

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074597.D
 Acq On : 19 Sep 2022 19:44
 Operator : JC\MD
 Sample : N4566-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-GR

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 04:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	378209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	716542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	822074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	496772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	294184	45.843	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.680%		
35) Dibromofluoromethane	7.951	113	240867	50.604	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.200%		
50) Toluene-d8	10.392	98	909552	49.410	ug/l	0.01
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.820%		
62) 4-Bromofluorobenzene	12.674	95	533165	84.566	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	169.140%#		
Target Compounds					Qvalue	
16) Acetone	4.216	43	588244	143.251	ug/l	89
17) Carbon Disulfide	4.451	76	7330	0.537	ug/l #	75
25) 2-Butanone	7.257	43	192932	28.298	ug/l #	86
31) Cyclohexane	8.022	56	912559	80.116	ug/l	87
39) Methylcyclohexane	9.398	83	256199	25.573	ug/l	94
52) Toluene	10.433	92	44600761m	2919.414	ug/l	
59) 2-Hexanone	11.027	43	257054m	25.301	ug/l	
67) Ethyl Benzene	11.892	91	64197656m	1694.297	ug/l	
68) m/p-Xylenes	11.786	106	18002295	1285.026	ug/l #	1
69) o-Xylene	12.216	106	27827059m	1948.159	ug/l	
73) Isopropylbenzene	12.521	105	1576262	30.989	ug/l	98
78) n-propylbenzene	12.863	91	3697975	61.041	ug/l	95
80) 1,3,5-Trimethylbenzene	13.004	105	13277642	320.216	ug/l	99
84) 1,2,4-Trimethylbenzene	13.298	105	23144286m	554.646	ug/l	
85) sec-Butylbenzene	13.445	105	103376m	1.995	ug/l	
86) p-Isopropyltoluene	13.563	119	77833m	1.927	ug/l	
89) n-Butylbenzene	13.886	91	130170m	3.575	ug/l	
95) Naphthalene	15.439	128	13608788	311.463	ug/l	99

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

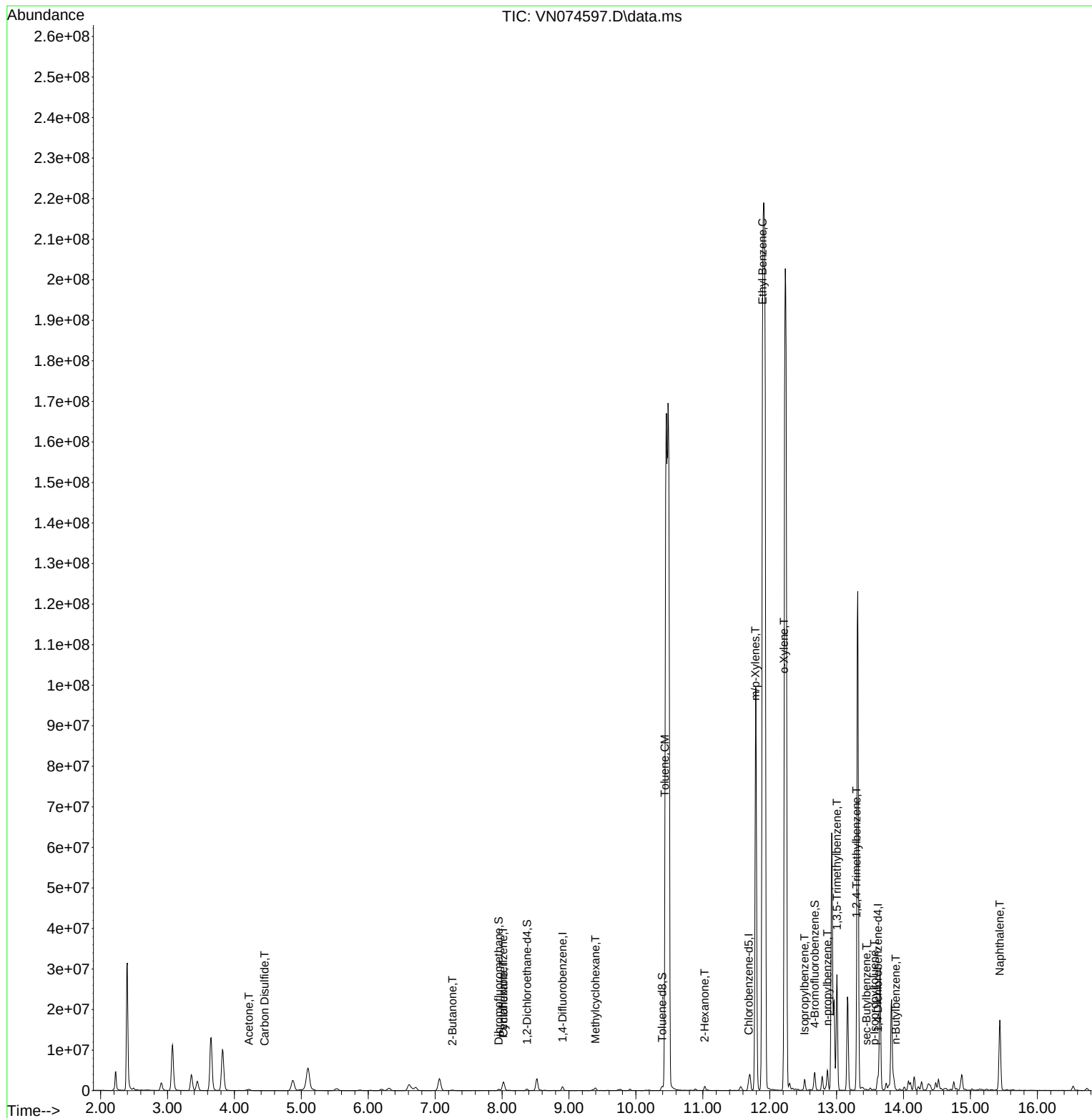
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
Data File : VN074597.D
Acq On : 19 Sep 2022 19:44
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
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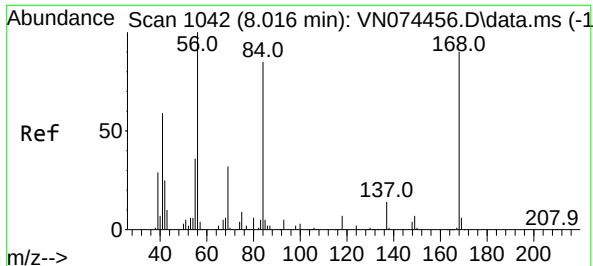
Instrument :
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Supervised By :Mahesh Dadoda 09/21/2022

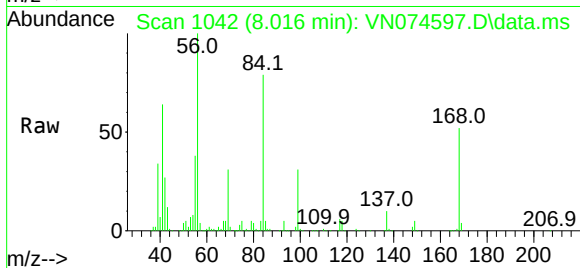
Quant Time: Sep 20 04:21:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

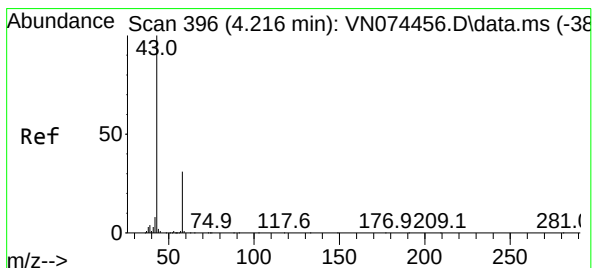
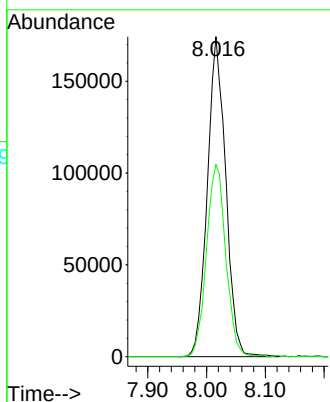
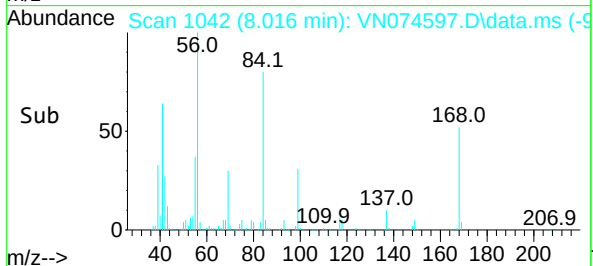
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



Tgt Ion:168 Resp: 378209
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5

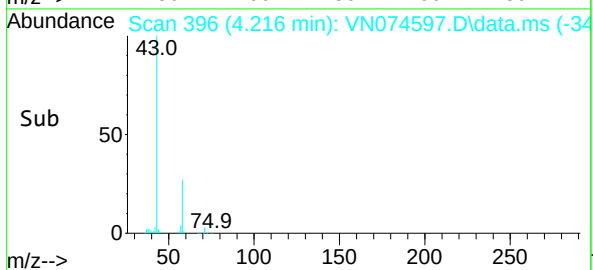
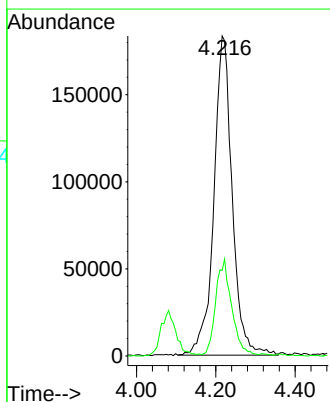
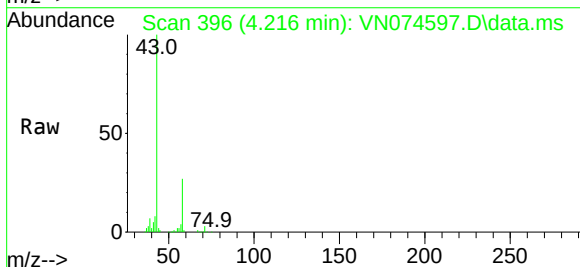
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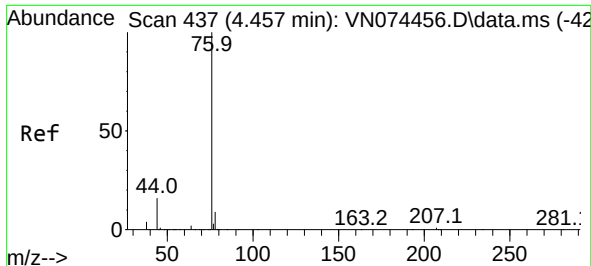
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#16
Acetone
Concen: 143.251 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

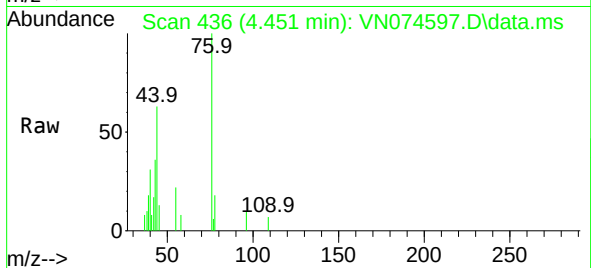
Tgt Ion: 43 Resp: 588244
Ion Ratio Lower Upper
43 100
58 26.3 26.0 39.0





#17
Carbon Disulfide
Concen: 0.537 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

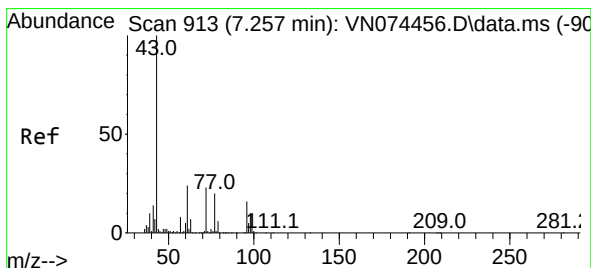
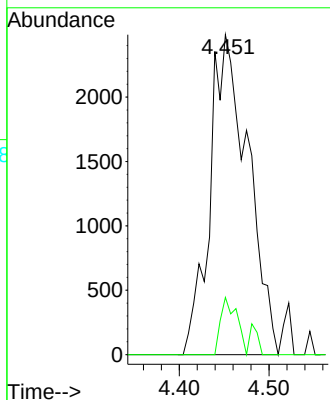
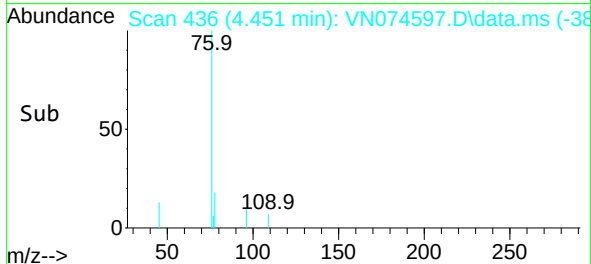
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



Tgt Ion: 76 Resp: 7330
Ion Ratio Lower Upper
76 100
78 17.9 7.2 10.8

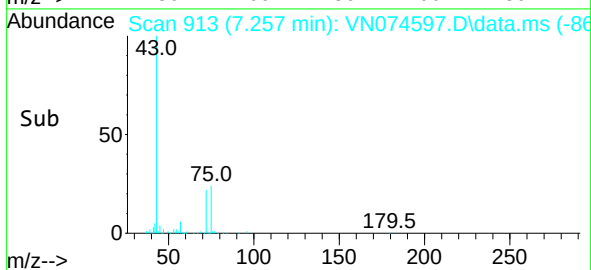
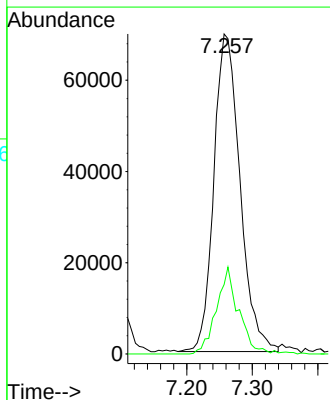
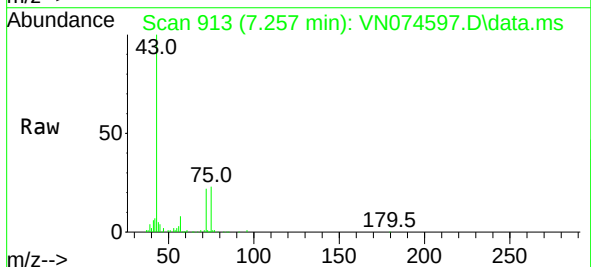
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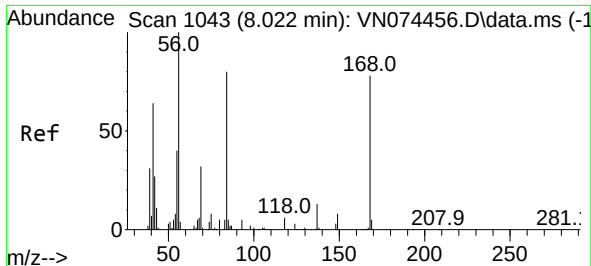
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#25
2-Butanone
Concen: 28.298 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

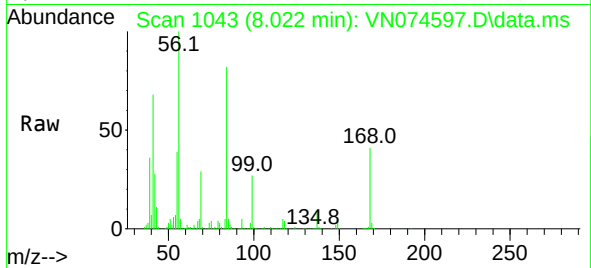
Tgt Ion: 43 Resp: 192932
Ion Ratio Lower Upper
43 100
72 21.8 23.7 35.5





#31
Cyclohexane
Concen: 80.116 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

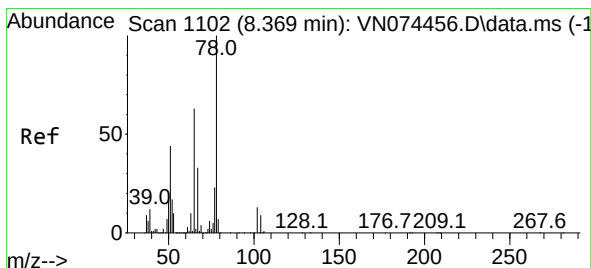
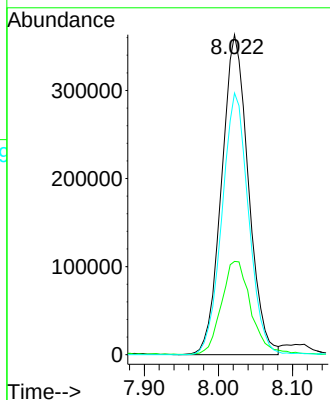
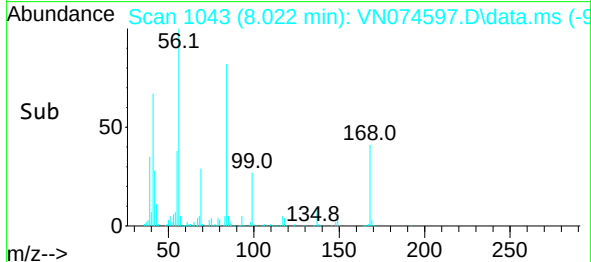
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



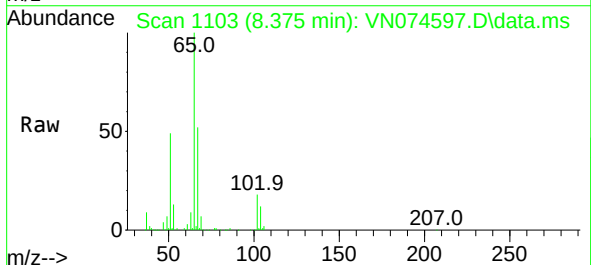
Tgt Ion: 56 Resp: 912559
Ion Ratio Lower Upper
56 100
69 29.1 27.8 41.8
84 81.7 76.9 115.3

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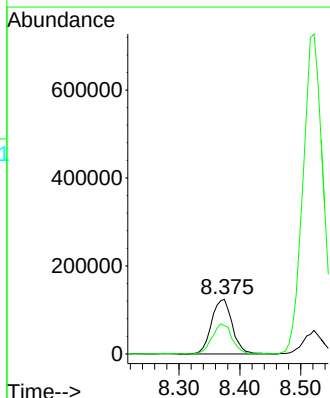
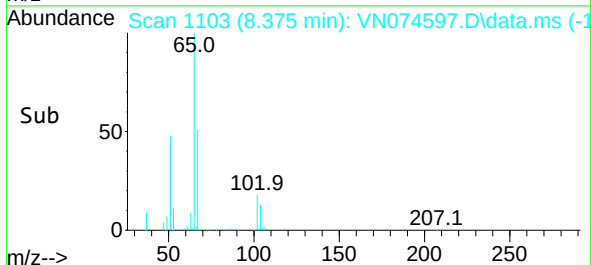
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

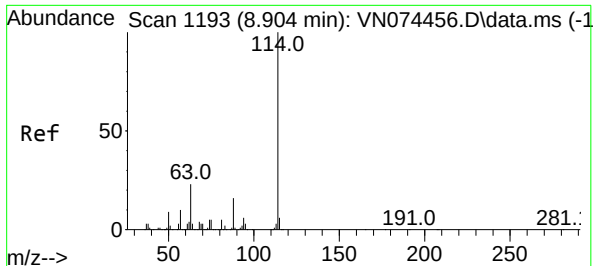


#33
1,2-Dichloroethane-d4
Concen: 45.843 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



Tgt Ion: 65 Resp: 294184
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074597.D

Acq: 19 Sep 2022 19:44

Instrument :

MSVOA_N

ClientSampleId :

MW-GR

Tgt Ion:114 Resp: 71654

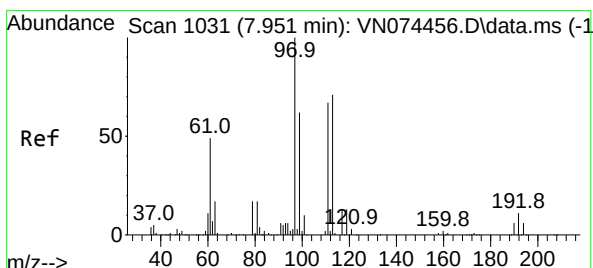
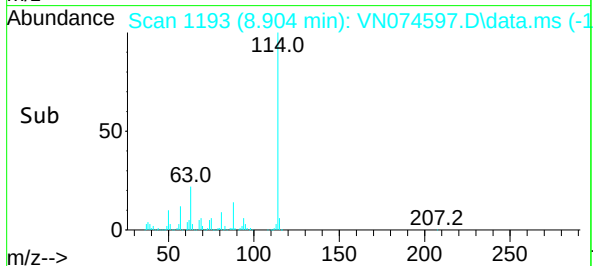
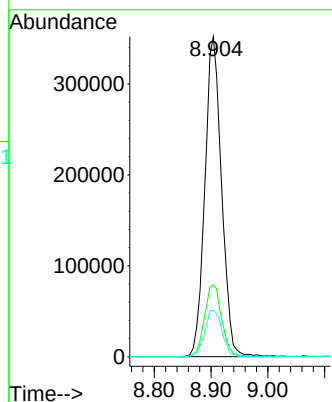
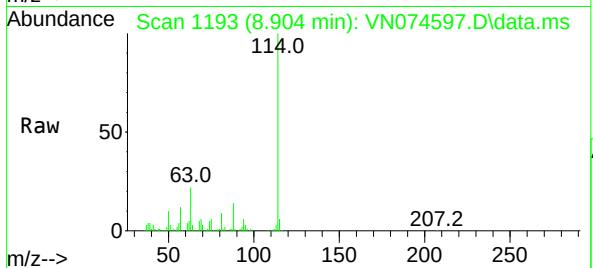
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	40.0
88	14.5	0.0	32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 50.604 ug/l

RT: 7.951 min Scan# 1031

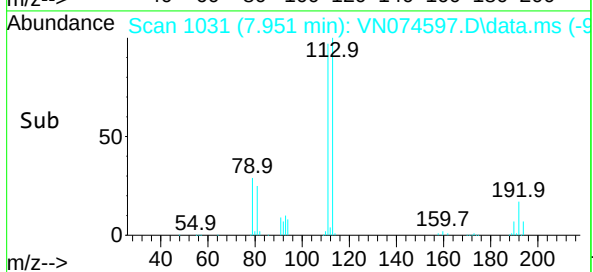
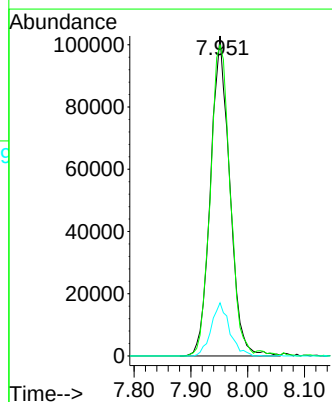
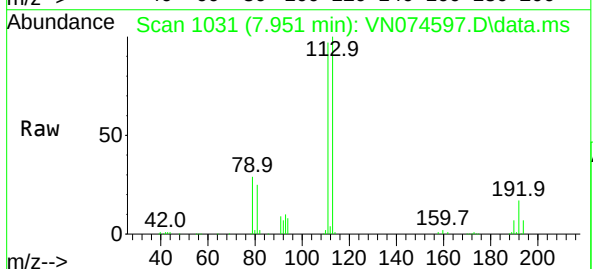
Delta R.T. 0.000 min

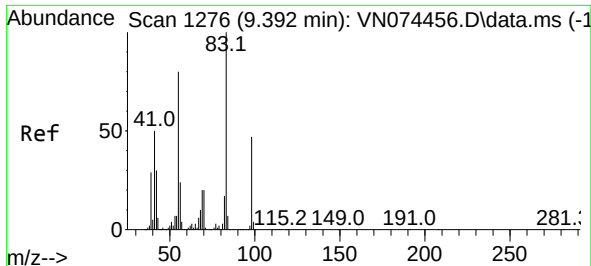
Lab File: VN074597.D

Acq: 19 Sep 2022 19:44

Tgt Ion:113 Resp: 240867

Ion	Ratio	Lower	Upper
113	100		
111	100.0	81.4	122.0
192	15.8	17.0	25.6





#39

Methylcyclohexane

Concen: 25.573 ug/l

RT: 9.398 min Scan# 1276

Delta R.T. 0.006 min

Lab File: VN074597.D

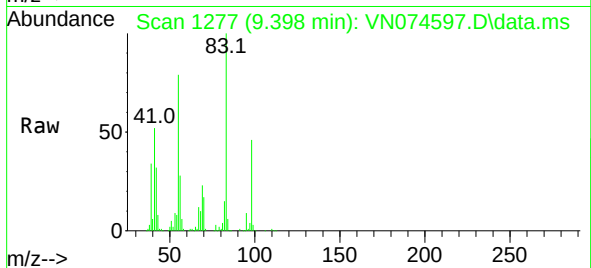
Acq: 19 Sep 2022 19:44

Instrument :

MSVOA_N

ClientSampleId :

MW-GR



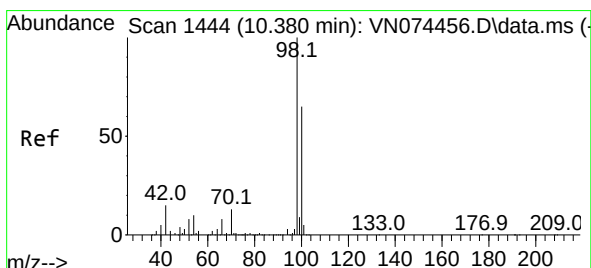
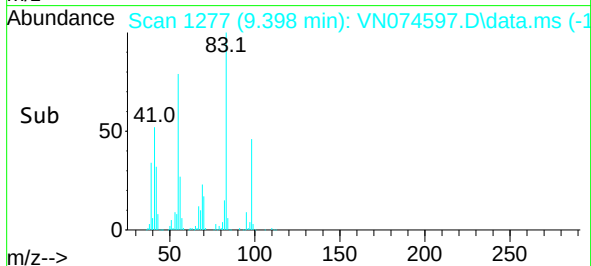
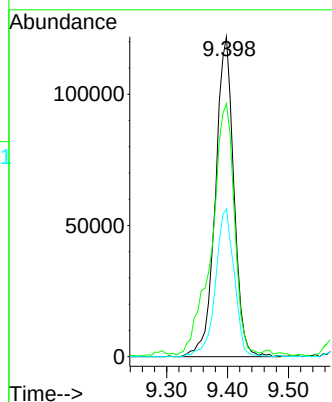
Tgt Ion: 83	Resp: 256199
Ion Ratio	Lower Upper
83	100
55	77.9 57.8 86.8
98	46.2 39.4 59.2

Manual Integrations

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#50

Toluene-d8

Concen: 49.410 ug/l

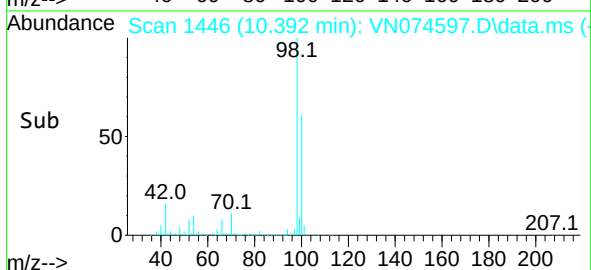
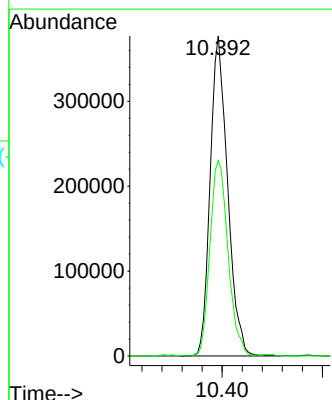
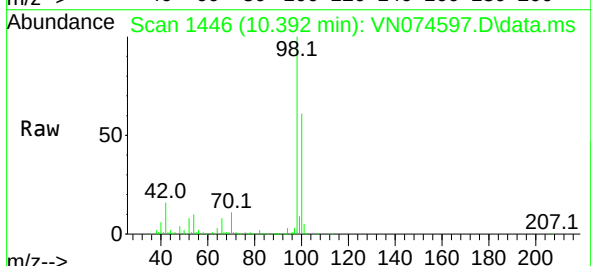
RT: 10.392 min Scan# 1446

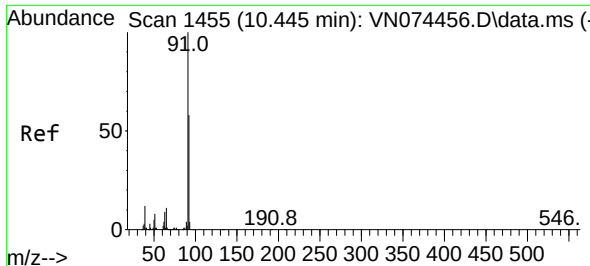
Delta R.T. 0.012 min

Lab File: VN074597.D

Acq: 19 Sep 2022 19:44

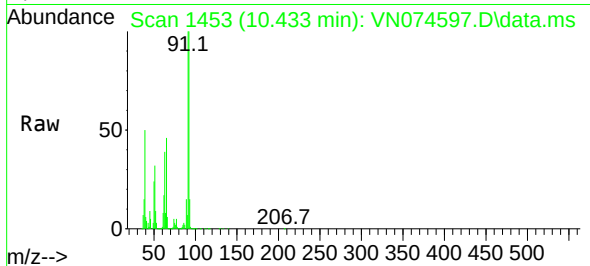
Tgt Ion: 98	Resp: 909552
Ion Ratio	Lower Upper
98	100
100	63.6 52.6 78.8





#52
Toluene
Concen: 2919.414 ug/l m
RT: 10.433 min Scan# 1453
Delta R.T. -0.012 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

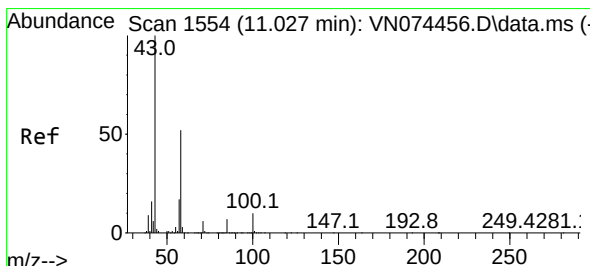
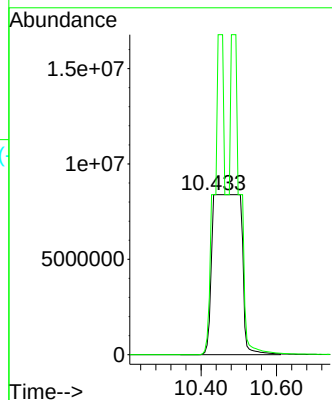
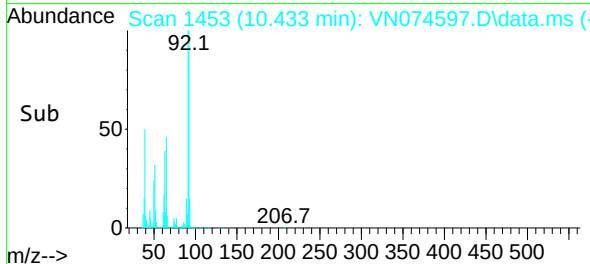
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



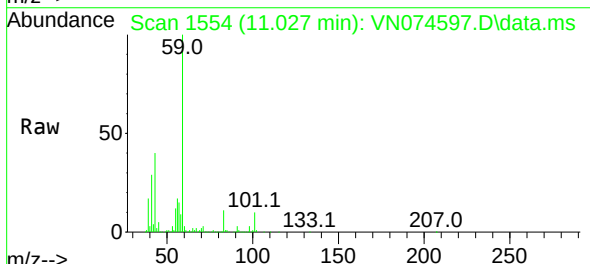
Tgt Ion: 92 Resp: 4460076
Ion Ratio Lower Upper
92 100
91 0.0 138.6 207.8

Manual Integrations
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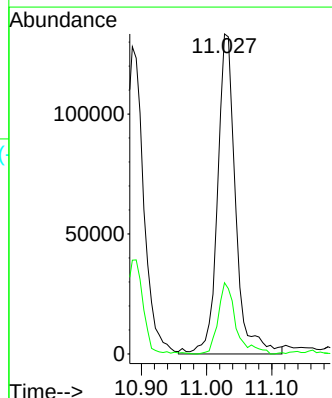
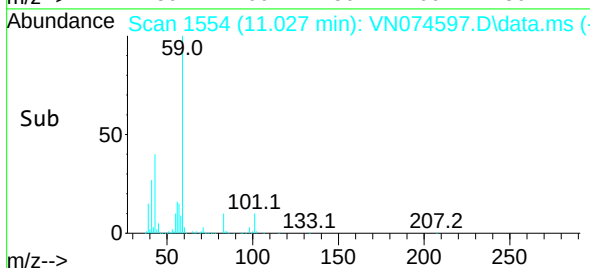
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

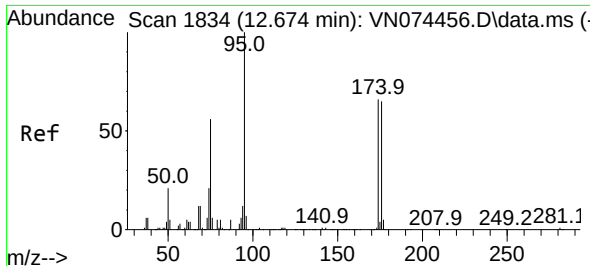


#59
2-Hexanone
Concen: 25.301 ug/l m
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



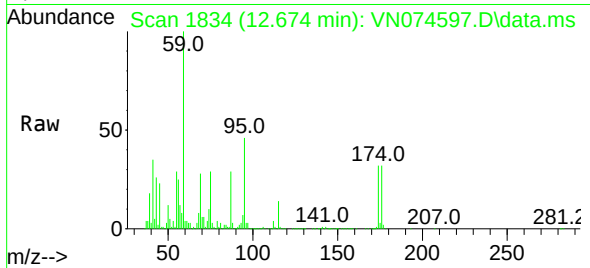
Tgt Ion: 43 Resp: 257054
Ion Ratio Lower Upper
43 100
58 28.2 29.7 89.1





#62
4-Bromofluorobenzene
Concen: 84.566 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

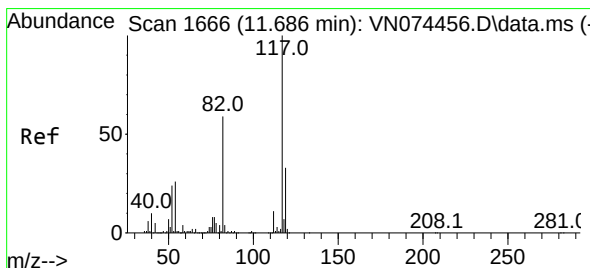
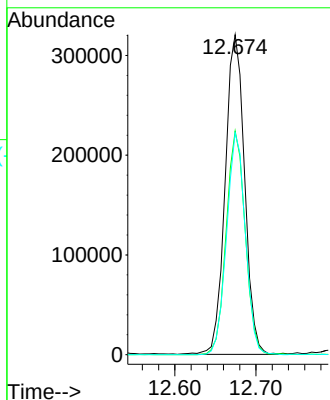
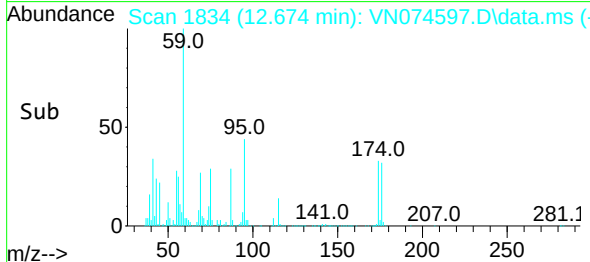
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



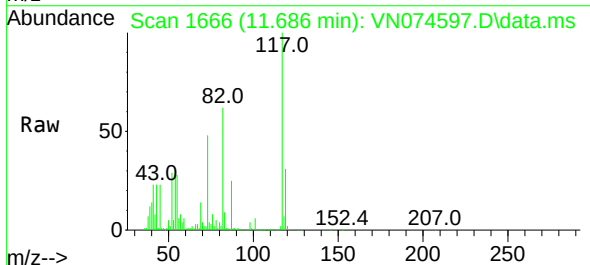
Tgt Ion: 95 Resp: 53316
Ion Ratio Lower Upper
95 100
174 68.2 0.0 167.6
176 66.7 0.0 163.4

Manual Integrations
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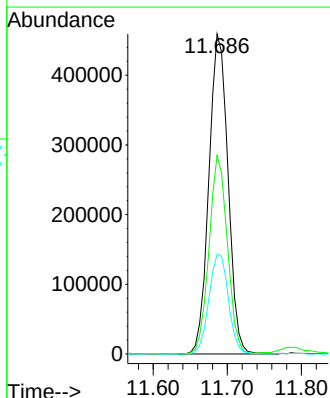
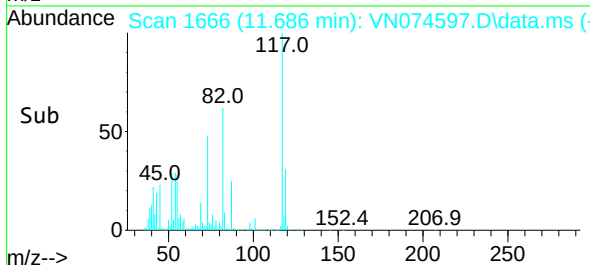
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

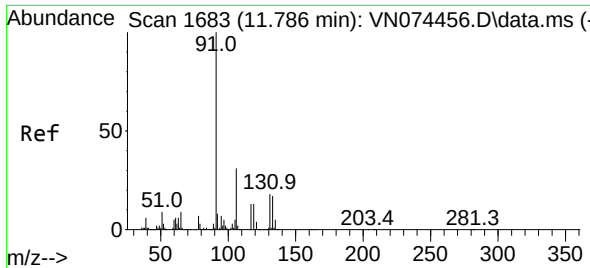


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



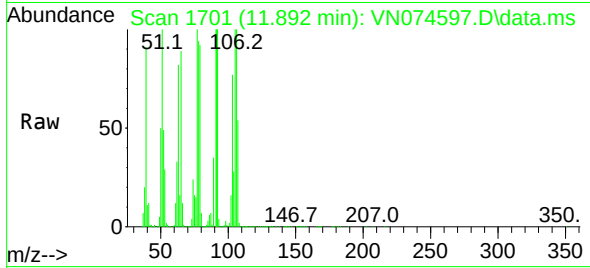
Tgt Ion:117 Resp: 822074
Ion Ratio Lower Upper
117 100
82 62.0 44.2 66.2
119 31.1 25.4 38.0





#67
Ethyl Benzene
Concen: 1694.297 ug/l m
RT: 11.892 min Scan# 1
Delta R.T. 0.106 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

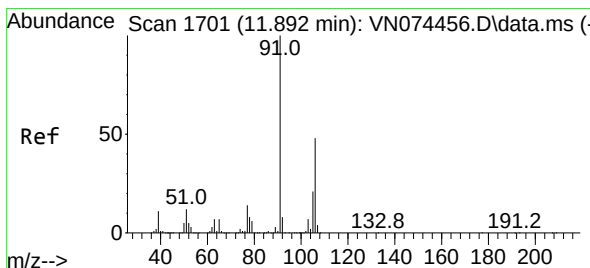
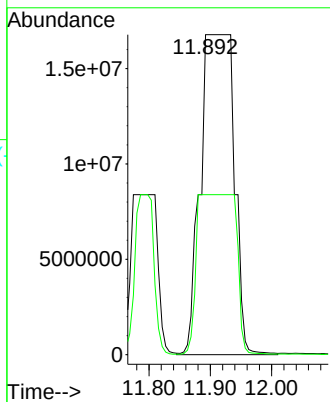
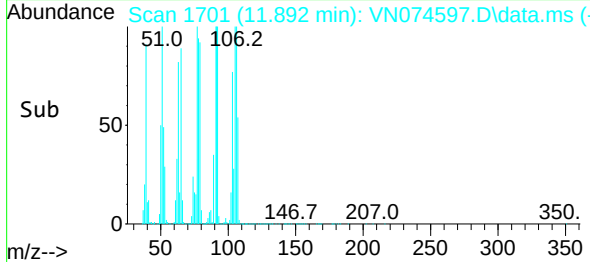
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



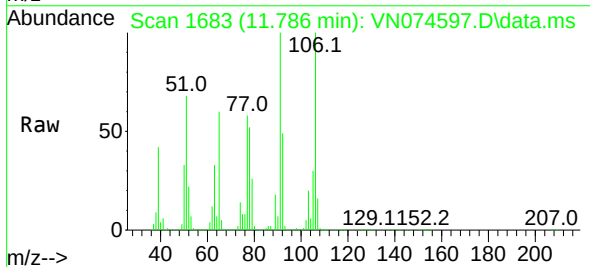
Tgt Ion: 91 Resp:64197650
Ion Ratio Lower Upper
91 100
106 100.0 24.9 37.3#

Manual Integrations
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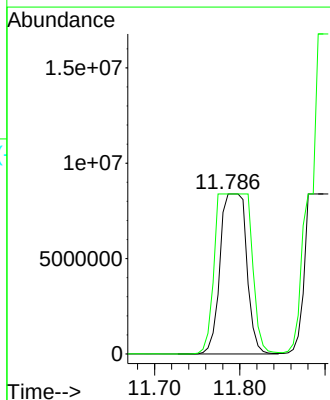
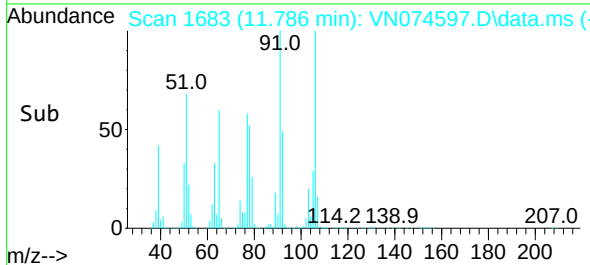
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

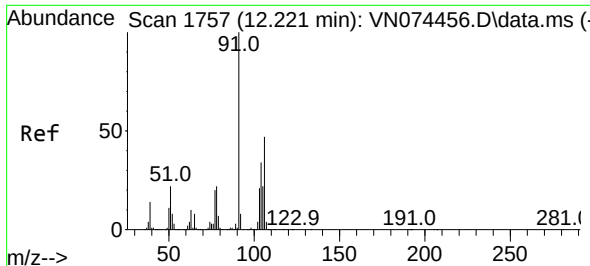


#68
m/p-Xylenes
Concen: 1285.026 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. -0.106 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



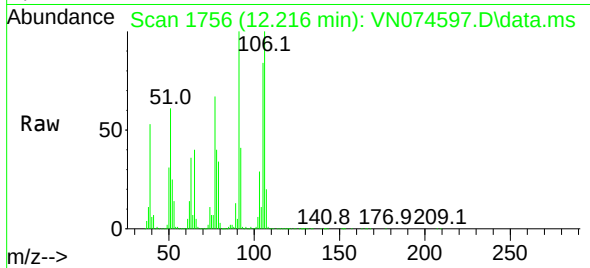
Tgt Ion:106 Resp:18002295
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#





#69
o-Xylene
Concen: 1948.159 ug/l m
RT: 12.216 min Scan# 1757
Delta R.T. -0.005 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

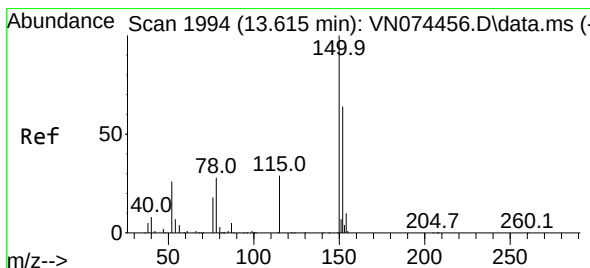
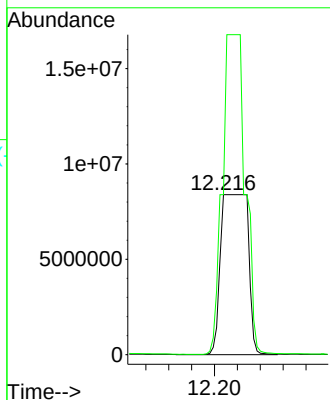
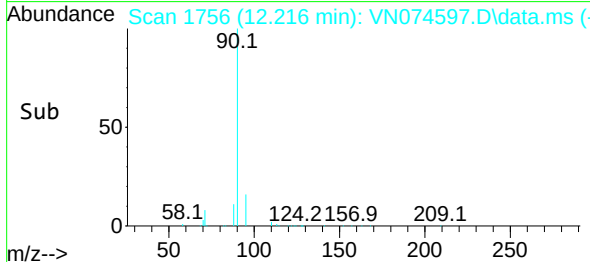
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



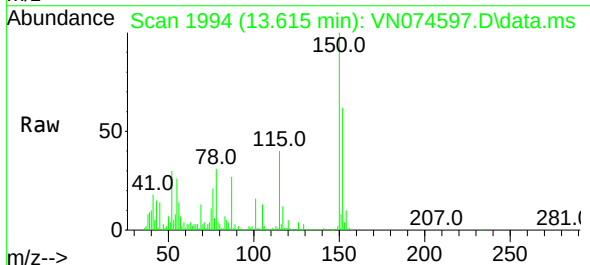
Tgt Ion:106 Resp:27827059
Ion Ratio Lower Upper
106 100
91 0.0 106.0 318.0

Manual Integrations
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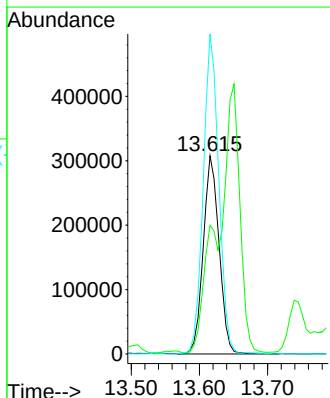
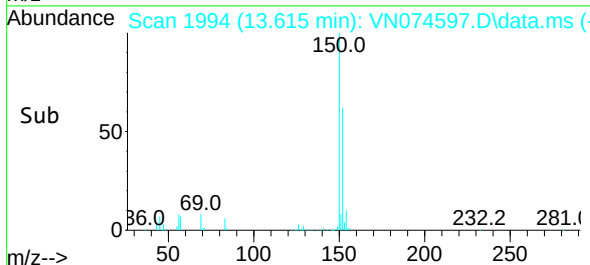
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

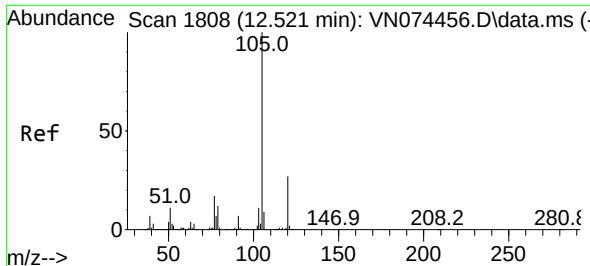


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



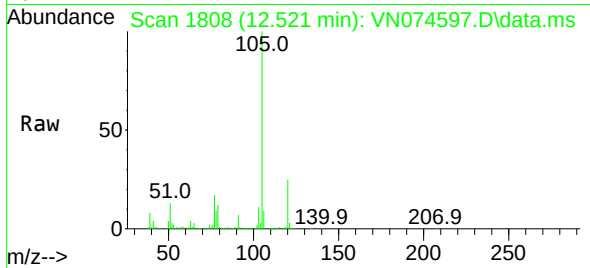
Tgt Ion:152 Resp: 496772
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 157.9 0.0 356.2





#73
Isopropylbenzene
Concen: 30.989 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

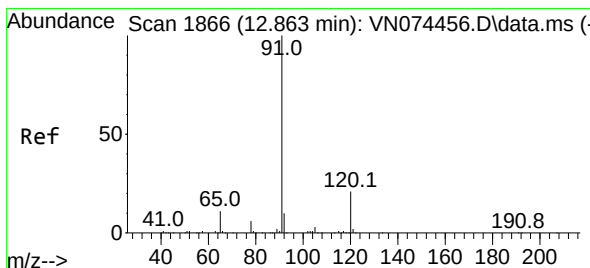
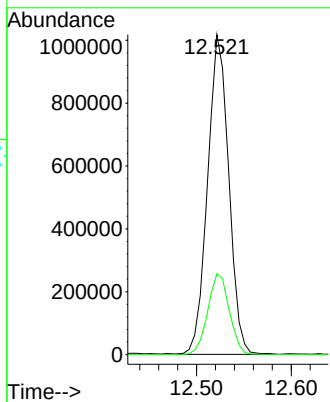
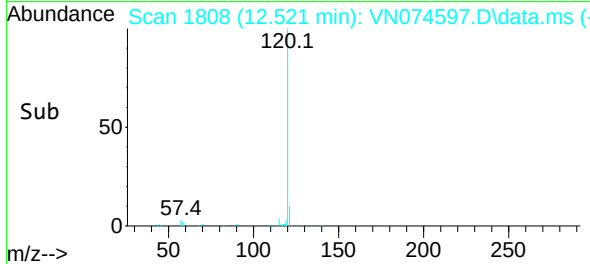
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



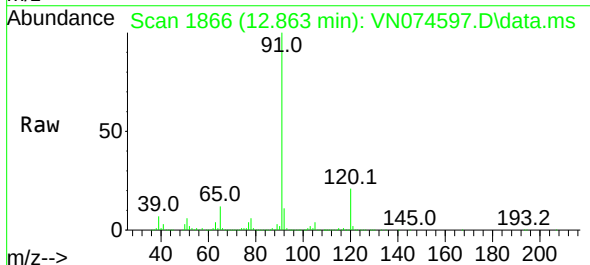
Tgt Ion:105 Resp: 1576262
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.4

Manual Integrations
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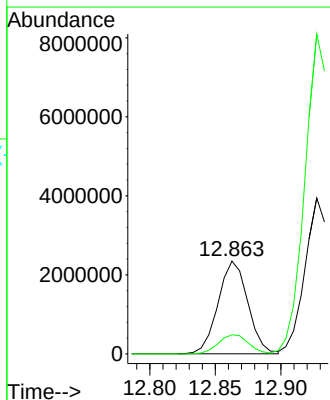
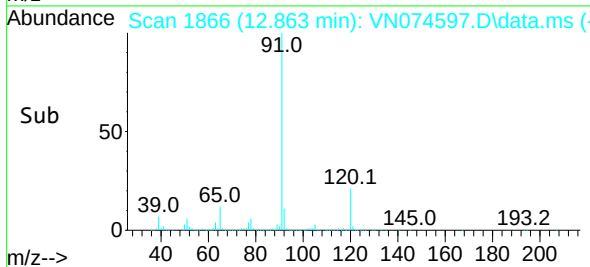
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022

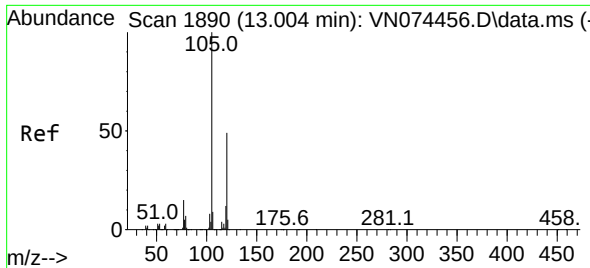


#78
n-propylbenzene
Concen: 61.041 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44



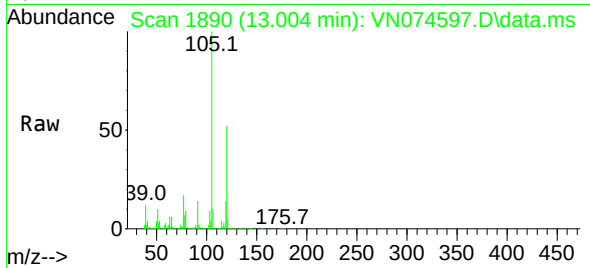
Tgt Ion: 91 Resp: 3697975
Ion Ratio Lower Upper
91 100
120 21.3 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 320.216 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

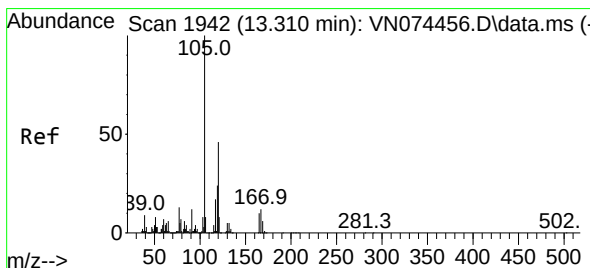
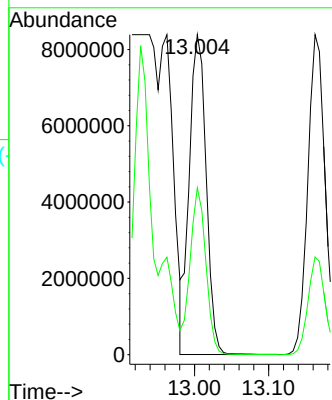
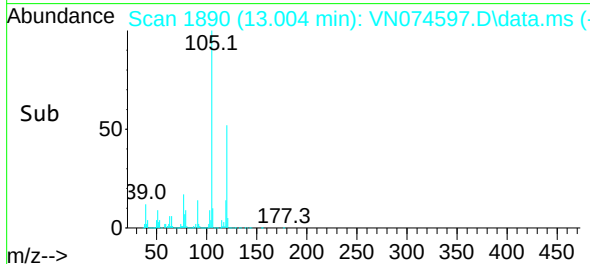
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



Tgt Ion:105 Resp:1327764
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.7

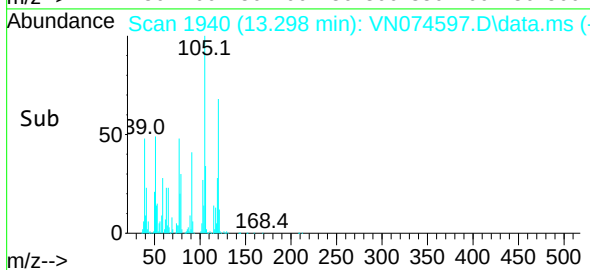
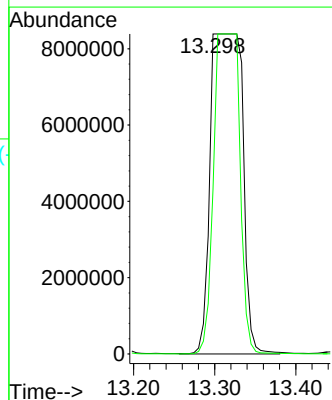
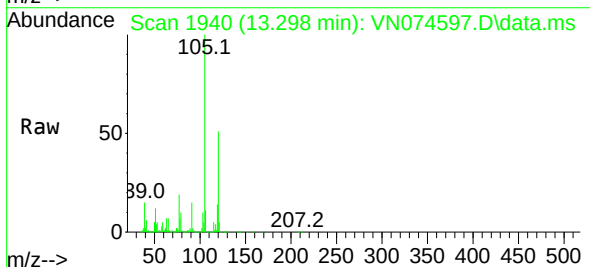
Manual Integrations
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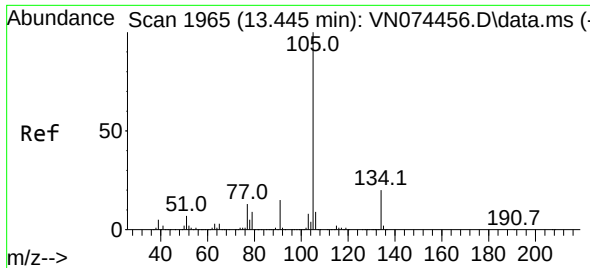
Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#84
1,2,4-Trimethylbenzene
Concen: 554.646 ug/l m
RT: 13.298 min Scan# 1940
Delta R.T. -0.012 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

Tgt Ion:105 Resp:23144286
Ion Ratio Lower Upper
105 100
120 17.5 23.3 69.8#





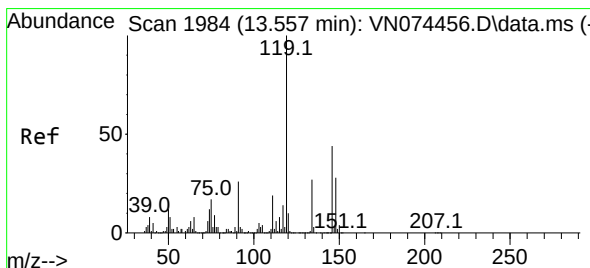
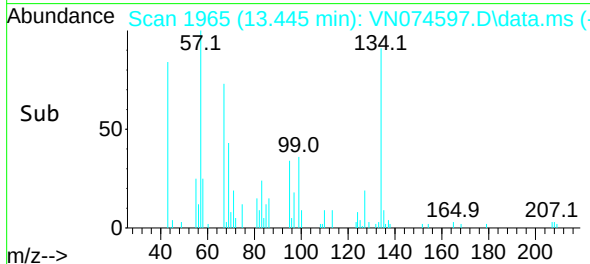
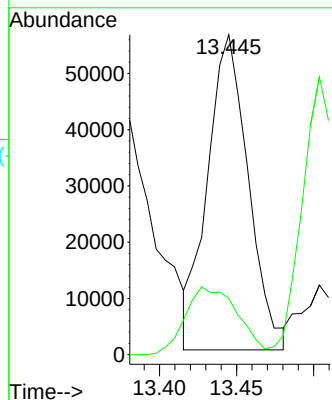
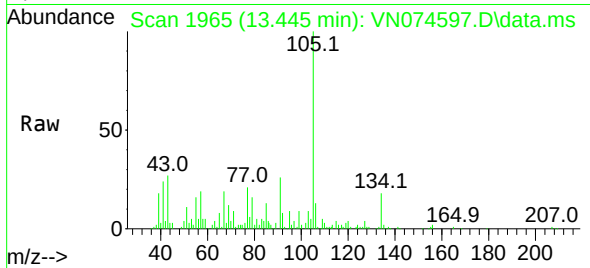
#85
 sec-Butylbenzene
 Concen: 1.995 ug/l m
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074597.D
 Acq: 19 Sep 2022 19:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-GR

Tgt Ion:105 Resp: 103370
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

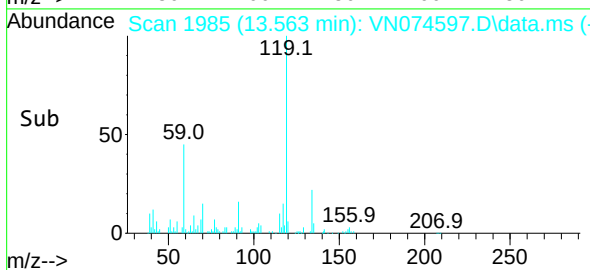
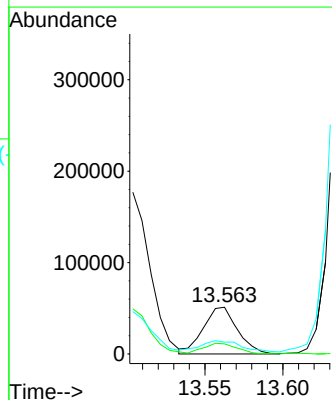
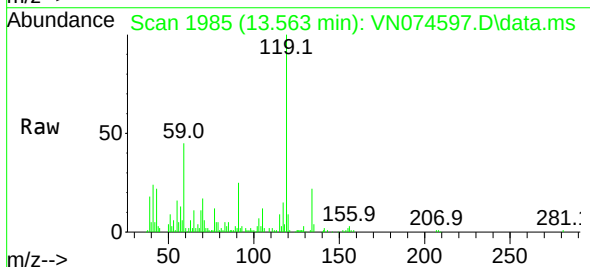
Manual Integrations
 APPROVED

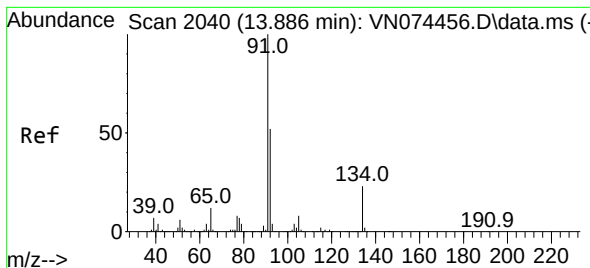
Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022



#86
 p-Isopropyltoluene
 Concen: 1.927 ug/l m
 RT: 13.563 min Scan# 1985
 Delta R.T. 0.006 min
 Lab File: VN074597.D
 Acq: 19 Sep 2022 19:44

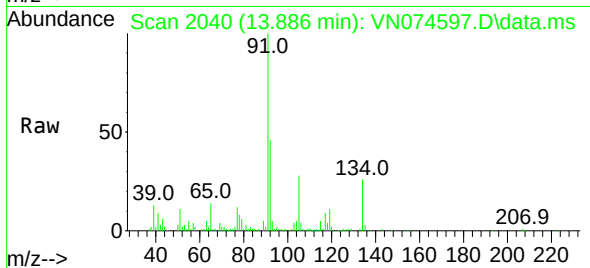
Tgt Ion:119 Resp: 77833
 Ion Ratio Lower Upper
 119 100
 134 0.0 13.3 39.8#
 91 2247.8 11.3 33.9#





#89
n-Butylbenzene
Concen: 3.575 ug/l m
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

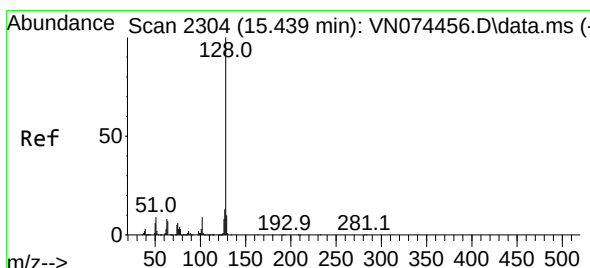
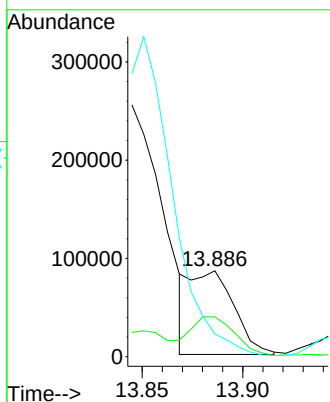
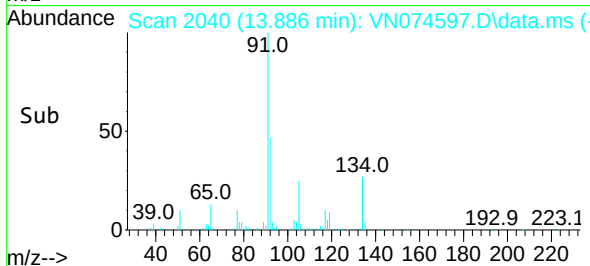
Instrument :
MSVOA_N
ClientSampleId :
MW-GR



Tgt Ion: 91 Resp: 130170
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :Krupa Patel 09/21/2022
Supervised By :Mahesh Dadoda 09/21/2022



#95
Naphthalene
Concen: 311.463 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN074597.D
Acq: 19 Sep 2022 19:44

Tgt Ion:128 Resp:13608788
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.6 13.0

