

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
 Data File : VN074000.D
 Acq On : 18 Aug 2022 13:20
 Operator : JC\MD
 Sample : N4204-24DL2 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1DL2

Manual Integrations
 APPROVED

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

Quant Time: Aug 18 21:49:38 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	664921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	969295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	934529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	511379	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	314560	48.571	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.140%		
35) Dibromofluoromethane	7.957	113	308463	53.811	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	107.620%		
50) Toluene-d8	10.380	98	1024780	46.160	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.320%		
62) 4-Bromofluorobenzene	12.674	95	443941	60.252	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	120.500%		
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.540	73	14259	0.754	ug/l #	65
39) Methylcyclohexane	9.398	83	4278m	0.429	ug/l	
40) Benzene	8.392	78	151126	6.014	ug/l	99
52) Toluene	10.445	92	843086	48.927	ug/l	100
67) Ethyl Benzene	11.786	91	750138	22.711	ug/l	97
68) m/p-Xylenes	11.892	106	430367	32.068	ug/l	99
69) o-Xylene	12.222	106	113575	8.439	ug/l	98
73) Isopropylbenzene	12.522	105	118368	3.179	ug/l	98
78) n-propylbenzene	12.863	91	141997	3.577	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	121557	4.013	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	354574	11.723	ug/l	99
95) Naphthalene	15.439	128	104823	2.927	ug/l	98

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

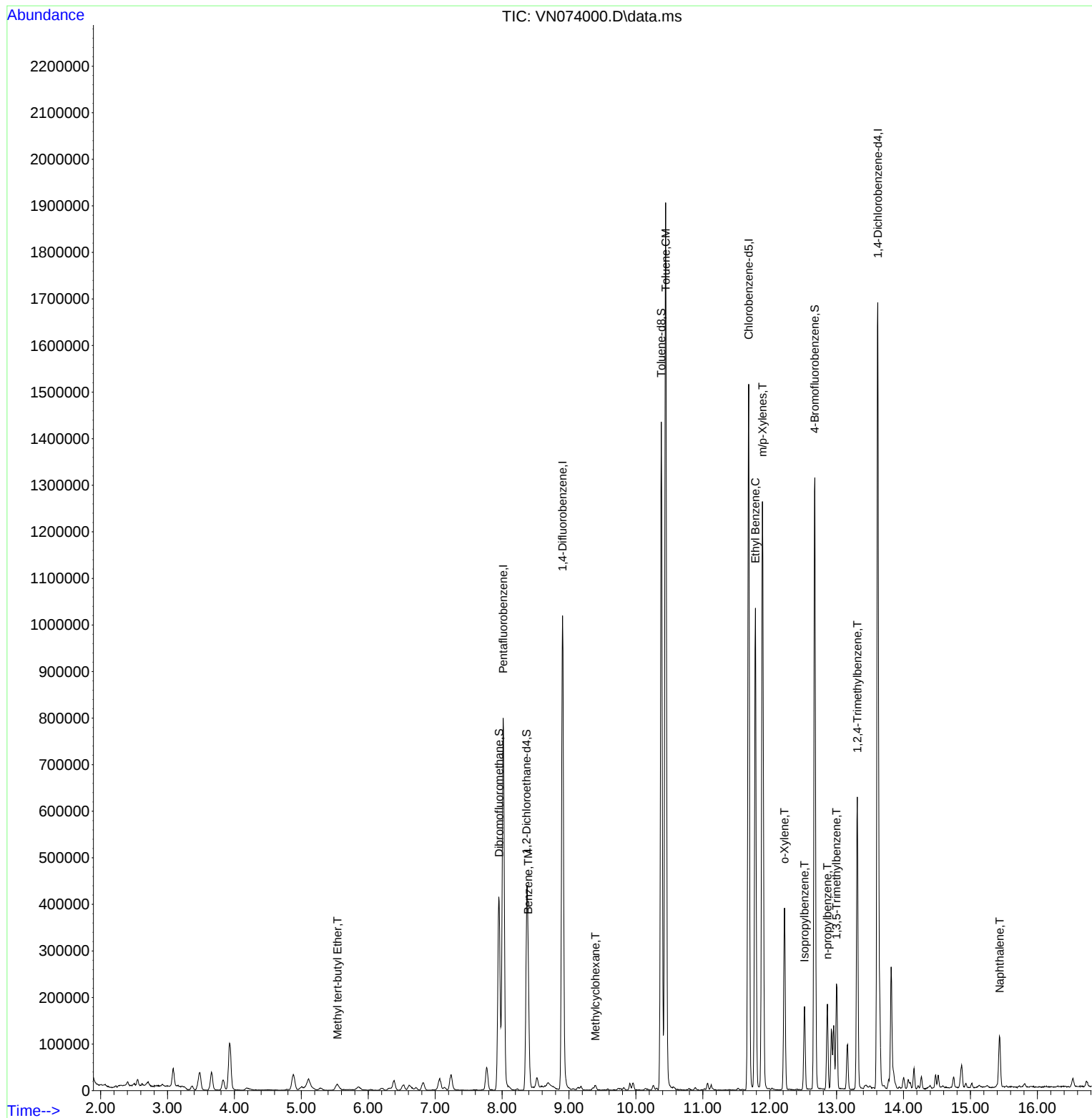
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081822\
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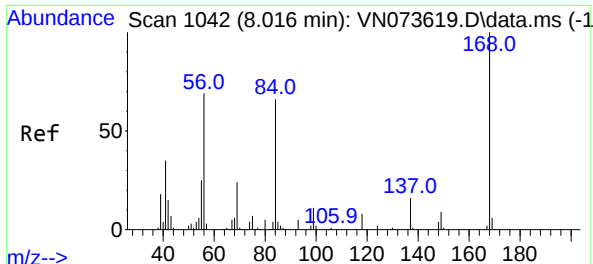
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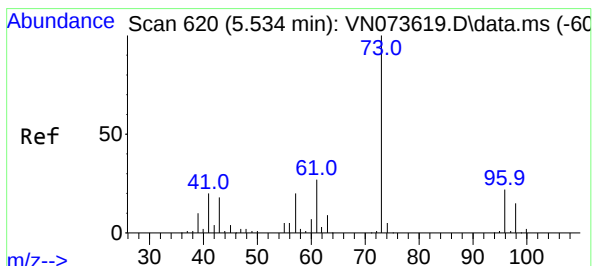
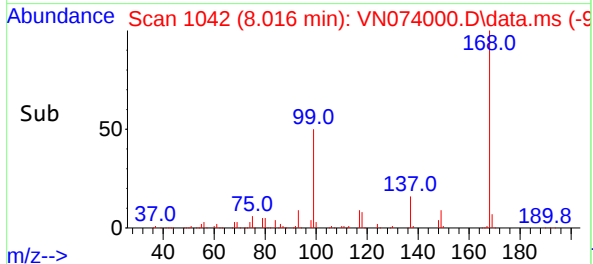
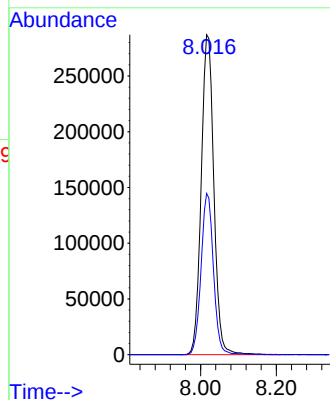
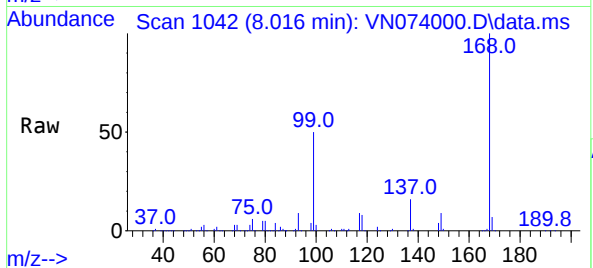
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2

Tgt Ion:168 Resp: 66492
Ion Ratio Lower Upper
168 100
99 50.4 42.3 63.5

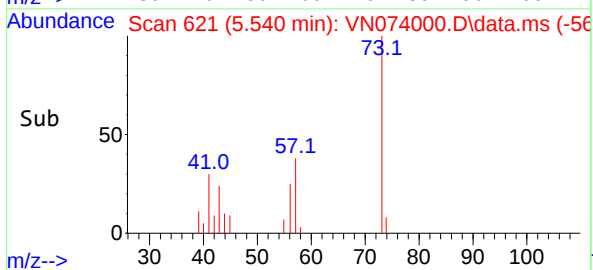
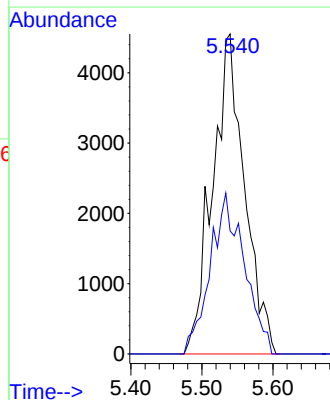
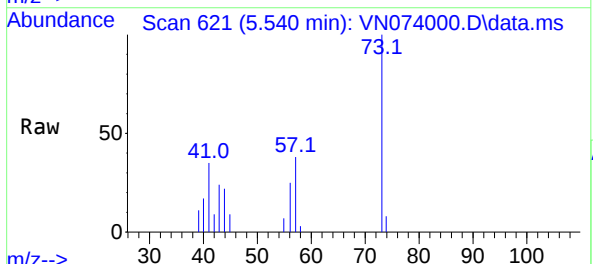
Manual Integrations
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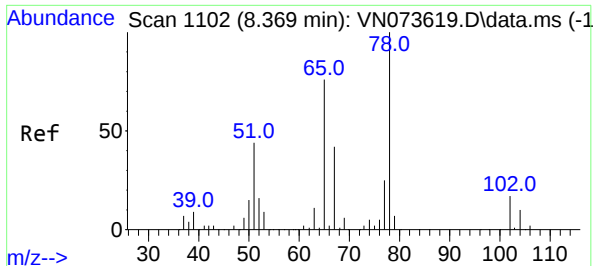
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#19
Methyl tert-butyl Ether
Concen: 0.754 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.006 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

Tgt Ion: 73 Resp: 14259
Ion Ratio Lower Upper
73 100
57 38.5 17.6 26.4#





#33

1,2-Dichloroethane-d4

Concen: 48.571 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN074000.D

Acq: 18 Aug 2022 13:20

Instrument :

MSVOA_N

ClientSampleId :

MW-1DL2

Tgt Ion: 65 Resp: 314560

Ion Ratio Lower Upper

65 100

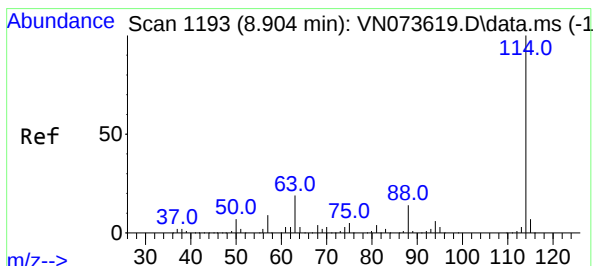
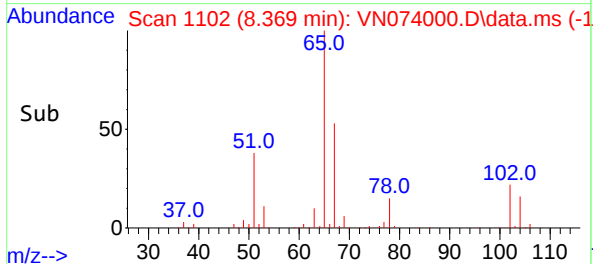
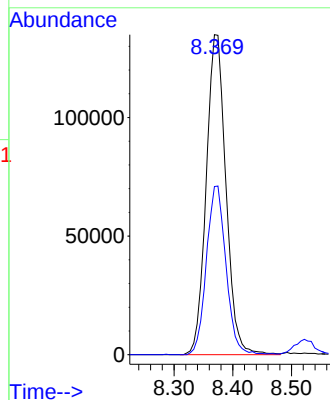
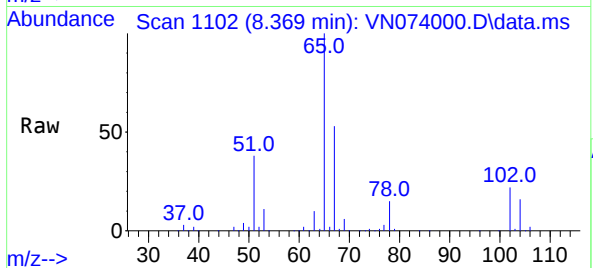
67 52.3 0.0 104.8

Manual Integrations

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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: VN074000.D

Acq: 18 Aug 2022 13:20

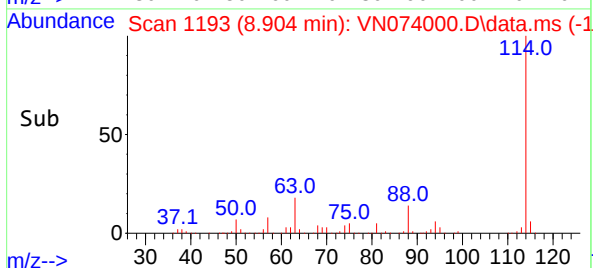
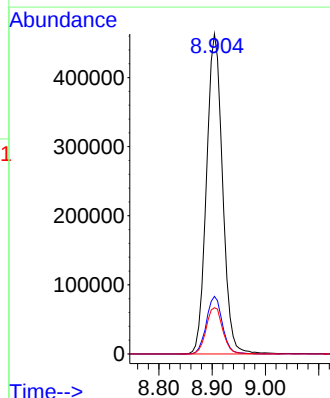
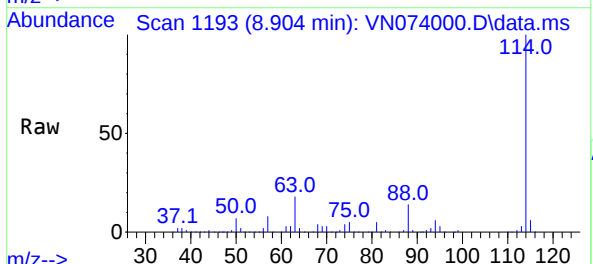
Tgt Ion:114 Resp: 969295

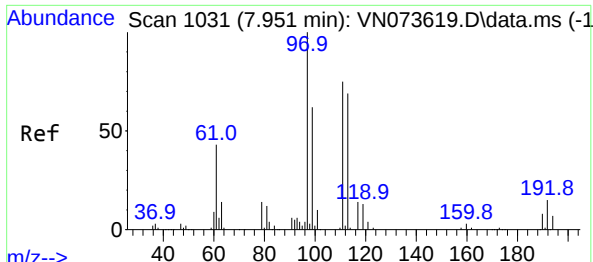
Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

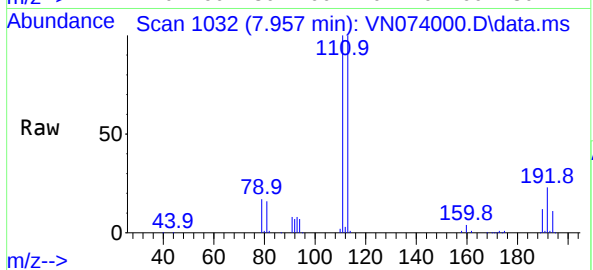
88 14.5 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.811 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

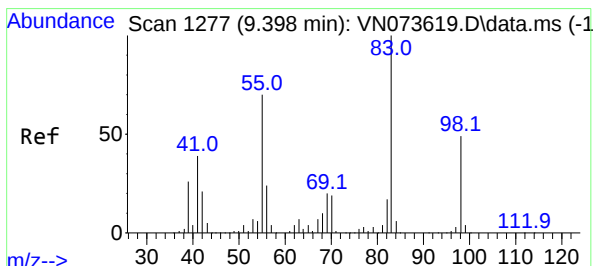
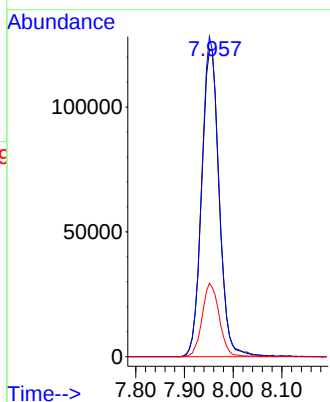
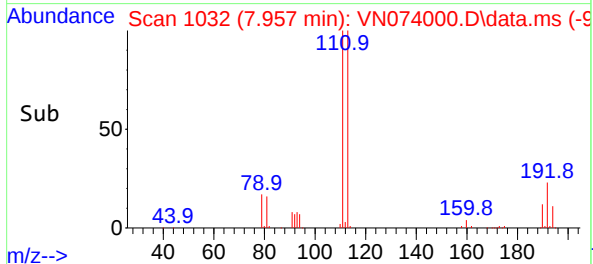
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2



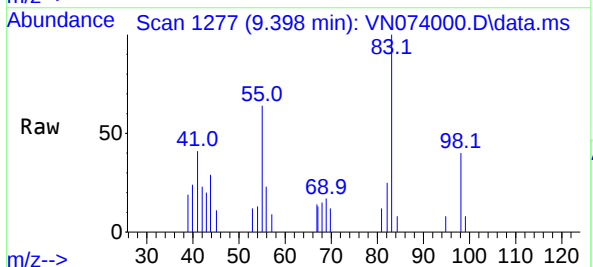
Tgt Ion: 113 Resp: 30846
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 23.3 17.0 25.6

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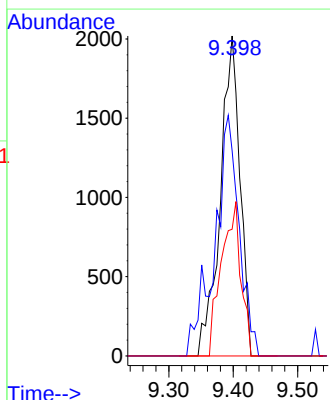
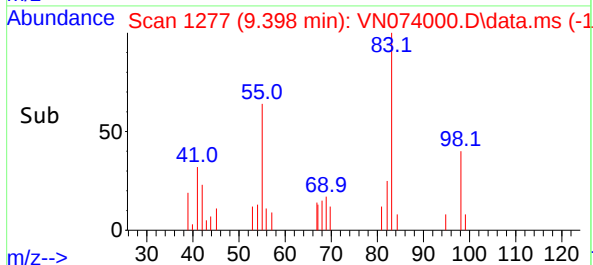
Reviewed By :John Carlone 08/19/2022
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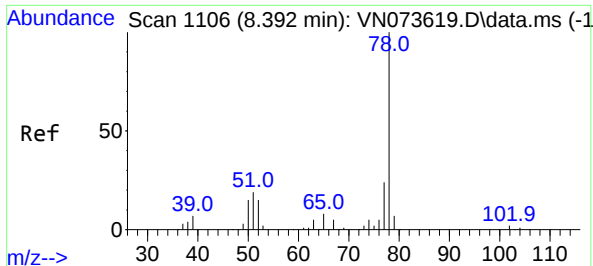


#39
Methylcyclohexane
Concen: 0.429 ug/l m
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



Tgt Ion: 83 Resp: 4278
Ion Ratio Lower Upper
83 100
55 64.1 57.8 86.8
98 39.6 39.4 59.2





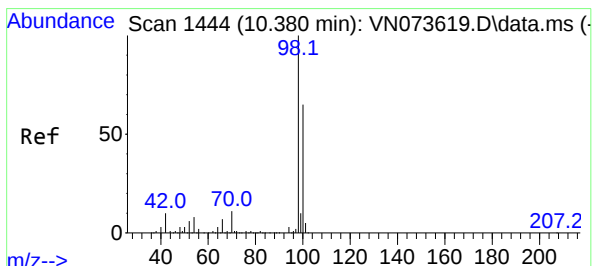
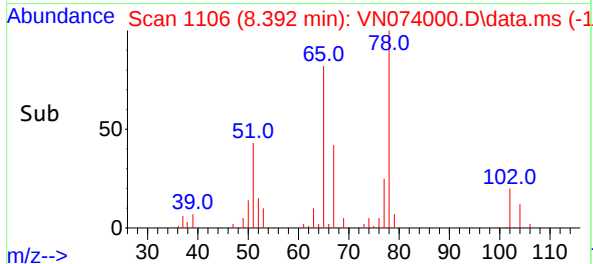
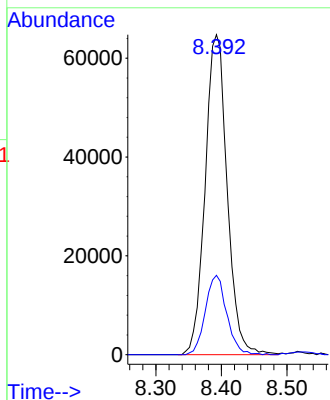
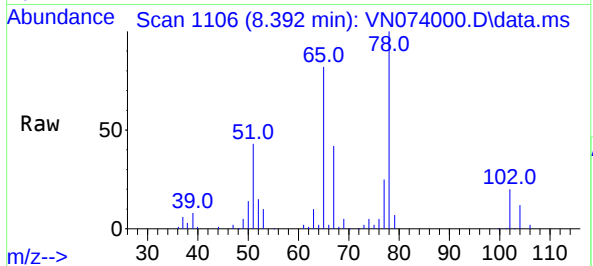
#40
Benzene
Concen: 6.014 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2

Tgt Ion: 78 Resp: 151120
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

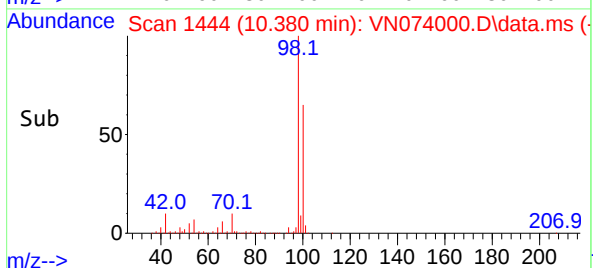
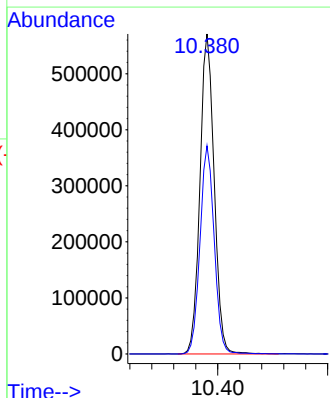
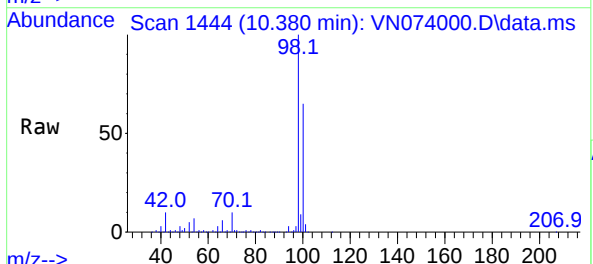
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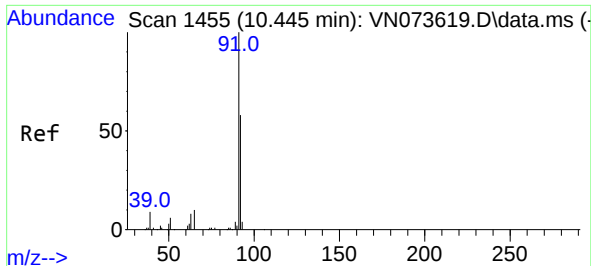
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#50
Toluene-d8
Concen: 46.160 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

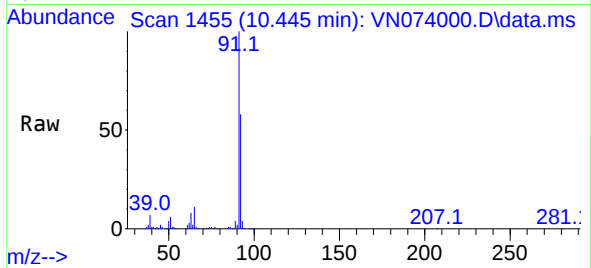
Tgt Ion: 98 Resp: 1024780
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#52
Toluene
Concen: 48.927 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

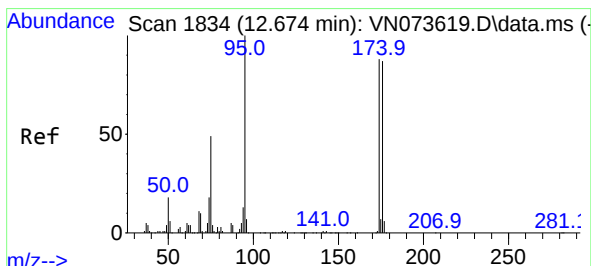
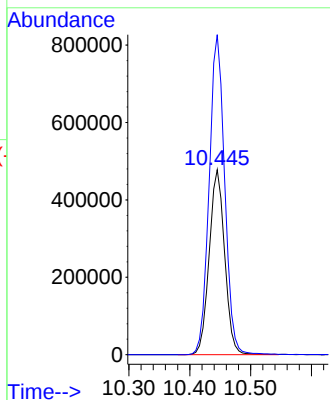
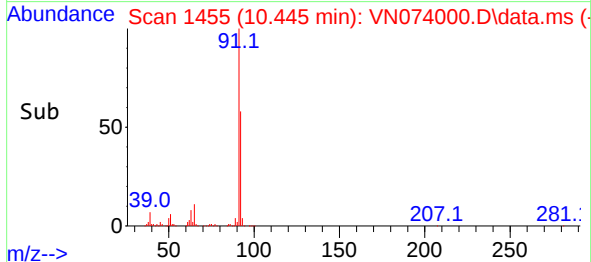
Instrument :
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ClientSampleId :
MW-1DL2



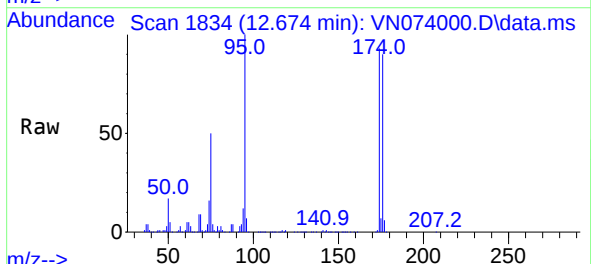
Tgt Ion: 92 Resp: 843080
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8

Manual Integrations
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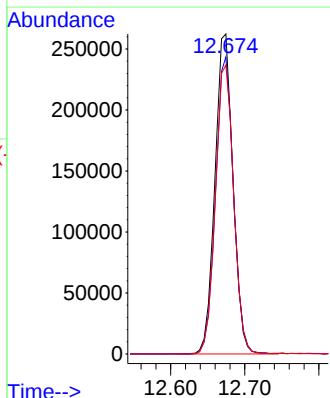
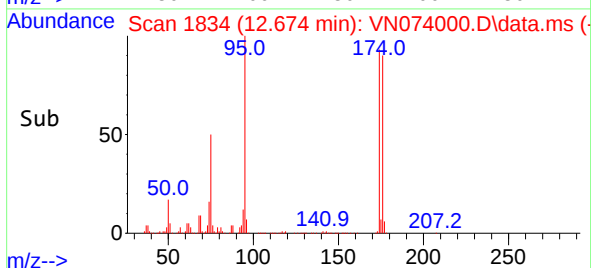
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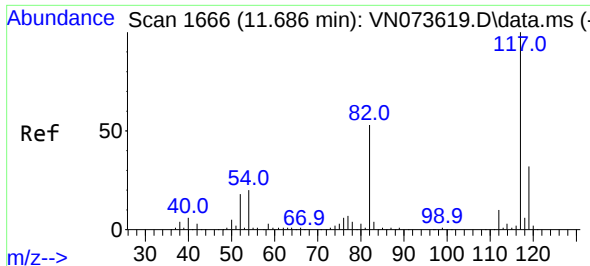


#62
4-Bromofluorobenzene
Concen: 60.252 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



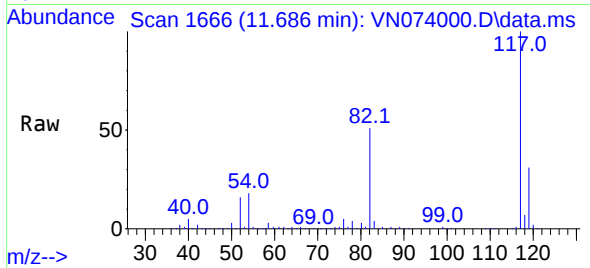
Tgt Ion: 95 Resp: 443941
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 90.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

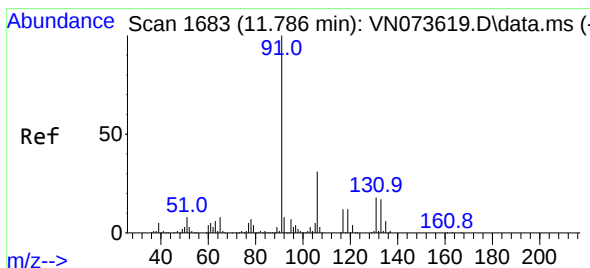
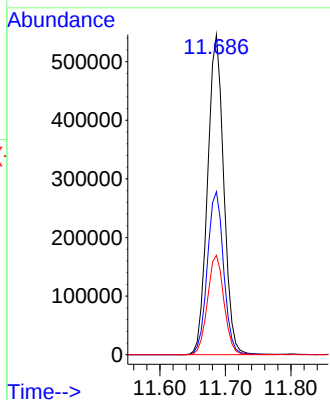
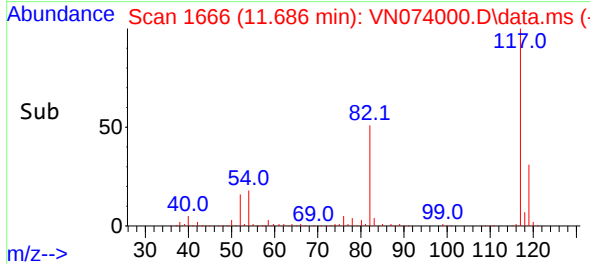
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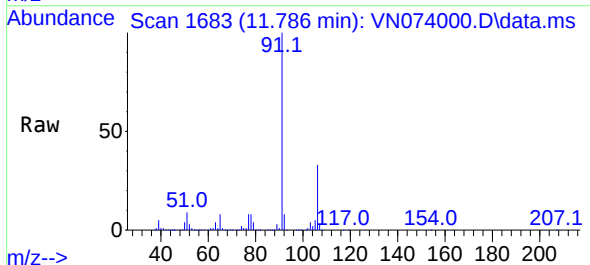
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Ion Ratio Lower Upper
117 100
82 51.0 44.2 66.2
119 31.0 25.4 38.0

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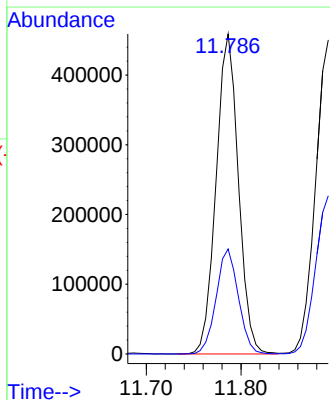
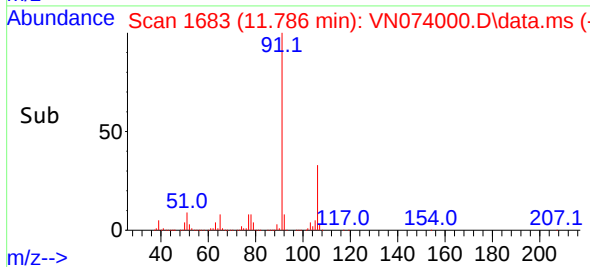
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

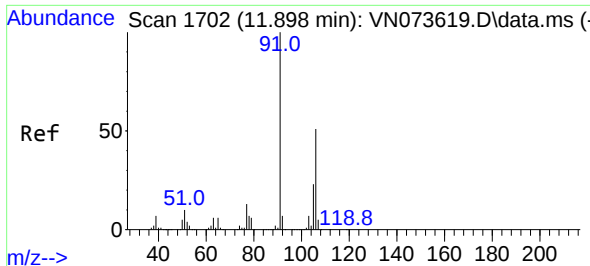


#67
Ethyl Benzene
Concen: 22.711 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



Tgt Ion: 91 Resp: 750138
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3





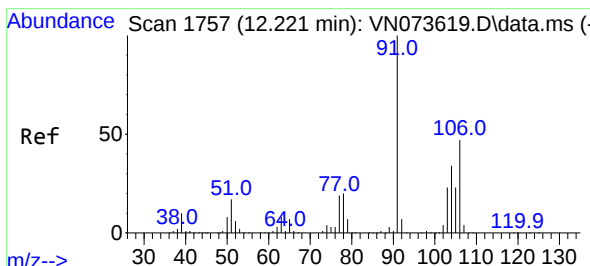
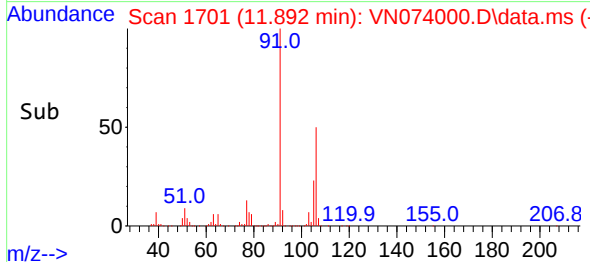
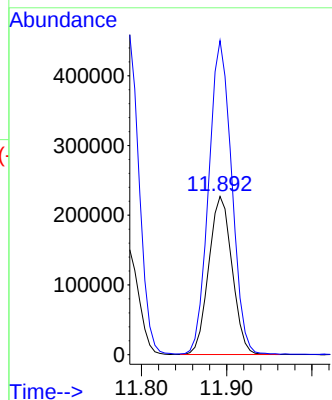
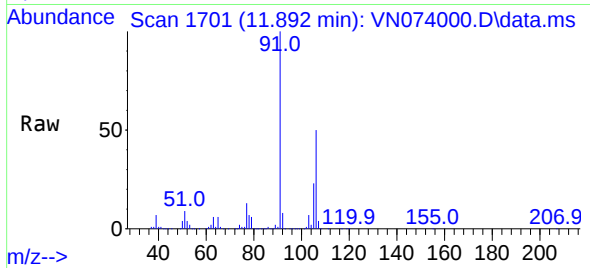
#68
m/p-Xylenes
Concen: 32.068 ug/l
RT: 11.892 min Scan# 11892
Delta R.T. -0.006 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2

Tgt Ion:106 Resp: 43036
Ion Ratio Lower Upper
106 100
91 197.0 158.9 238.3

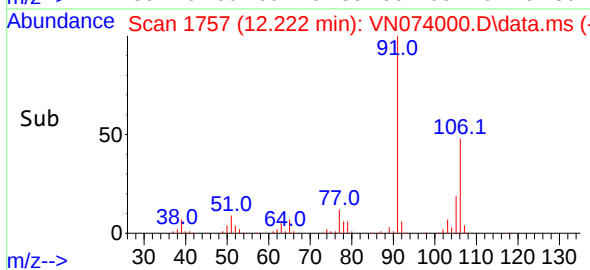
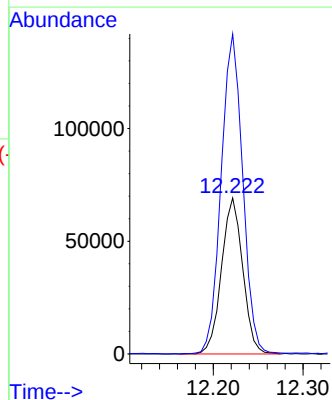
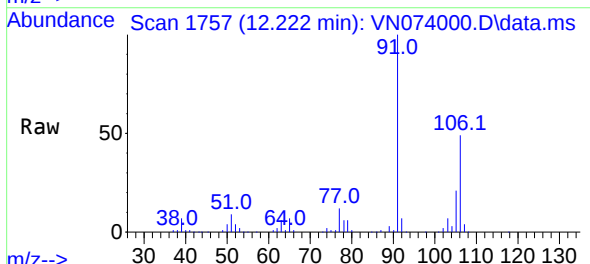
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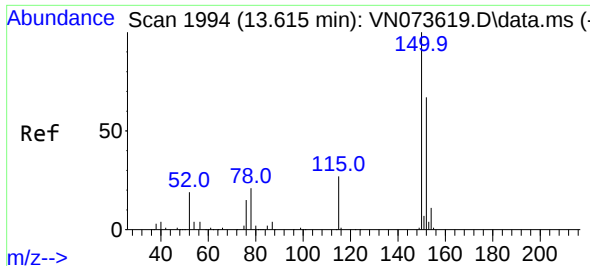
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022



#69
o-Xylene
Concen: 8.439 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.001 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

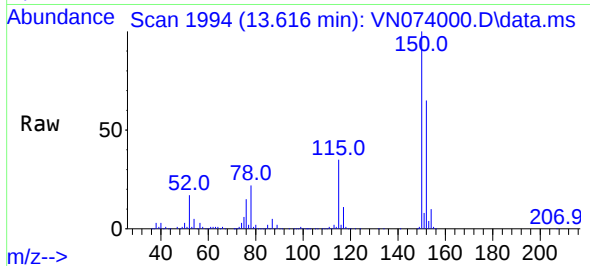
Tgt Ion:106 Resp: 113575
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

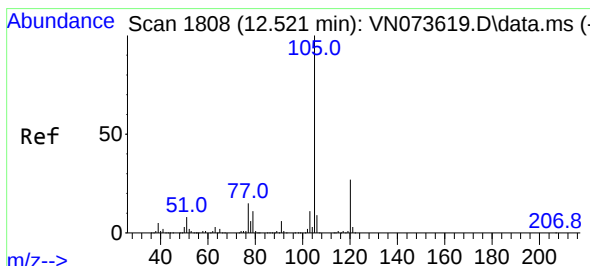
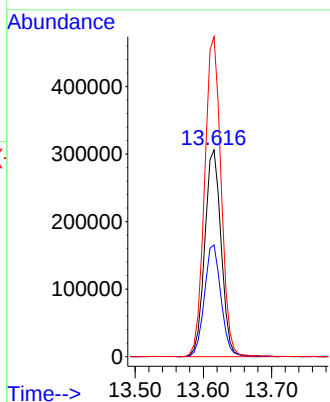
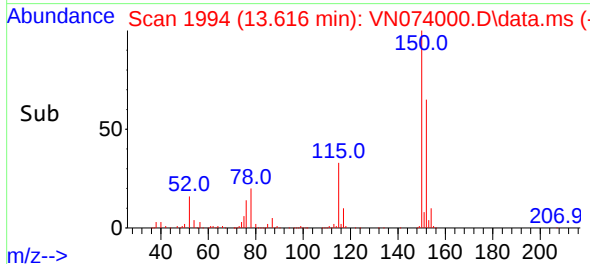
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2



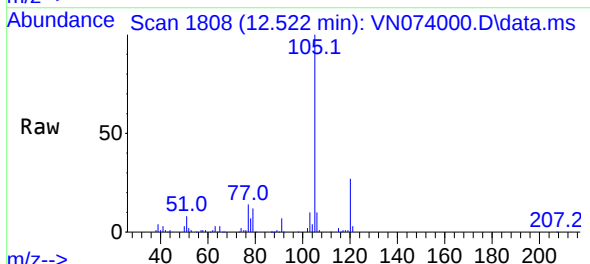
Tgt Ion:152 Resp: 511379
Ion Ratio Lower Upper
152 100
115 55.1 28.9 86.7
150 156.0 0.0 356.2

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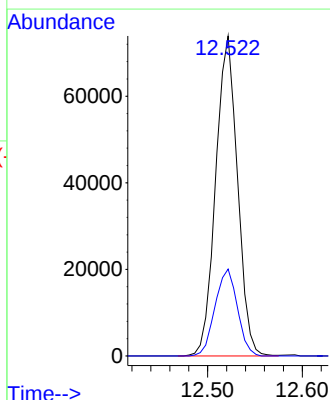
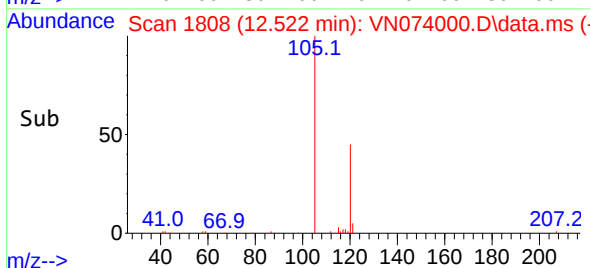
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

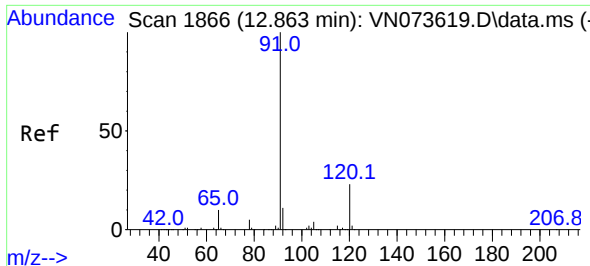


#73
Isopropylbenzene
Concen: 3.179 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.001 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



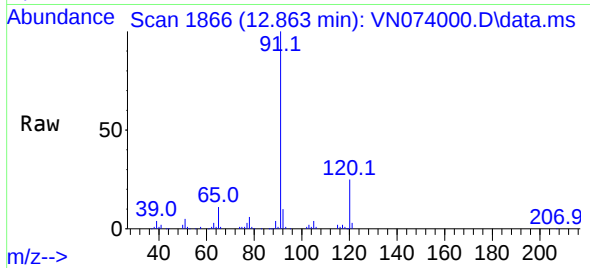
Tgt Ion:105 Resp: 118368
Ion Ratio Lower Upper
105 100
120 27.8 13.5 40.4





#78
n-propylbenzene
Concen: 3.577 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

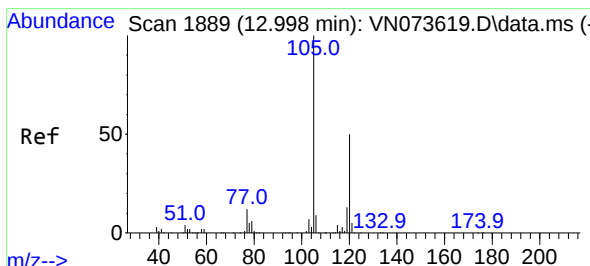
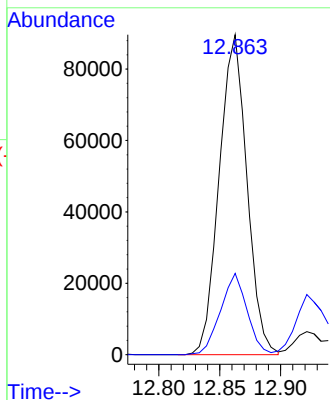
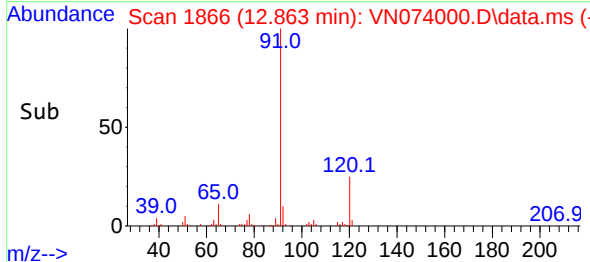
Instrument : MSVOA_N
ClientSampleId : MW-1DL2



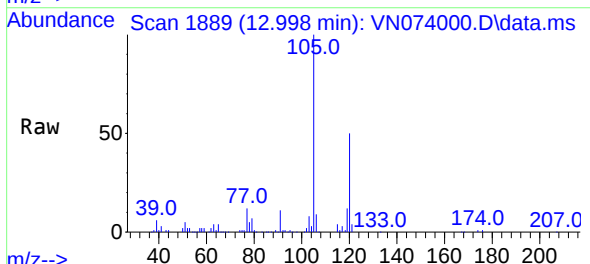
Tgt Ion: 91 Resp: 141997
Ion Ratio Lower Upper
91 100
120 24.3 11.9 35.5

Manual Integrations
APPROVED

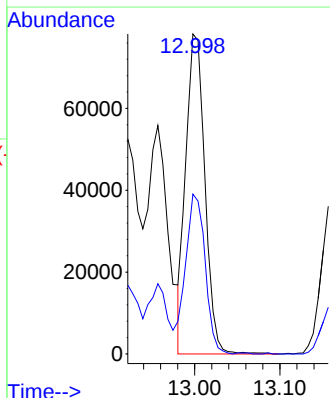
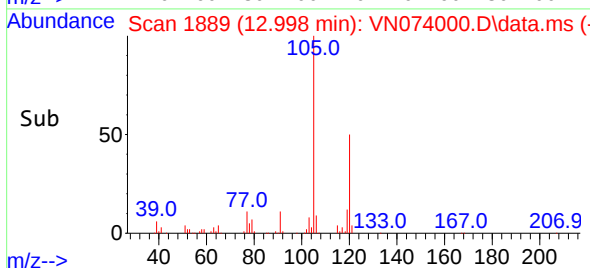
Reviewed By :John Carlone 08/19/2022
Supervised By :Mahesh Dadoda 08/22/2022

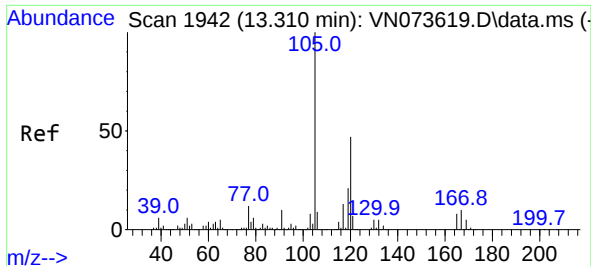


#80
1,3,5-Trimethylbenzene
Concen: 4.013 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



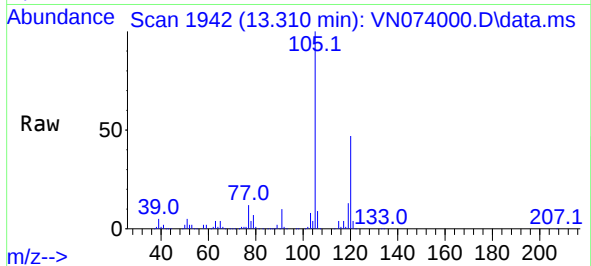
Tgt Ion:105 Resp: 121557
Ion Ratio Lower Upper
105 100
120 52.0 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 11.723 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20

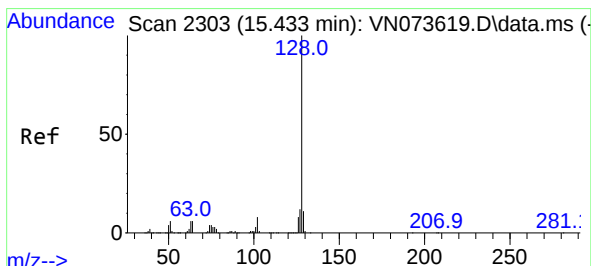
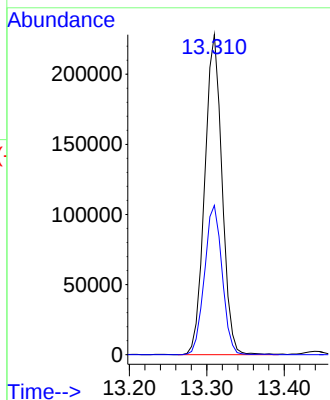
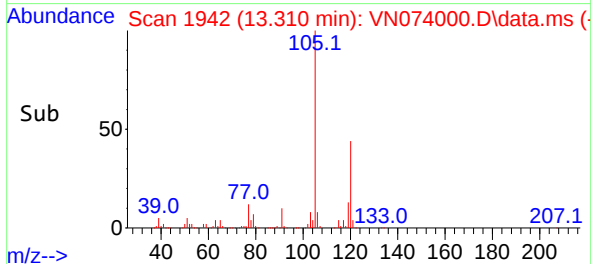
Instrument :
MSVOA_N
ClientSampleId :
MW-1DL2



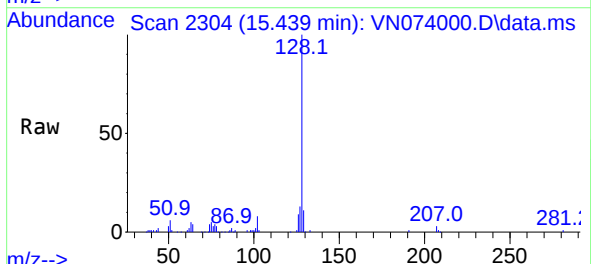
Tgt Ion:105 Resp: 354574
Ion Ratio Lower Upper
105 100
120 47.4 23.3 69.8

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 2.927 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN074000.D
Acq: 18 Aug 2022 13:20



Tgt Ion:128 Resp: 104823
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.9 8.6 13.0

