

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084759.D
 Acq On : 08 Nov 2024 18:56
 Operator : JC\MD
 Sample : P4739-12 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2

Quant Time: Nov 09 03:11:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone
 11/11/2024

Supervised By :Mahesh
 Dadoda
 11/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	309786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279934	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124513	48.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.140%		
35) Dibromofluoromethane	8.159	113	101062	48.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.400%		
50) Toluene-d8	10.565	98	365379	47.303	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.600%		
62) 4-Bromofluorobenzene	12.847	95	150375	52.091	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.180%		
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	6367	5.812	ug/l	90
31) Cyclohexane	8.247	56	17022	4.810	ug/l #	92
39) Methylcyclohexane	9.600	83	16168	5.465	ug/l	96
40) Benzene	8.600	78	119919	12.840	ug/l	97
43) Isopropyl Acetate	8.694	43	48168m	9.092	ug/l	
52) Toluene	10.629	92	15199	2.783	ug/l	99
67) Ethyl Benzene	11.965	91	1738316	166.287	ug/l	100
68) m/p-Xylenes	12.065	106	58014	14.659	ug/l	100
69) o-Xylene	12.394	106	9625	2.600	ug/l	95
73) Isopropylbenzene	12.694	105	226754	23.868	ug/l	100
78) n-propylbenzene	13.035	91	377146	33.877	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	172862	21.953	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	71117	8.751	ug/l	99
89) n-Butylbenzene	14.053	91	13435	1.902	ug/l #	82
95) Naphthalene	15.641	128	112206	14.299	ug/l	99

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

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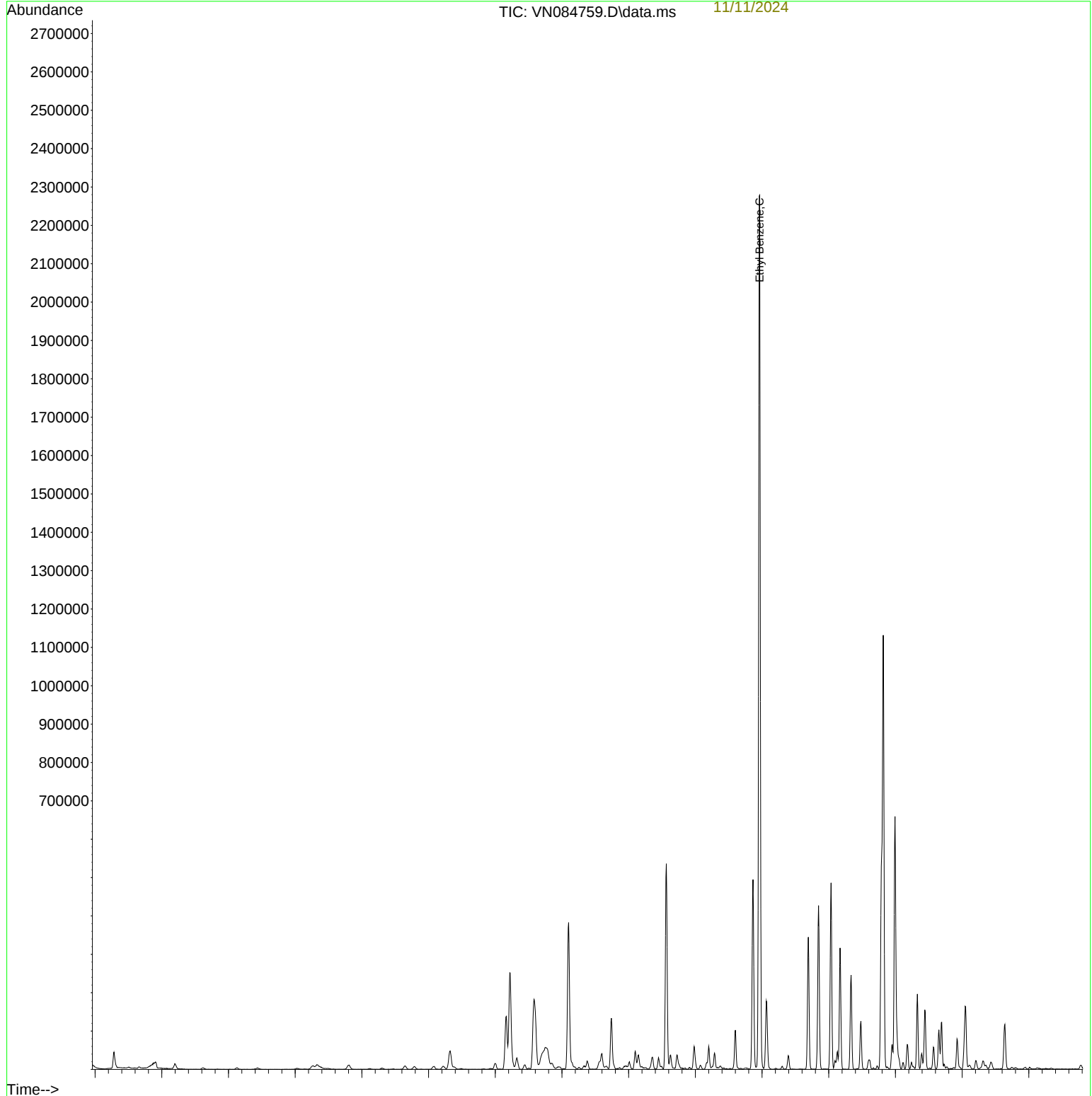
Instrument :
MSVOA_N
ClientSampleId :
BP-B2

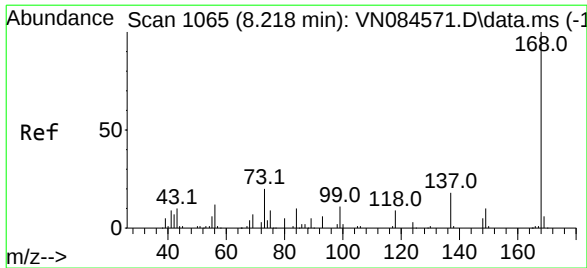
Quant Time: Nov 09 03:11:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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Reviewed By :John
Carlone
11/11/2024

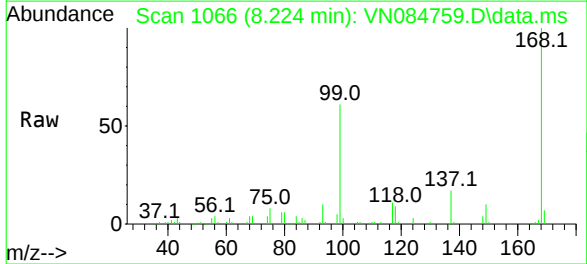
Supervised By :Mahesh
Dadoda
11/11/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

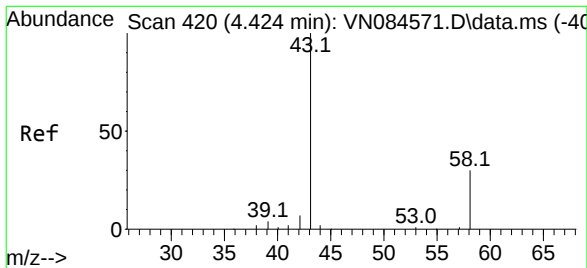
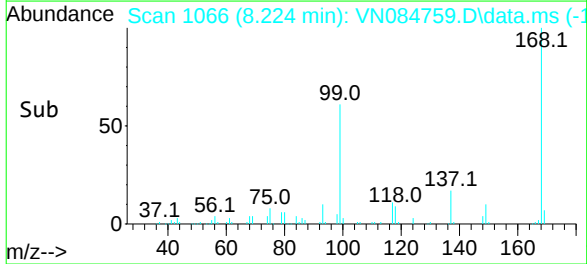
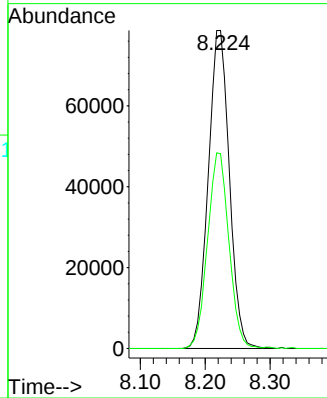


Tgt Ion:168 Resp: 177486
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2

Manual Integrations
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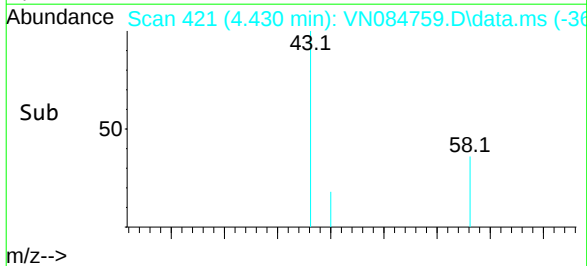
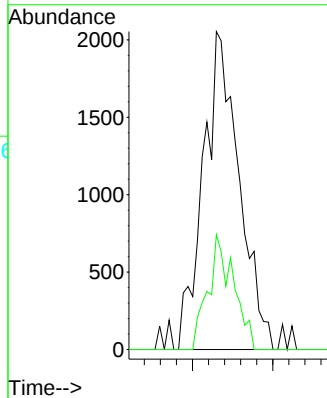
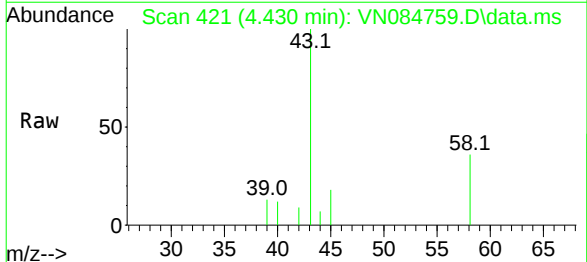
Reviewed By :John
Carlone
11/11/2024

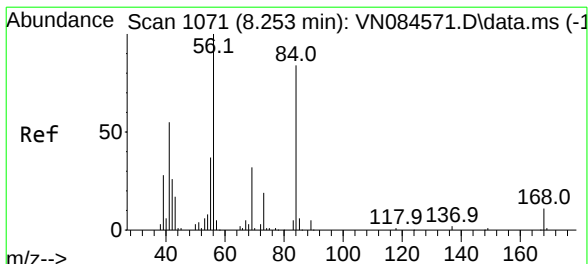
Supervised By :Mahesh
Dadoda
11/11/2024



#16
Acetone
Concen: 5.812 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Tgt Ion: 43 Resp: 6367
Ion Ratio Lower Upper
43 100
58 36.1 24.4 36.6





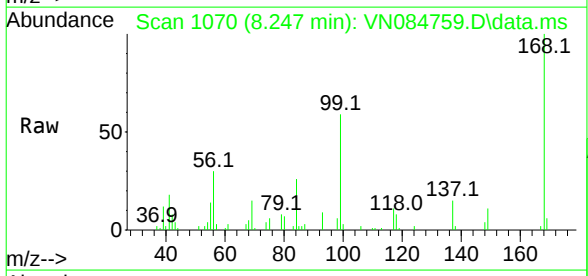
#31
Cyclohexane
Concen: 4.810 ug/l
RT: 8.247 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

BP-B2

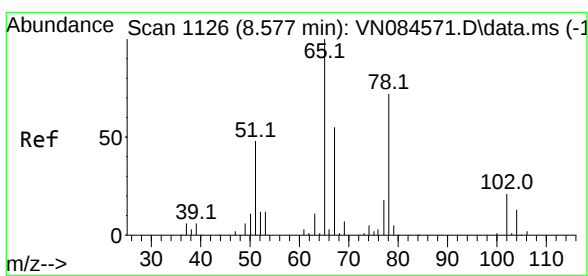
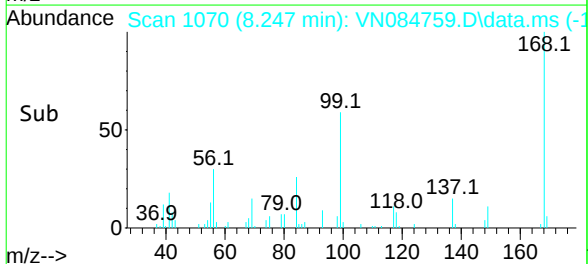
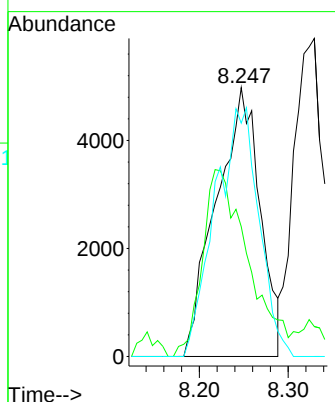


Tgt Ion	Ratio	Lower	Upper
56	100		
69	44.6	23.8	35.6
84	86.8	68.8	103.2

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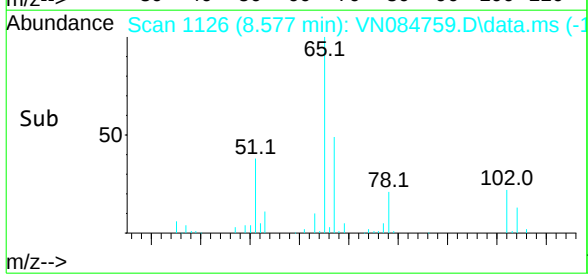
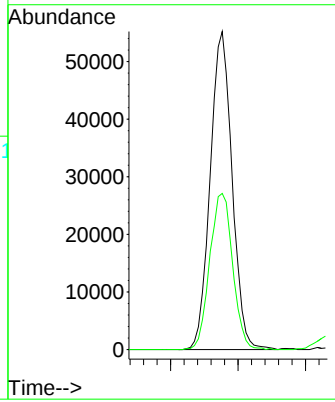
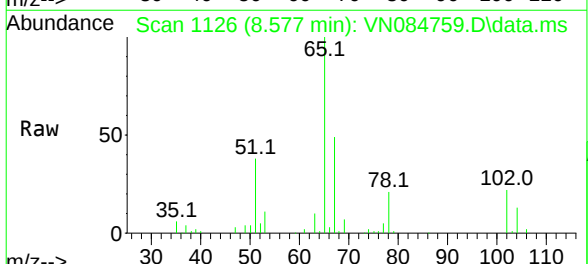
Reviewed By :John
Carlone
11/11/2024

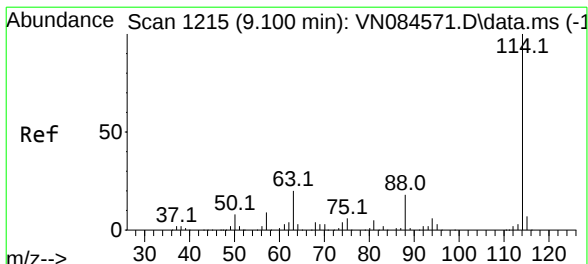
Supervised By :Mahesh
Dadoda
11/11/2024



#33
1,2-Dichloroethane-d4
Concen: 48.572 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

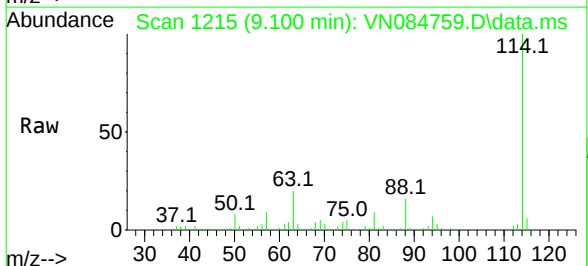
Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.0





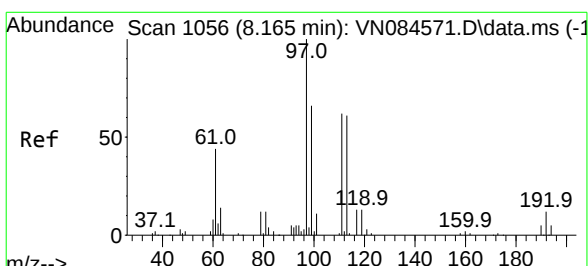
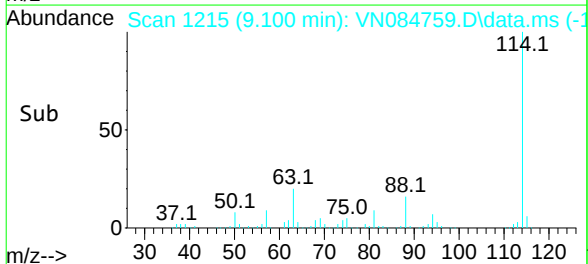
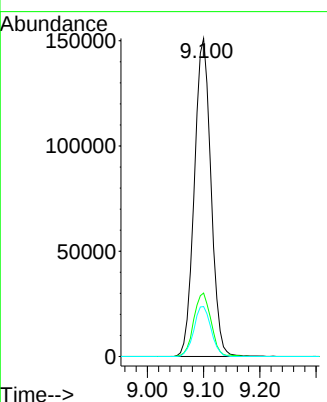
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084759.D
 Acq: 08 Nov 2024 18:56

Instrument : MSVOA_N
 ClientSampleId : BP-B2



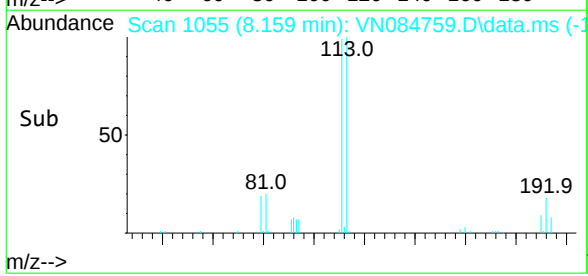
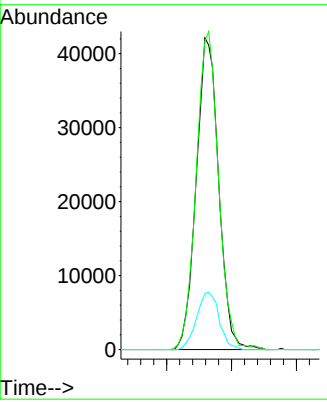
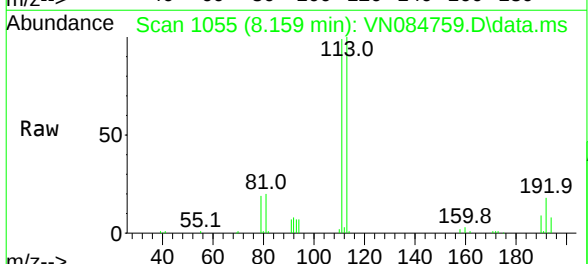
Tgt Ion:	114	Resp:	309786
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	43.8
88	15.7	0.0	31.6

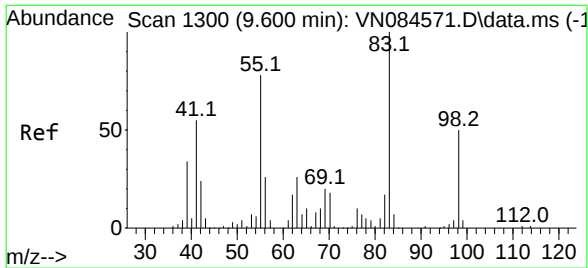
Manual Integrations
APPROVED
 Reviewed By :John
 Carlone
 11/11/2024
 Supervised By :Mahesh
 Dadoda
 11/11/2024



#35
 Dibromofluoromethane
 Concen: 48.196 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. -0.006 min
 Lab File: VN084759.D
 Acq: 08 Nov 2024 18:56

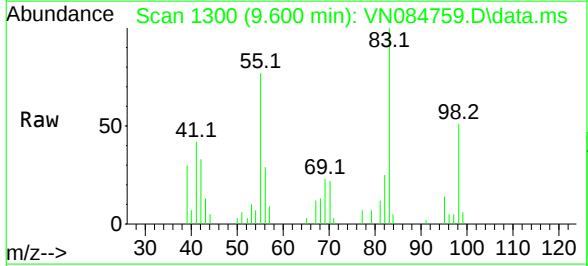
Tgt Ion:	113	Resp:	101062
Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.3	124.9
192	18.4	13.5	20.3





#39
Methylcyclohexane
Concen: 5.465 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

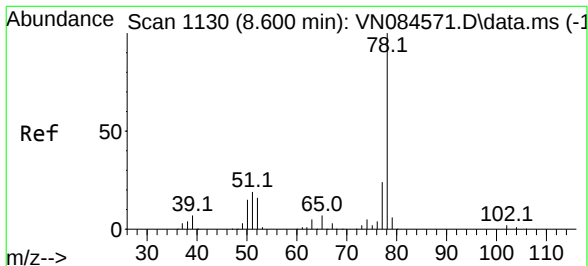
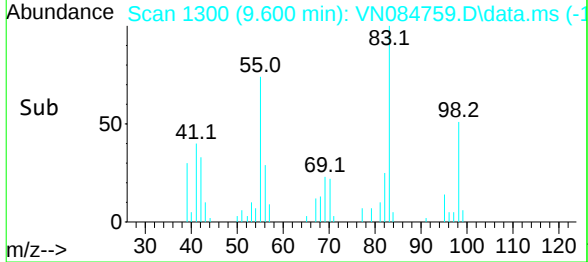
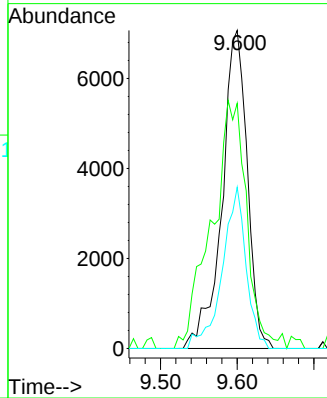


Tgt Ion: 83 Resp: 16168
Ion Ratio Lower Upper
83 100
55 74.5 62.8 94.2
98 50.7 38.8 58.2

Manual Integrations
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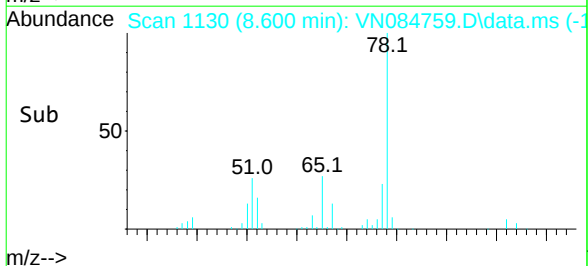
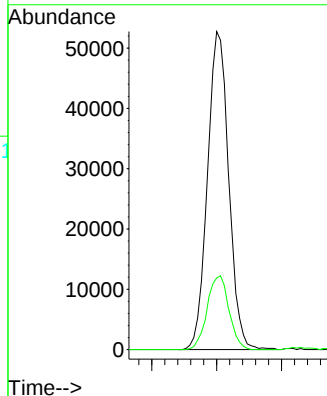
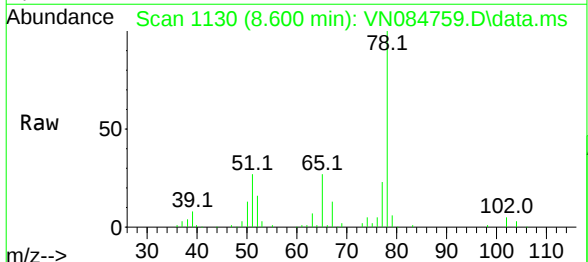
Reviewed By :John
Carlone
11/11/2024

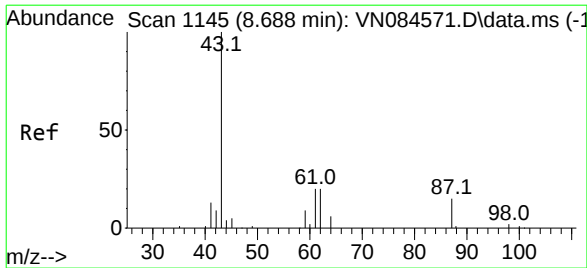
Supervised By :Mahesh
Dadoda
11/11/2024



#40
Benzene
Concen: 12.840 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

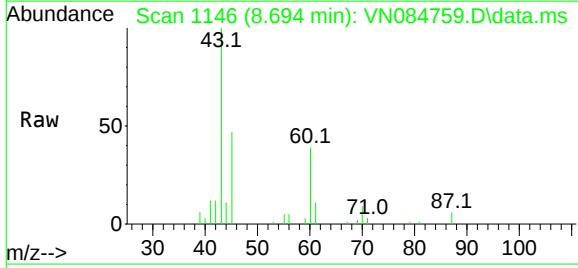
Tgt Ion: 78 Resp: 119919
Ion Ratio Lower Upper
78 100
77 22.5 19.1 28.7





#43
Isopropyl Acetate
Concen: 9.092 ug/l m
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

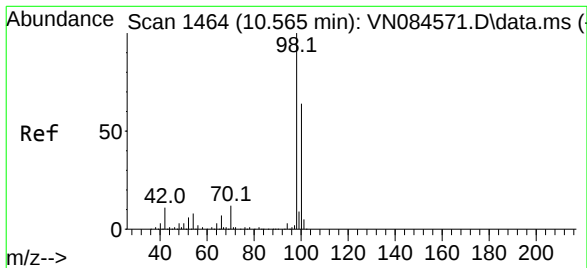
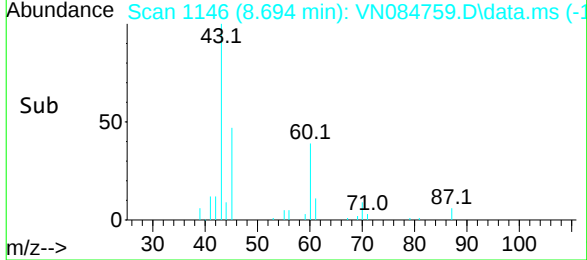
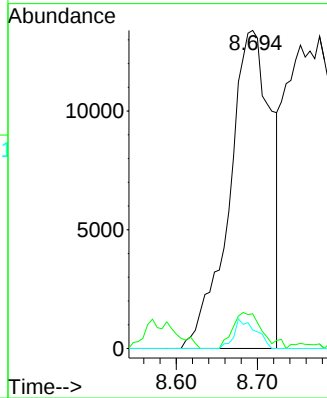


Tgt Ion: 43 Resp: 48168
Ion Ratio Lower Upper
43 100
61 7.9 20.4 30.6#
87 4.8 10.3 15.5#

Manual Integrations
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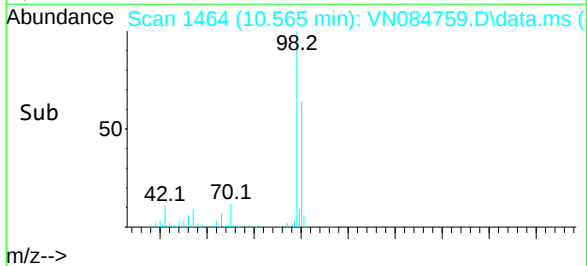
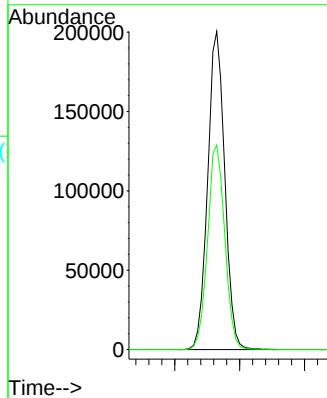
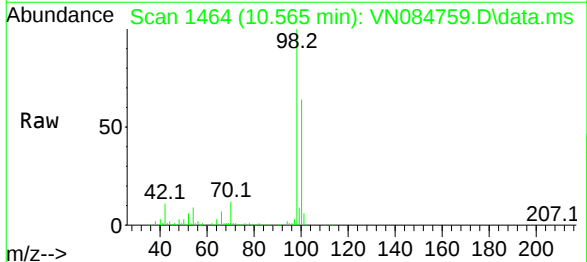
Reviewed By :John
Carlone
11/11/2024

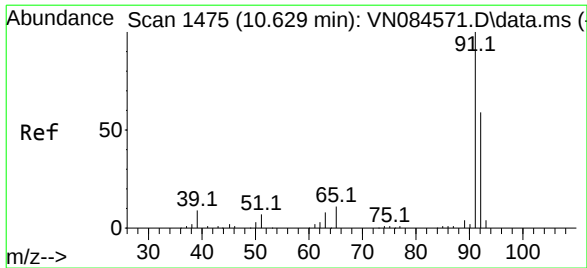
Supervised By :Mahesh
Dadoda
11/11/2024



#50
Toluene-d8
Concen: 47.303 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Tgt Ion: 98 Resp: 365379
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#52

Toluene

Concen: 2.783 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

BP-B2

Tgt Ion: 92 Resp: 15199

Ion Ratio Lower Upper

92 100

91 170.0 137.3 205.9

Manual Integrations

APPROVED

Reviewed By :John

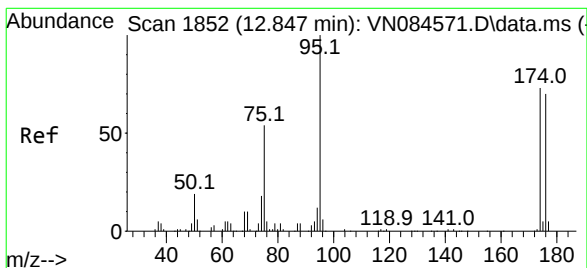
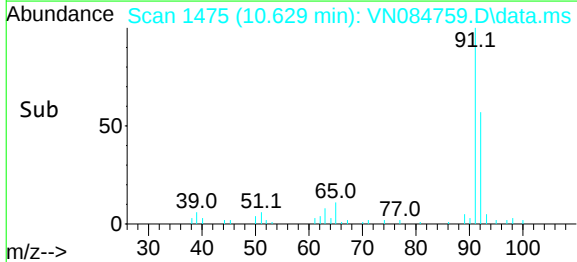
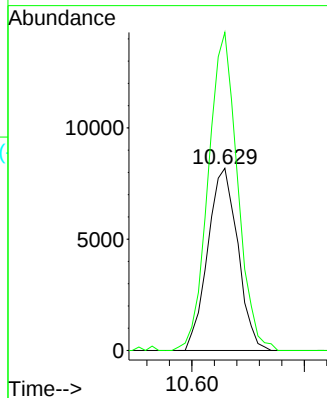
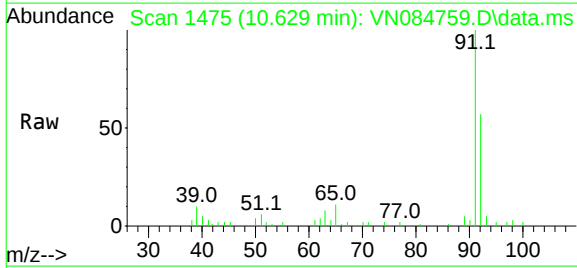
Carlone

11/11/2024

Supervised By :Mahesh

Dadoda

11/11/2024



#62

4-Bromofluorobenzene

Concen: 52.091 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084759.D

Acq: 08 Nov 2024 18:56

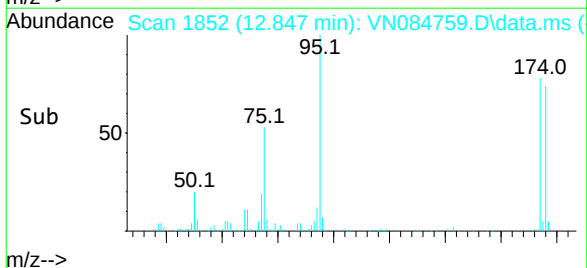
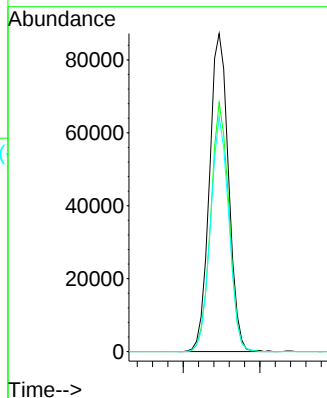
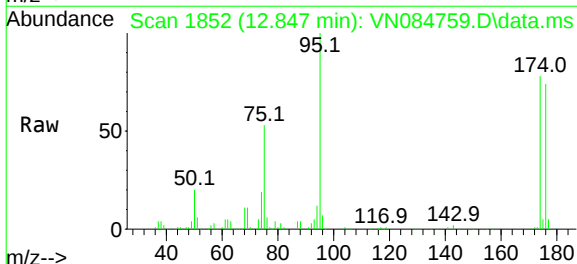
Tgt Ion: 95 Resp: 150375

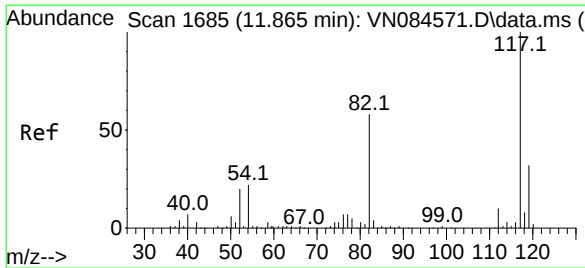
Ion Ratio Lower Upper

95 100

174 75.0 0.0 145.2

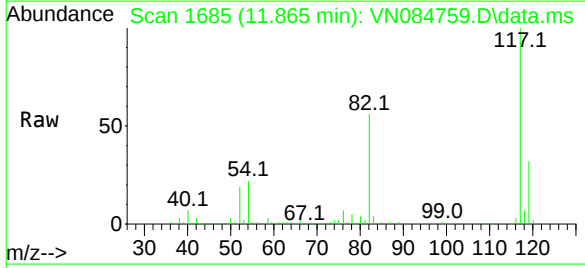
176 71.2 0.0 140.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

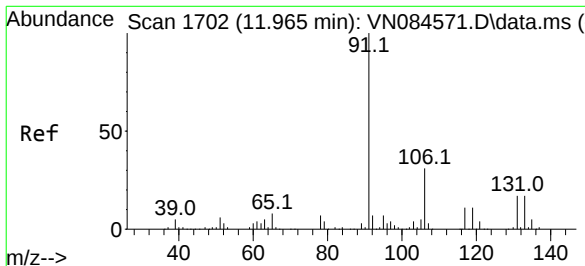
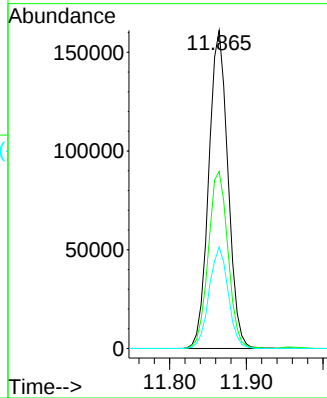
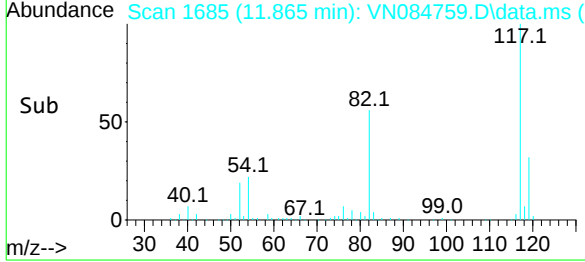


Tgt Ion: 117 Resp: 279934
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 31.9 25.4 38.0

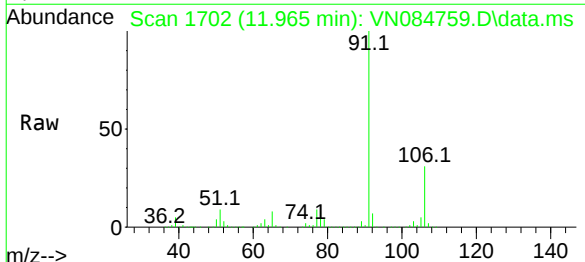
Manual Integrations
APPROVED

Reviewed By :John
Carlone
11/11/2024

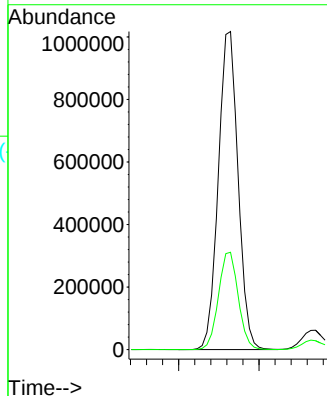
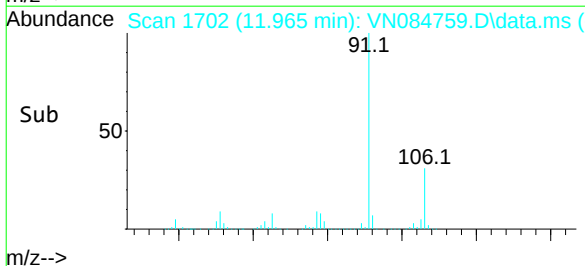
Supervised By :Mahesh
Dadoda
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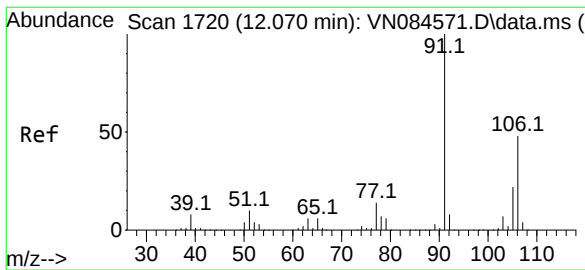


#67
Ethyl Benzene
Concen: 166.287 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56



Tgt Ion: 91 Resp: 1738316
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7





#68
m/p-Xylenes
Concen: 14.659 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

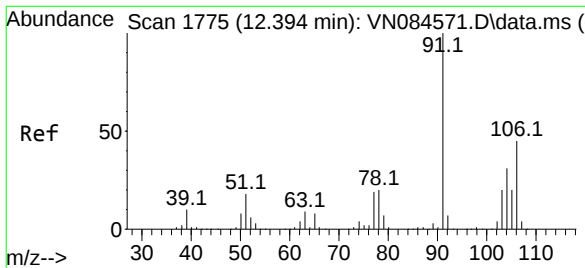
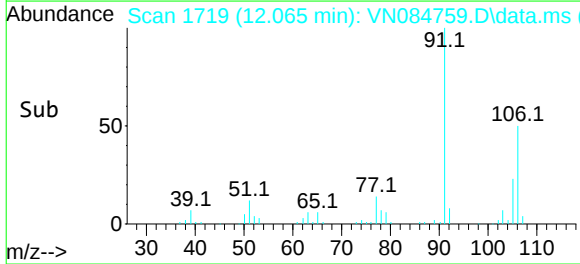
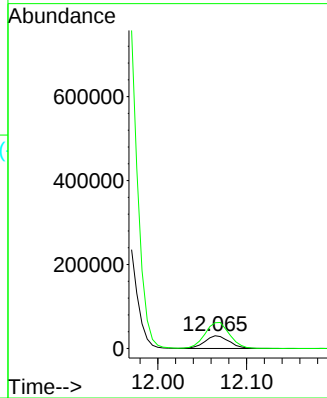
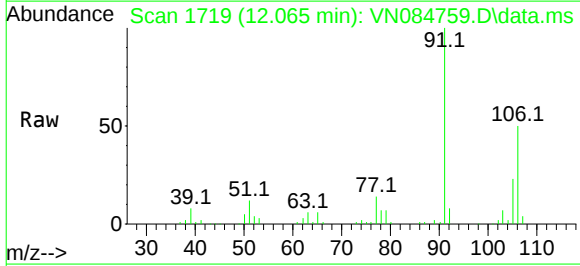
Instrument :
MSVOA_N
ClientSampleId :
BP-B2

Tgt Ion:106 Resp: 58014
Ion Ratio Lower Upper
106 100
91 208.2 167.1 250.7

Manual Integrations
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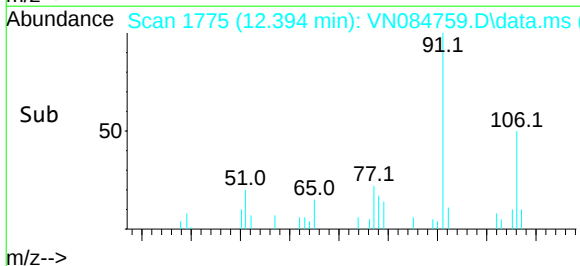
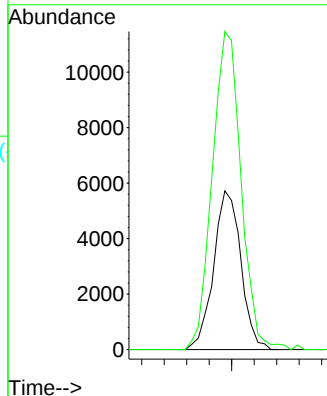
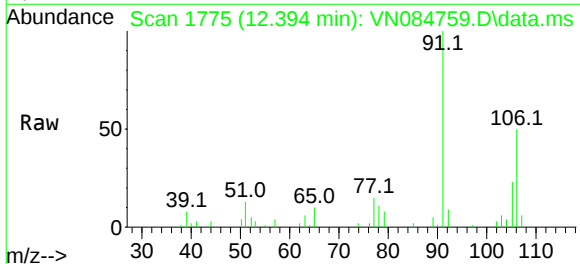
Reviewed By :John
Carlone
11/11/2024

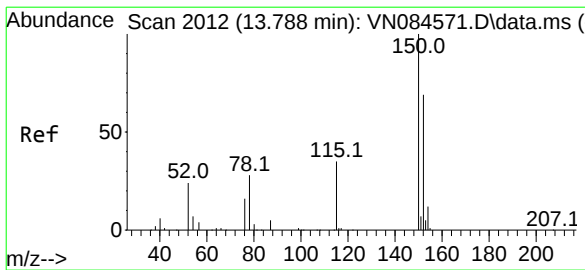
Supervised By :Mahesh
Dadoda
11/11/2024



#69
o-Xylene
Concen: 2.600 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

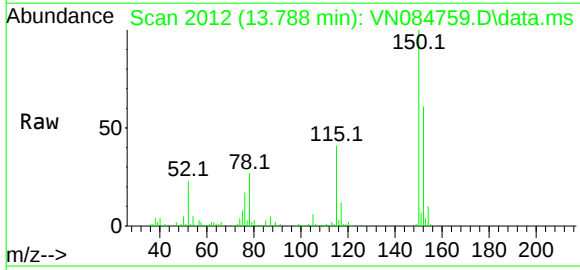
Tgt Ion:106 Resp: 9625
Ion Ratio Lower Upper
106 100
91 212.0 110.2 330.6





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

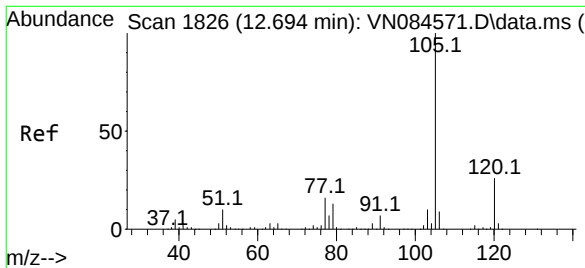
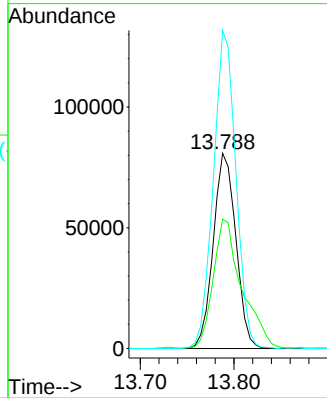
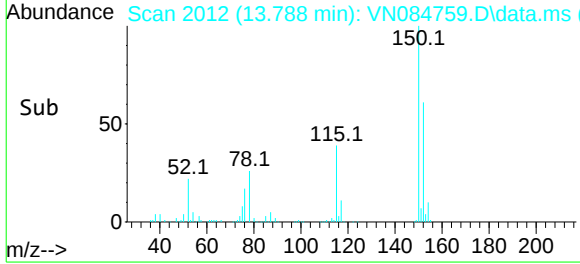


Tgt Ion:152 Resp: 135570
Ion Ratio Lower Upper
152 100
115 83.3 31.3 93.9
150 162.2 0.0 349.8

Manual Integrations
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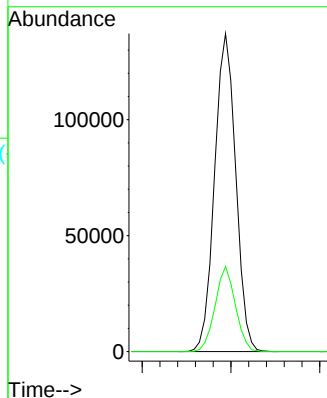
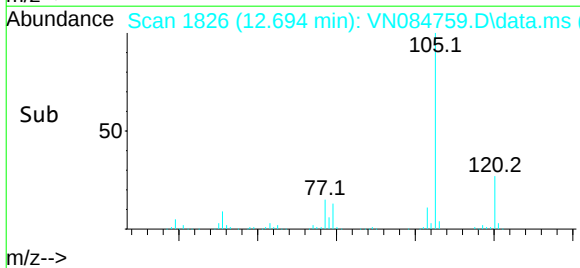
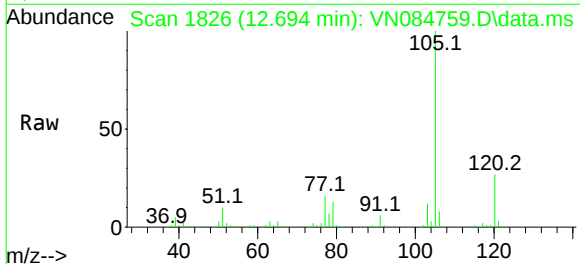
Reviewed By :John
Carlone
11/11/2024

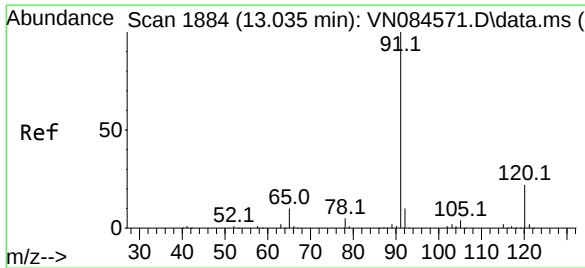
Supervised By :Mahesh
Dadoda
11/11/2024



#73
Isopropylbenzene
Concen: 23.868 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

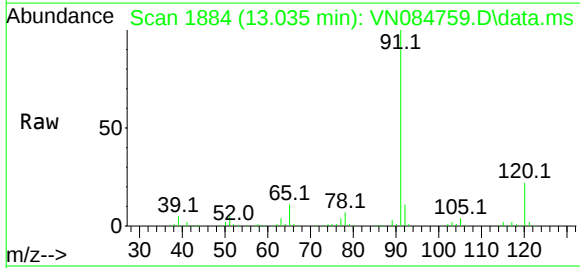
Tgt Ion:105 Resp: 226754
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.7





#78
n-propylbenzene
Concen: 33.877 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

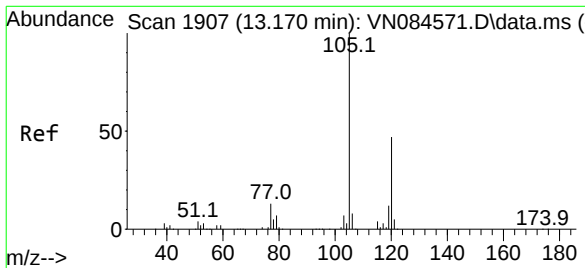
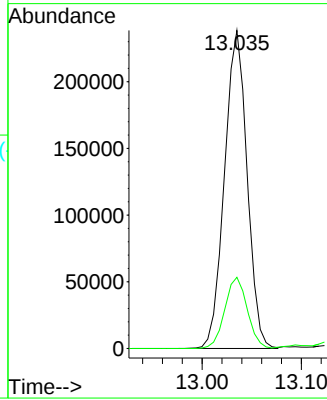
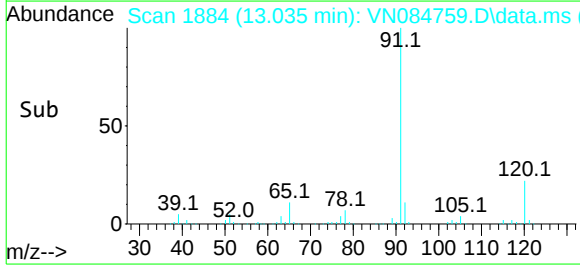


Tgt Ion: 91 Resp: 377146
Ion Ratio Lower Upper
91 100
120 22.3 10.8 32.4

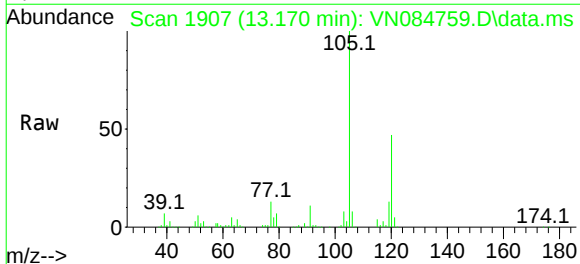
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Reviewed By :John
Carlone
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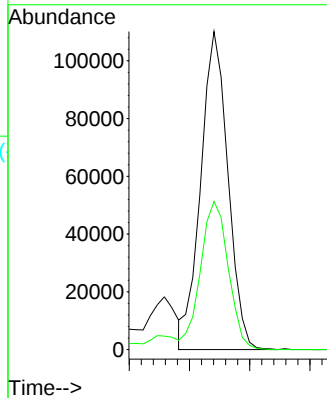
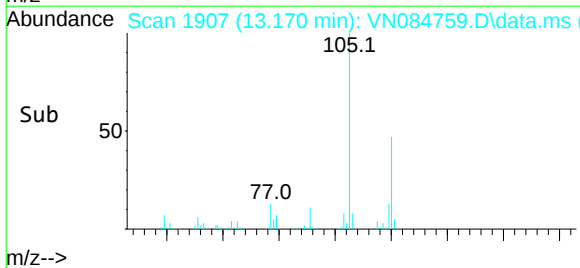
Supervised By :Mahesh
Dadoda
11/11/2024

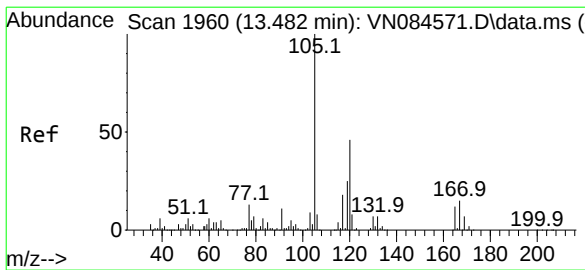


#80
1,3,5-Trimethylbenzene
Concen: 21.953 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56



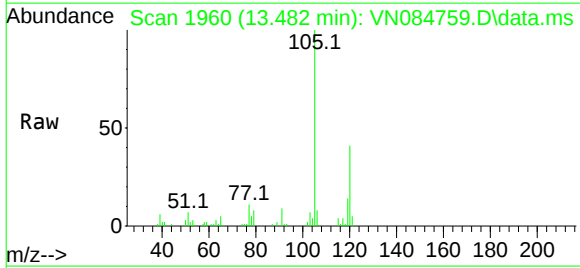
Tgt Ion:105 Resp: 172862
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1





#84
1,2,4-Trimethylbenzene
Concen: 8.751 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2

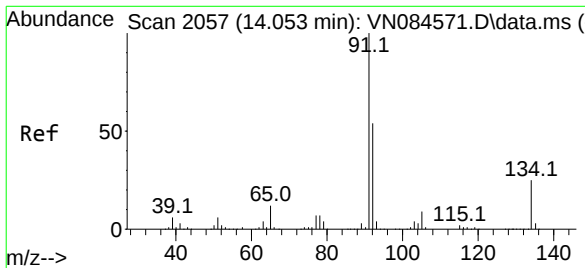
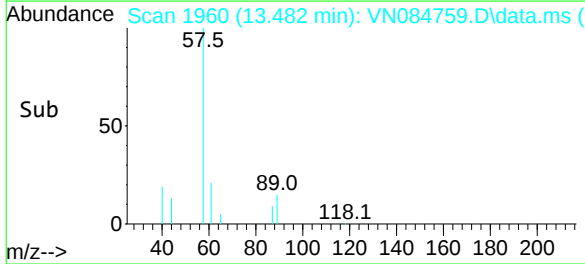
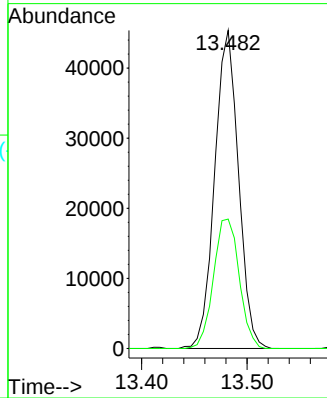


Tgt Ion: 105 Resp: 71117
Ion Ratio Lower Upper
105 100
120 44.0 22.3 66.8

Manual Integrations
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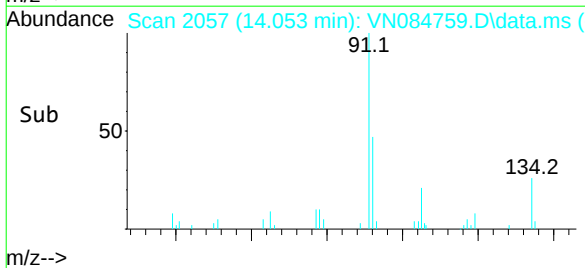
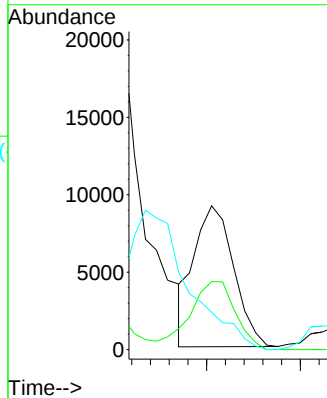
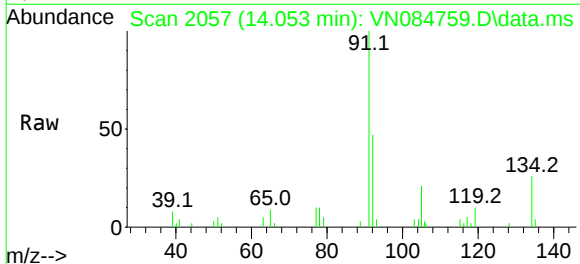
Reviewed By :John
Carlone
11/11/2024

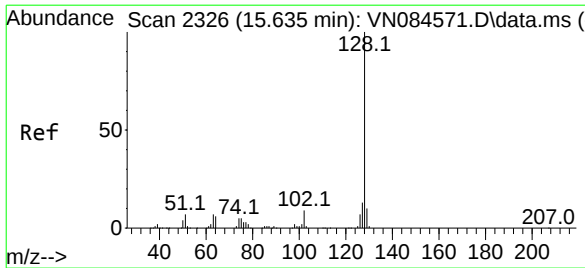
Supervised By :Mahesh
Dadoda
11/11/2024



#89
n-Butylbenzene
Concen: 1.902 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

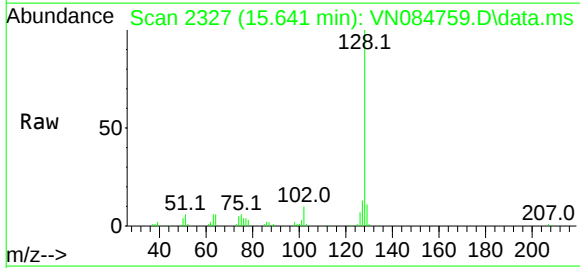
Tgt Ion: 91 Resp: 13435
Ion Ratio Lower Upper
91 100
92 55.3 26.6 79.7
134 0.0 12.3 36.9#





#95
Naphthalene
Concen: 14.299 ug/l
RT: 15.641 min Scan# 2326
Delta R.T. 0.006 min
Lab File: VN084759.D
Acq: 08 Nov 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
BP-B2



Tgt Ion:128 Resp: 112206
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.3 8.7 13.1

Manual Integrations
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Reviewed By :John
Carlone
11/11/2024

Supervised By :Mahesh
Dadoda
11/11/2024

