

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074310.D
 Acq On : 03 Sep 2022 01:27
 Operator : JC\MD
 Sample : N4355-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 04:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	325337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	582398	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	590146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	386242	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	210179	41.444	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	82.880%		
35) Dibromofluoromethane	7.951	113	185685	48.114	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.220%		
50) Toluene-d8	10.380	98	725759	47.691	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.380%		
62) 4-Bromofluorobenzene	12.669	95	346874	61.593	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	123.180%#		
Target Compounds					Qvalue	
16) Acetone	4.187	43	100380	47.360	ug/l #	52
25) 2-Butanone	7.263	43	33458	9.348	ug/l #	85
29) Tetrahydrofuran	7.616	42	36162	15.835	ug/l	98
31) Cyclohexane	8.028	56	2867662	423.372	ug/l	97
39) Methylcyclohexane	9.398	83	1454185	220.351	ug/l	97
40) Benzene	8.392	78	996517	57.671	ug/l	99
52) Toluene	10.445	92	1742089	163.149	ug/l	98
67) Ethyl Benzene	11.775	91	20485108m	861.378	ug/l	
68) m/p-Xylenes	11.880	106	23898858m	2692.062	ug/l	
69) o-Xylene	12.222	106	7614368	859.371	ug/l	91
73) Isopropylbenzene	12.516	105	2087448	61.719	ug/l	97
78) n-propylbenzene	12.857	91	7089221	183.372	ug/l	95
80) 1,3,5-Trimethylbenzene	12.998	105	6830420	251.876	ug/l	98
84) 1,2,4-Trimethylbenzene	13.298	105	21127453m	769.114	ug/l	
85) sec-Butylbenzene	13.439	105	275584m	8.020	ug/l	
86) p-Isopropyltoluene	13.557	119	152546m	5.699	ug/l	
89) n-Butylbenzene	13.880	91	338443	14.492	ug/l #	76
95) Naphthalene	15.433	128	13752883	485.229	ug/l	99

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

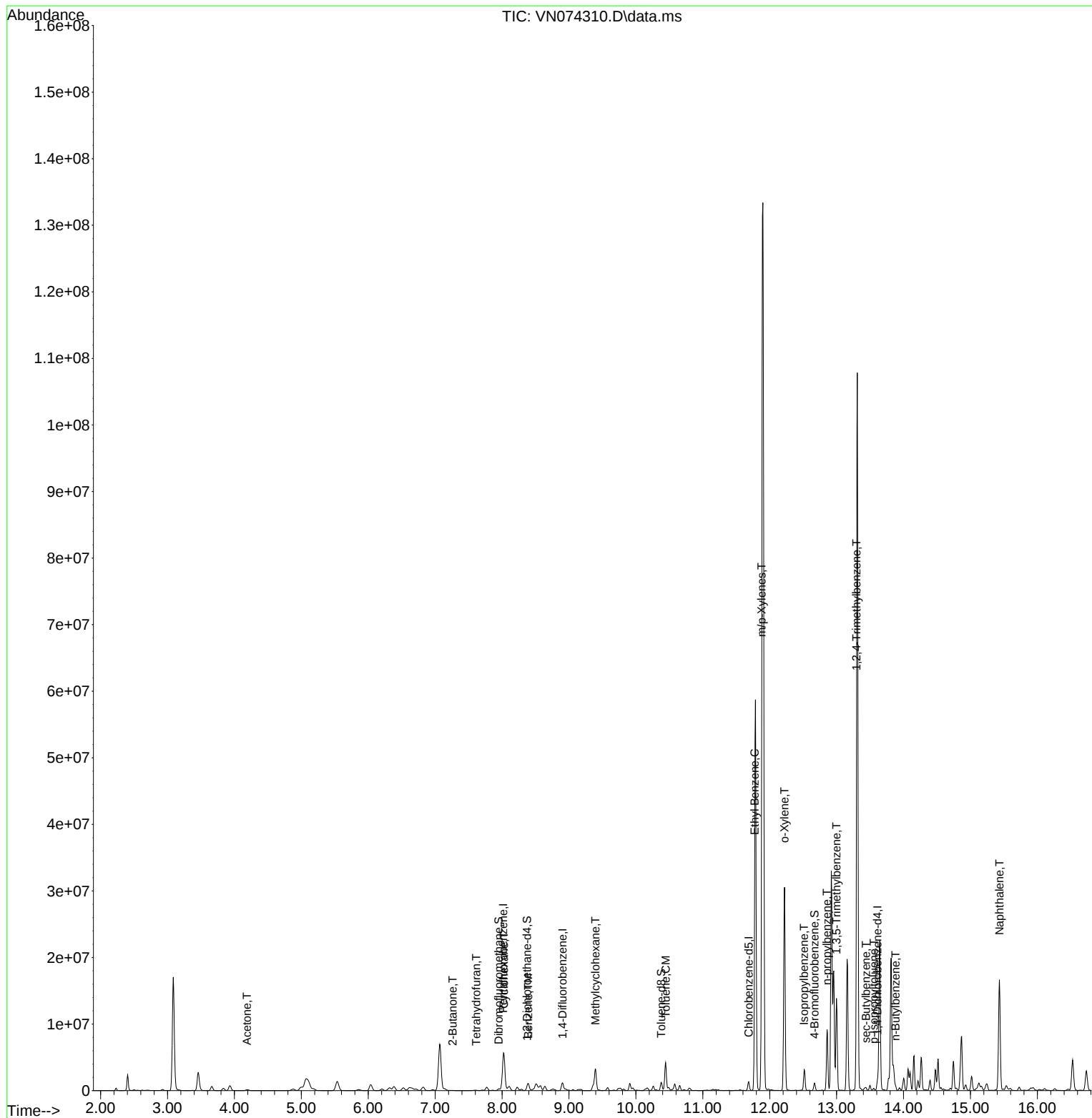
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
Data File : VN074310.D
Acq On : 03 Sep 2022 01:27
Operator : JC\MD
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 33 Sample Multiplier: 1

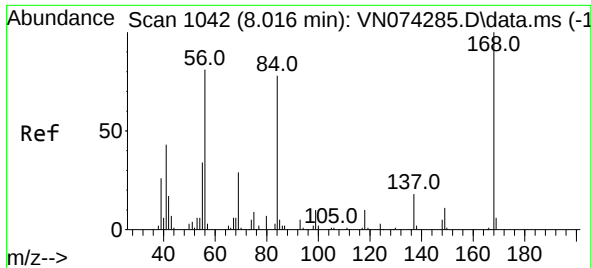
Instrument :
MSVOA_N
ClientSampleId :
MW-23

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Supervised By :Mahesh Dadoda 09/06/2022

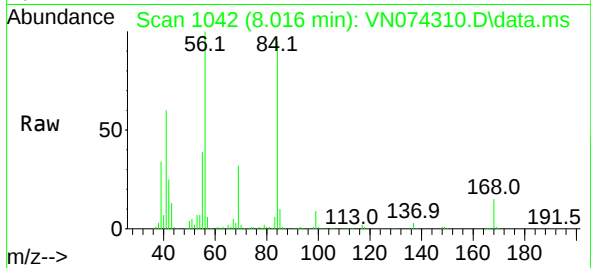
Quant Time: Sep 03 04:43:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

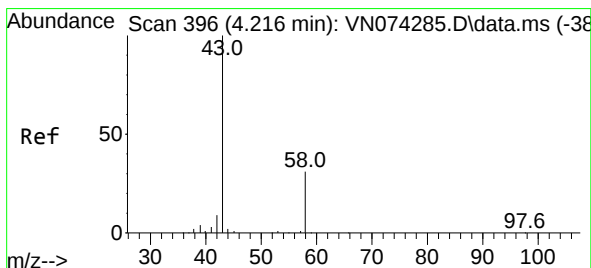
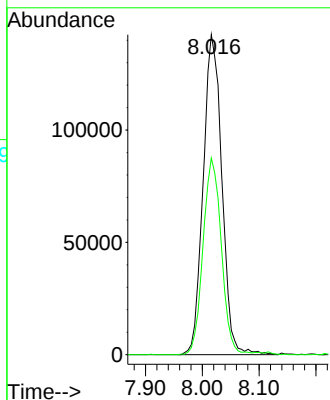
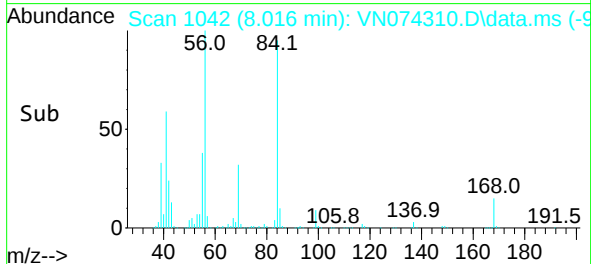
Instrument :
MSVOA_N
ClientSampleId :
MW-23



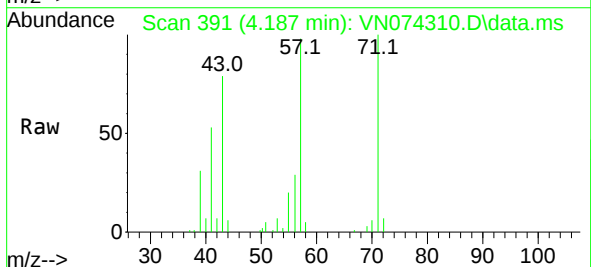
Tgt Ion:168 Resp: 32533
Ion Ratio Lower Upper
168 100
99 61.4 42.3 63.5

Manual Integrations
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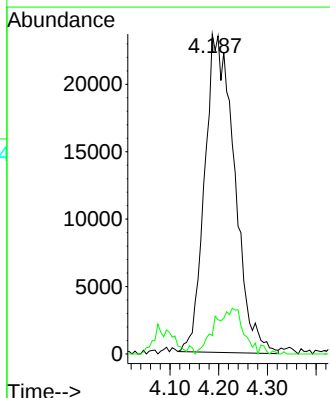
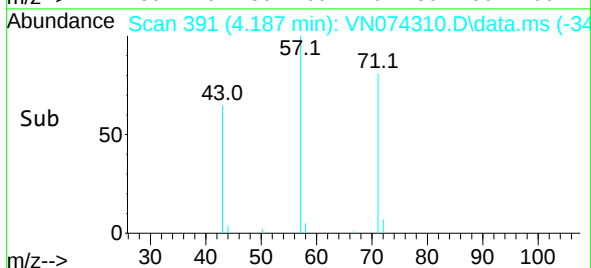
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

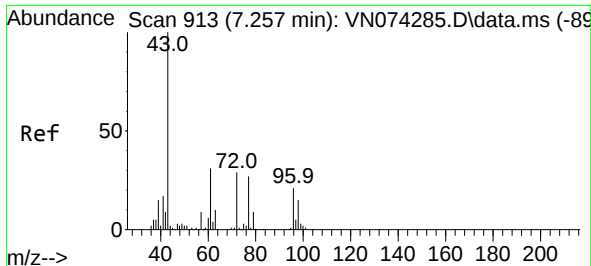


#16
Acetone
Concen: 47.360 ug/l
RT: 4.187 min Scan# 391
Delta R.T. -0.035 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27



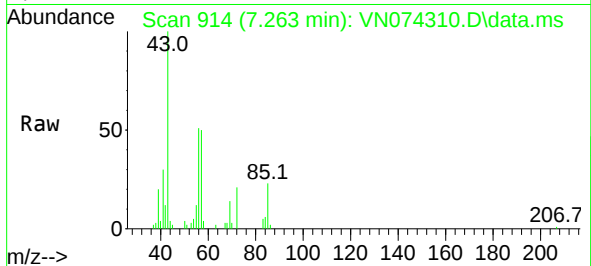
Tgt Ion: 43 Resp: 100380
Ion Ratio Lower Upper
43 100
58 5.8 26.0 39.0#





#25
2-Butanone
Concen: 9.348 ug/l
RT: 7.263 min Scan# 913
Delta R.T. 0.006 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

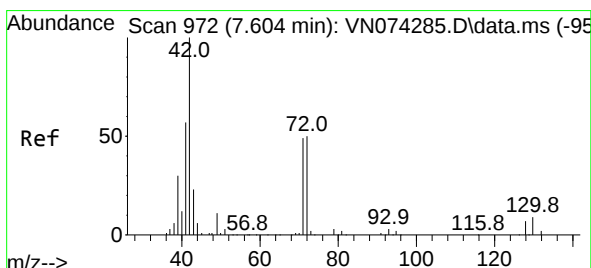
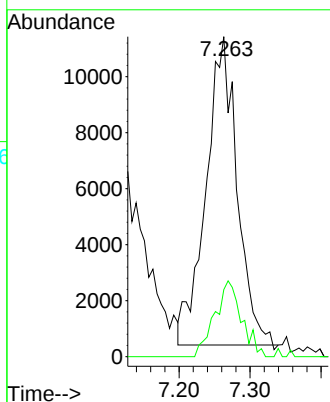
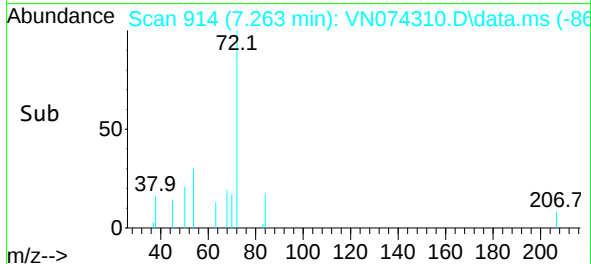
Instrument :
MSVOA_N
ClientSampleId :
MW-23



Tgt Ion: 43 Resp: 33458
Ion Ratio Lower Upper
43 100
72 21.7 23.7 35.5

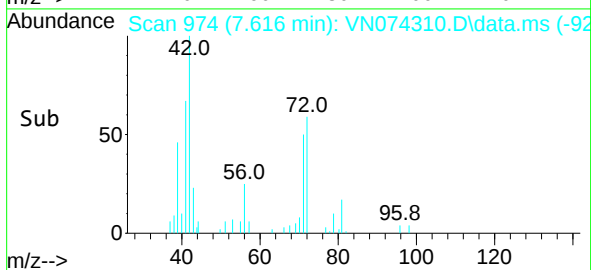
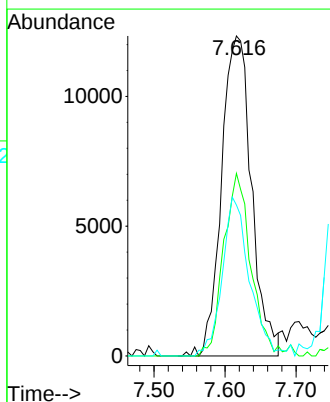
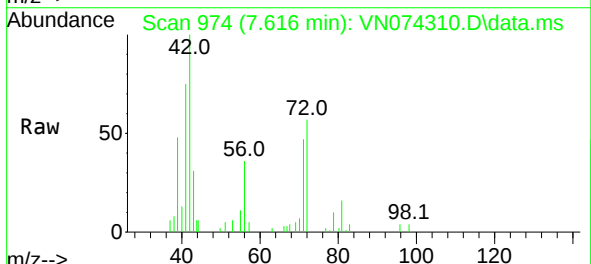
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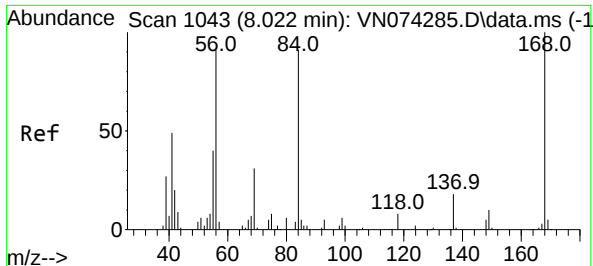
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#29
Tetrahydrofuran
Concen: 15.835 ug/l
RT: 7.616 min Scan# 974
Delta R.T. 0.006 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

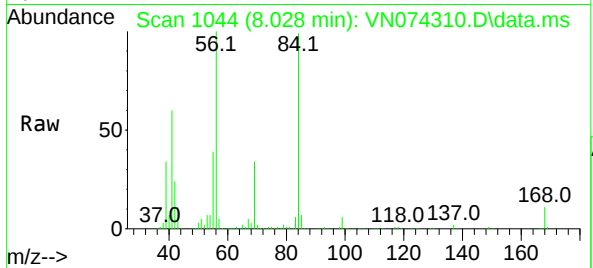
Tgt Ion: 42 Resp: 36162
Ion Ratio Lower Upper
42 100
72 51.7 39.7 59.5
71 44.9 36.6 55.0





#31
Cyclohexane
Concen: 423.372 ug/l
RT: 8.028 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

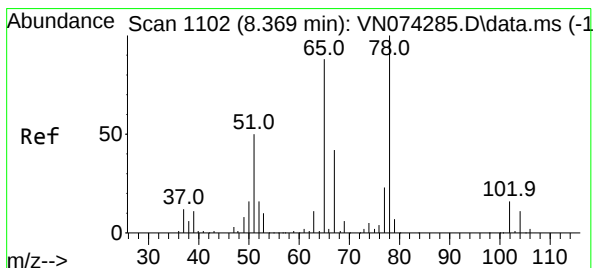
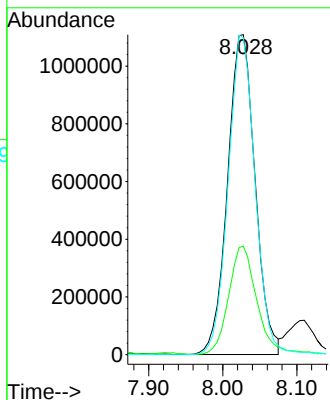
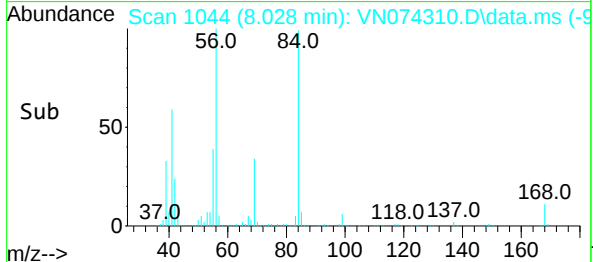
Instrument :
MSVOA_N
Client Sample Id :
MW-23



Tgt Ion: 56 Resp: 286766
Ion Ratio Lower Upper
56 100
69 33.6 27.8 41.8
84 99.1 76.9 115.3

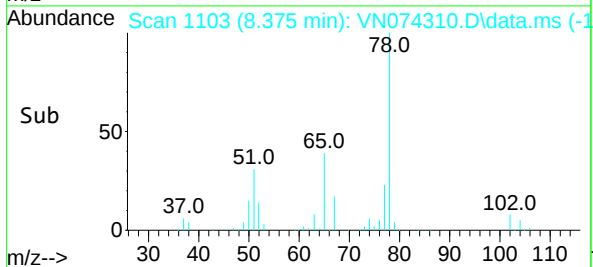
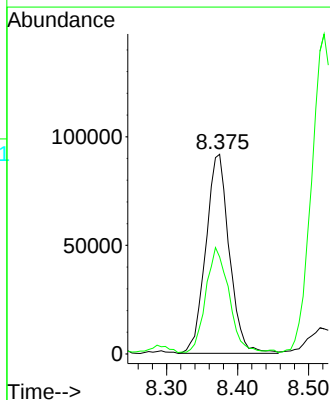
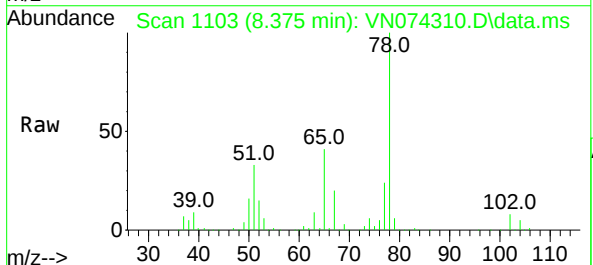
Manual Integrations
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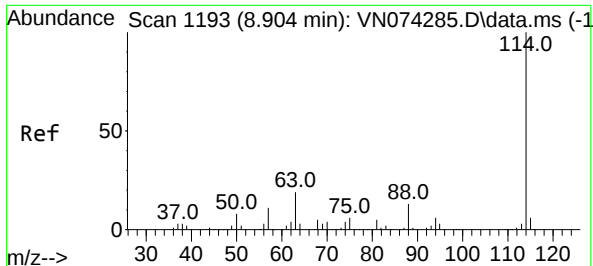
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#33
1,2-Dichloroethane-d4
Concen: 41.444 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

Tgt Ion: 65 Resp: 210179
Ion Ratio Lower Upper
65 100
67 51.4 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: VN074310.D

Acq: 03 Sep 2022 01:27

Instrument :

MSVOA_N

ClientSampleId :

MW-23

Tgt Ion:114 Resp: 582398

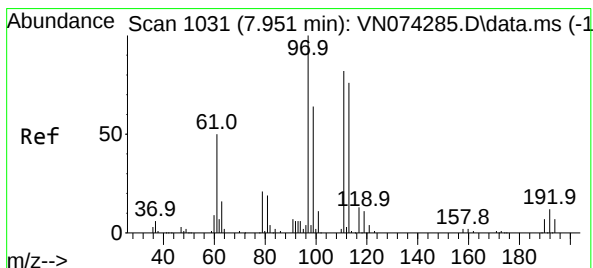
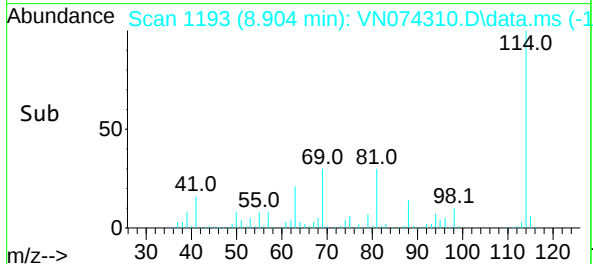
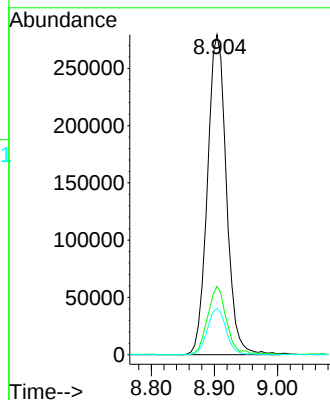
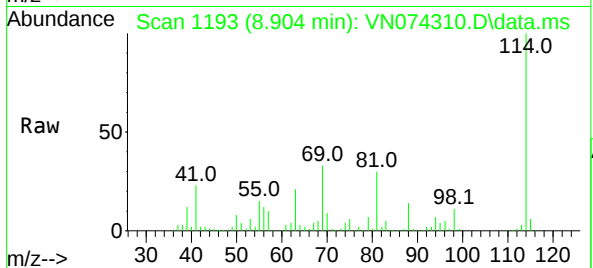
Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	40.0
88	14.4	0.0	32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/06/2022



#35

Dibromofluoromethane

Concen: 48.114 ug/l

RT: 7.951 min Scan# 1031

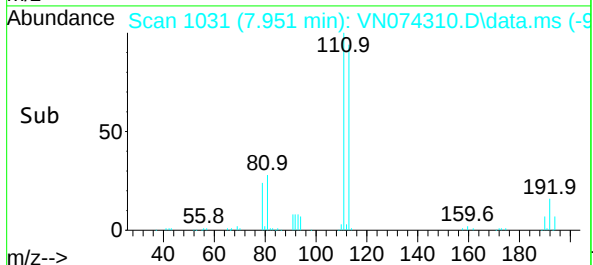
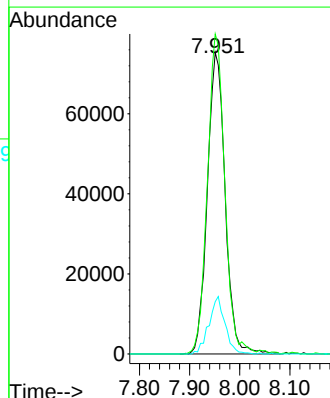
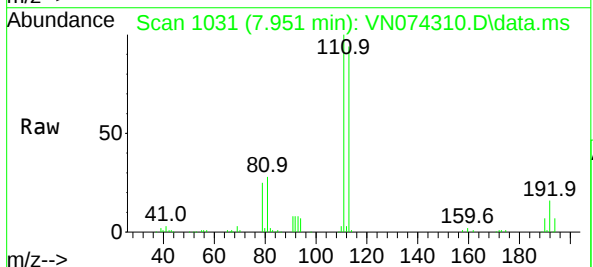
Delta R.T. 0.000 min

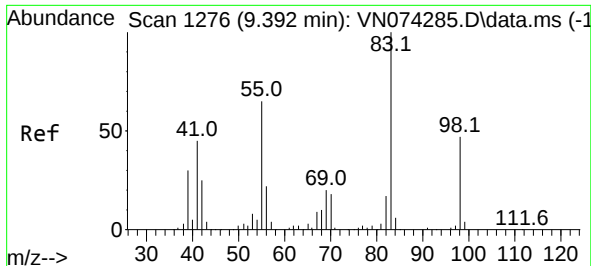
Lab File: VN074310.D

Acq: 03 Sep 2022 01:27

Tgt Ion:113 Resp: 185685

Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.4	122.0
192	17.2	17.0	25.6





#39

Methylcyclohexane

Concen: 220.351 ug/l

RT: 9.398 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN074310.D

Acq: 03 Sep 2022 01:27

Instrument :

MSVOA_N

ClientSampleId :

MW-23

Tgt Ion: 83 Resp: 145418

Ion Ratio Lower Upper

83 100

55 67.6 57.8 86.8

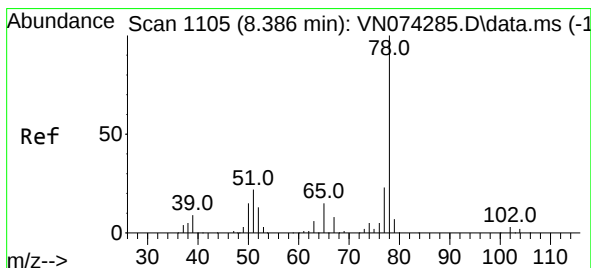
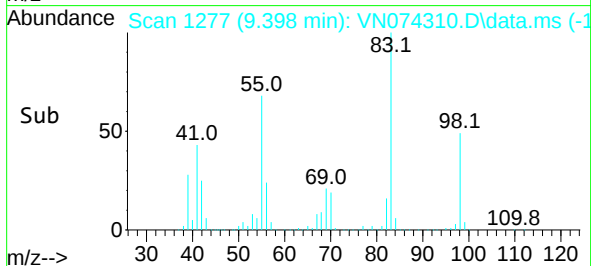
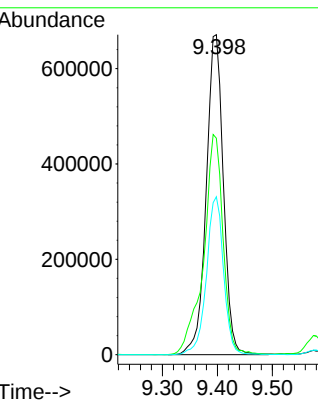
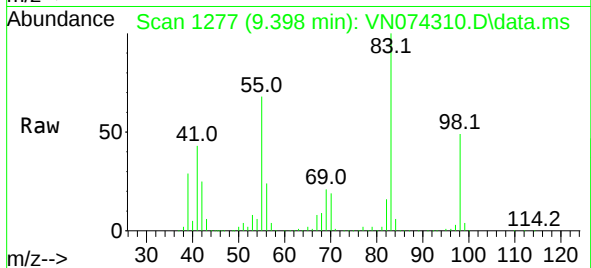
98 49.4 39.4 59.2

Manual Integrations

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Reviewed By :Krupa Patel 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#40

Benzene

Concen: 57.671 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN074310.D

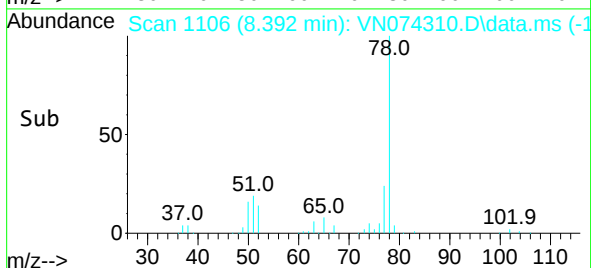
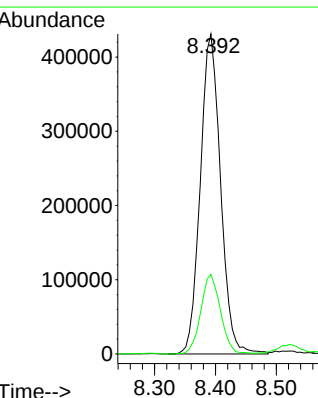
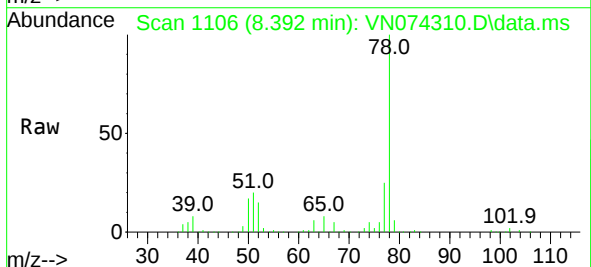
Acq: 03 Sep 2022 01:27

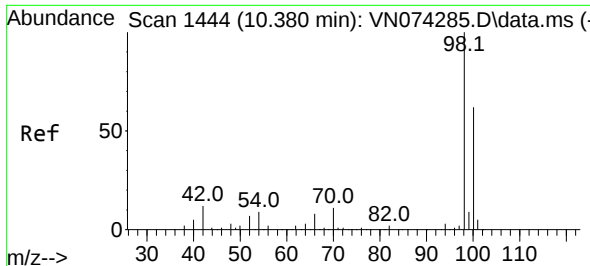
Tgt Ion: 78 Resp: 996517

Ion Ratio Lower Upper

78 100

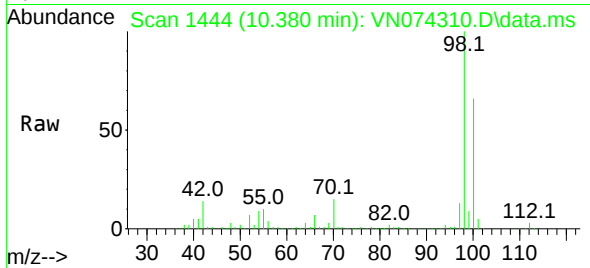
77 24.9 19.4 29.0





#50
Toluene-d8
Concen: 47.691 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

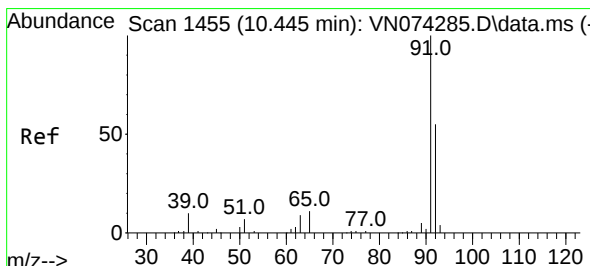
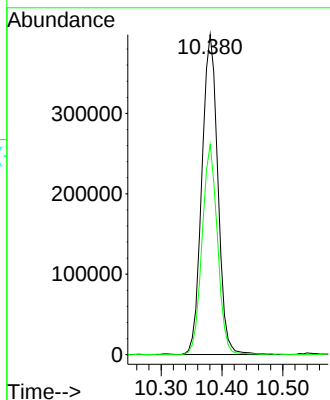
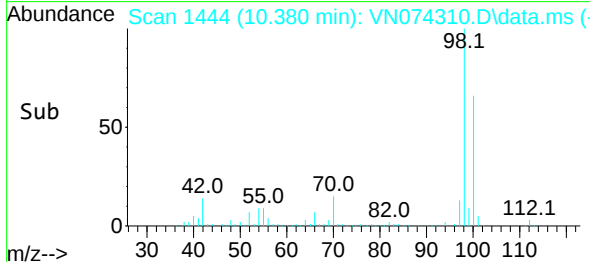
Instrument :
MSVOA_N
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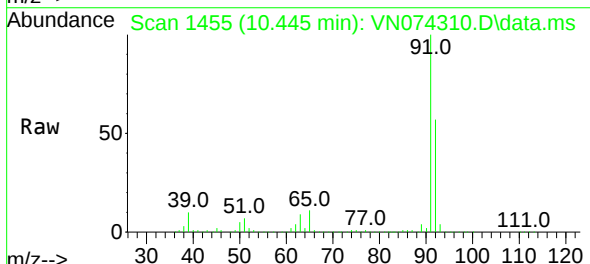
Tgt Ion: 98 Resp: 725759
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

Manual Integrations
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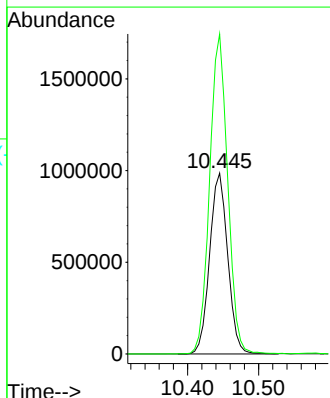
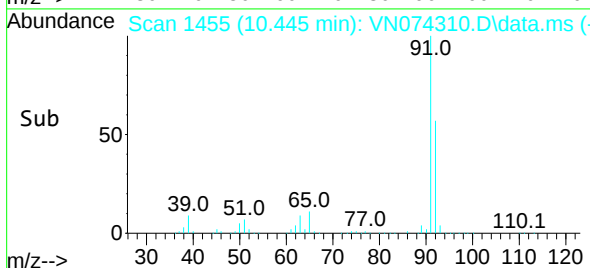
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

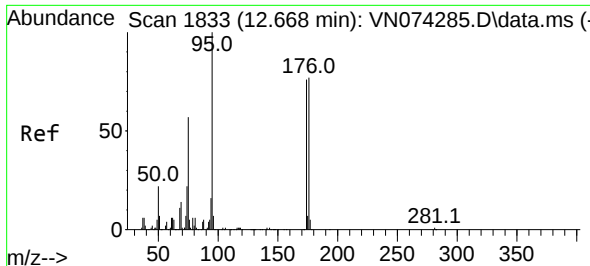


#52
Toluene
Concen: 163.149 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27



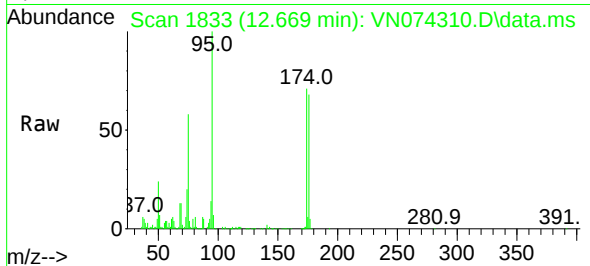
Tgt Ion: 92 Resp: 1742089
Ion Ratio Lower Upper
92 100
91 176.3 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 61.593 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

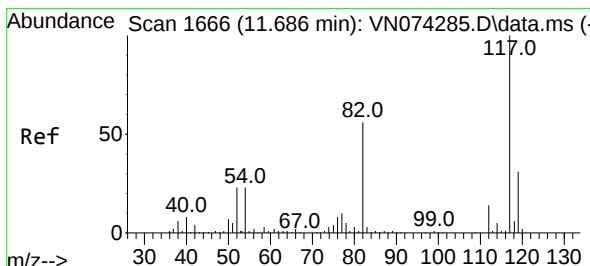
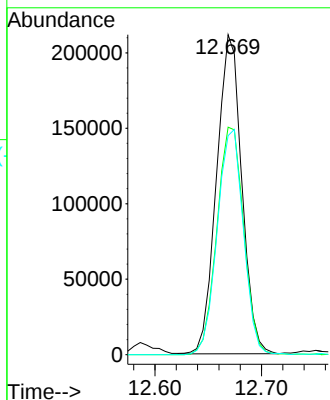
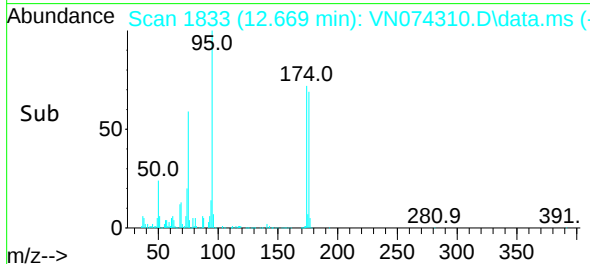
Instrument :
MSVOA_N
ClientSampleId :
MW-23



Tgt Ion: 95 Resp: 346874
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 73.3 0.0 163.4

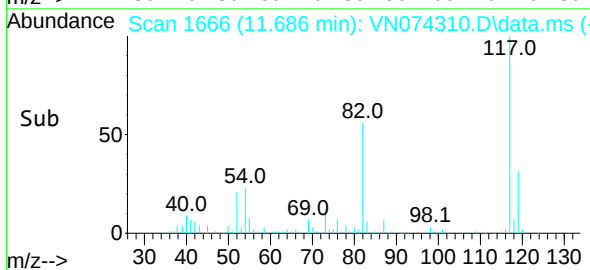
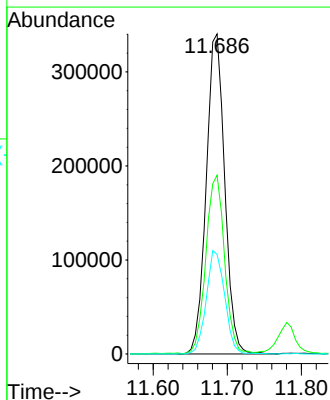
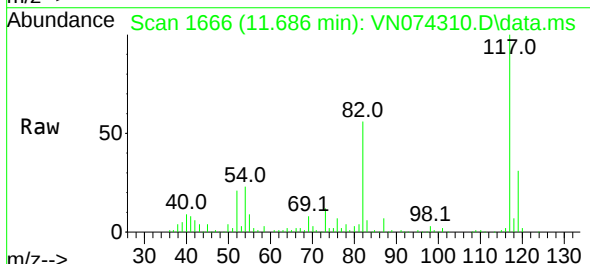
Manual Integrations
APPROVED

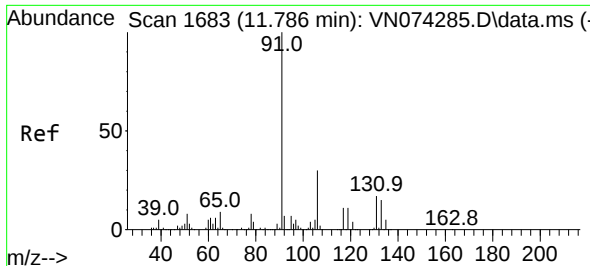
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

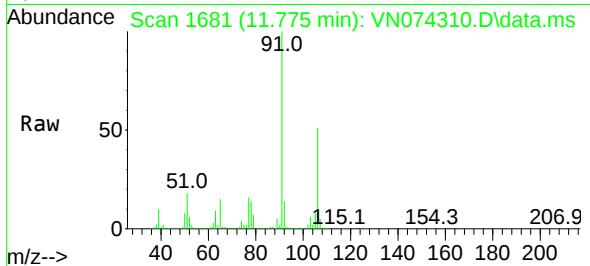
Tgt Ion:117 Resp: 590146
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 31.1 25.4 38.0





#67
Ethyl Benzene
Concen: 861.378 ug/l m
RT: 11.775 min Scan# 1681
Delta R.T. -0.011 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

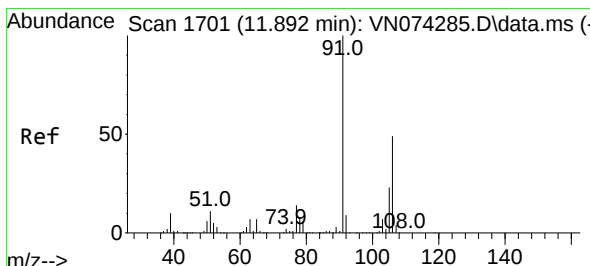
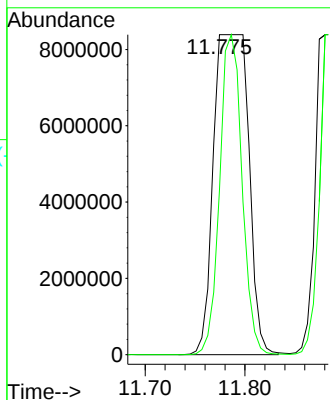
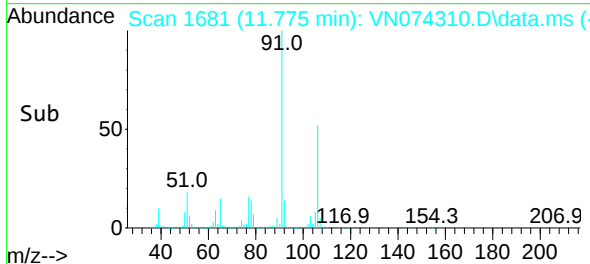
Instrument :
MSVOA_N
ClientSampleId :
MW-23



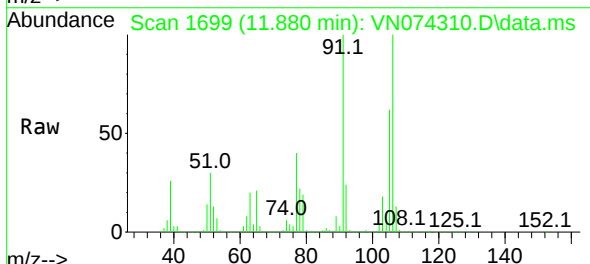
Tgt Ion: 91 Resp:20485108
Ion Ratio Lower Upper
91 100
106 51.5 24.9 37.3#

Manual Integrations
APPROVED

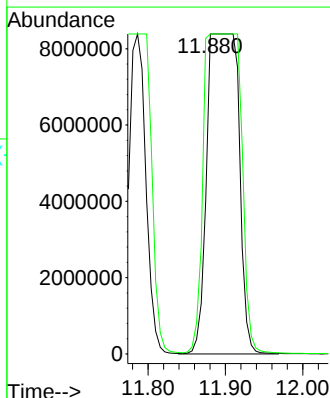
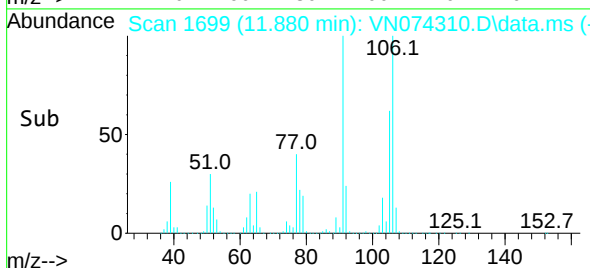
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

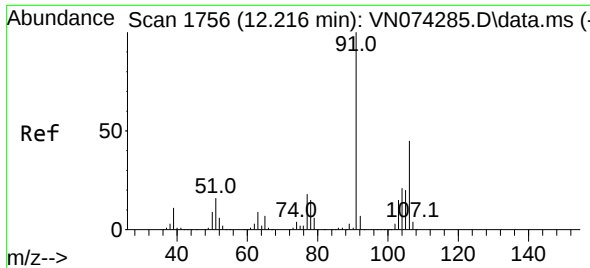


#68
m/p-Xylenes
Concen: 2692.062 ug/l m
RT: 11.880 min Scan# 1699
Delta R.T. -0.012 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27



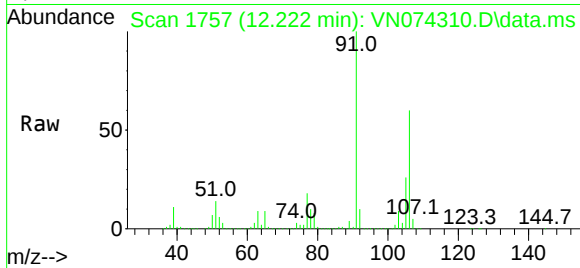
Tgt Ion:106 Resp:23898858
Ion Ratio Lower Upper
106 100
91 0.0 158.9 238.3#





#69
o-Xylene
Concen: 859.371 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.001 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

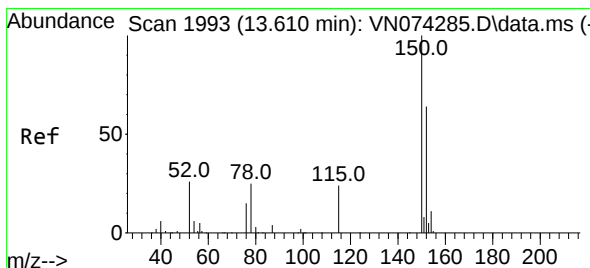
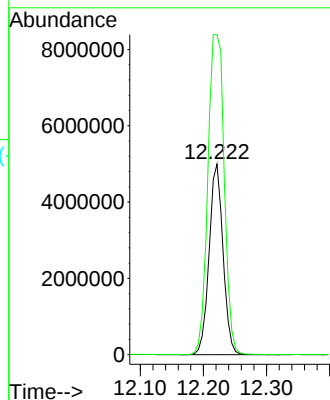
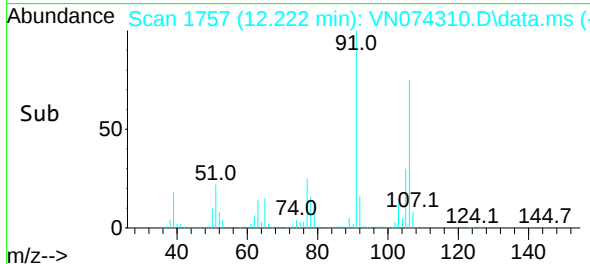
Instrument :
MSVOA_N
ClientSampleId :
MW-23



Tgt Ion:106 Resp: 7614368
Ion Ratio Lower Upper
106 100
91 198.0 106.0 318.0

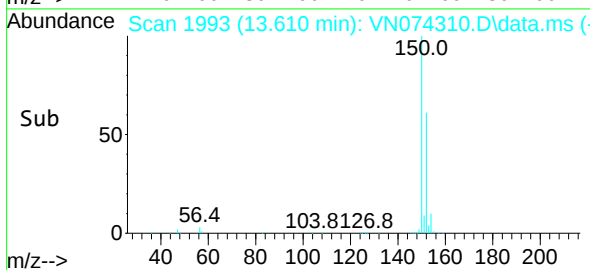
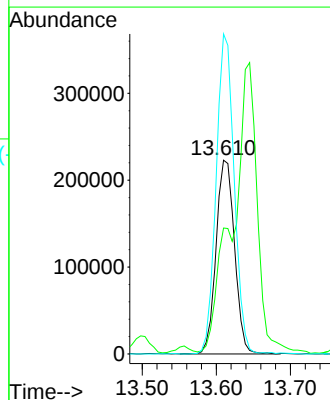
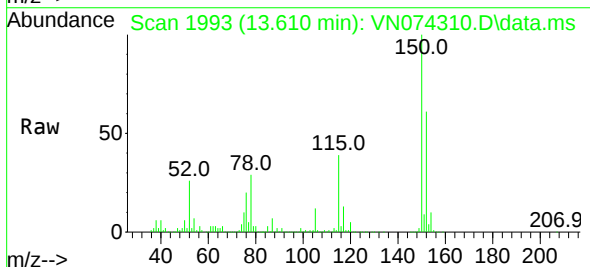
Manual Integrations
APPROVED

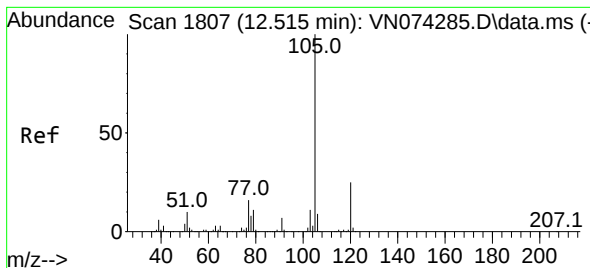
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

Tgt Ion:152 Resp: 386242
Ion Ratio Lower Upper
152 100
115 0.0 28.9 86.7#
150 161.7 0.0 356.2





#73

Isopropylbenzene

Concen: 61.719 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN074310.D

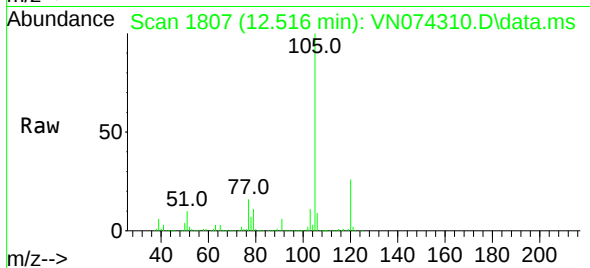
Acq: 03 Sep 2022 01:27

Instrument :

MSVOA_N

ClientSampleId :

MW-23



Tgt Ion: 105 Resp: 208744

Ion Ratio Lower Upper

105 100

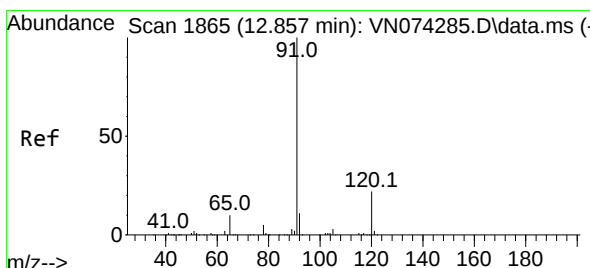
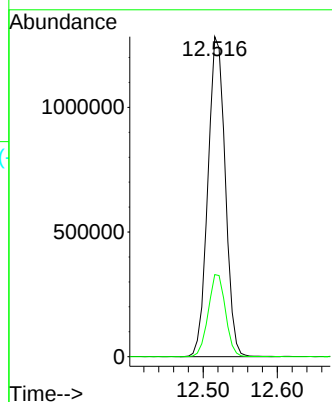
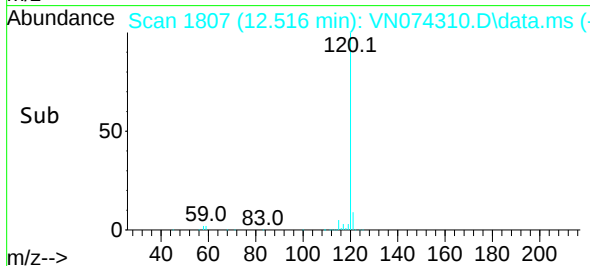
120 25.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 09/06/2022

Supervised By :Mahesh Dadoda 09/06/2022



#78

n-propylbenzene

Concen: 183.372 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. -0.006 min

Lab File: VN074310.D

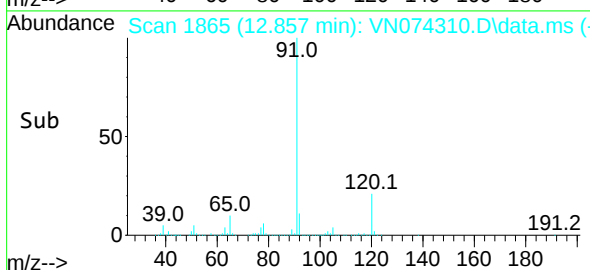
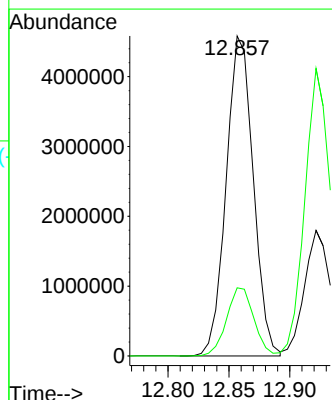
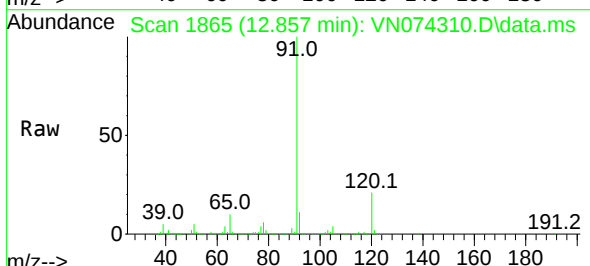
Acq: 03 Sep 2022 01:27

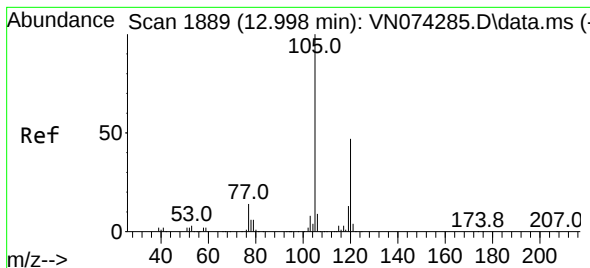
Tgt Ion: 91 Resp: 7089221

Ion Ratio Lower Upper

91 100

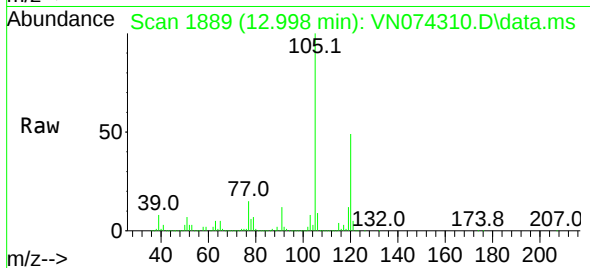
120 21.4 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 251.876 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

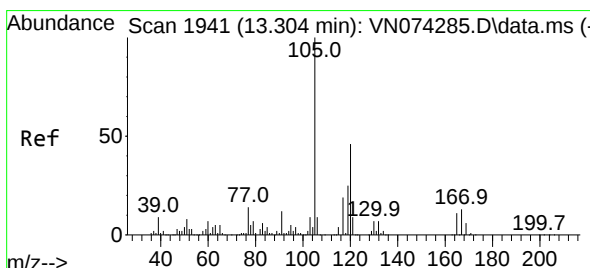
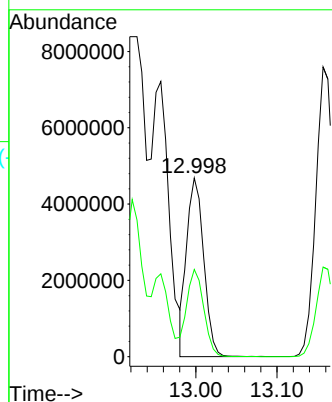
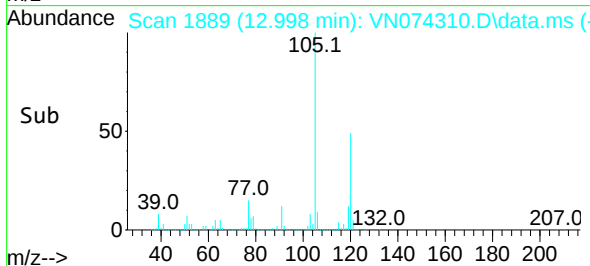
Instrument :
MSVOA_N
ClientSampleId :
MW-23



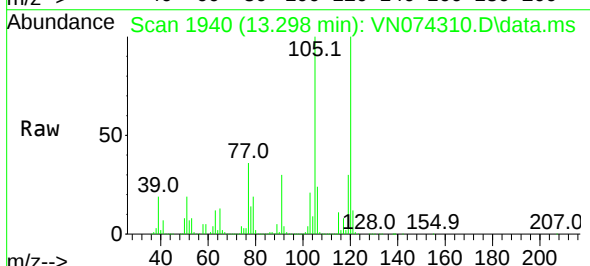
Tgt Ion:105 Resp: 6830420
Ion Ratio Lower Upper
105 100
120 50.9 24.9 74.7

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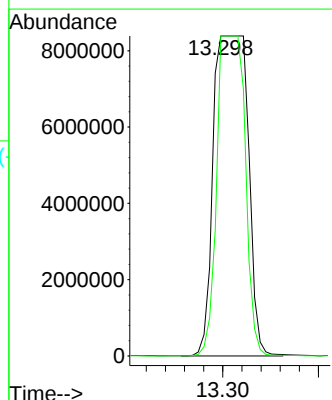
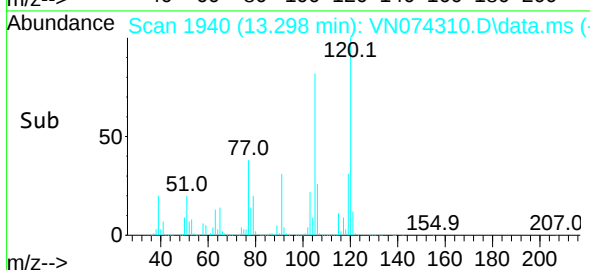
Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022

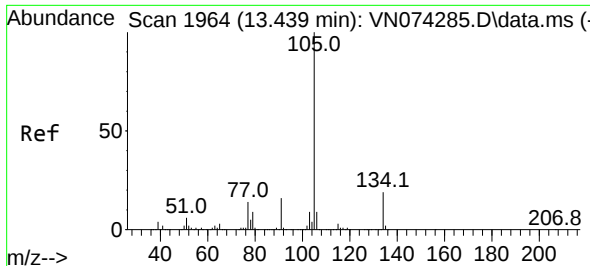


#84
1,2,4-Trimethylbenzene
Concen: 769.114 ug/l m
RT: 13.298 min Scan# 1940
Delta R.T. -0.012 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27



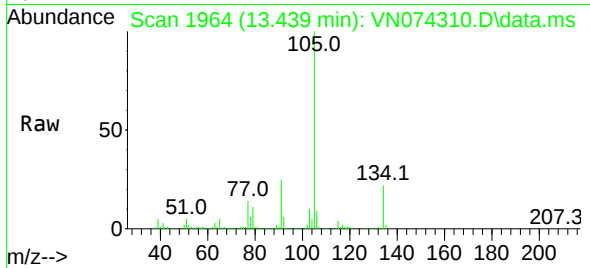
Tgt Ion:105 Resp:21127453
Ion Ratio Lower Upper
105 100
120 17.3 23.3 69.8#





#85
 sec-Butylbenzene
 Concen: 8.020 ug/l m
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN074310.D
 Acq: 03 Sep 2022 01:27

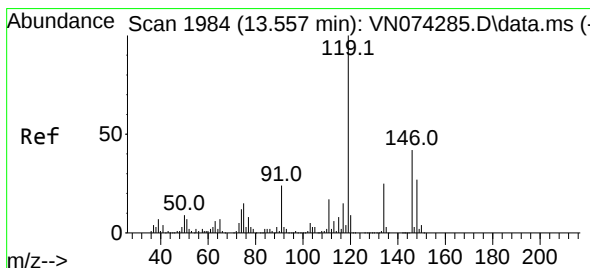
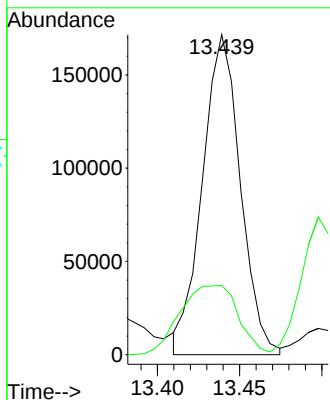
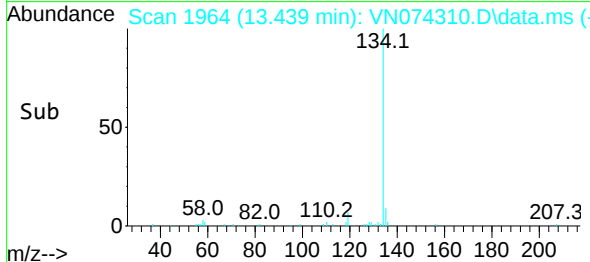
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23



Tgt Ion:105 Resp: 275584
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1#

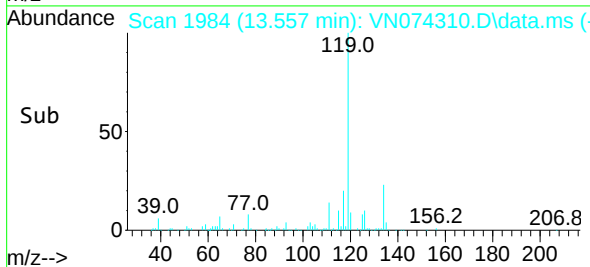
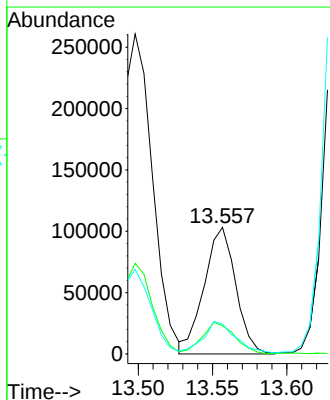
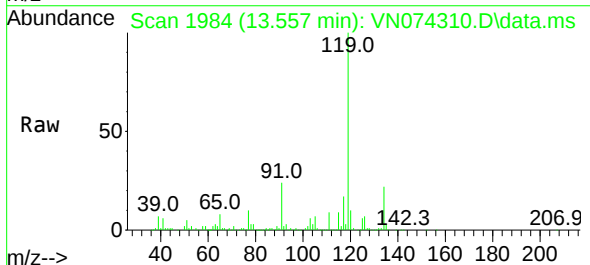
Manual Integrations
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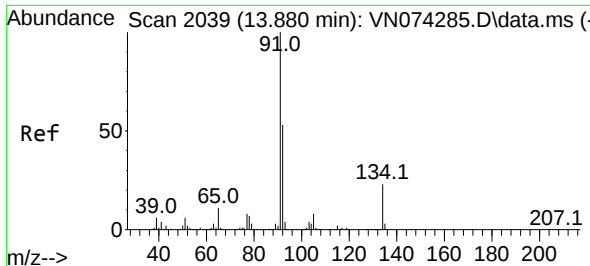
Reviewed By :Krupa Patel 09/06/2022
 Supervised By :Mahesh Dadoda 09/06/2022



#86
 p-Isopropyltoluene
 Concen: 5.699 ug/l m
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN074310.D
 Acq: 03 Sep 2022 01:27

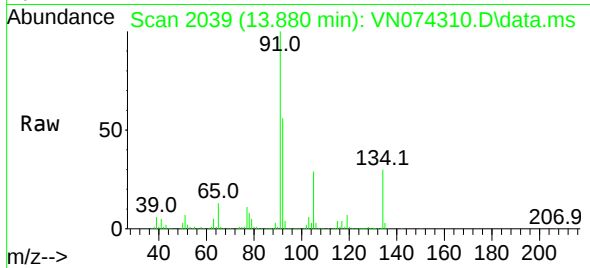
Tgt Ion:119 Resp: 152546
 Ion Ratio Lower Upper
 119 100
 134 73.6 13.3 39.8#
 91 0.0 11.3 33.9#





#89
n-Butylbenzene
Concen: 14.492 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

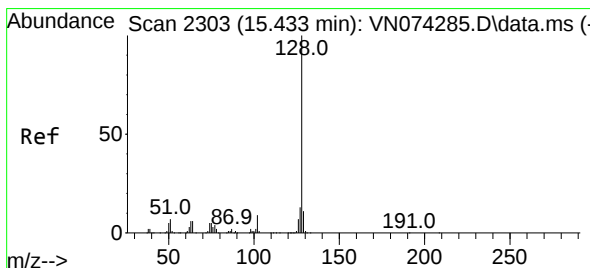
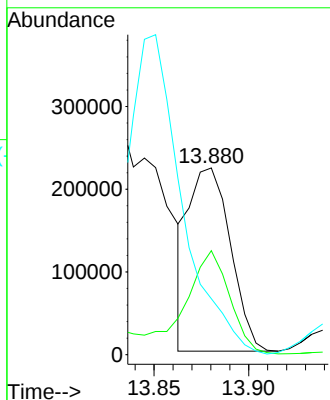
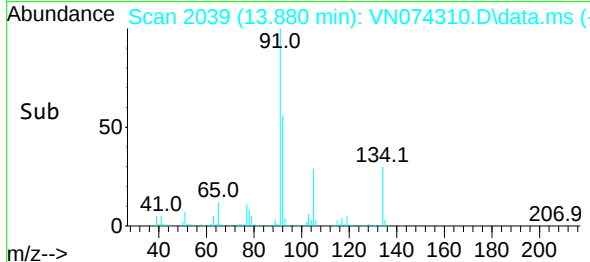
Instrument :
MSVOA_N
ClientSampleId :
MW-23



Tgt Ion: 91 Resp: 33844
Ion Ratio Lower Upper
91 100
92 60.2 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :Krupa Patel 09/06/2022
Supervised By :Mahesh Dadoda 09/06/2022



#95
Naphthalene
Concen: 485.229 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN074310.D
Acq: 03 Sep 2022 01:27

Tgt Ion:128 Resp:13752883
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 8.6 13.0

