

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112122\
 Data File : VN075352.D
 Acq On : 21 Nov 2022 19:30
 Operator : JC\MD
 Sample : N5557-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Nov 23 00:26:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/23/2022

Supervised By :Mahesh
 Dadoda
 11/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	139896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	246571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	222917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	110516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	43636	58.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.220%			
35) Dibromofluoromethane	8.171	113	51752	53.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.860%			
50) Toluene-d8	10.565	98	118406	54.275	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.560%			
62) 4-Bromofluorobenzene	12.847	95	89689	55.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.400%			
Target Compounds					Qvalue	
6) Chloroethane	3.124	64	7402	5.823	ug/l	95
16) Acetone	4.436	43	66614	95.102	ug/l	96
25) 2-Butanone	7.494	43	5187	5.304	ug/l #	80
31) Cyclohexane	8.230	56	5918m	2.480	ug/l	
39) Methylcyclohexane	9.606	83	5037	1.905	ug/l	93
40) Benzene	8.606	78	159771	24.704	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	14468	7.441	ug/l	99
52) Toluene	10.629	92	2280	0.547	ug/l	87
67) Ethyl Benzene	11.965	91	506203	64.451	ug/l	98
69) o-Xylene	12.400	106	3909	1.234	ug/l	89
73) Isopropylbenzene	12.694	105	104760	12.975	ug/l	96
78) n-propylbenzene	13.035	91	137692	15.281	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	12849	1.910	ug/l	100
85) sec-Butylbenzene	13.617	105	65805	7.929	ug/l	94
86) p-Isopropyltoluene	13.729	119	15339	2.197	ug/l	96
89) n-Butylbenzene	14.059	91	20321	3.446	ug/l #	80

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

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ALS Vial : 20 Sample Multiplier: 1

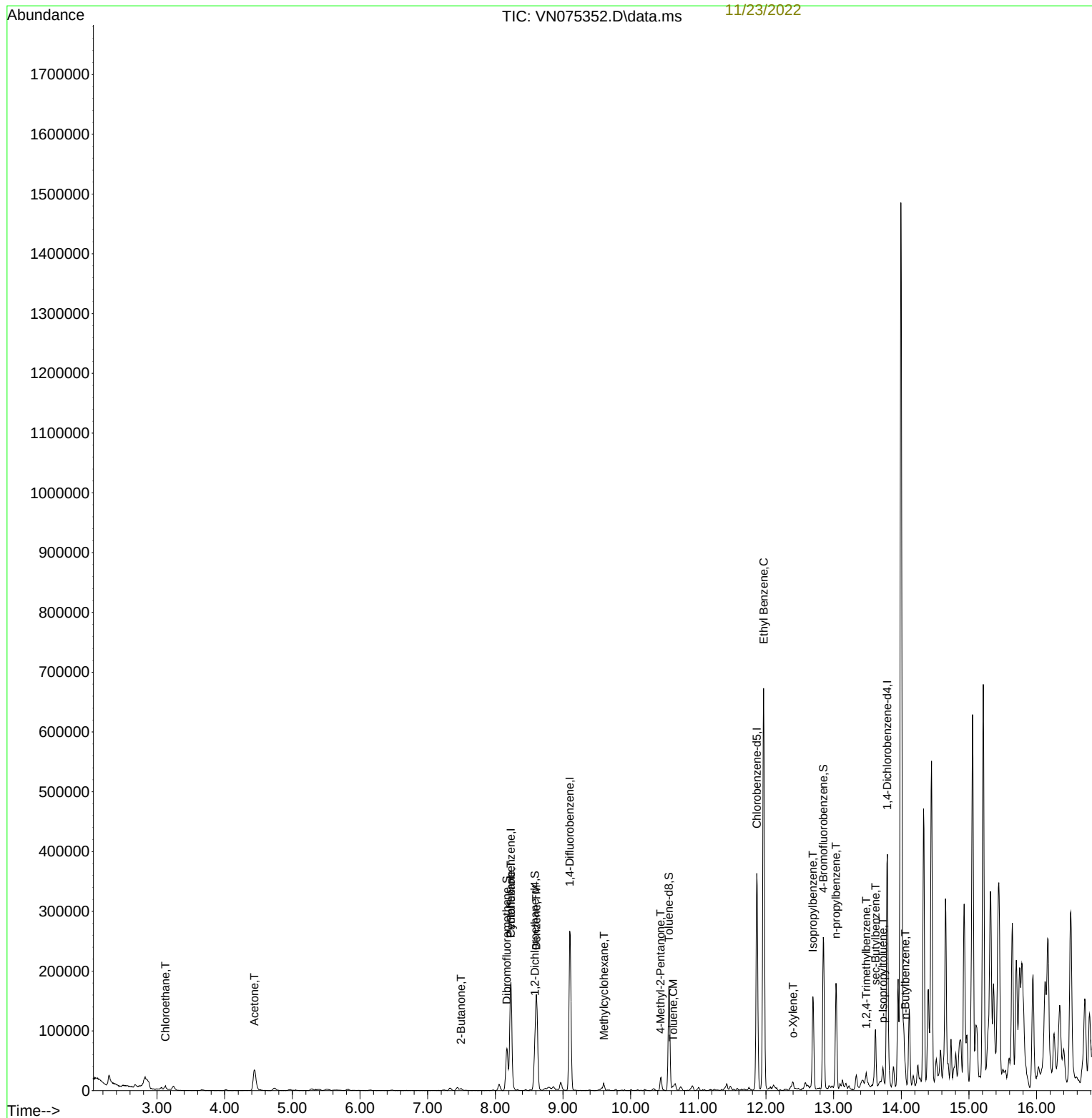
Instrument :
MSVOA_N
ClientSampleId :
MW-14

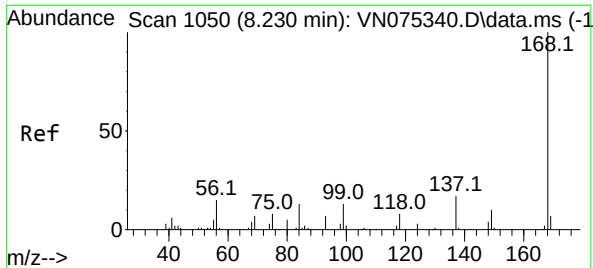
Quant Time: Nov 23 00:26:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
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Supervised By :Mahesh Dadoda 11/23/2022

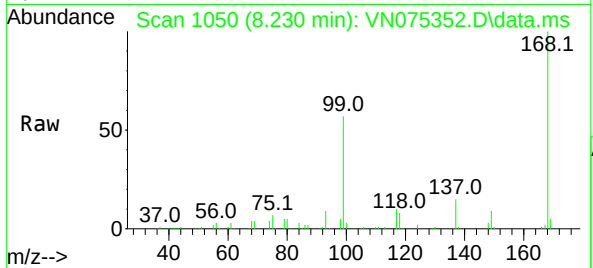
Supervised By :Mahesh
Dadoda
11/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

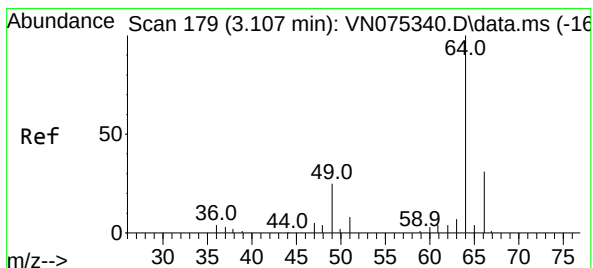
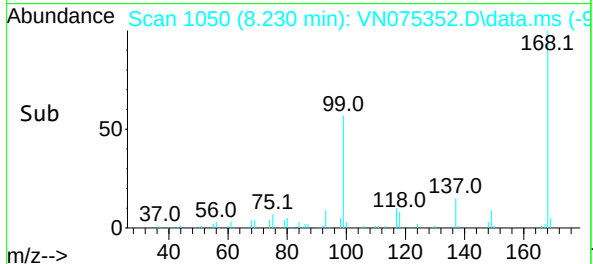
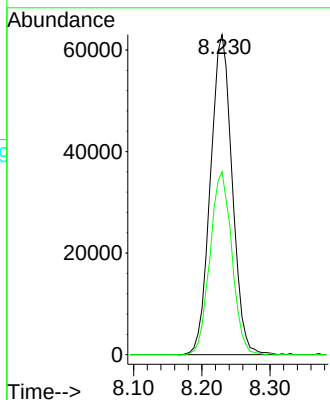


Tgt Ion:168 Resp: 139890
Ion Ratio Lower Upper
168 100
99 57.1 51.6 77.4

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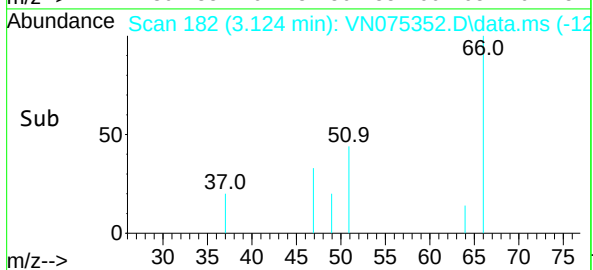
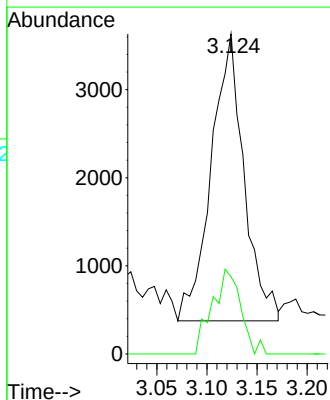
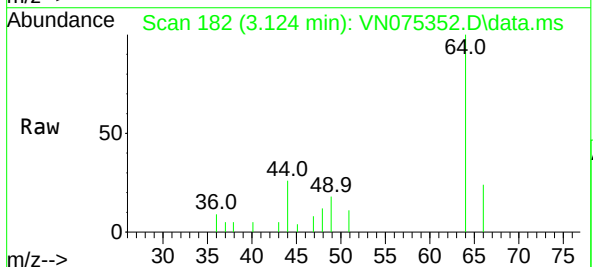
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

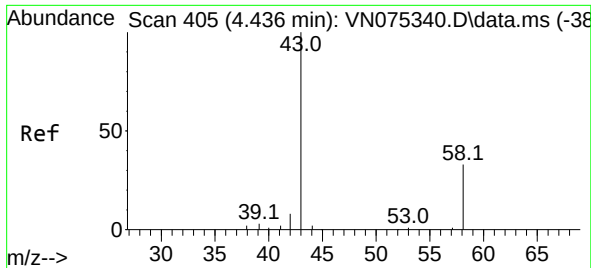
Supervised By :Mahesh
Dadoda
11/23/2022



#6
Chloroethane
Concen: 5.823 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.017 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

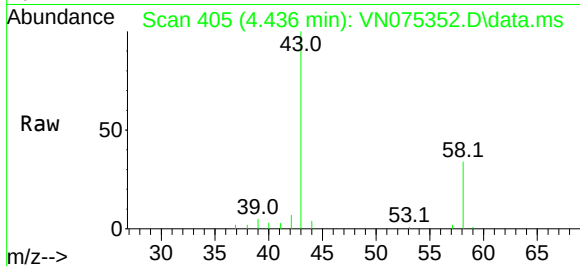
Tgt Ion: 64 Resp: 7402
Ion Ratio Lower Upper
64 100
66 27.0 23.8 35.8





#16
Acetone
Concen: 95.102 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
Client SampleId :
MW-14

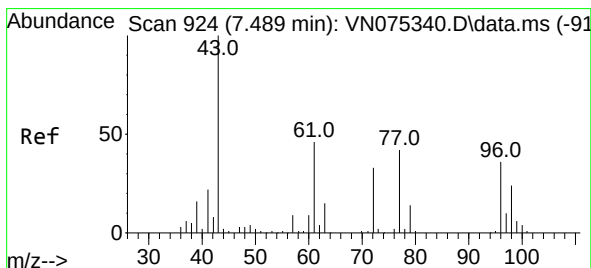
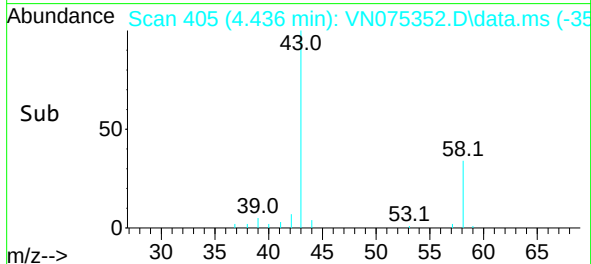
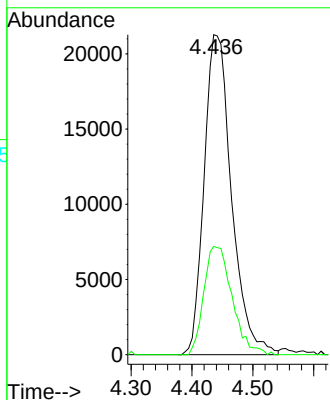


Tgt Ion: 43 Resp: 66614
Ion Ratio Lower Upper
43 100
58 33.9 25.5 38.3

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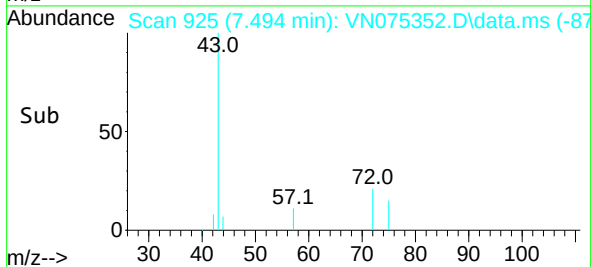
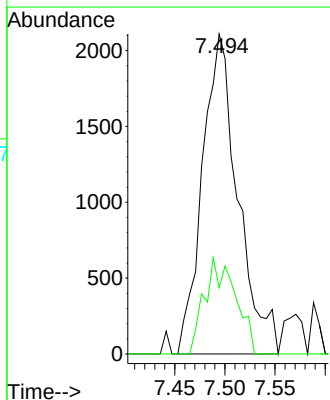
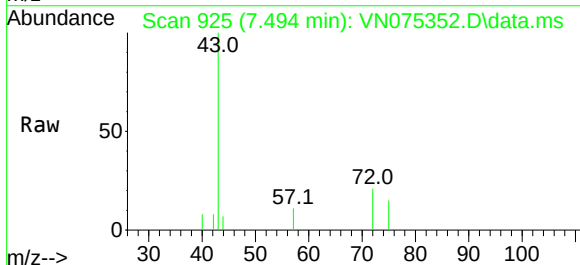
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

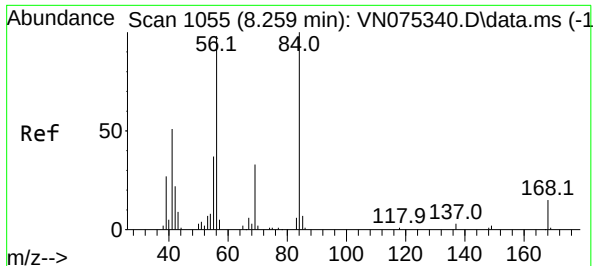
Supervised By :Mahesh
Dadoda
11/23/2022



#25
2-Butanone
Concen: 5.304 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

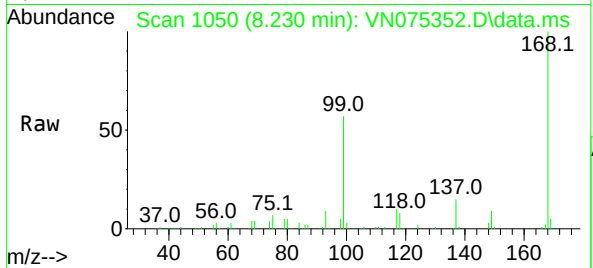
Tgt Ion: 43 Resp: 5187
Ion Ratio Lower Upper
43 100
72 20.7 25.5 38.3#





#31
Cyclohexane
Concen: 2.480 ug/l m
RT: 8.230 min Scan# 1055
Delta R.T. -0.029 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

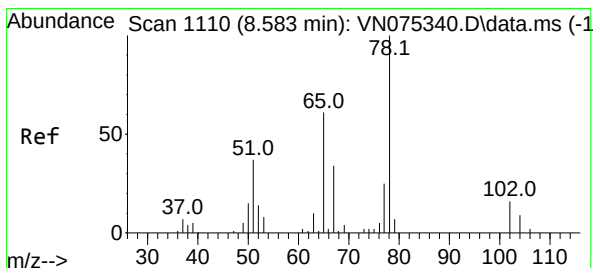
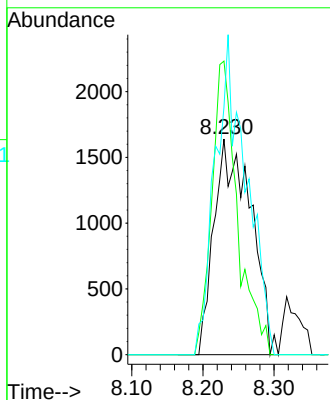
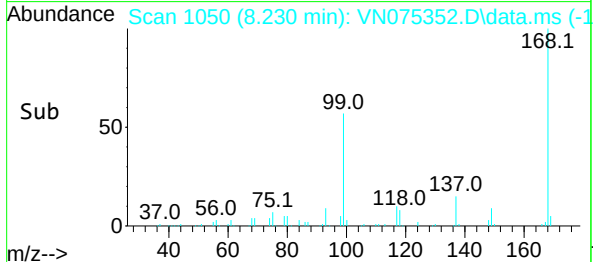


Tgt Ion: 56 Resp: 5918
Ion Ratio Lower Upper
56 100
69 136.1 25.2 37.8
84 114.7 77.8 116.8

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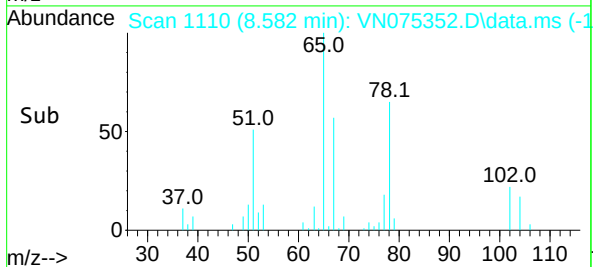
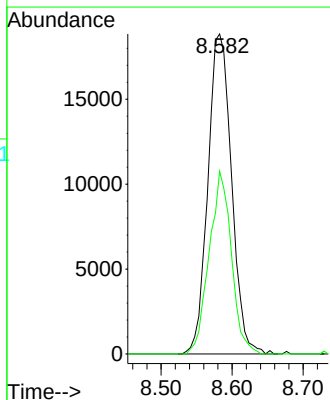
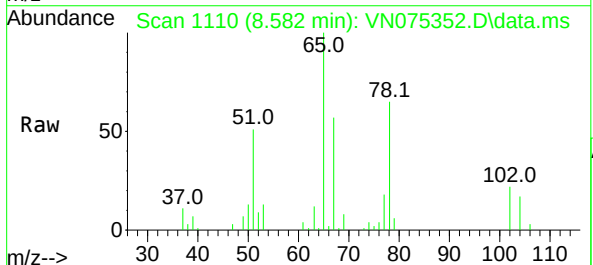
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

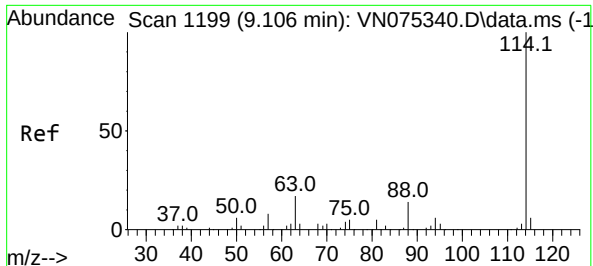
Supervised By :Mahesh
Dadoda
11/23/2022



#33
1,2-Dichloroethane-d4
Concen: 58.108 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.001 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Tgt Ion: 65 Resp: 43636
Ion Ratio Lower Upper
65 100
67 53.5 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN075352.D

Acq: 21 Nov 2022 19:30

Instrument :

MSVOA_N

ClientSampleId :

MW-14

Tgt Ion:114 Resp: 24657

Ion	Ratio	Lower	Upper
114	100		
63	16.9	0.0	39.6
88	14.5	0.0	29.0

Manual Integrations

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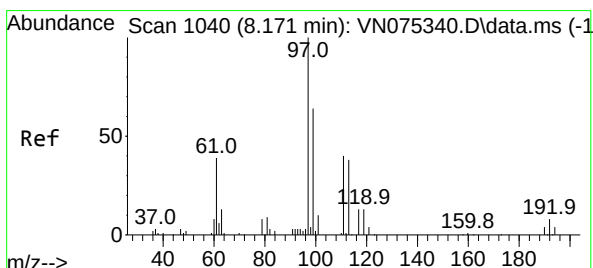
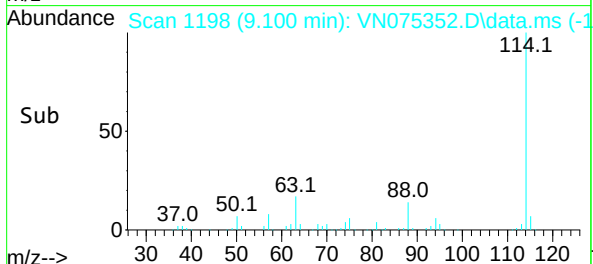
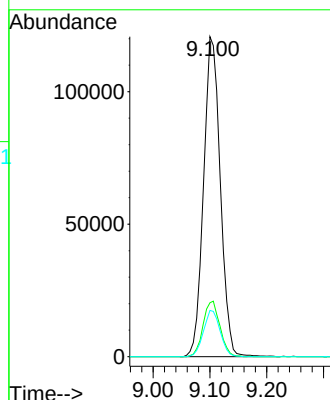
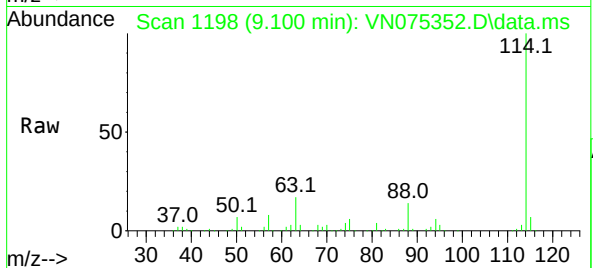
Reviewed By :Krupa Patel 11/23/2022

Supervised By :Mahesh Dadoda 11/23/2022

Supervised By :Mahesh

Dadoda

11/23/2022



#35

Dibromofluoromethane

Concen: 53.429 ug/l

RT: 8.171 min Scan# 1040

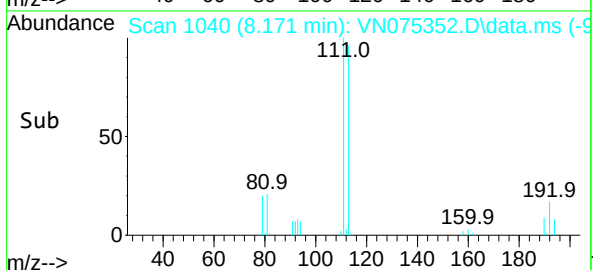
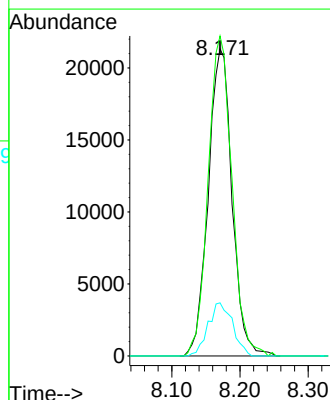
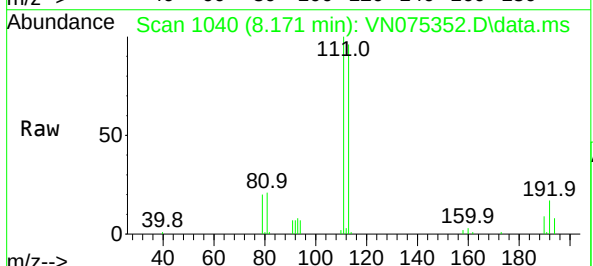
Delta R.T. -0.000 min

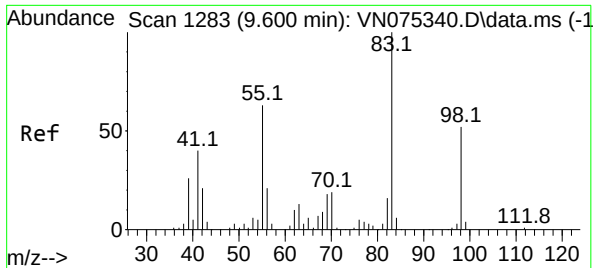
Lab File: VN075352.D

Acq: 21 Nov 2022 19:30

Tgt Ion:113 Resp: 51752

Ion	Ratio	Lower	Upper
113	100		
111	104.2	80.5	120.7
192	17.8	13.2	19.8





#39

Methylcyclohexane

Concen: 1.905 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN075352.D

Acq: 21 Nov 2022 19:30

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 83	Resp: 503
Ion Ratio	Lower Upper
83 100	
55 58.8	53.6 80.4
98 52.9	41.1 61.7

Manual Integrations

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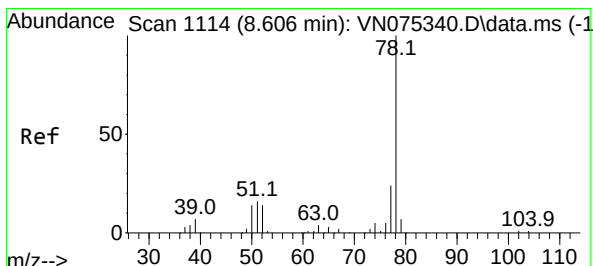
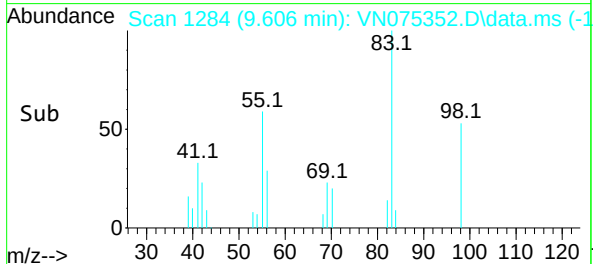
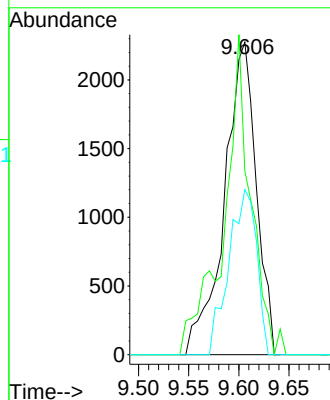
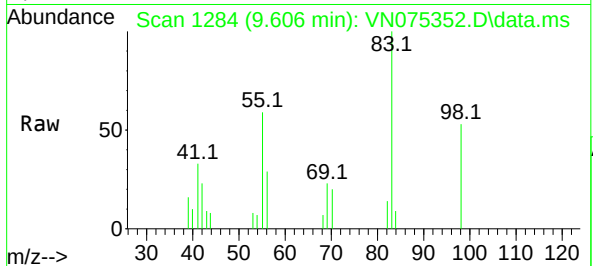
Reviewed By :Krupa Patel 11/23/2022

Supervised By :Mahesh Dadoda 11/23/2022

Supervised By :Mahesh

Dadoda

11/23/2022



#40

Benzene

Concen: 24.704 ug/l

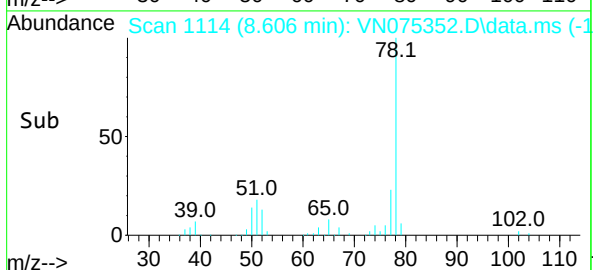
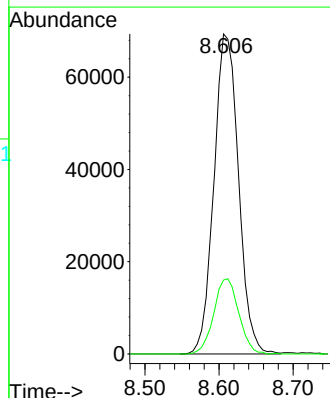
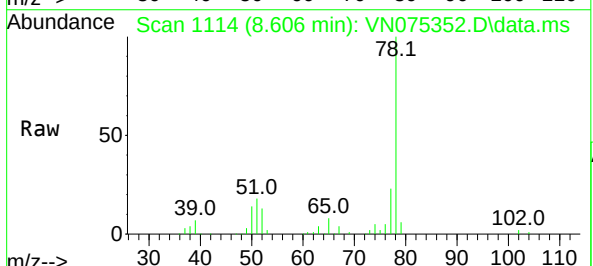
RT: 8.606 min Scan# 1114

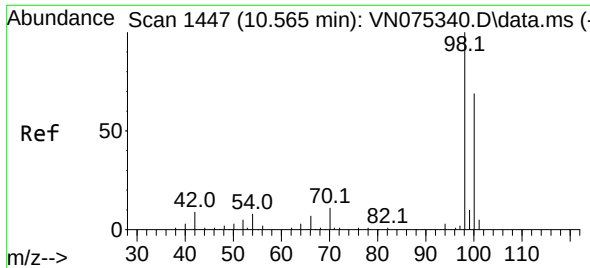
Delta R.T. -0.000 min

Lab File: VN075352.D

Acq: 21 Nov 2022 19:30

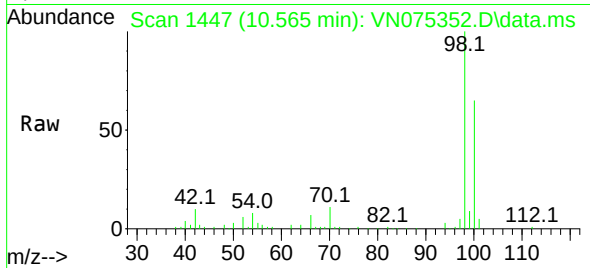
Tgt Ion: 78	Resp: 159771
Ion Ratio	Lower Upper
78 100	
77 23.1	19.4 29.0





#50
Toluene-d8
Concen: 54.275 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
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ClientSampleId :
MW-14

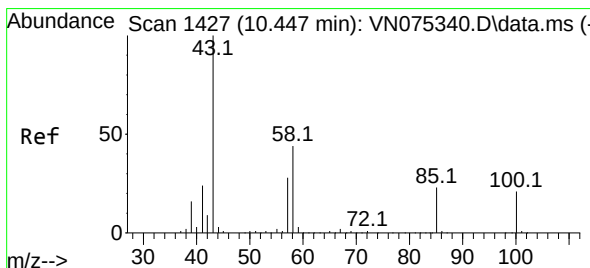
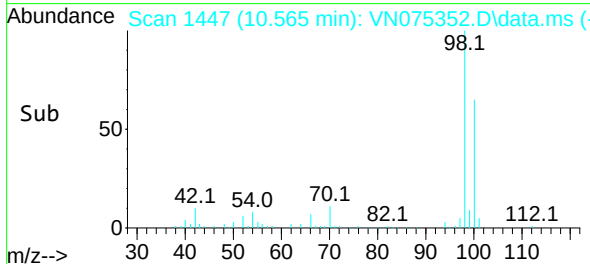
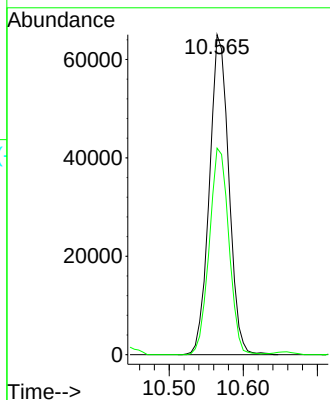


Tgt Ion: 98 Resp: 118400
Ion Ratio Lower Upper
98 100
100 65.0 53.0 79.6

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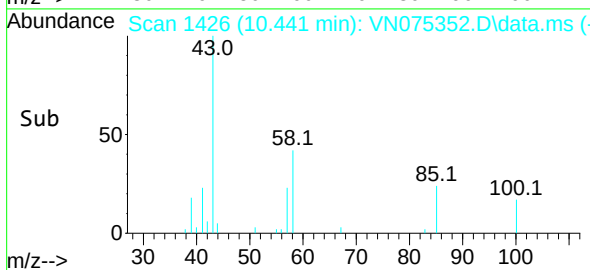
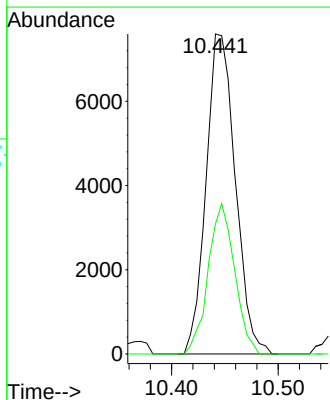
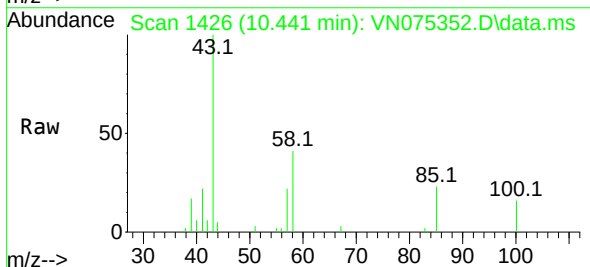
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

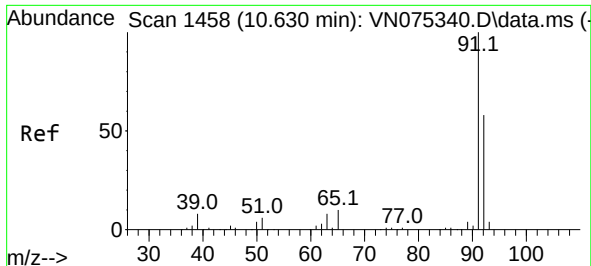
Supervised By :Mahesh
Dadoda
11/23/2022



#51
4-Methyl-2-Pentanone
Concen: 7.441 ug/l
RT: 10.441 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

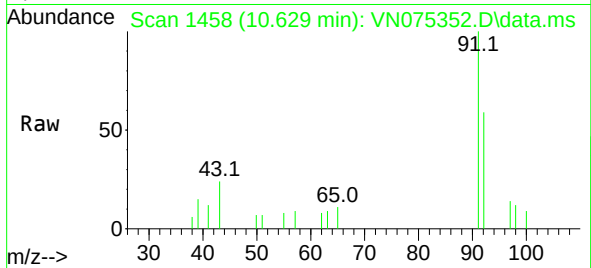
Tgt Ion: 43 Resp: 14468
Ion Ratio Lower Upper
43 100
58 42.5 33.6 50.4





#52
Toluene
Concen: 0.547 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

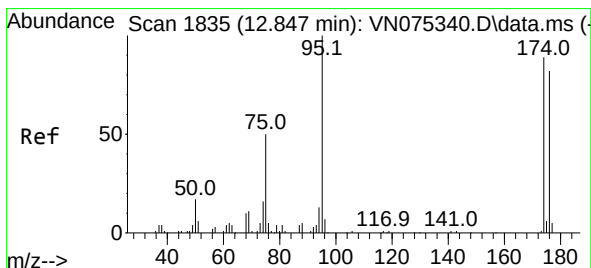
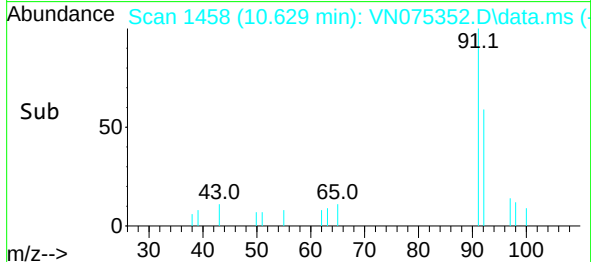
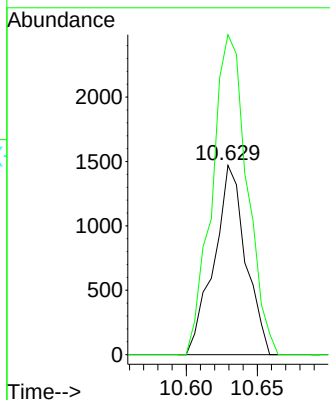


Tgt Ion: 92 Resp: 2280
Ion Ratio Lower Upper
92 100
91 187.5 135.4 203.2

Manual Integrations
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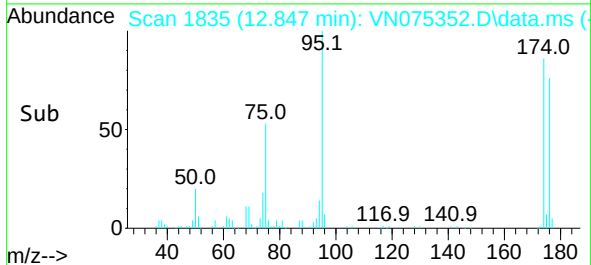
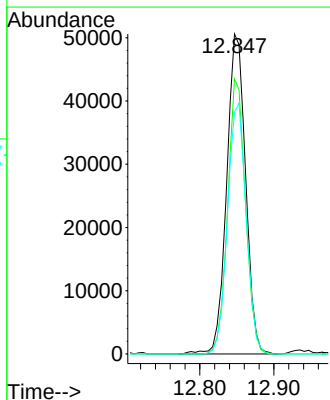
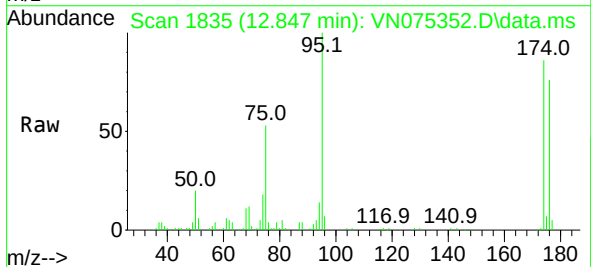
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

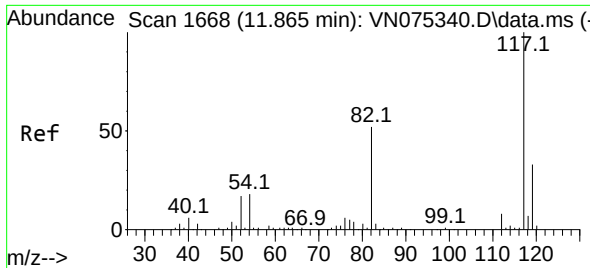
Supervised By :Mahesh
Dadoda
11/23/2022



#62
4-Bromofluorobenzene
Concen: 55.699 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

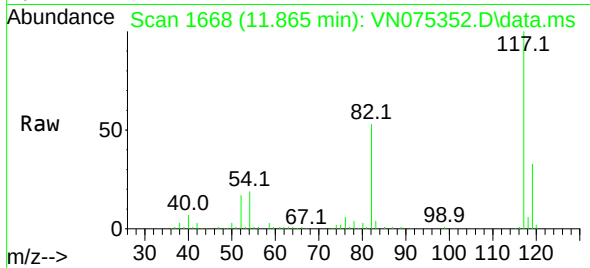
Tgt Ion: 95 Resp: 89689
Ion Ratio Lower Upper
95 100
174 81.1 0.0 147.4
176 77.1 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

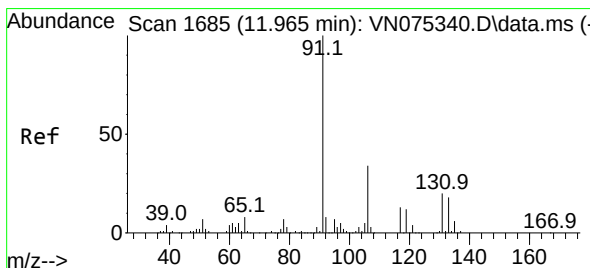
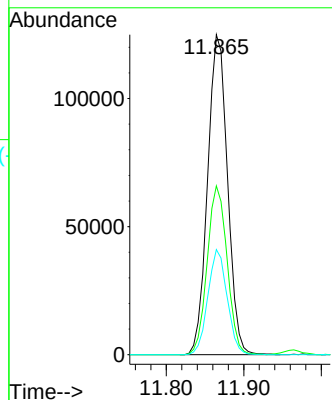


Tgt Ion:117 Resp: 22291
Ion Ratio Lower Upper
117 100
82 52.8 43.1 64.7
119 32.8 25.5 38.3

Manual Integrations
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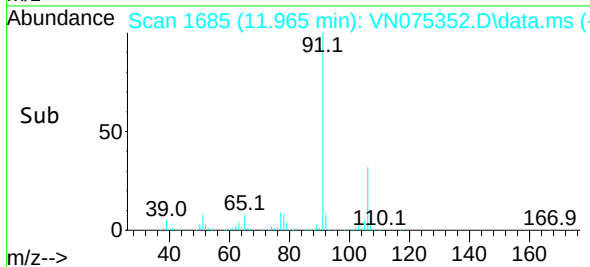
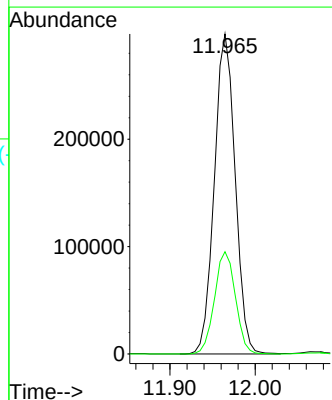
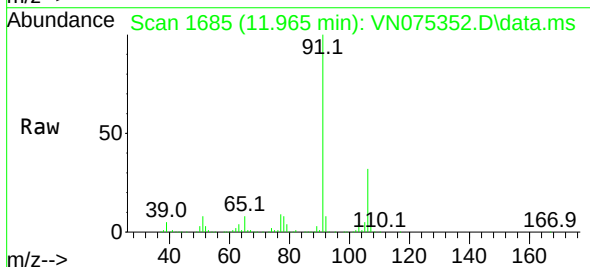
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

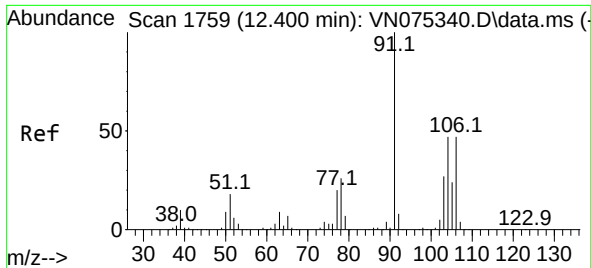
Supervised By :Mahesh
Dadoda
11/23/2022



#67
Ethyl Benzene
Concen: 64.451 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

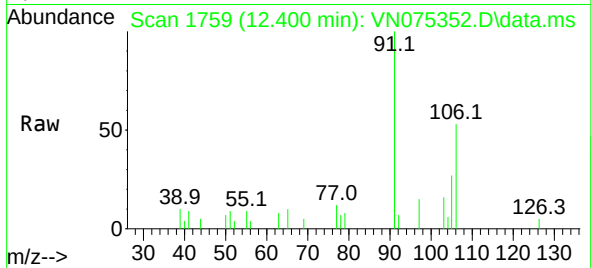
Tgt Ion: 91 Resp: 506203
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3





#69
o-Xylene
Concen: 1.234 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

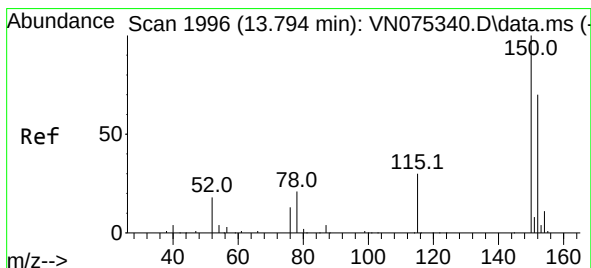
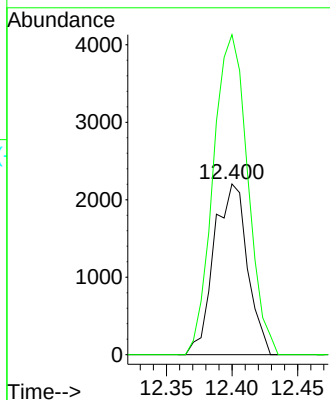


Tgt Ion:106 Resp: 3909
Ion Ratio Lower Upper
106 100
91 193.4 105.2 315.5

Manual Integrations
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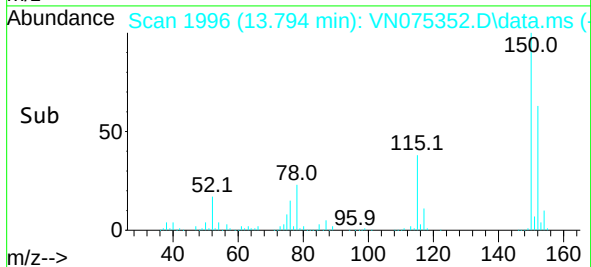
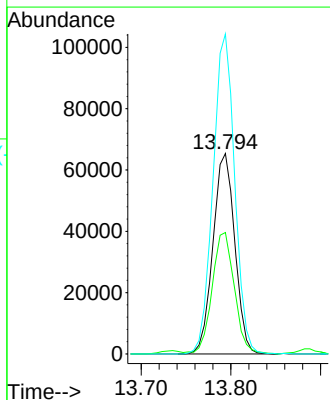
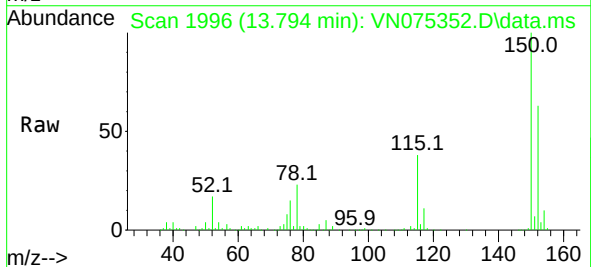
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

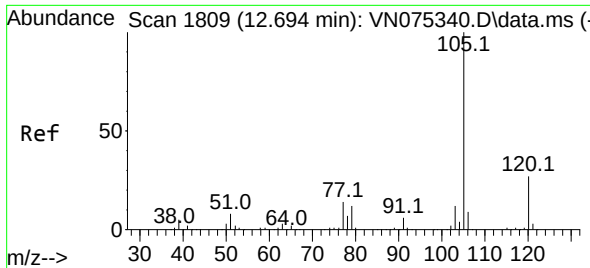
Supervised By :Mahesh
Dadoda
11/23/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

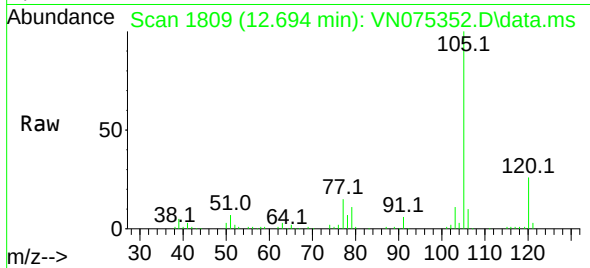
Tgt Ion:152 Resp: 110516
Ion Ratio Lower Upper
152 100
115 61.8 30.2 90.6
150 158.4 0.0 348.4





#73
Isopropylbenzene
Concen: 12.975 ug/l
RT: 12.694 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14

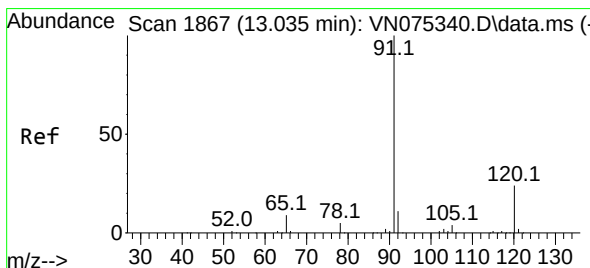
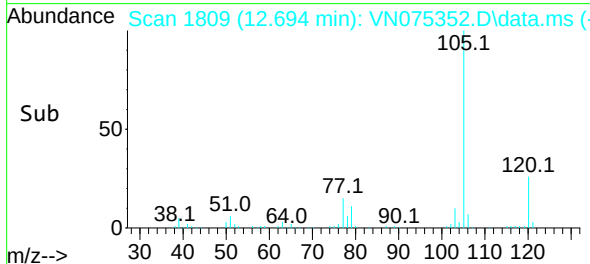
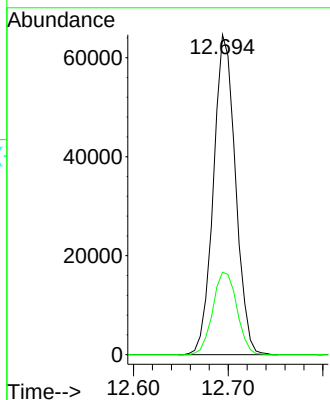


Tgt Ion:105 Resp: 104760
Ion Ratio Lower Upper
105 100
120 28.2 13.1 39.1

Manual Integrations
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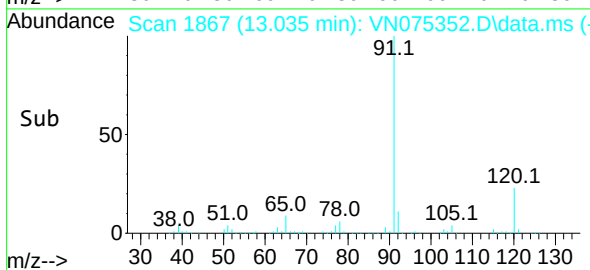
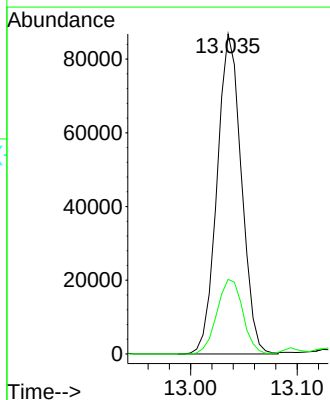
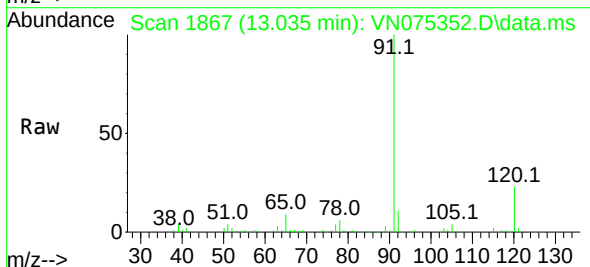
Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

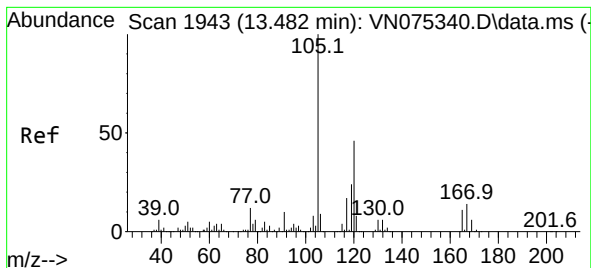
Supervised By :Mahesh
Dadoda
11/23/2022



#78
n-propylbenzene
Concen: 15.281 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Tgt Ion: 91 Resp: 137692
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 1.910 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. 0.000 min

Lab File: VN075352.D

Acq: 21 Nov 2022 19:30

Instrument :

MSVOA_N

ClientSampleId :

MW-14

Tgt Ion:105 Resp: 12849

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1

Manual Integrations

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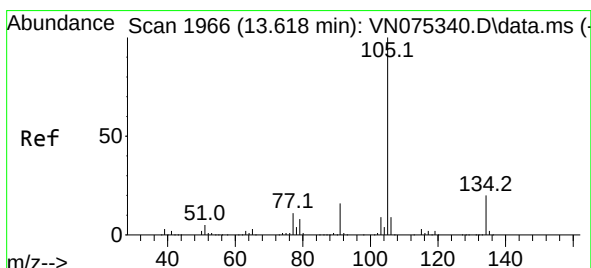
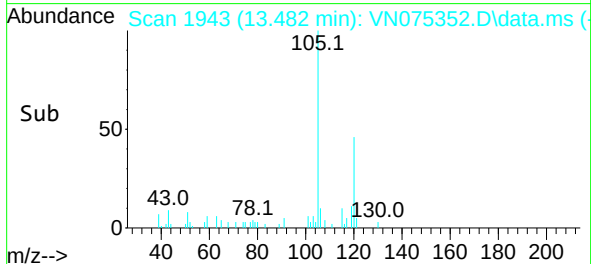
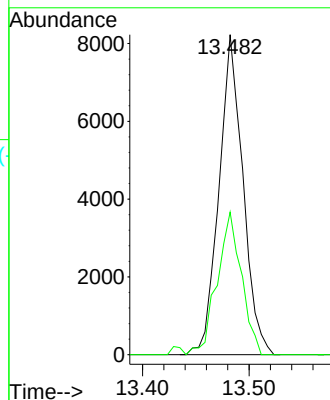
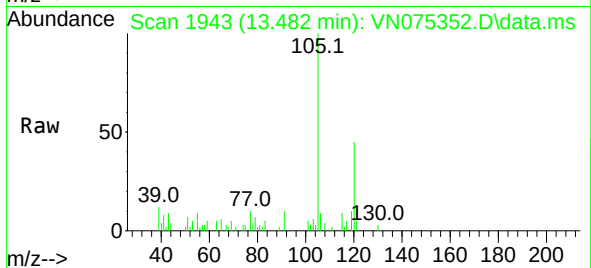
Reviewed By :Krupa Patel 11/23/2022

Supervised By :Mahesh Dadoda 11/23/2022

11/23/2022

Supervised By :Mahesh
Dadoda

11/23/2022



#85

sec-Butylbenzene

Concen: 7.929 ug/l

RT: 13.617 min Scan# 1966

Delta R.T. -0.001 min

Lab File: VN075352.D

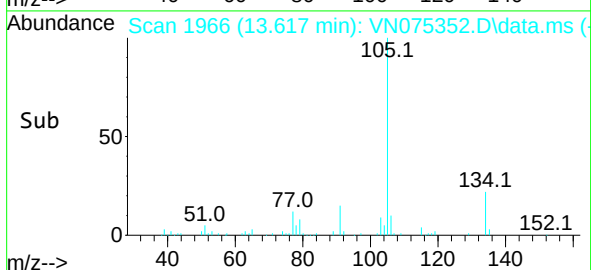
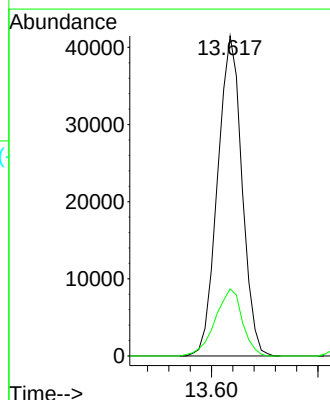
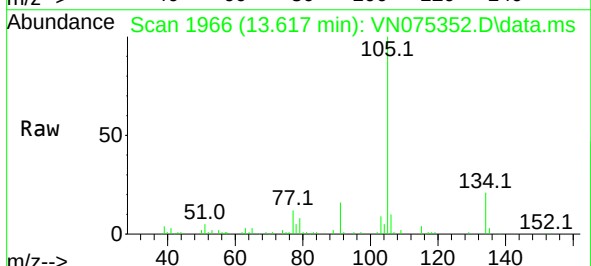
Acq: 21 Nov 2022 19:30

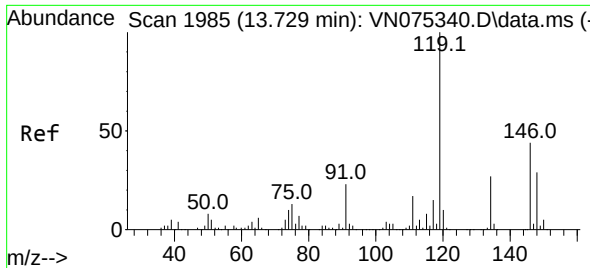
Tgt Ion:105 Resp: 65805

Ion Ratio Lower Upper

105 100

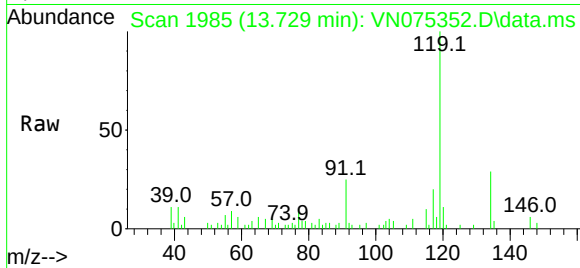
134 23.3 10.2 30.6





#86
p-Isopropyltoluene
Concen: 2.197 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Instrument :
MSVOA_N
ClientSampleId :
MW-14



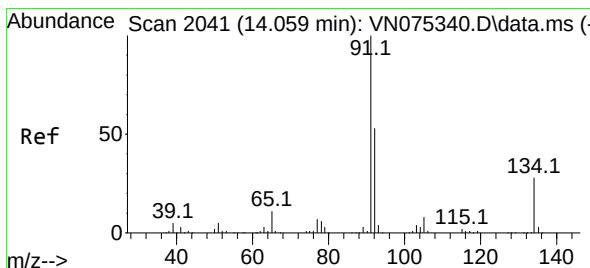
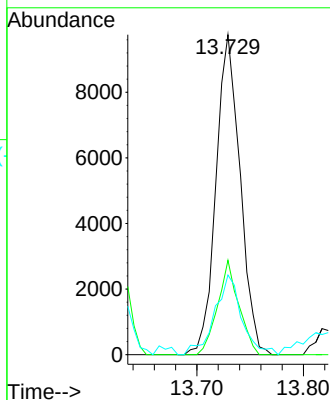
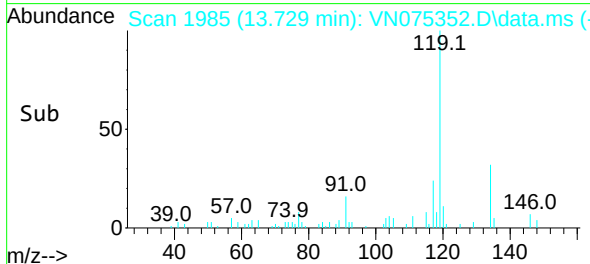
Tgt Ion:119 Resp: 15339
Ion Ratio Lower Upper
119 100
134 25.8 13.1 39.3
91 27.8 11.9 35.5

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 11/23/2022
Supervised By :Mahesh Dadoda 11/23/2022

11/23/2022
Supervised By :Mahesh
Dadoda

11/23/2022



#89
n-Butylbenzene
Concen: 3.446 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN075352.D
Acq: 21 Nov 2022 19:30

Tgt Ion: 91 Resp: 20321
Ion Ratio Lower Upper
91 100
92 49.1 26.5 79.4
134 0.0 13.0 39.0#

