

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN073999.D
 Acq On : 18 Aug 2022 12:56
 Operator : JC\MD
 Sample : N4204-23DL2 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3DL2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/19/2022
 Supervised By : Mahesh Dadoda 08/22/2022

Quant Time: Aug 18 21:49:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	668617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	965455	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	906662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	467078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	315272	48.412	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.820%		
35) Dibromofluoromethane	7.951	113	307043	53.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.560%		
50) Toluene-d8	10.380	98	1025607	46.381	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.674	95	428068	58.329	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.660%		
Target Compounds					Qvalue	
16) Acetone	4.187	43	14614m	4.757	ug/l	
39) Methylcyclohexane	9.398	83	8478	0.853	ug/l	96
40) Benzene	8.386	78	46349	1.852	ug/l	100
52) Toluene	10.445	92	71138	4.145	ug/l	98
67) Ethyl Benzene	11.786	91	908824	28.361	ug/l	97
68) m/p-Xylenes	11.898	106	92119	7.075	ug/l	97
69) o-Xylene	12.221	106	6883	0.527	ug/l	95
73) Isopropylbenzene	12.521	105	290398	8.538	ug/l	100
78) n-propylbenzene	12.863	91	329646	9.093	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	45018	1.627	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	78816	2.853	ug/l	98
85) sec-Butylbenzene	13.439	105	8743	0.265	ug/l #	70
89) n-Butylbenzene	13.886	91	7025	0.315	ug/l #	73
95) Naphthalene	15.433	128	195462	5.975	ug/l	98

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

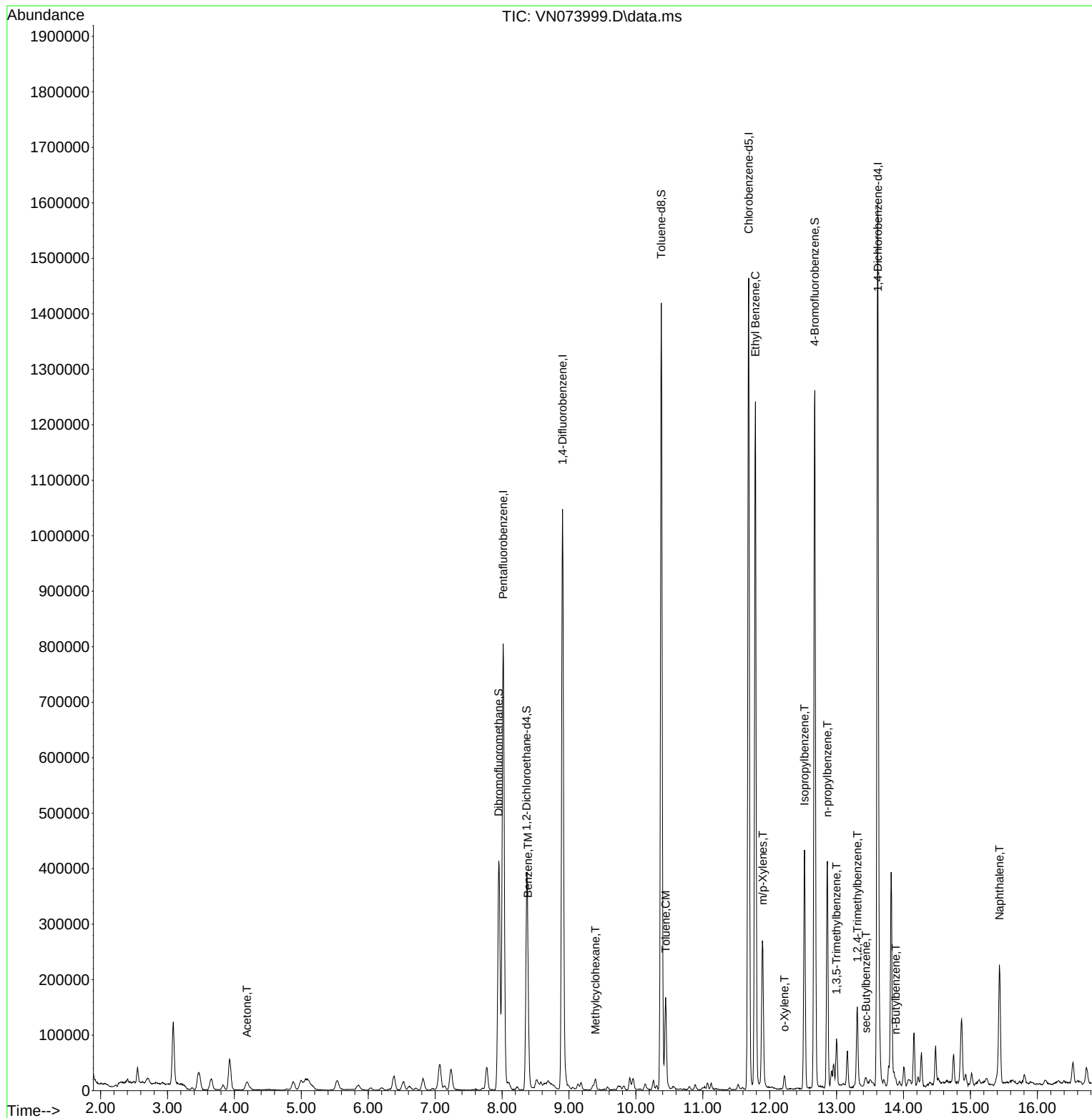
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
Data File : VN073999.D
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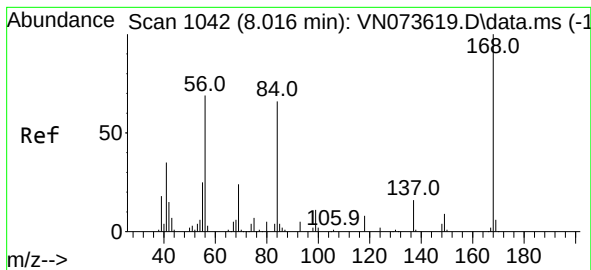
Instrument :
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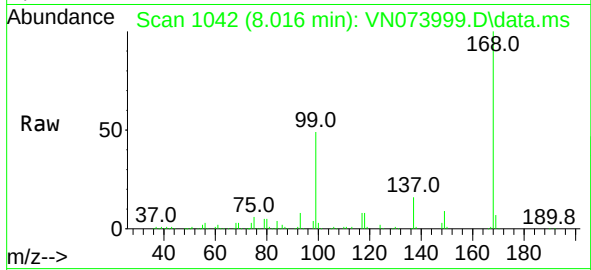
Quant Time: Aug 18 21:49:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

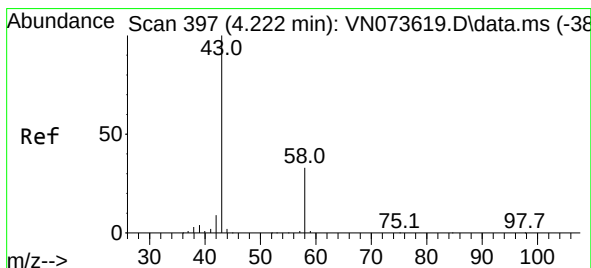
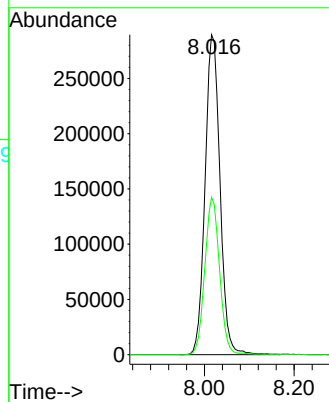
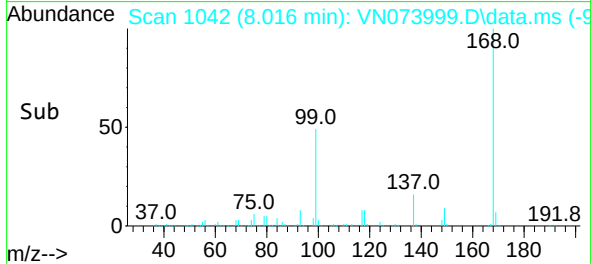
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



Tgt Ion:168 Resp: 66861
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5

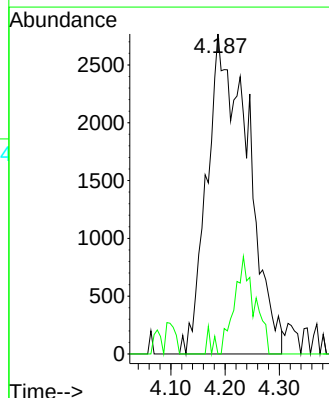
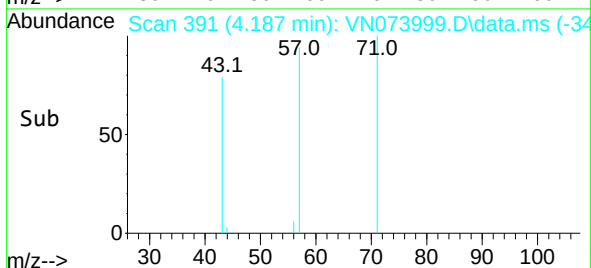
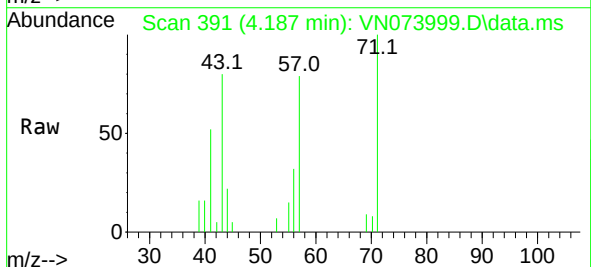
Manual Integrations
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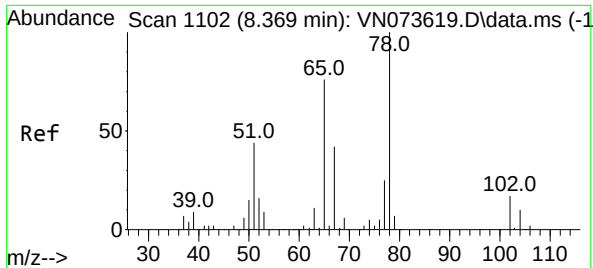
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#16
Acetone
Concen: 4.757 ug/l m
RT: 4.187 min Scan# 391
Delta R.T. -0.035 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

Tgt Ion: 43 Resp: 14614
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#





#33

1,2-Dichloroethane-d4

Concen: 48.412 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073999.D

Acq: 18 Aug 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

MW-3DL2

Tgt Ion: 65 Resp: 315272

Ion Ratio Lower Upper

65 100

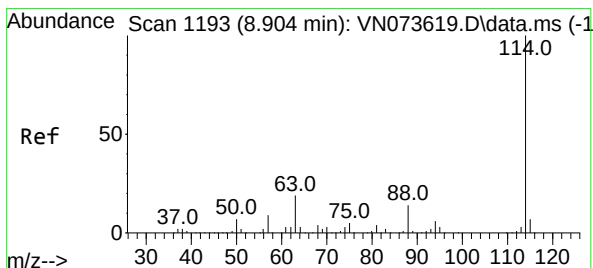
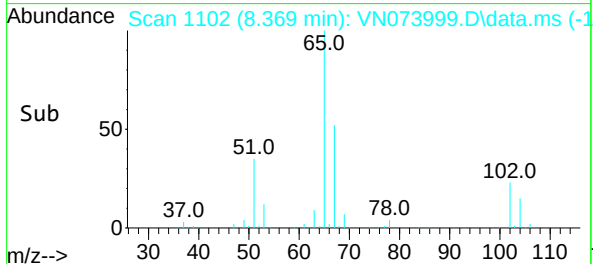
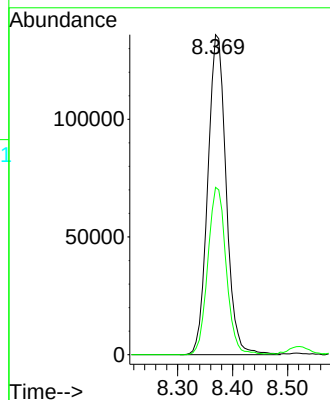
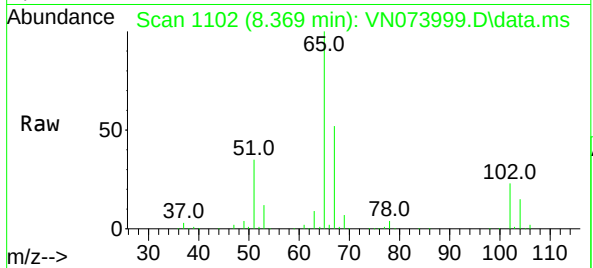
67 52.4 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073999.D

Acq: 18 Aug 2022 12:56

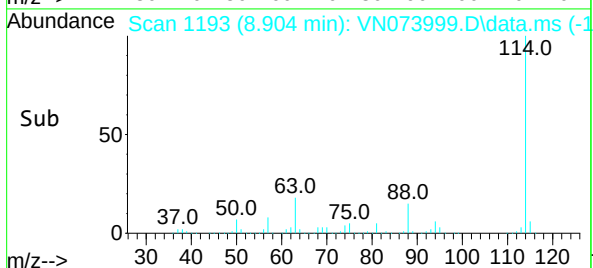
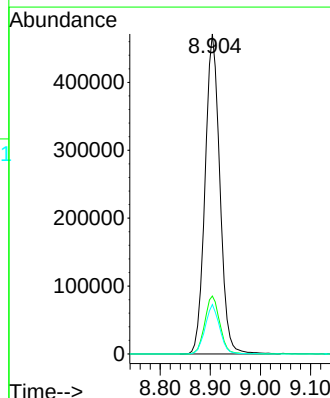
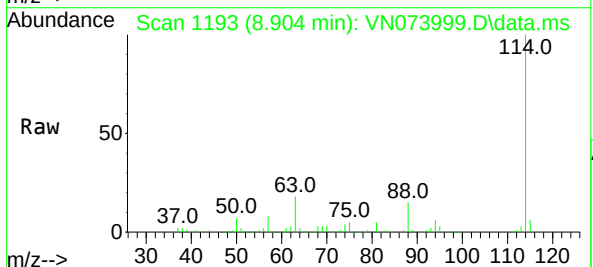
Tgt Ion:114 Resp: 965455

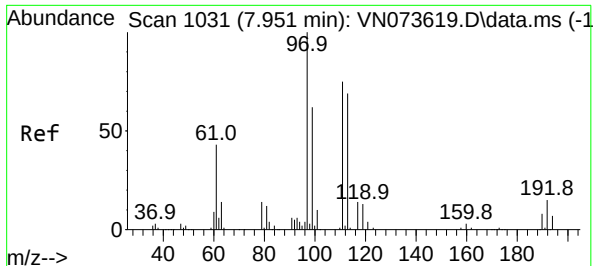
Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.0

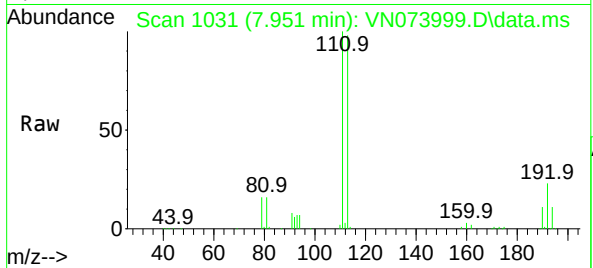
88 15.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.777 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

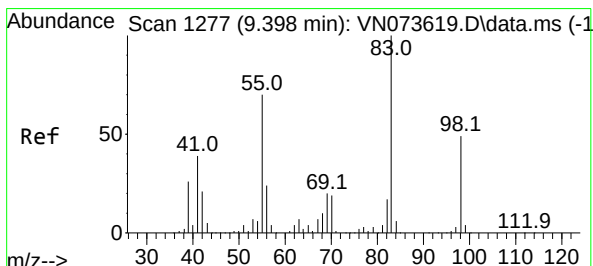
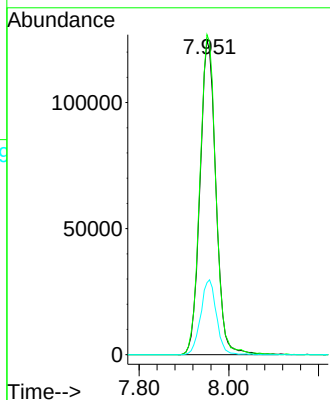
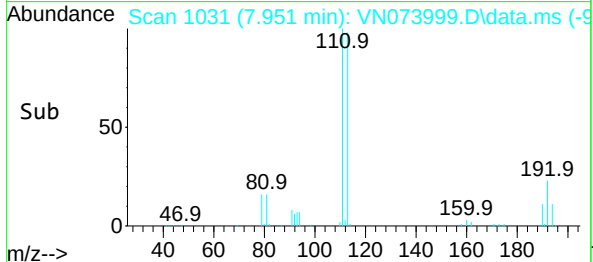
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



Tgt Ion: 113 Resp: 30704
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 23.4 17.0 25.6

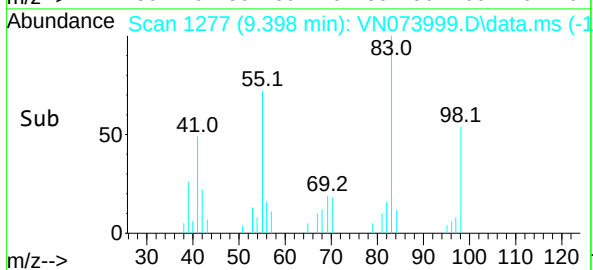
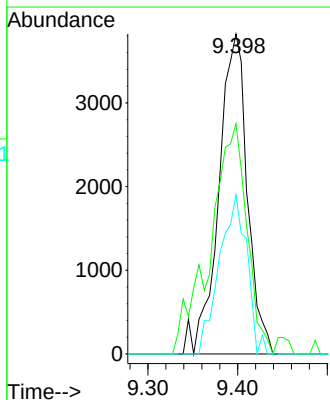
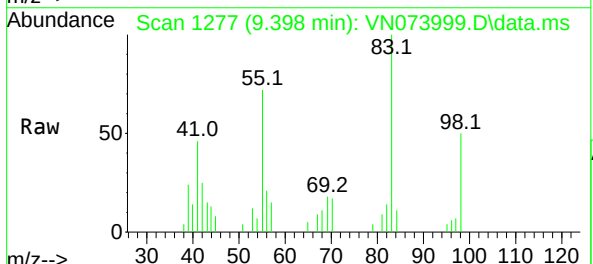
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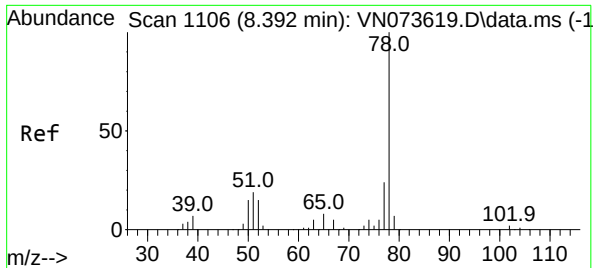
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#39
Methylcyclohexane
Concen: 0.853 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

Tgt Ion: 83 Resp: 8478
Ion Ratio Lower Upper
83 100
55 66.8 57.8 86.8
98 49.7 39.4 59.2





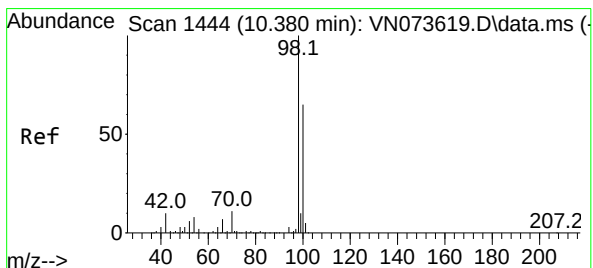
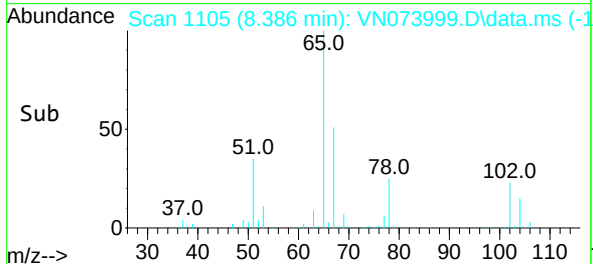
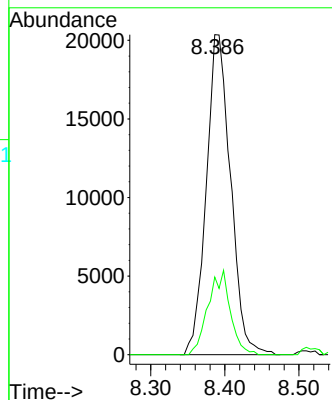
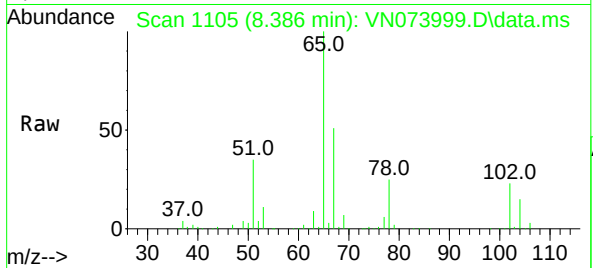
#40
Benzene
Concen: 1.852 ug/l
RT: 8.386 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2

Tgt Ion: 78 Resp: 46349
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

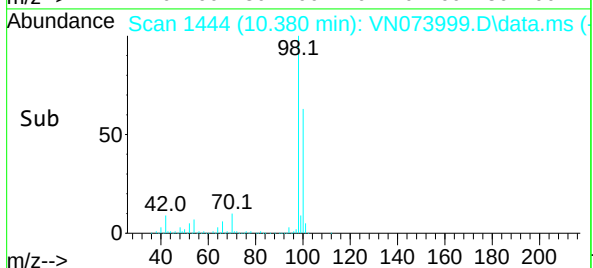
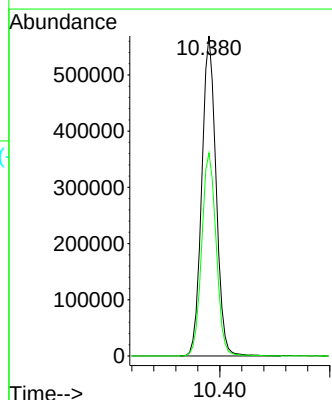
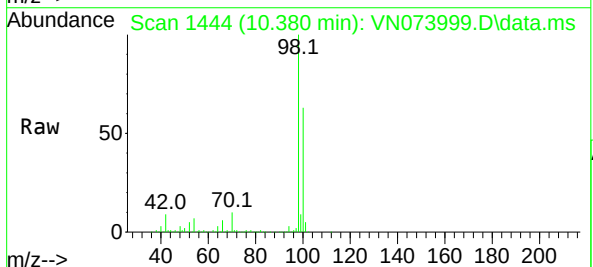
Manual Integrations
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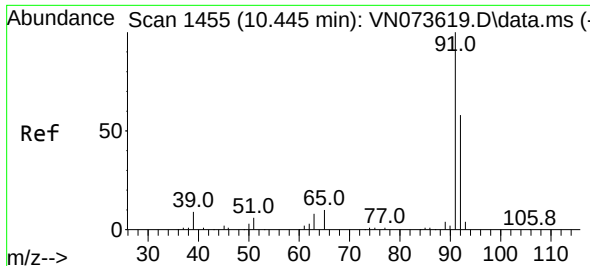
Reviewed By :John Carlone 08/19/2022
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#50
Toluene-d8
Concen: 46.381 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

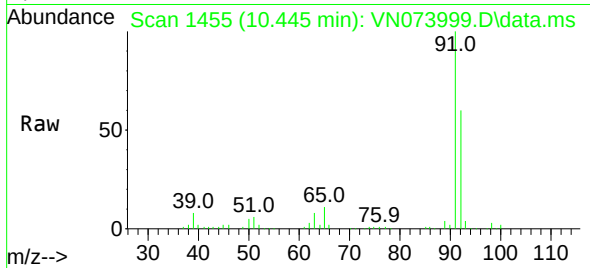
Tgt Ion: 98 Resp: 1025607
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8





#52
Toluene
Concen: 4.145 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

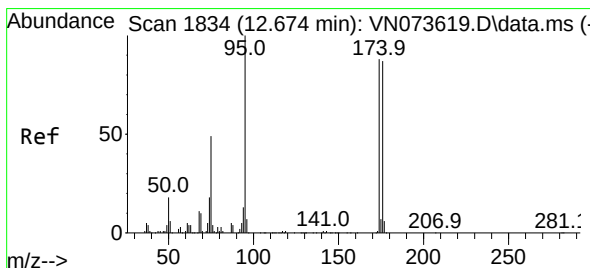
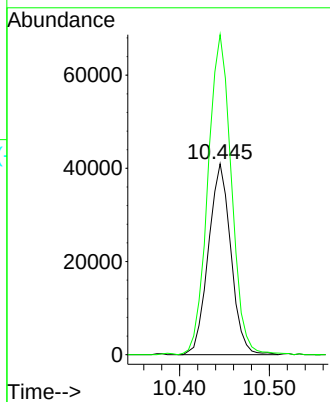
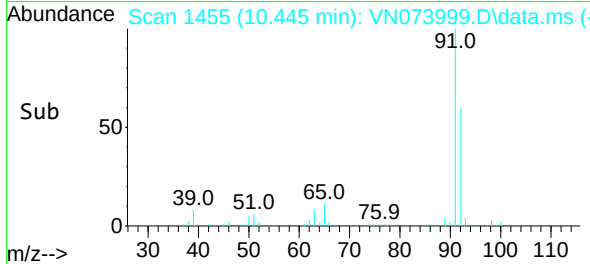
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



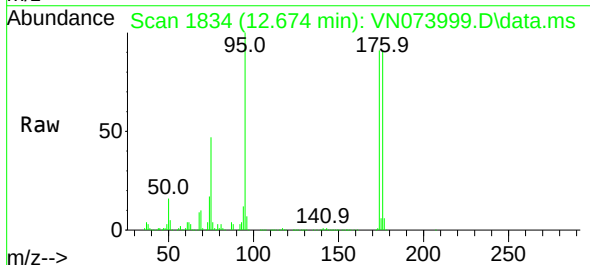
Tgt Ion: 92 Resp: 71138
Ion Ratio Lower Upper
92 100
91 175.8 138.6 207.8

Manual Integrations
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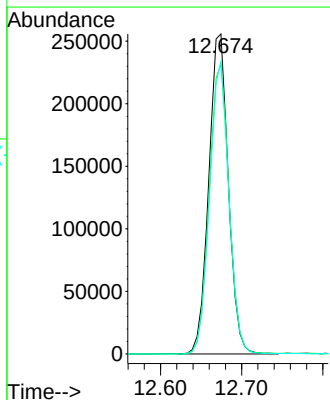
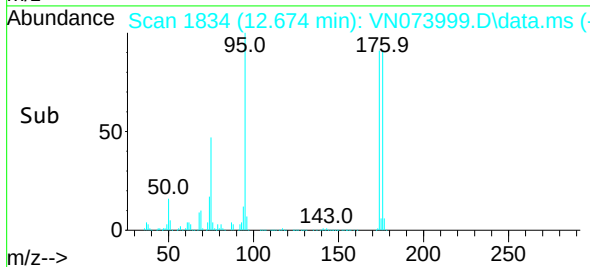
Reviewed By :John Carlone 08/19/2022
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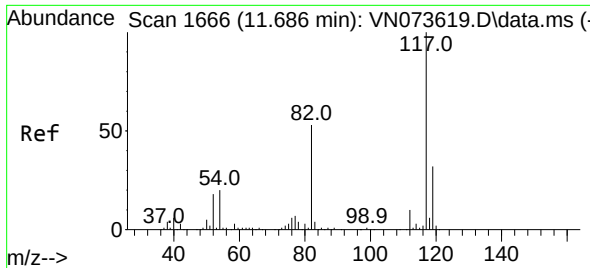


#62
4-Bromofluorobenzene
Concen: 58.329 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56



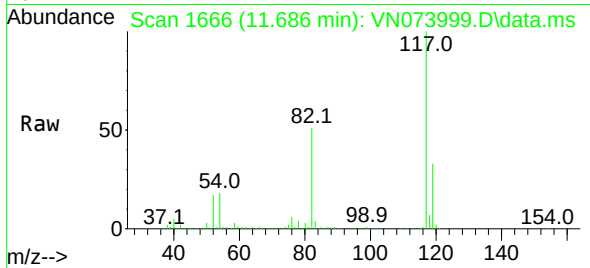
Tgt Ion: 95 Resp: 428068
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 89.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

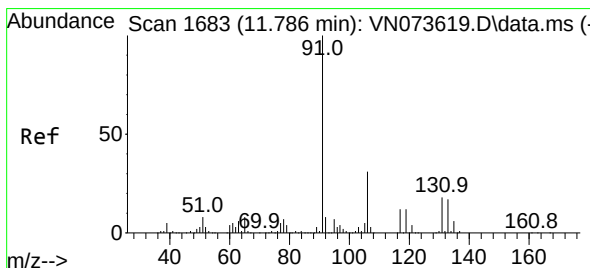
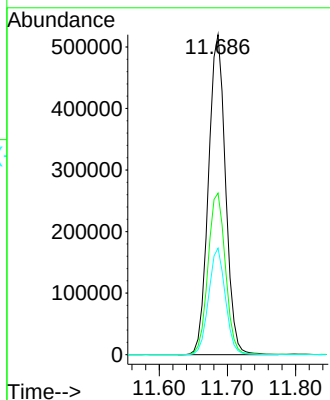
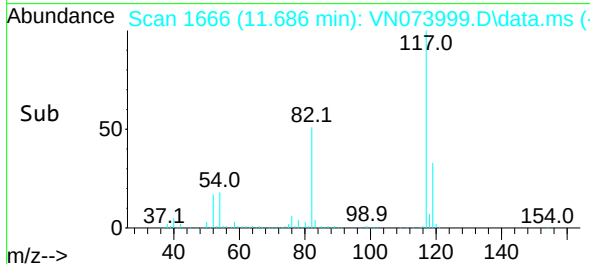
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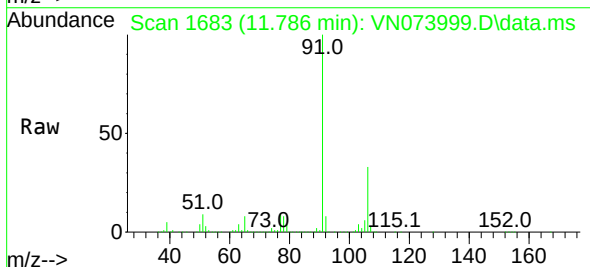
Tgt Ion:117 Resp: 906662
Ion Ratio Lower Upper
117 100
82 50.5 44.2 66.2
119 33.3 25.4 38.0

Manual Integrations
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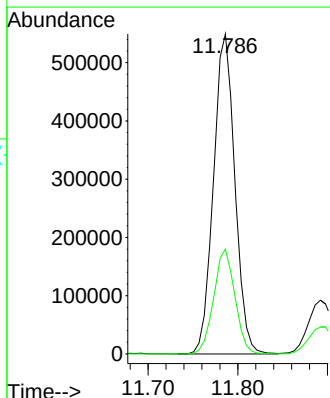
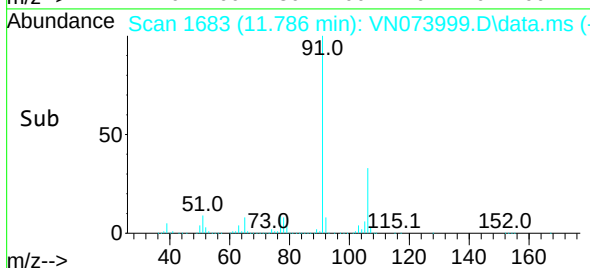
Reviewed By :John Carlone 08/19/2022
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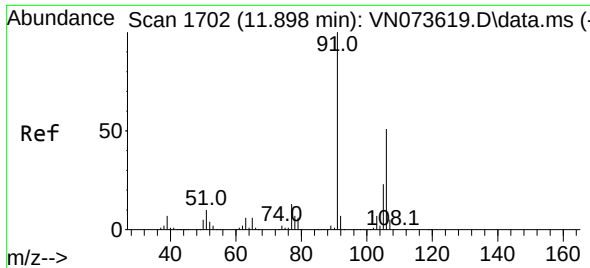


#67
Ethyl Benzene
Concen: 28.361 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56



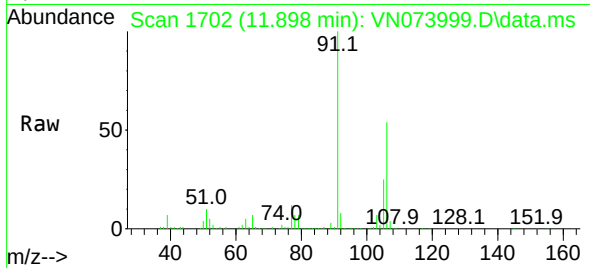
Tgt Ion: 91 Resp: 908824
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3





#68
m/p-Xylenes
Concen: 7.075 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

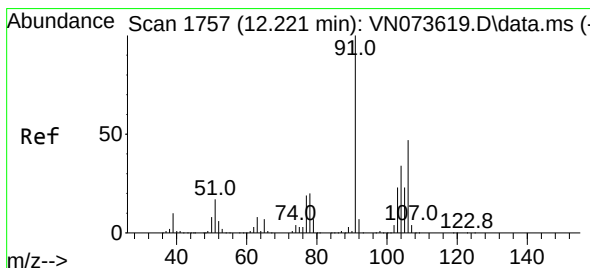
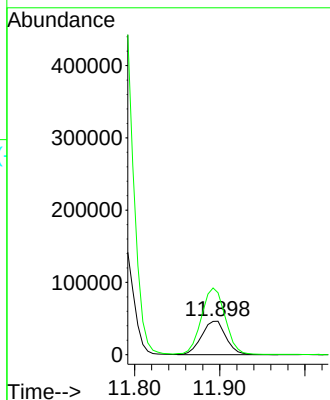
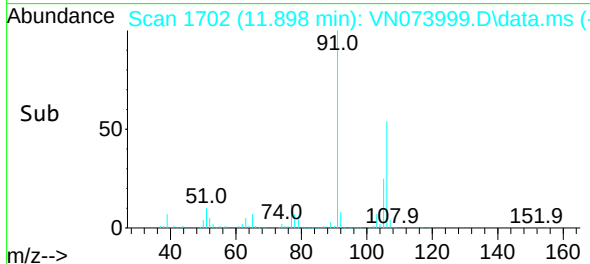
Instrument :
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MW-3DL2



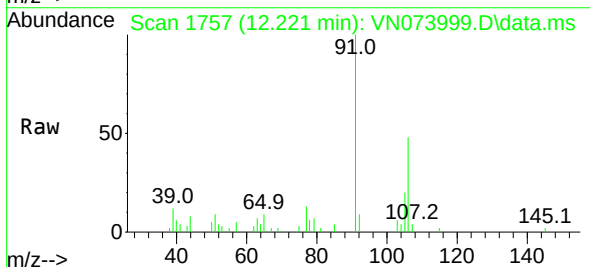
Tgt Ion:106 Resp: 92119
Ion Ratio Lower Upper
106 100
91 194.4 158.9 238.3

Manual Integrations
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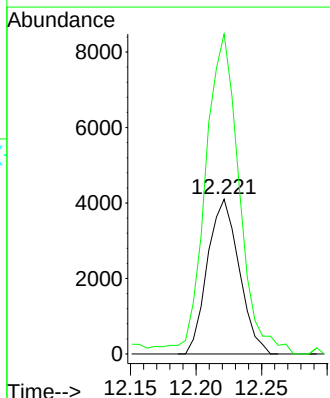
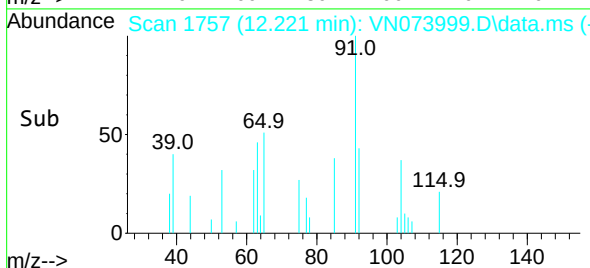
Reviewed By :John Carlone 08/19/2022
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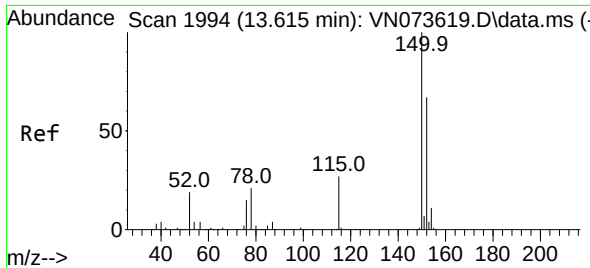


#69
o-Xylene
Concen: 0.527 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56



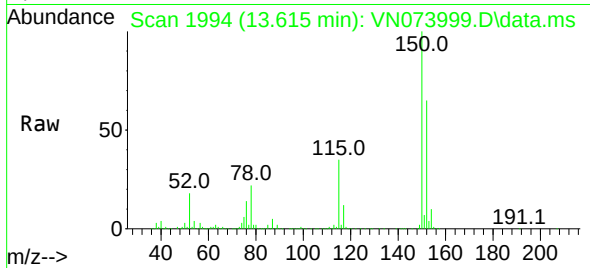
Tgt Ion:106 Resp: 6883
Ion Ratio Lower Upper
106 100
91 220.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

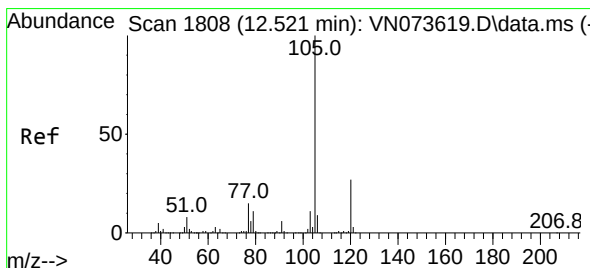
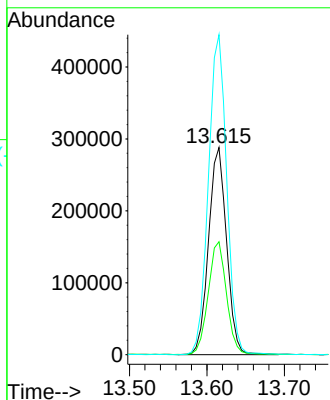
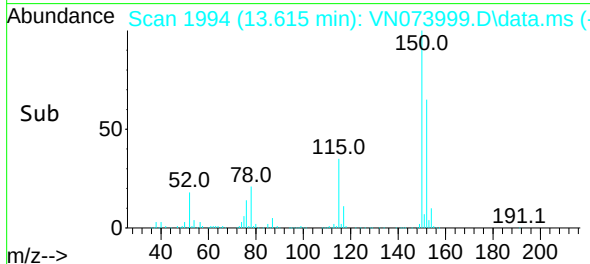
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



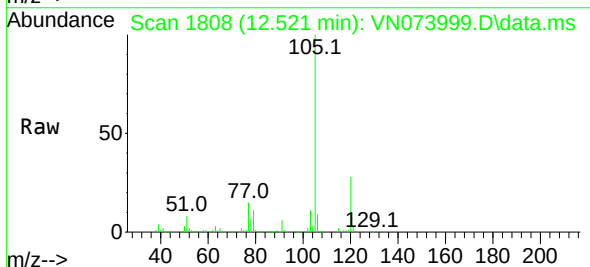
Tgt Ion:152 Resp: 467078
Ion Ratio Lower Upper
152 100
115 55.6 28.9 86.7
150 156.6 0.0 356.2

Manual Integrations
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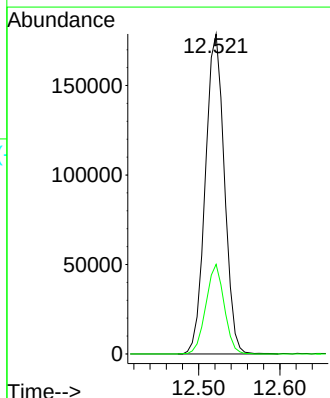
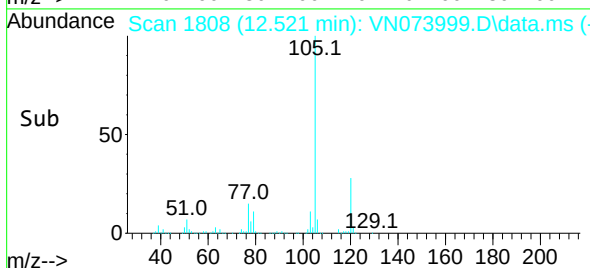
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

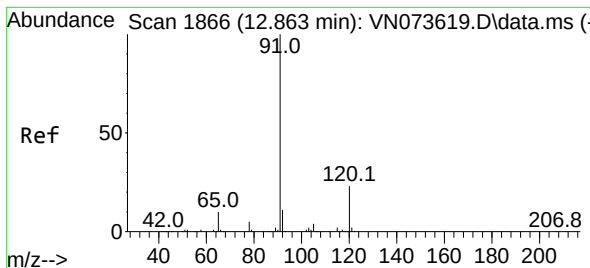


#73
Isopropylbenzene
Concen: 8.538 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56



Tgt Ion:105 Resp: 290398
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4





#78

n-propylbenzene

Concen: 9.093 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073999.D

Acq: 18 Aug 2022 12:56

Instrument :

MSVOA_N

ClientSampleId :

MW-3DL2

Tgt Ion: 91 Resp: 329640

Ion Ratio Lower Upper

91 100

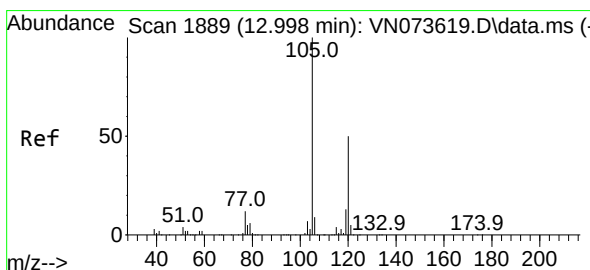
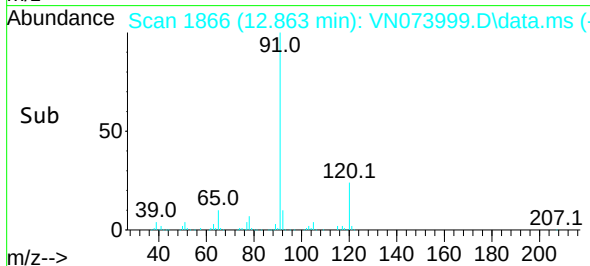
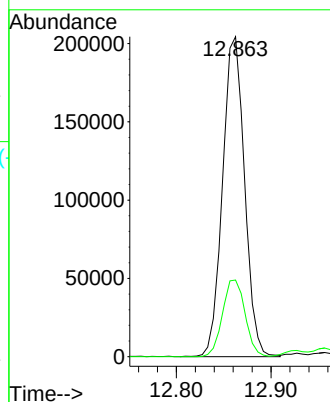
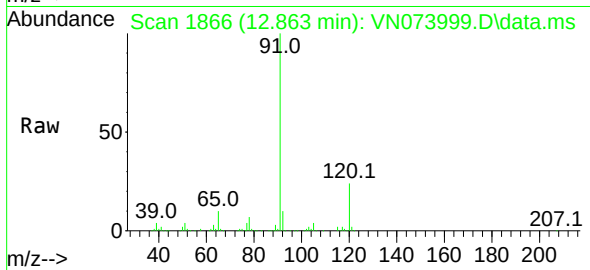
120 24.7 11.9 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/19/2022

Supervised By :Mahesh Dadoda 08/22/2022



#80

1,3,5-Trimethylbenzene

Concen: 1.627 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VN073999.D

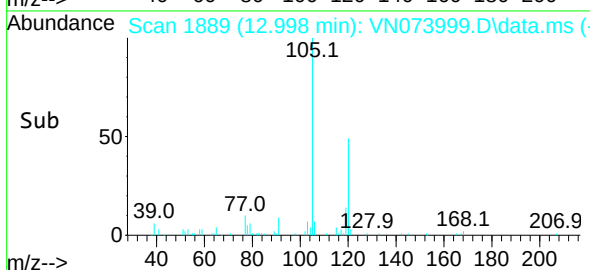
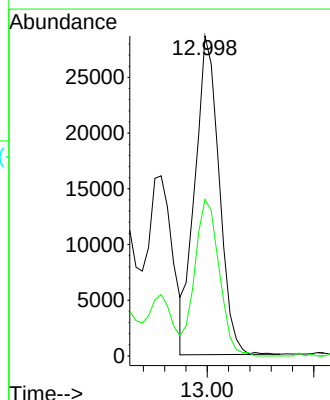
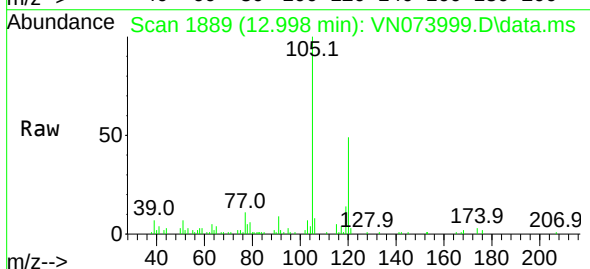
Acq: 18 Aug 2022 12:56

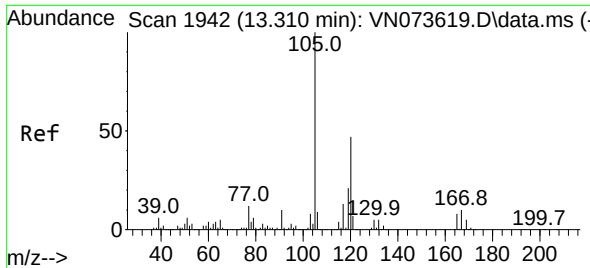
Tgt Ion:105 Resp: 45018

Ion Ratio Lower Upper

105 100

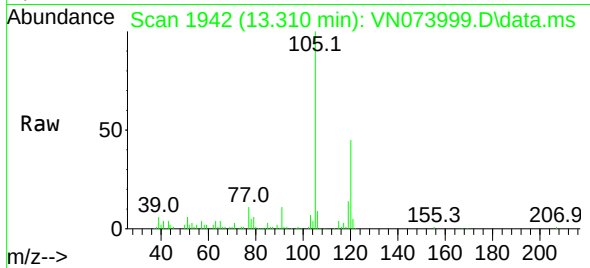
120 49.8 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 2.853 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

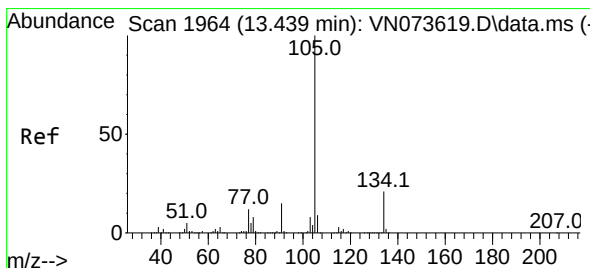
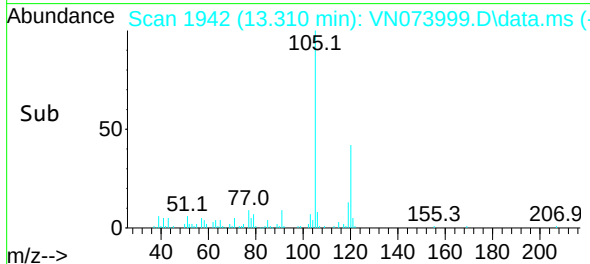
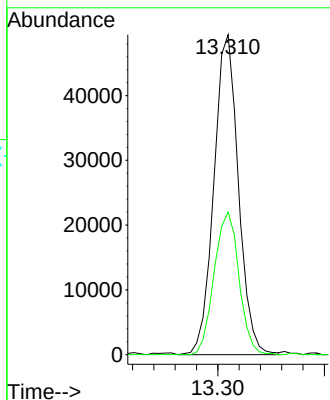
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



Tgt Ion:105 Resp: 78810
Ion Ratio Lower Upper
105 100
120 45.1 23.3 69.8

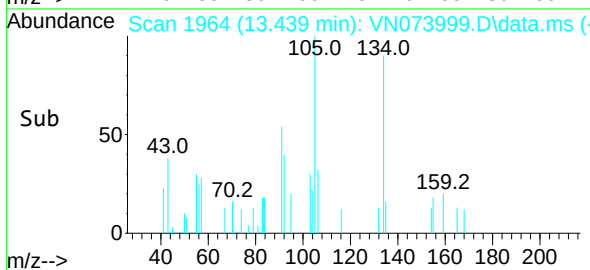
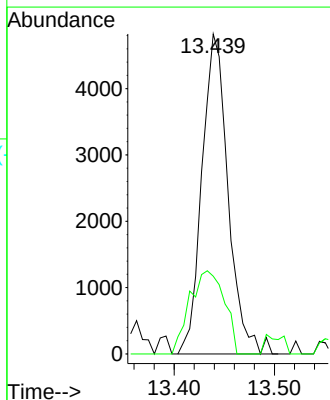
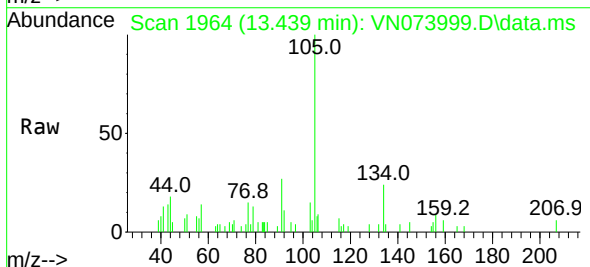
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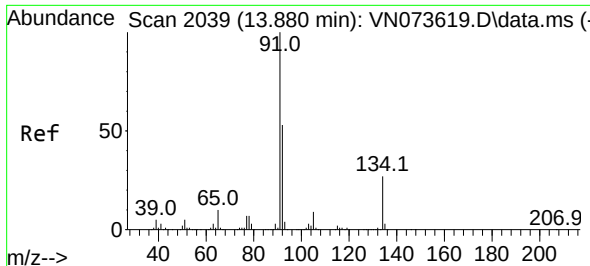
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#85
sec-Butylbenzene
Concen: 0.265 ug/l
RT: 13.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

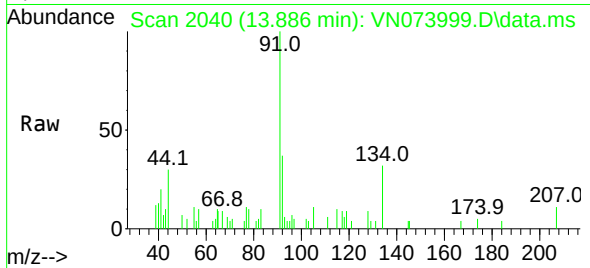
Tgt Ion:105 Resp: 8743
Ion Ratio Lower Upper
105 100
134 34.4 10.4 31.1#





#89
n-Butylbenzene
Concen: 0.315 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

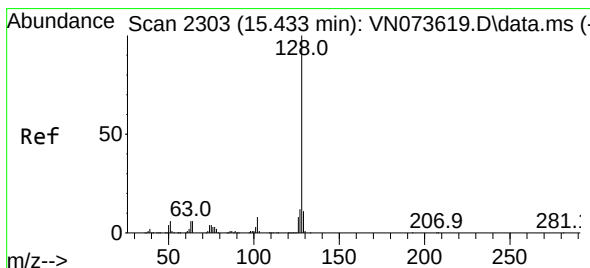
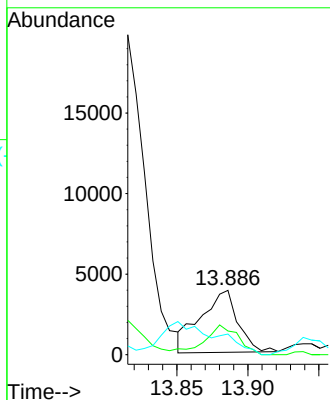
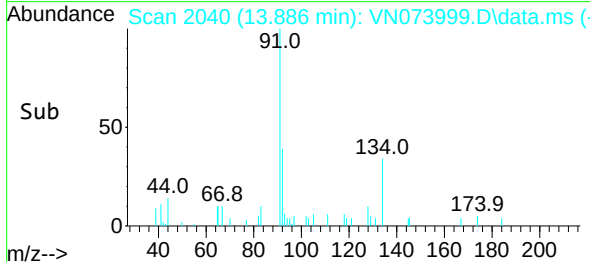
Instrument :
MSVOA_N
ClientSampleId :
MW-3DL2



Tgt Ion: 91 Resp: 7025
Ion Ratio Lower Upper
91 100
92 43.7 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#95
Naphthalene
Concen: 5.975 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. -0.000 min
Lab File: VN073999.D
Acq: 18 Aug 2022 12:56

Tgt Ion:128 Resp: 195462
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.4 8.6 13.0

