgt Ion:106 Resp: 93678
Ion Ratio Lower Upper
106 100
91 230.1 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072769.D

Acq: 10 Jun 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4RE

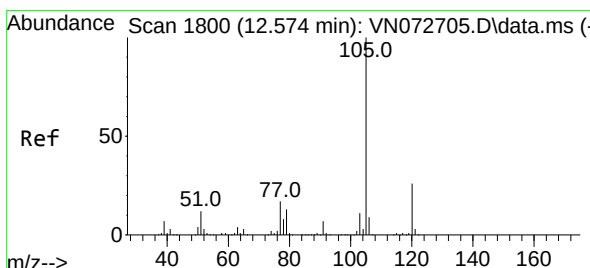
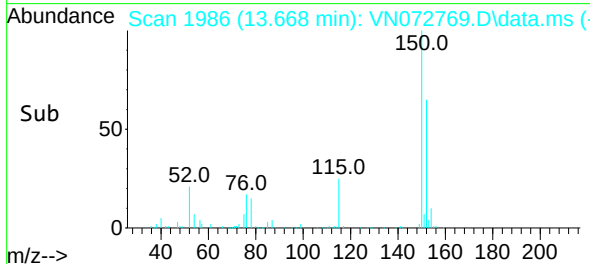
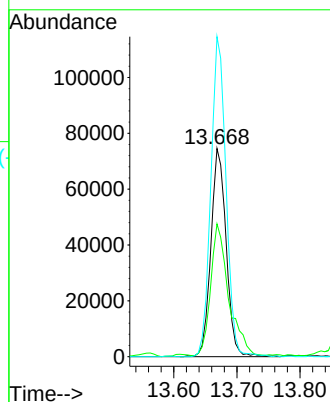
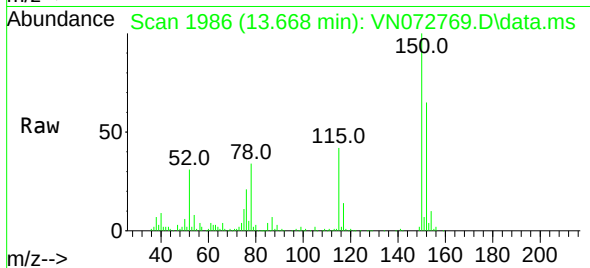
Tgt Ion:	152	Resp:	12535
Ion Ratio	Lower	Upper	
152	100		
115	74.6	28.9	86.7
150	152.5	0.0	356.2

Manual Integrations

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Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#73

Isopropylbenzene

Concen: 1.145 ug/l

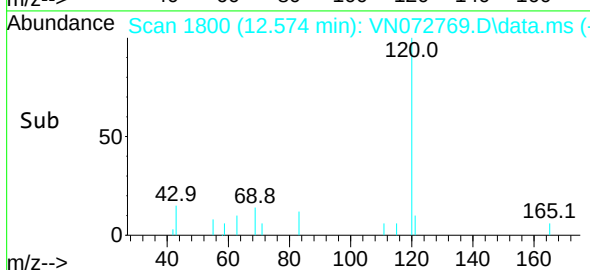
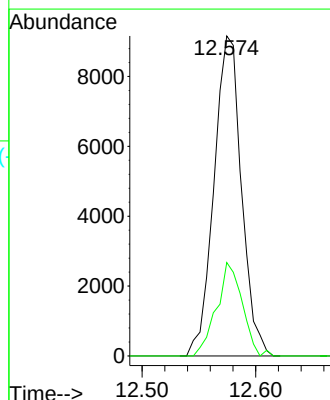
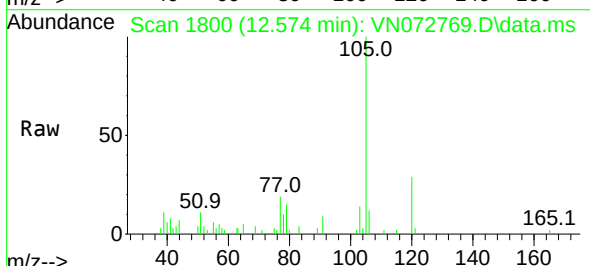
RT: 12.574 min Scan# 1800

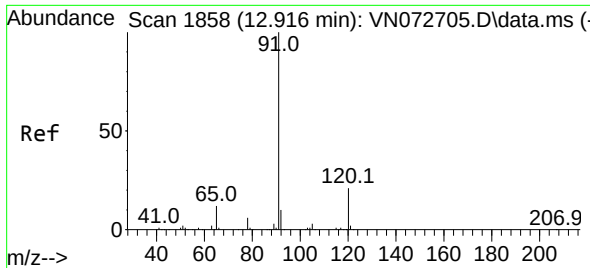
Delta R.T. 0.000 min

Lab File: VN072769.D

Acq: 10 Jun 2022 16:59

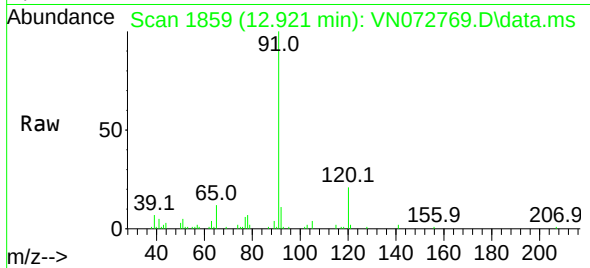
Tgt Ion:	105	Resp:	15391
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.5	40.4





#78
n-propylbenzene
Concen: 3.414 ug/l
RT: 12.921 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

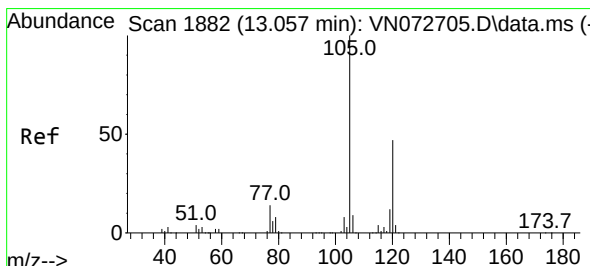
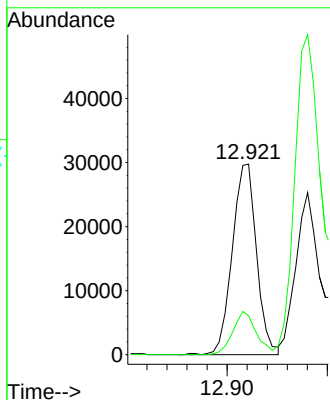
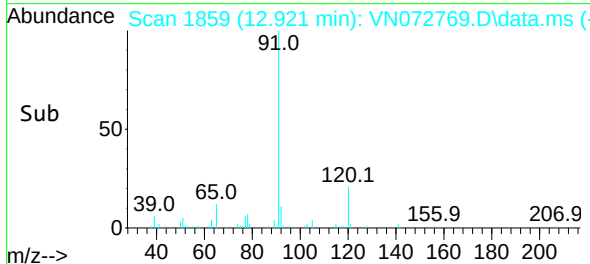
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4RE



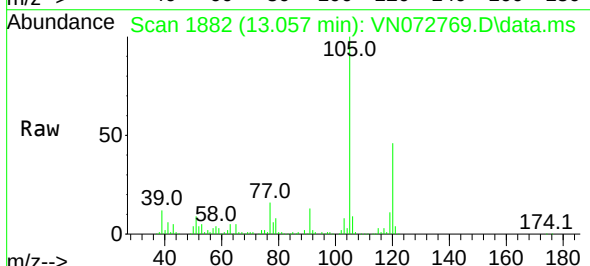
Tgt Ion: 91 Resp: 5012
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.5

Manual Integrations
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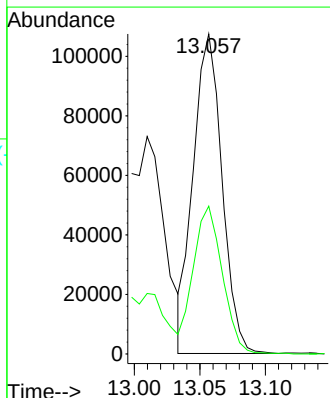
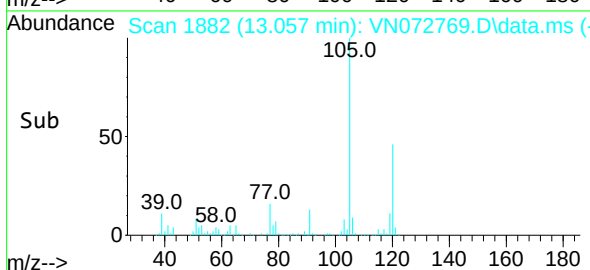
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

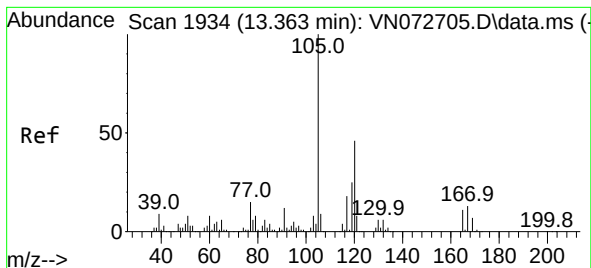


#80
1,3,5-Trimethylbenzene
Concen: 15.397 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59



Tgt Ion:105 Resp: 164043
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 69.995 ug/l

RT: 13.363 min Scan# 1934

Delta R.T. -0.000 min

Lab File: VN072769.D

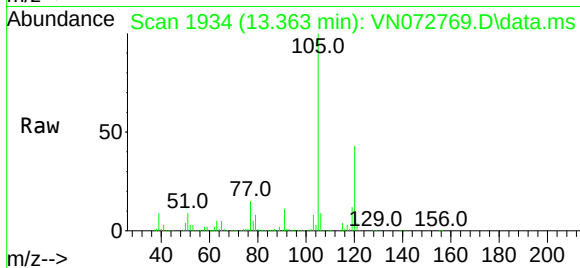
Acq: 10 Jun 2022 16:59

Instrument :

MSVOA_N

ClientSampleId :

21ST-CASING-4RE



Tgt Ion:105 Resp: 71354

Ion Ratio Lower Upper

105 100

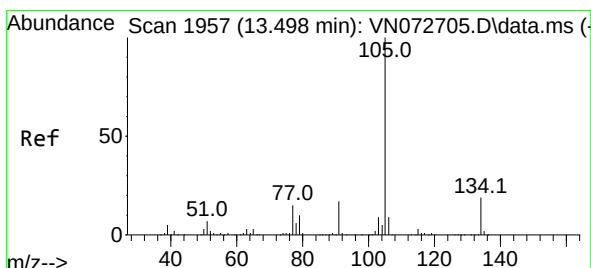
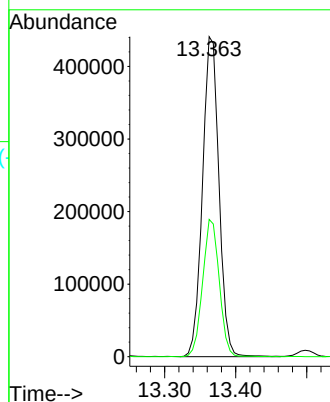
120 43.2 23.3 69.8

Manual Integrations

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Reviewed By :John Carlone 06/11/2022

Supervised By :Mahesh Dadoda 06/13/2022



#85

sec-Butylbenzene

Concen: 1.156 ug/l m

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072769.D

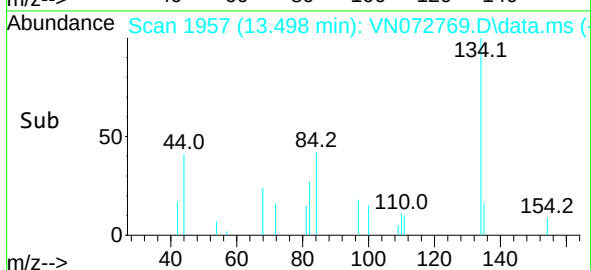
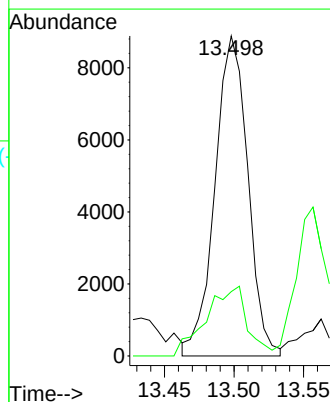
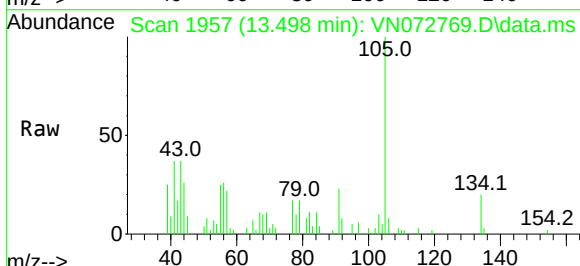
Acq: 10 Jun 2022 16:59

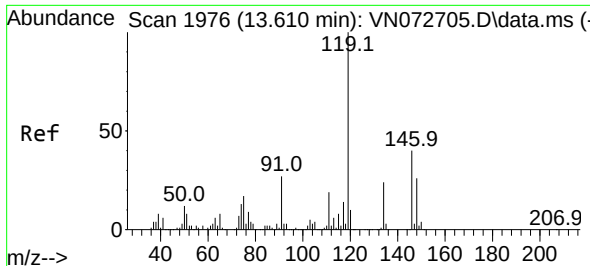
Tgt Ion:105 Resp: 14599

Ion Ratio Lower Upper

105 100

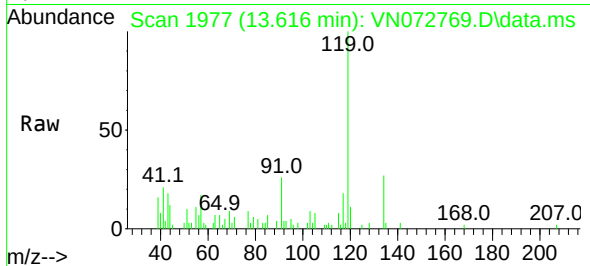
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 1.414 ug/l
RT: 13.616 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

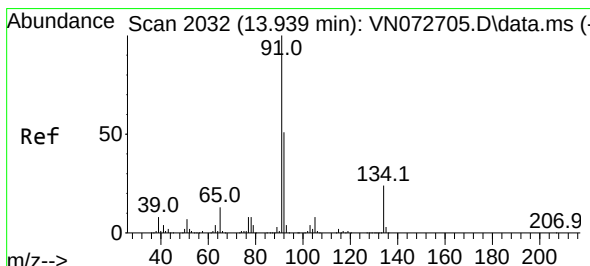
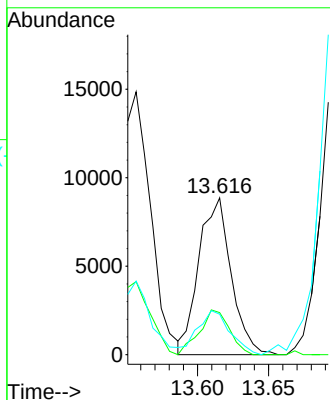
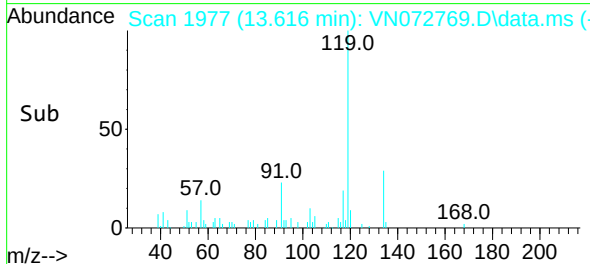
Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4RE



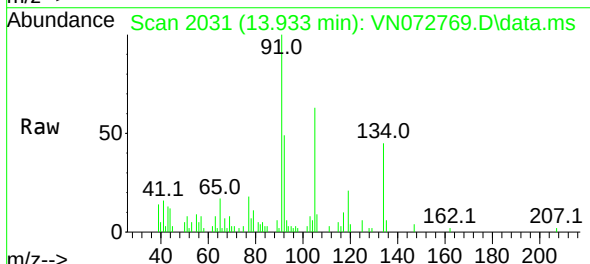
Tgt Ion: 119 Resp: 1404
Ion Ratio Lower Upper
119 100
134 26.5 13.3 39.8
91 28.4 11.3 33.9

Manual Integrations
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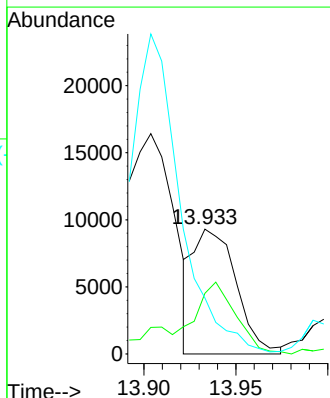
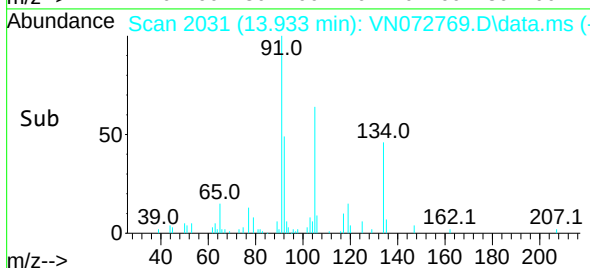
Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

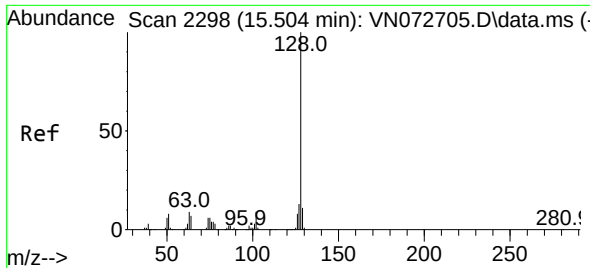


#89
n-Butylbenzene
Concen: 1.816 ug/l m
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59



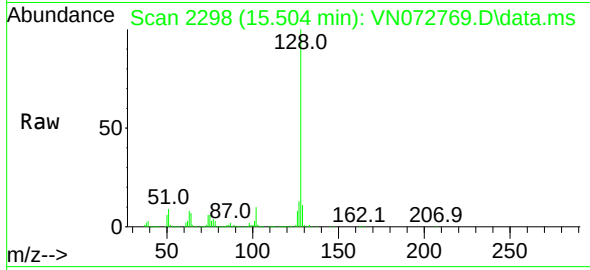
Tgt Ion: 91 Resp: 15194
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 98.717 ug/l
RT: 15.504 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072769.D
Acq: 10 Jun 2022 16:59

Instrument :
MSVOA_N
ClientSampleId :
21ST-CASING-4RE



Tgt Ion:128 Resp: 81308
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/11/2022
Supervised By :Mahesh Dadoda 06/13/2022

