

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074535.D
 Acq On : 17 Sep 2022 02:07
 Operator : JC\MD
 Sample : N4549-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-51

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

Quant Time: Sep 17 06:18:32 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	299935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	597729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	578006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	259008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	243089	47.766	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.540%		
35) Dibromofluoromethane	7.951	113	197986	49.863	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.720%		
50) Toluene-d8	10.380	98	724628	47.189	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.380%		
62) 4-Bromofluorobenzene	12.674	95	280367	53.309	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.620%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.287	59	20654m	12.459	ug/l	
16) Acetone	4.198	43	19075m	5.857	ug/l	
19) Methyl tert-butyl Ether	5.522	73	106509	6.397	ug/l	100
31) Cyclohexane	8.022	56	26324	2.914	ug/l #	79
40) Benzene	8.392	78	206242	9.490	ug/l	97
52) Toluene	10.439	92	3440	0.270	ug/l	76
68) m/p-Xylenes	11.904	106	8239	0.836	ug/l	99
69) o-Xylene	12.227	106	3971	0.395	ug/l	77
73) Isopropylbenzene	12.521	105	61997	2.338	ug/l	98
78) n-propylbenzene	12.863	91	59337	1.879	ug/l	98
85) sec-Butylbenzene	13.445	105	7821	0.289	ug/l #	56

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

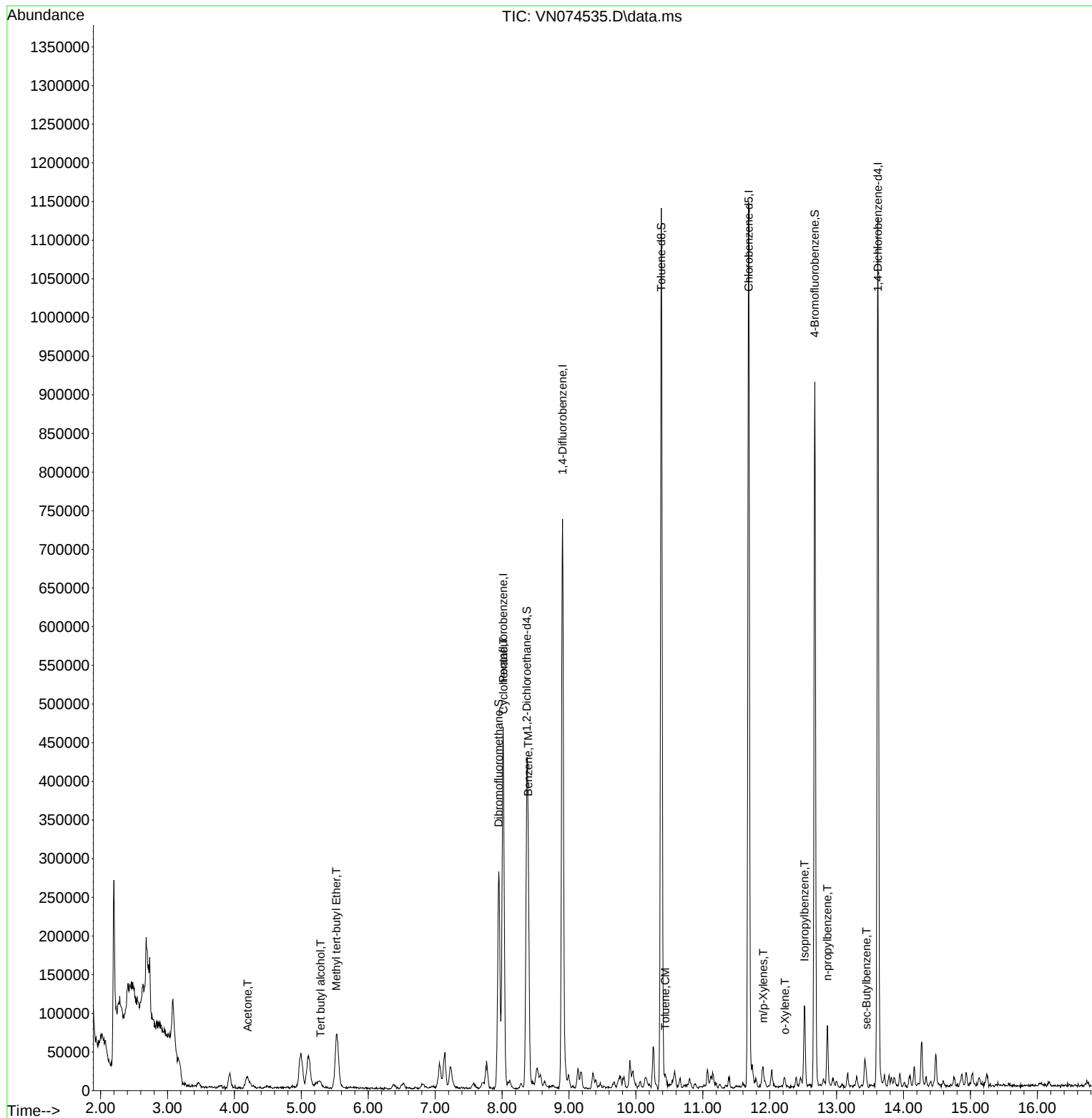
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
Data File : VN074535.D
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ALS Vial : 41 Sample Multiplier: 1

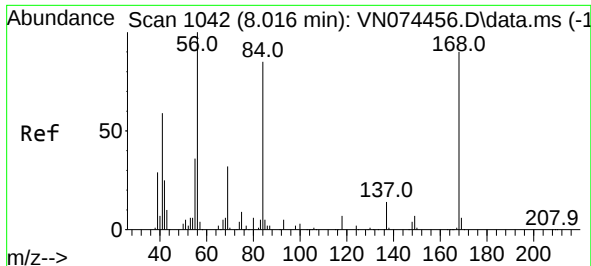
Instrument :
MSVOA_N
ClientSampleId :
MW-51

Quant Time: Sep 17 06:18:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
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APPROVED

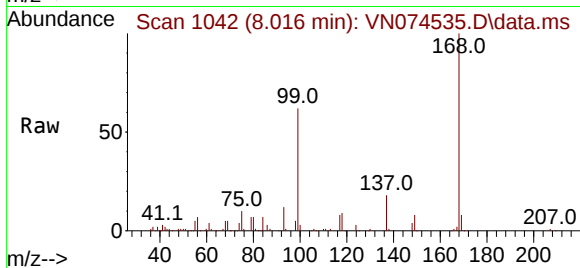
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

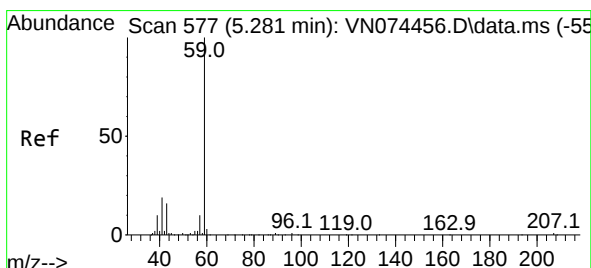
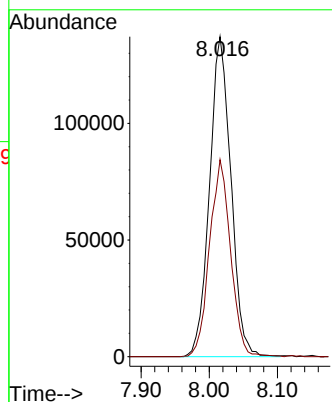
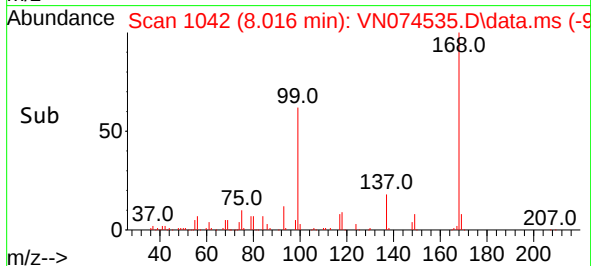
Instrument :
MSVOA_N
ClientSampleId :
MW-51



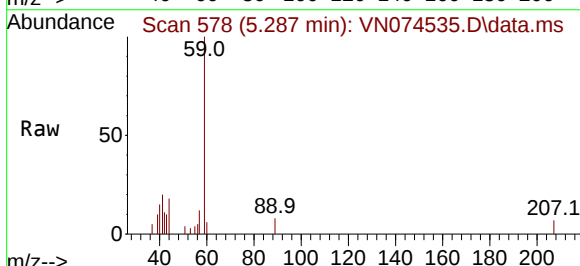
Tgt Ion:168 Resp: 299938
Ion Ratio Lower Upper
168 100
99 61.5 42.3 63.5

Manual Integrations
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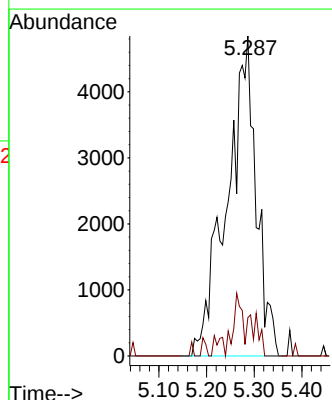
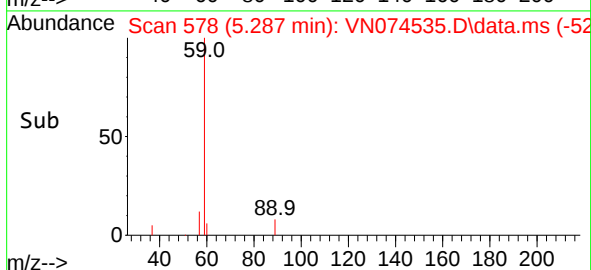
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

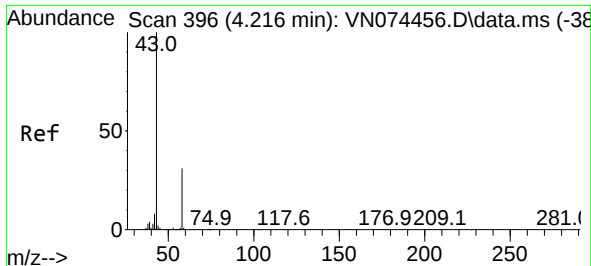


#11
Tert butyl alcohol
Concen: 12.459 ug/l m
RT: 5.287 min Scan# 578
Delta R.T. 0.006 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07



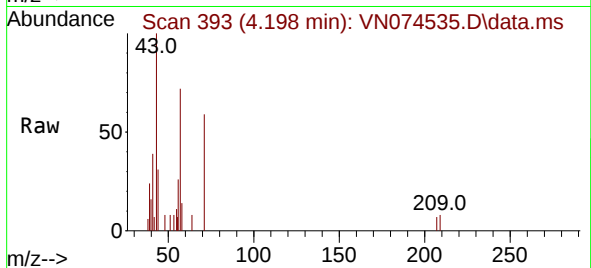
Tgt Ion: 59 Resp: 20654
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 5.857 ug/l m
RT: 4.198 min Scan# 396
Delta R.T. -0.018 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

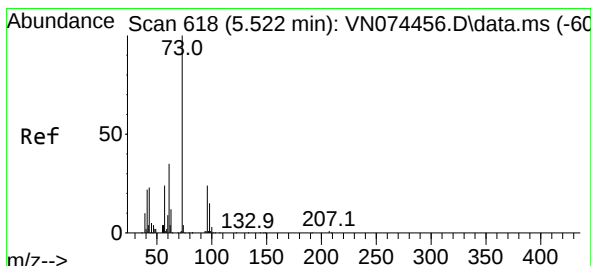
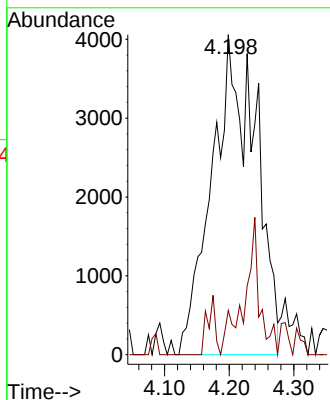
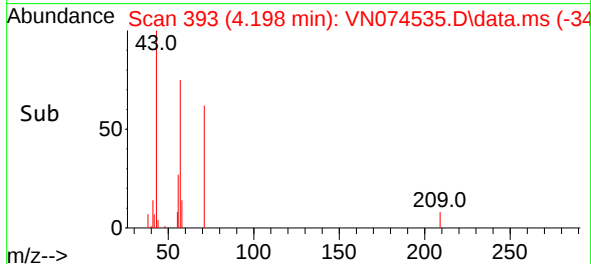
Instrument :
MSVOA_N
ClientSampleId :
MW-51



Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
58 13.8 26.0 39.0

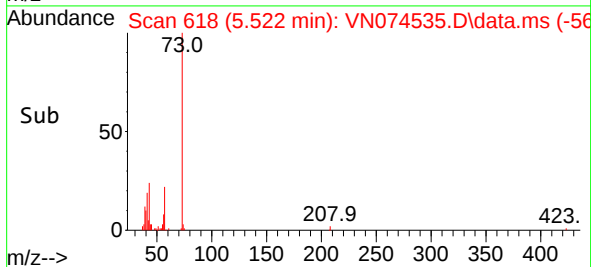
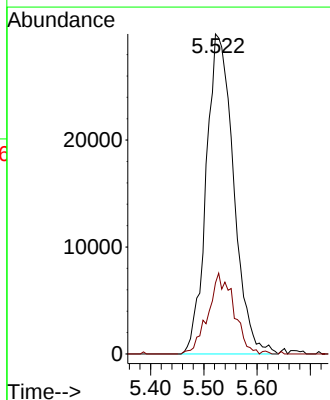
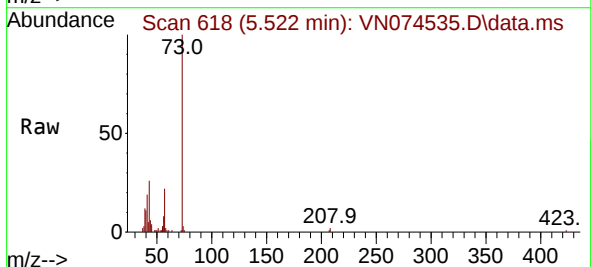
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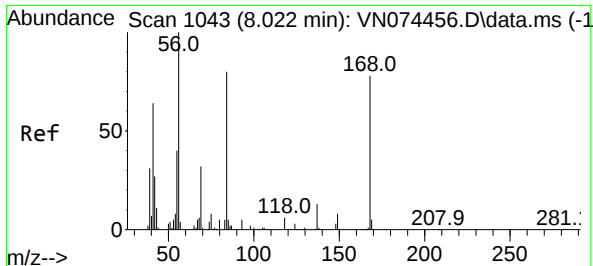
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#19
Methyl tert-butyl Ether
Concen: 6.397 ug/l
RT: 5.522 min Scan# 618
Delta R.T. -0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

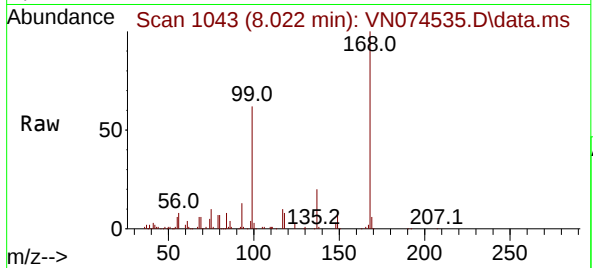
Tgt Ion: 73 Resp: 106509
Ion Ratio Lower Upper
73 100
57 22.2 17.6 26.4





#31
Cyclohexane
Concen: 2.914 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

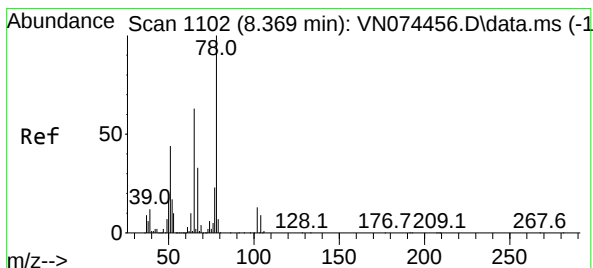
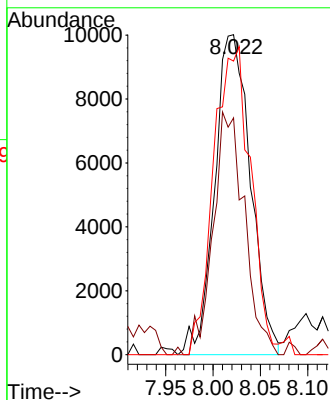
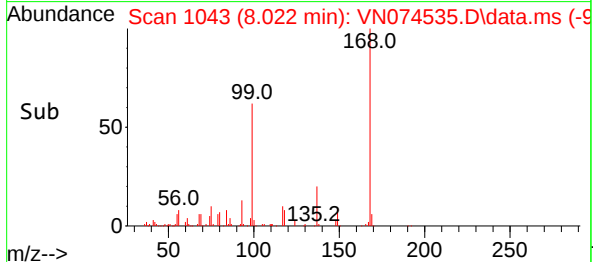
Instrument :
MSVOA_N
ClientSampleId :
MW-51



Tgt Ion: 56 Resp: 26324
Ion Ratio Lower Upper
56 100
69 75.2 27.8 41.8
84 93.2 76.9 115.3

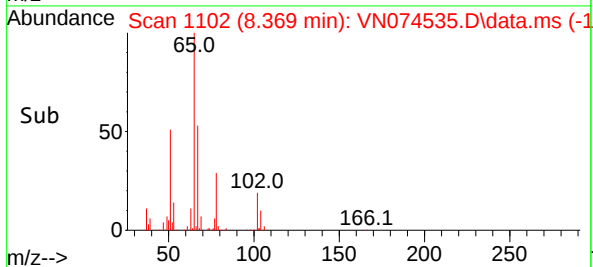
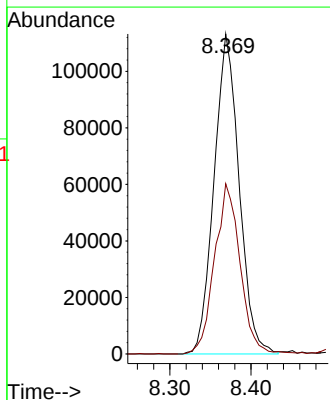
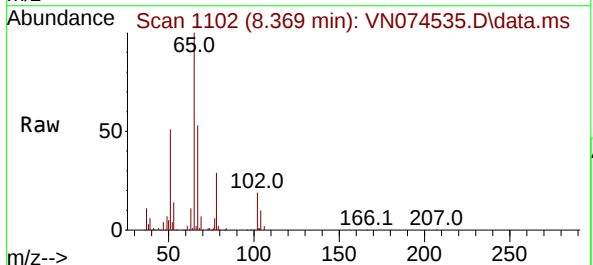
Manual Integrations
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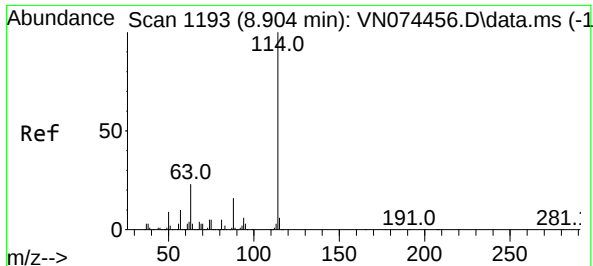
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#33
1,2-Dichloroethane-d4
Concen: 47.766 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

Tgt Ion: 65 Resp: 243089
Ion Ratio Lower Upper
65 100
67 54.2 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: VN074535.D

Acq: 17 Sep 2022 02:07

Instrument :

MSVOA_N

ClientSampleId :

MW-51

Tgt Ion:114 Resp: 597729

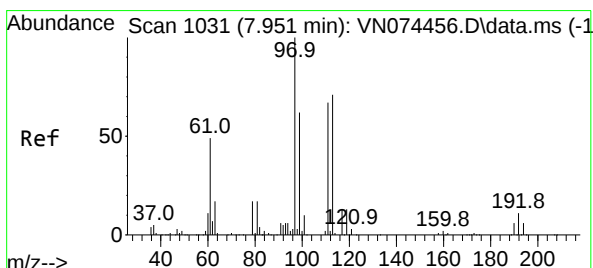
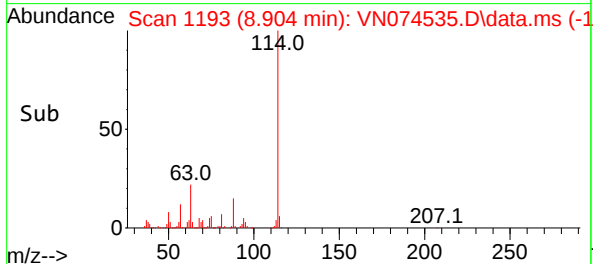
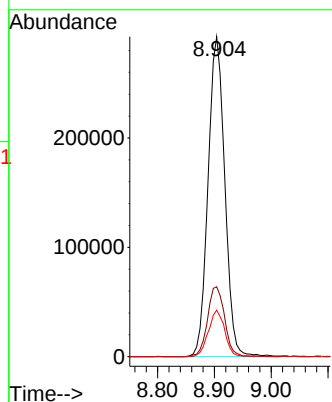
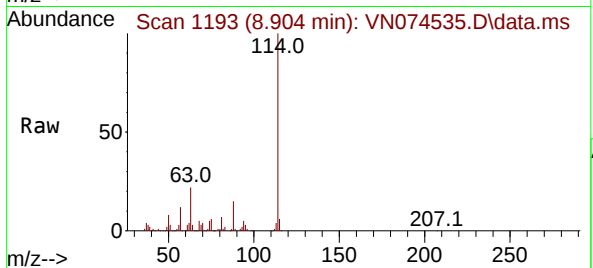
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	40.0
88	14.6	0.0	32.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#35

Dibromofluoromethane

Concen: 49.863 ug/l

RT: 7.951 min Scan# 1031

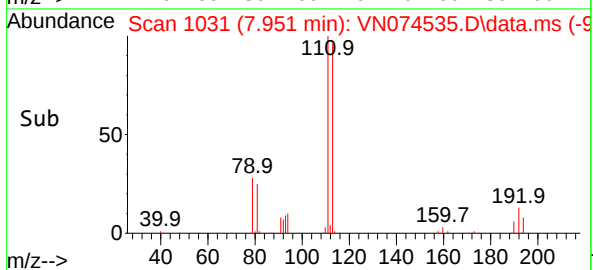
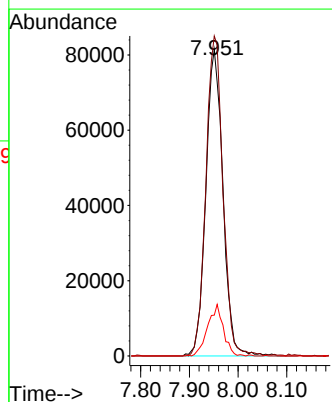
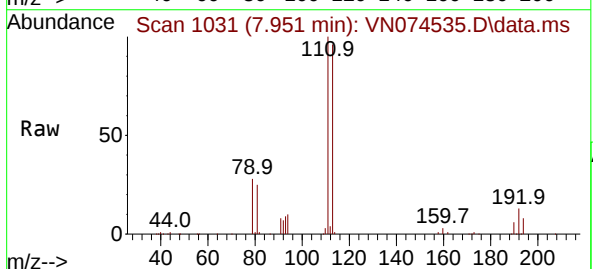
Delta R.T. 0.000 min

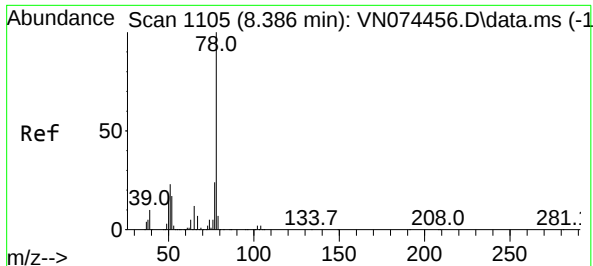
Lab File: VN074535.D

Acq: 17 Sep 2022 02:07

Tgt Ion:113 Resp: 197986

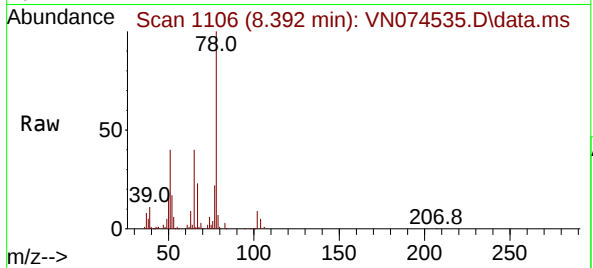
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.4	122.0
192	15.5	17.0	25.6





#40
Benzene
Concen: 9.490 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

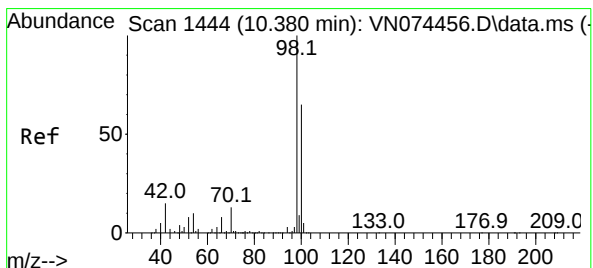
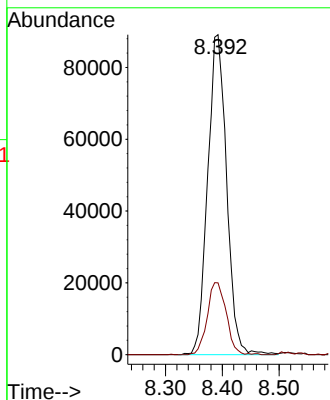
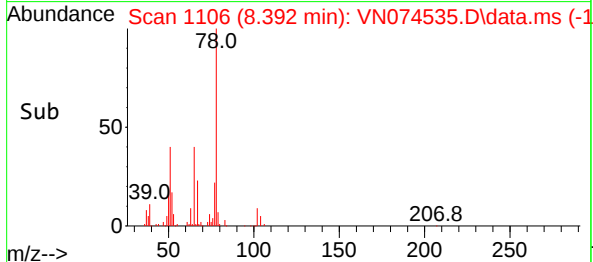
Instrument :
MSVOA_N
ClientSampleId :
MW-51



Tgt Ion: 78 Resp: 20624
Ion Ratio Lower Upper
78 100
77 22.5 19.4 29.0

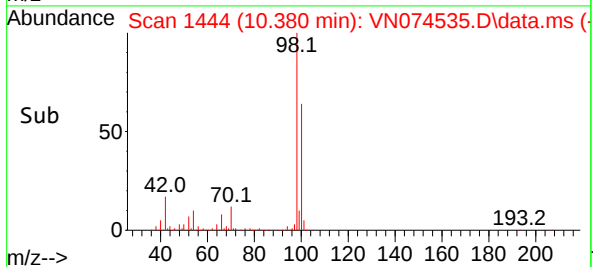
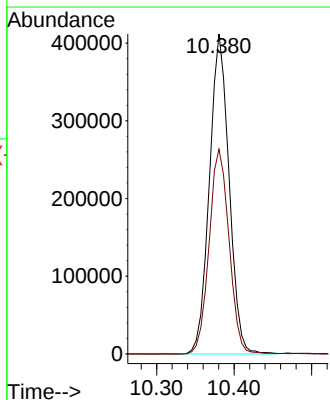
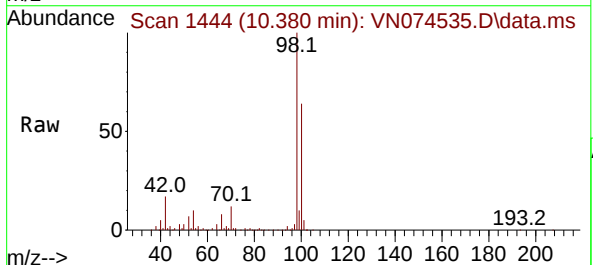
Manual Integrations
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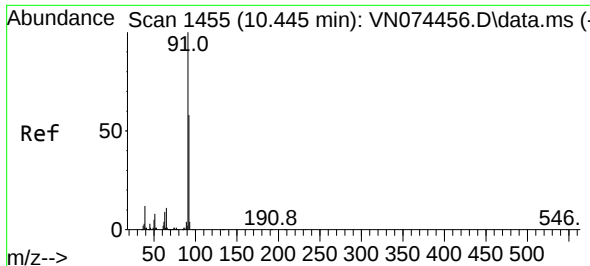
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#50
Toluene-d8
Concen: 47.189 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

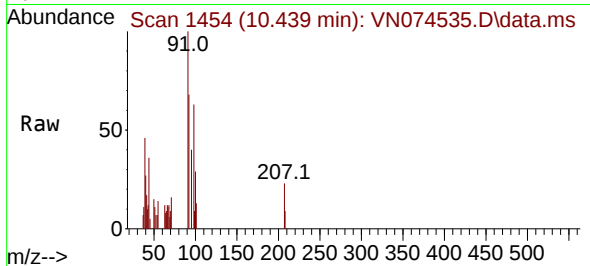
Tgt Ion: 98 Resp: 724628
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#52
Toluene
Concen: 0.270 ug/l
RT: 10.439 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

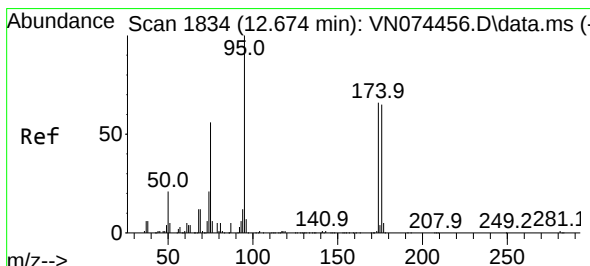
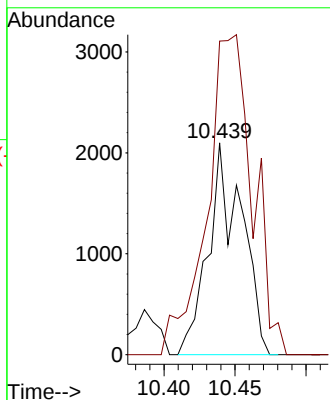
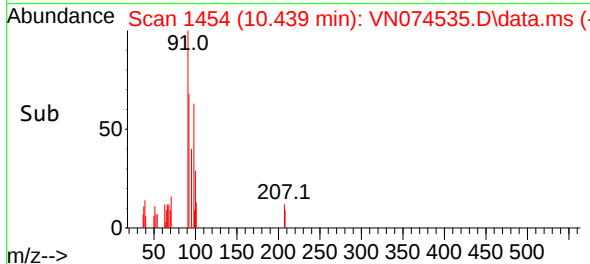
Instrument :
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ClientSampleId :
MW-51



Tgt Ion: 92 Resp: 3440
Ion Ratio Lower Upper
92 100
91 205.9 138.6 207.8

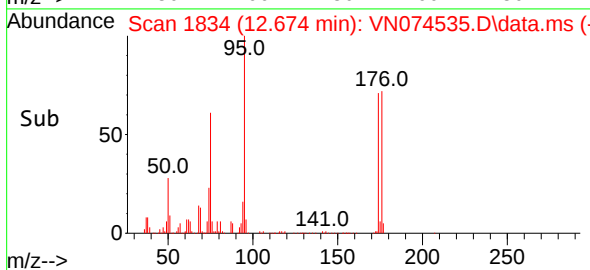
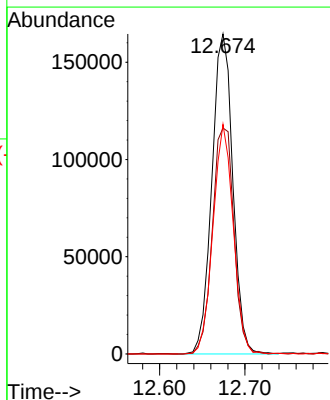
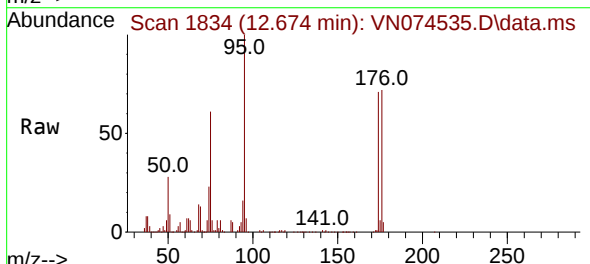
Manual Integrations
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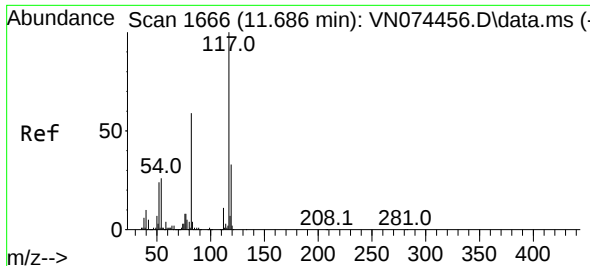
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022



#62
4-Bromofluorobenzene
Concen: 53.309 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

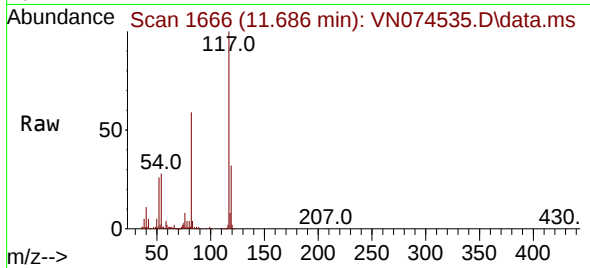
Tgt Ion: 95 Resp: 280367
Ion Ratio Lower Upper
95 100
174 72.8 0.0 167.6
176 69.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

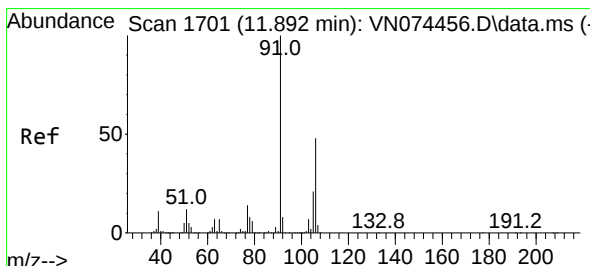
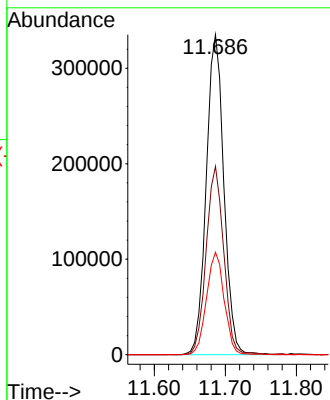
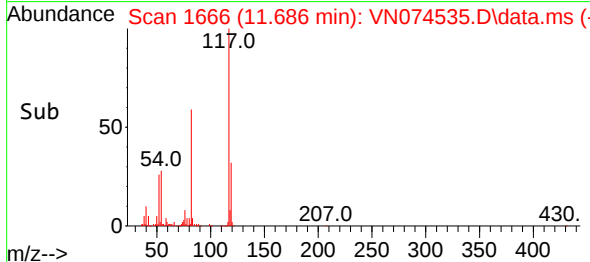
Instrument :
MSVOA_N
ClientSampleId :
MW-51



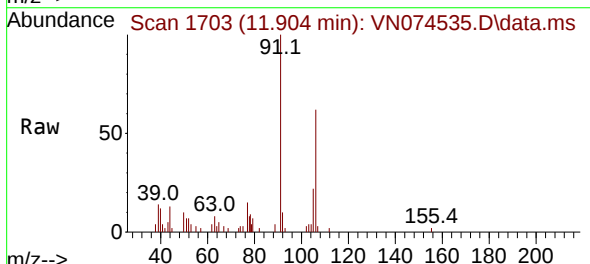
Tgt Ion:117 Resp: 578000
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

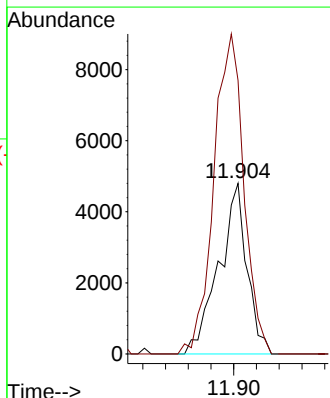
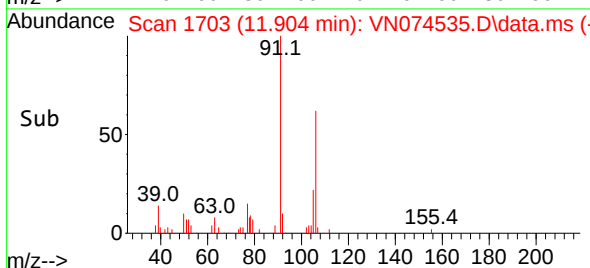
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

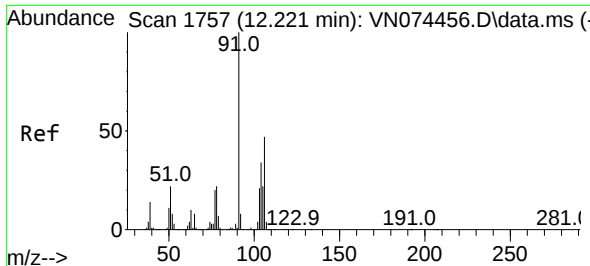


#68
m/p-Xylenes
Concen: 0.836 ug/l
RT: 11.904 min Scan# 1703
Delta R.T. 0.012 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07



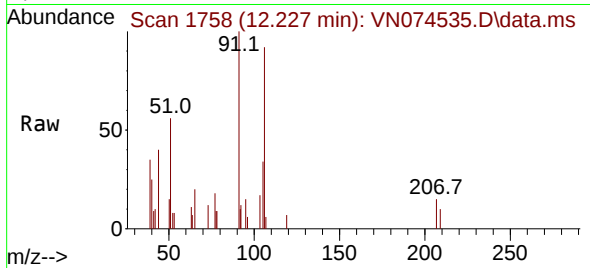
Tgt Ion:106 Resp: 8239
Ion Ratio Lower Upper
106 100
91 200.3 158.9 238.3





#69
o-Xylene
Concen: 0.395 ug/l
RT: 12.227 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07

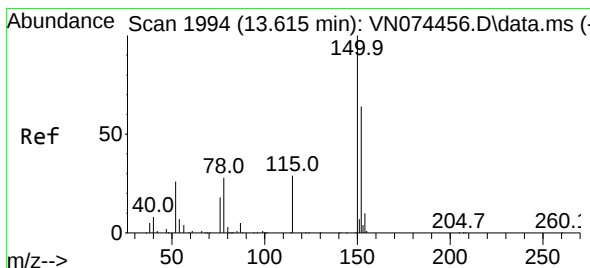
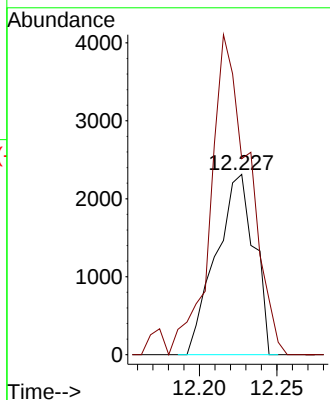
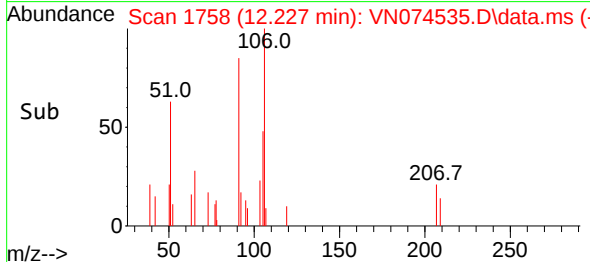
Instrument :
MSVOA_N
ClientSampleId :
MW-51



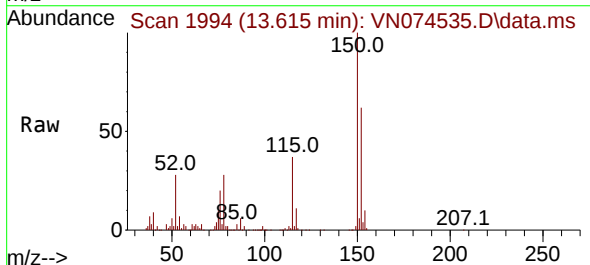
Tgt Ion:106 Resp: 397
Ion Ratio Lower Upper
106 100
91 176.6 106.0 318.0

Manual Integrations
APPROVED

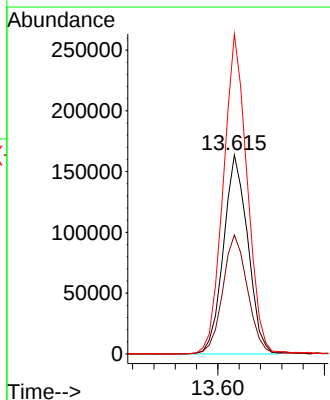
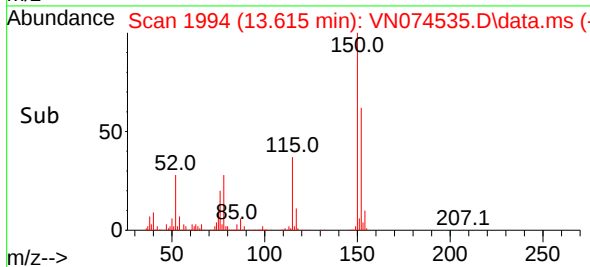
Reviewed By :John Carlone 09/17/2022
Supervised By :Mahesh Dadoda 09/19/2022

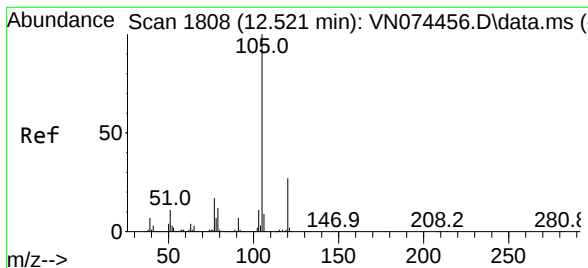


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074535.D
Acq: 17 Sep 2022 02:07



Tgt Ion:152 Resp: 259008
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 158.6 0.0 356.2





#73

Isopropylbenzene

Concen: 2.338 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074535.D

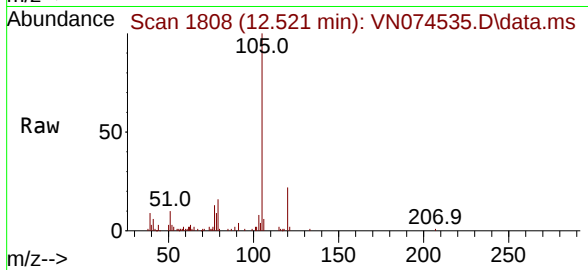
Acq: 17 Sep 2022 02:07

Instrument :

MSVOA_N

ClientSampleId :

MW-51



Tgt Ion:105 Resp: 6199

Ion Ratio Lower Upper

105 100

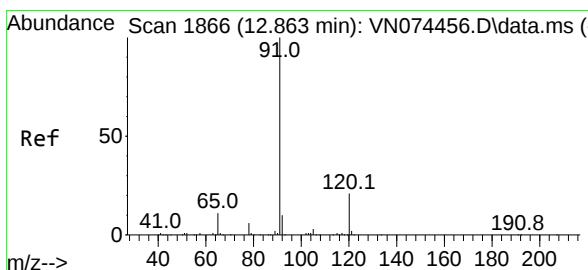
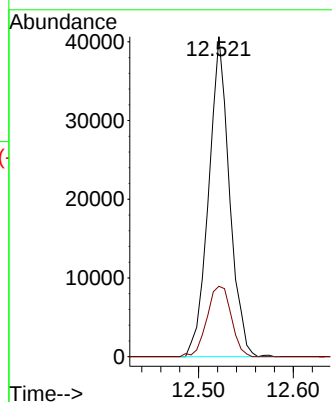
120 25.7 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/17/2022

Supervised By :Mahesh Dadoda 09/19/2022



#78

n-propylbenzene

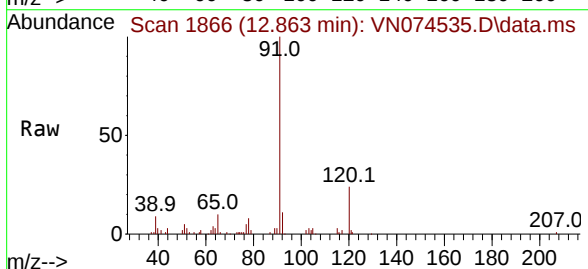
Concen: 1.879 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN074535.D

Acq: 17 Sep 2022 02:07

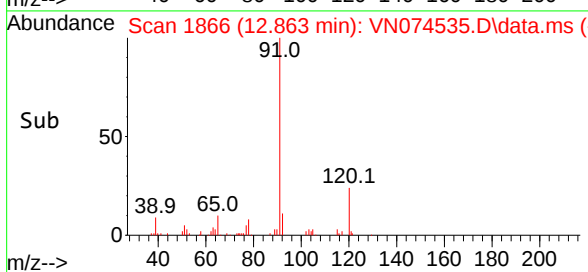
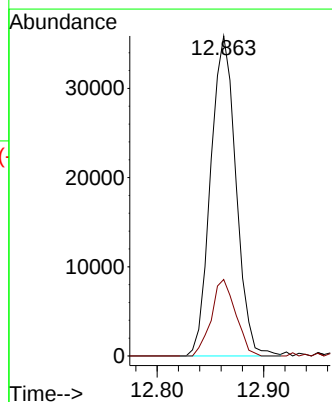


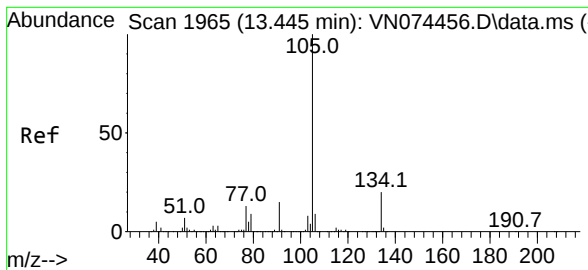
Tgt Ion: 91 Resp: 59337

Ion Ratio Lower Upper

91 100

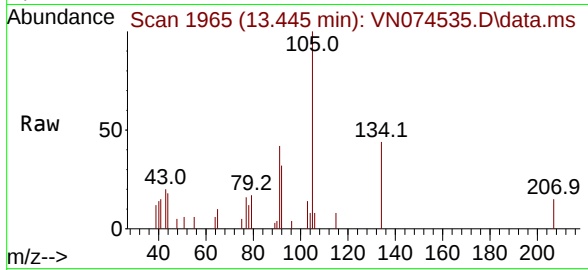
120 22.9 11.9 35.5





#85
 sec-Butylbenzene
 Concen: 0.289 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. -0.000 min
 Lab File: VN074535.D
 Acq: 17 Sep 2022 02:07

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-51



Tgt Ion:105 Resp: 782
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/17/2022
 Supervised By :Mahesh Dadoda 09/19/2022

