

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
 Data File : VN072975.D
 Acq On : 21 Jun 2022 11:52
 Operator : JC\MD
 Sample : N3357-09DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 22 06:59:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	322182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	515580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	455277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.604	152	221515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187560	43.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.120%		
35) Dibromofluoromethane	7.951	113	162265	50.919	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.840%		
50) Toluene-d8	10.374	98	527962	44.524	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.668	95	227081	53.256	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.520%		
Target Compounds					Qvalue	
39) Methylcyclohexane	9.386	83	2992	0.576	ug/l	92
52) Toluene	10.439	92	5754	0.692	ug/l	96
67) Ethyl Benzene	11.780	91	1179179	75.338	ug/l	99
68) m/p-Xylenes	11.886	106	551751	89.877	ug/l	98
69) o-Xylene	12.216	106	29899	4.874	ug/l	99
73) Isopropylbenzene	12.510	105	54635	3.188	ug/l	99
78) n-propylbenzene	12.857	91	247517	13.131	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	250776	17.815	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	1477699	105.395	ug/l	98
85) sec-Butylbenzene	13.433	105	14372m	0.836	ug/l	
86) p-Isopropyltoluene	13.551	119	5921	0.425	ug/l #	78
89) n-Butylbenzene	13.874	91	14754	1.298	ug/l #	61
95) Naphthalene	15.427	128	510925	29.857	ug/l	100

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

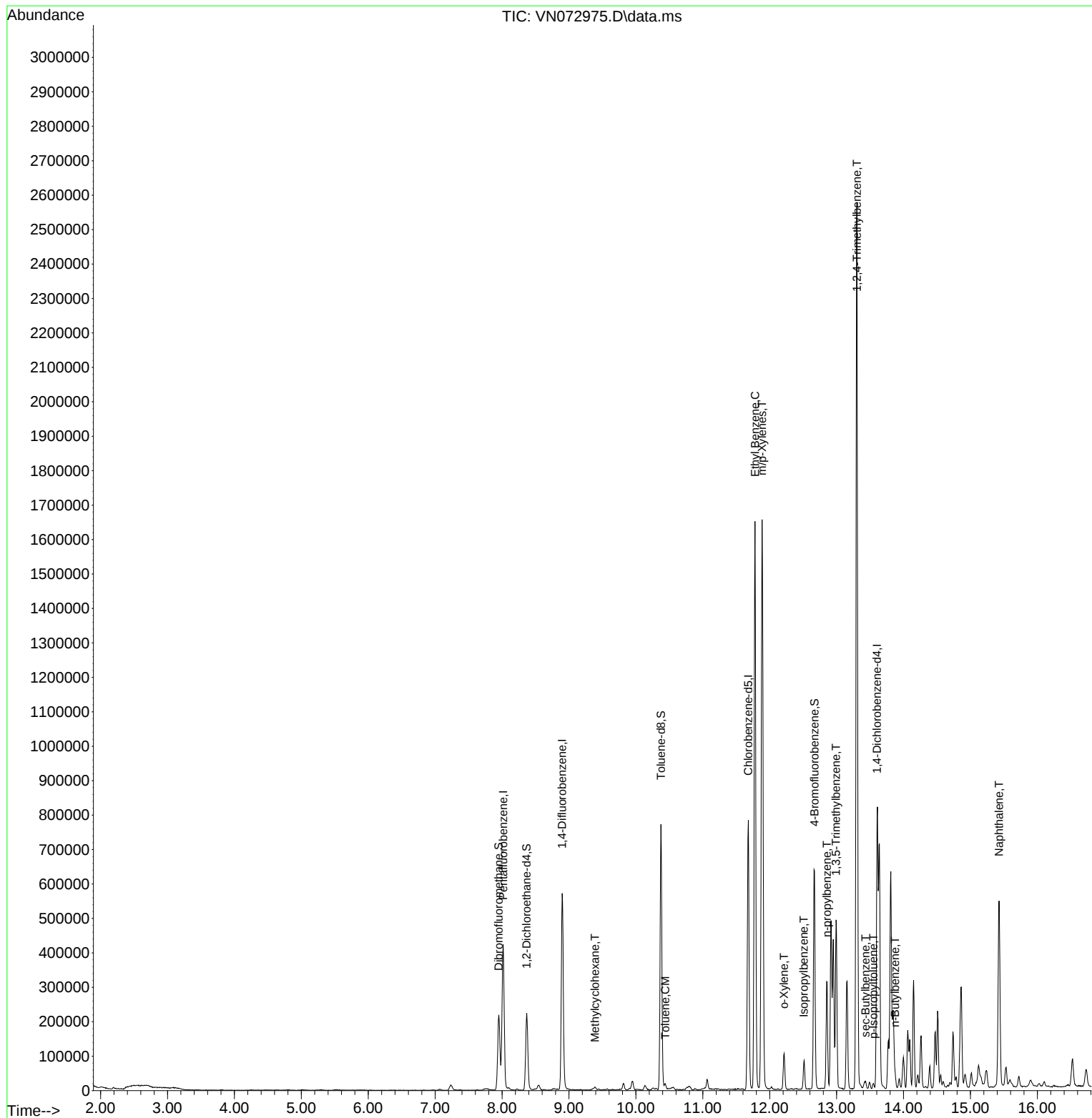
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062122\
Data File : VN072975.D
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Operator : JC\MD
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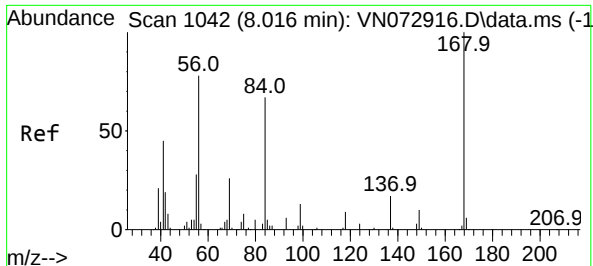
Instrument :
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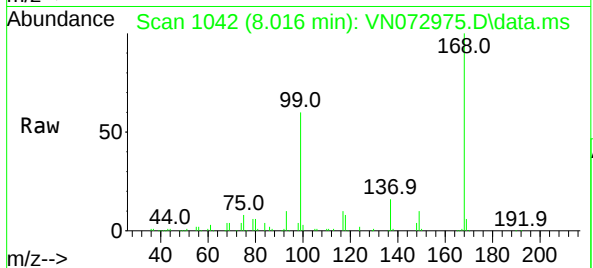
Quant Time: Jun 22 06:59:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

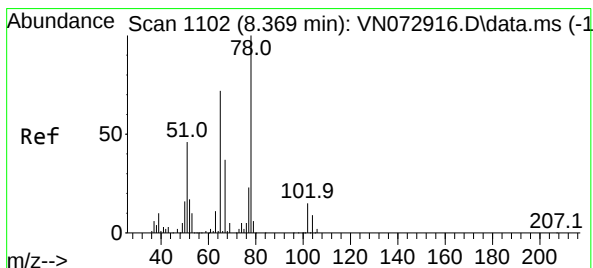
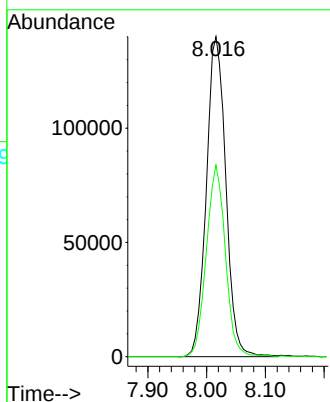
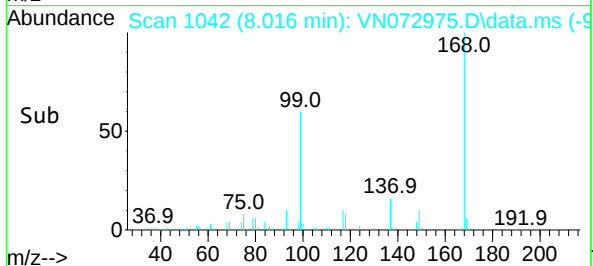
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



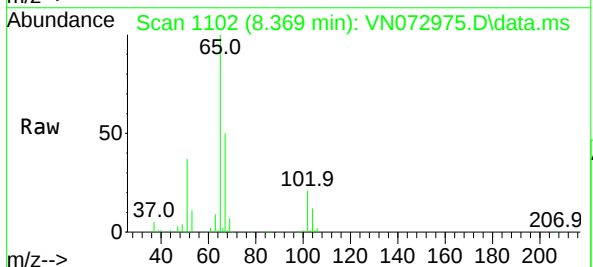
Tgt Ion:168 Resp: 32218
Ion Ratio Lower Upper
168 100
99 59.8 42.3 63.5

Manual Integrations
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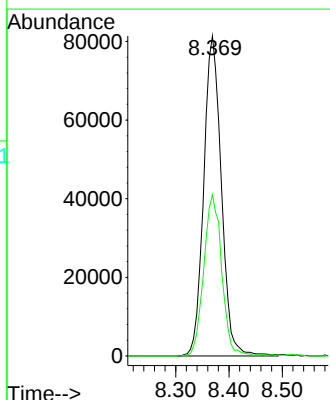
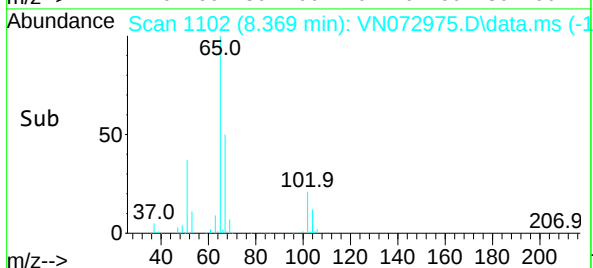
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#33
1,2-Dichloroethane-d4
Concen: 43.060 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52



Tgt Ion: 65 Resp: 187560
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072975.D

Acq: 21 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

Tgt Ion:114 Resp: 515580

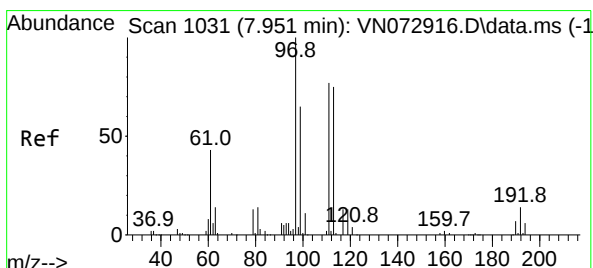
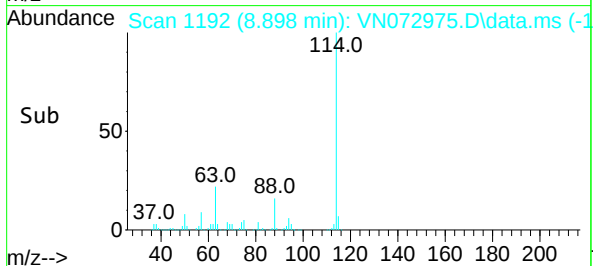
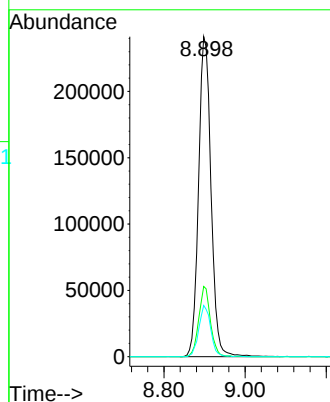
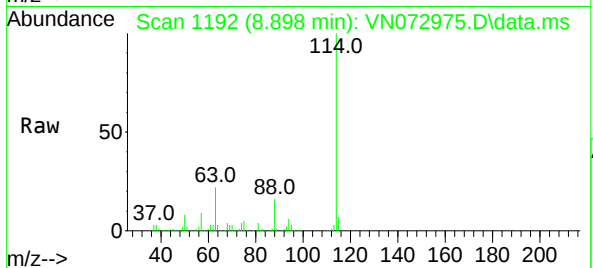
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	40.0
88	16.0	0.0	32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 50.919 ug/l

RT: 7.951 min Scan# 1031

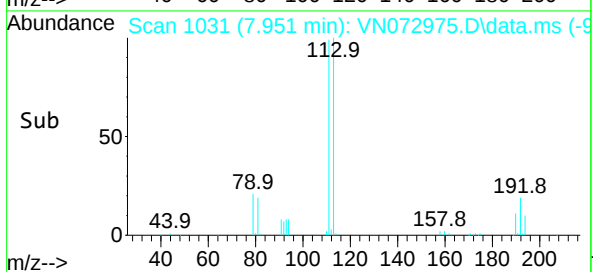
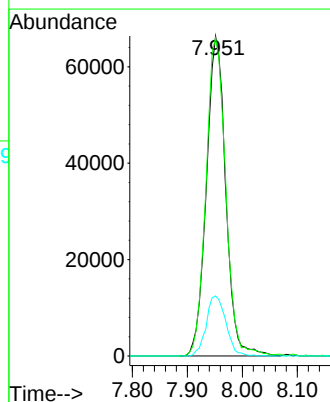
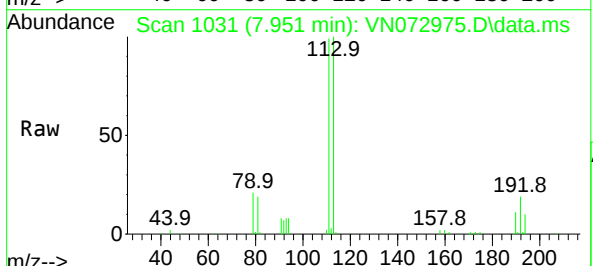
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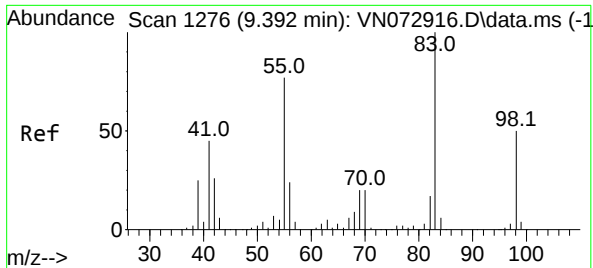
Lab File: VN072975.D

Acq: 21 Jun 2022 11:52

Tgt Ion:113 Resp: 162265

Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	19.1	17.0	25.6





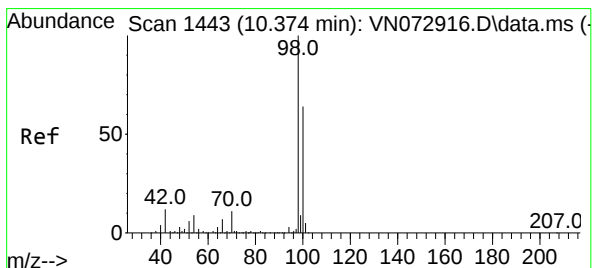
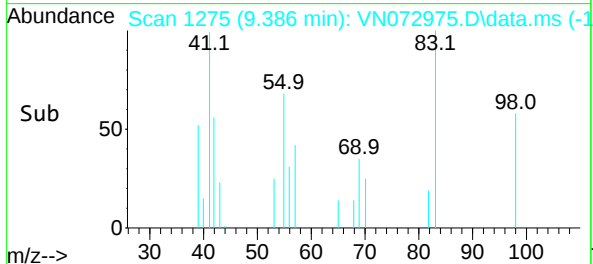
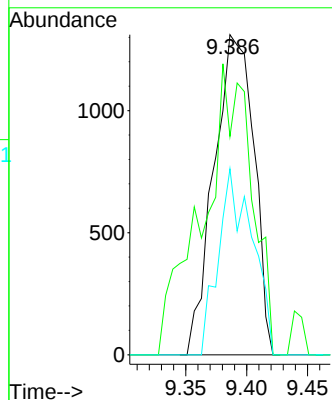
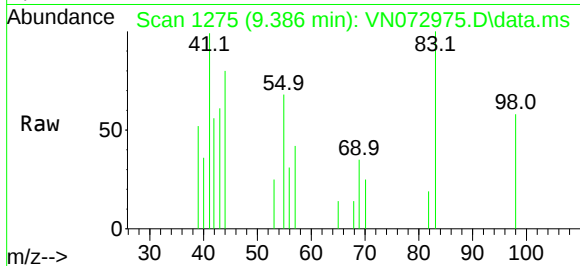
#39
Methylcyclohexane
Concen: 0.576 ug/l
RT: 9.386 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 83 Resp: 2992
Ion Ratio Lower Upper
83 100
55 68.2 57.8 86.8
98 58.1 39.4 59.2

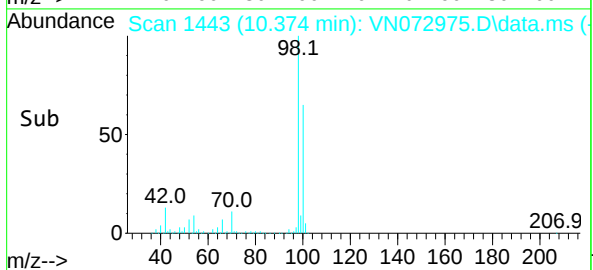
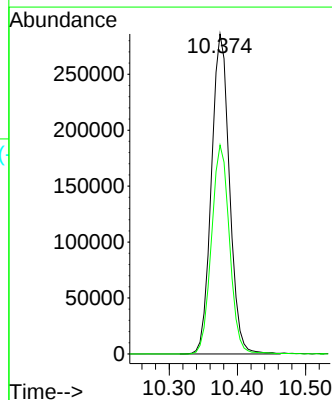
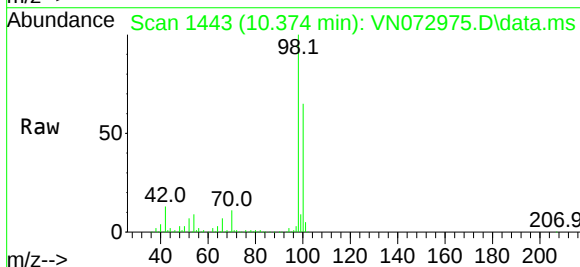
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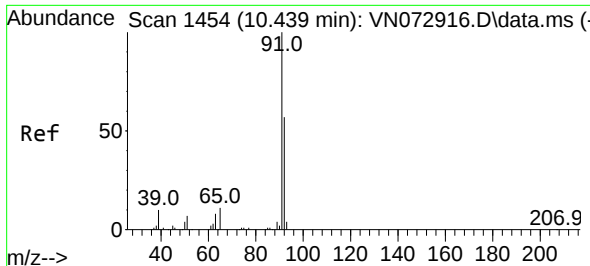
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#50
Toluene-d8
Concen: 44.524 ug/l
RT: 10.374 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

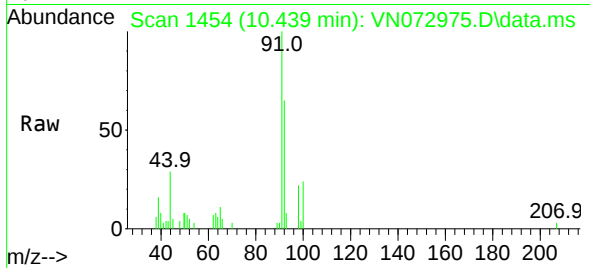
Tgt Ion: 98 Resp: 527962
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#52
Toluene
Concen: 0.692 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

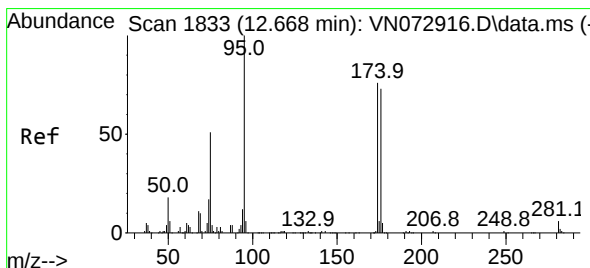
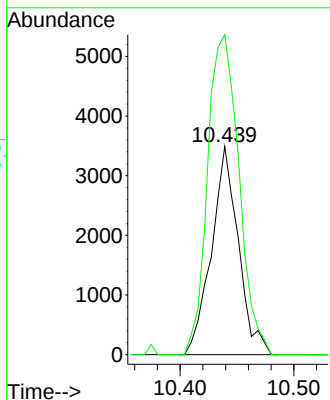
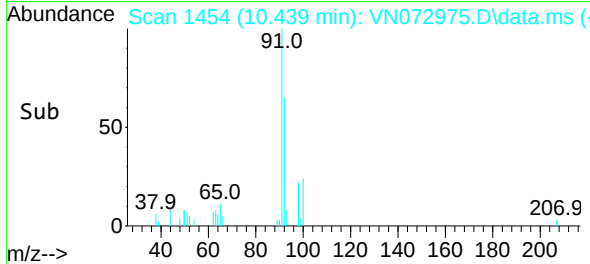
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



Tgt Ion: 92 Resp: 5754
Ion Ratio Lower Upper
92 100
91 179.3 138.6 207.8

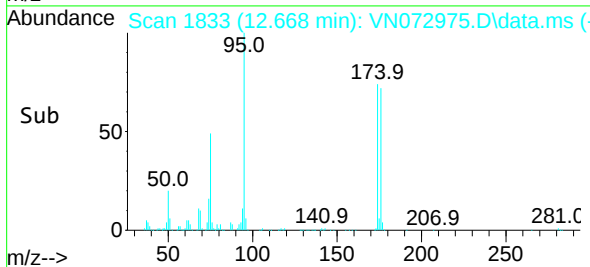
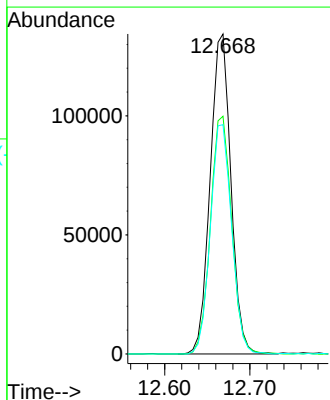
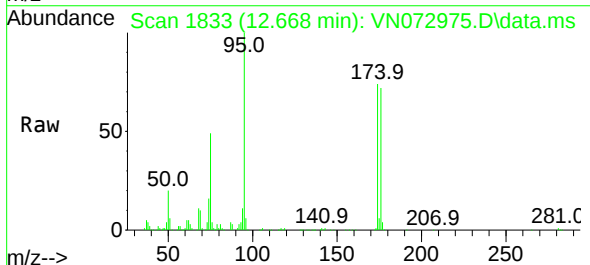
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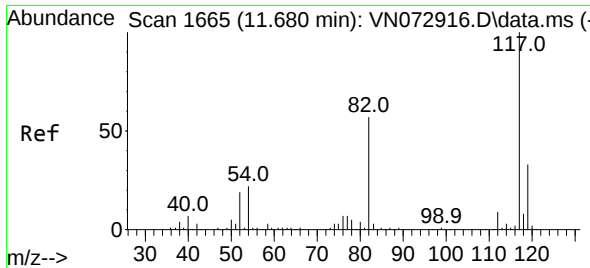
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#62
4-Bromofluorobenzene
Concen: 53.256 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

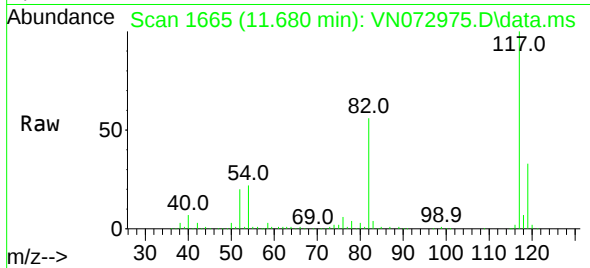
Tgt Ion: 95 Resp: 227081
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 73.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

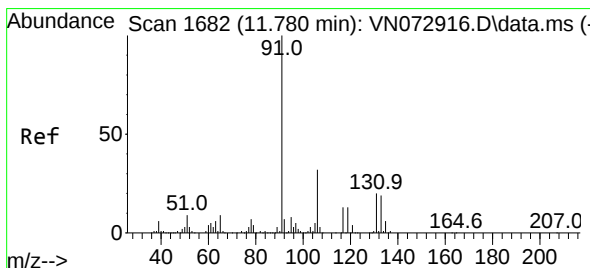
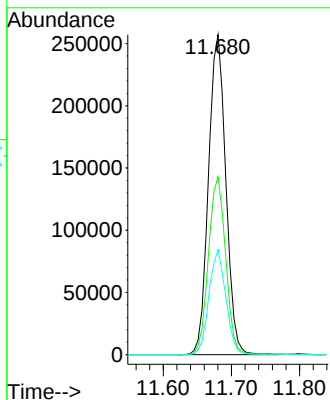
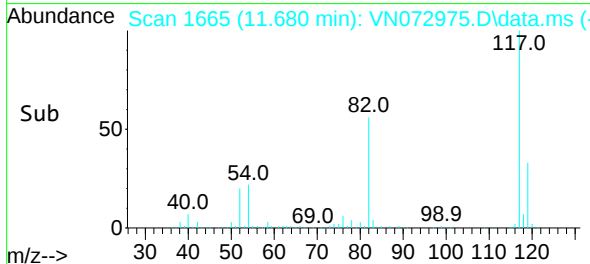
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



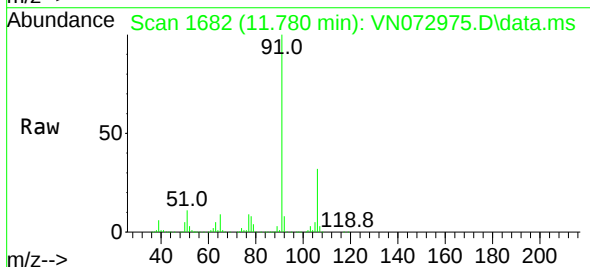
Tgt Ion:117 Resp: 45527
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.8 25.4 38.0

Manual Integrations
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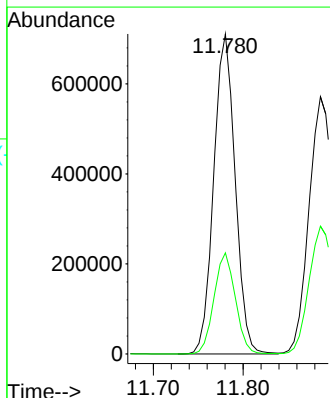
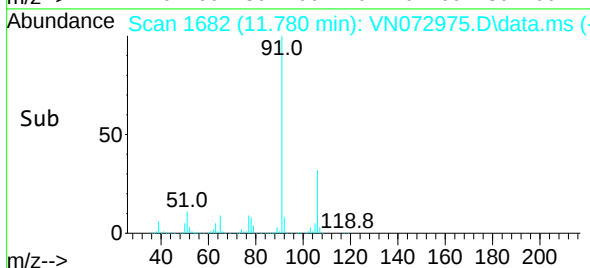
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

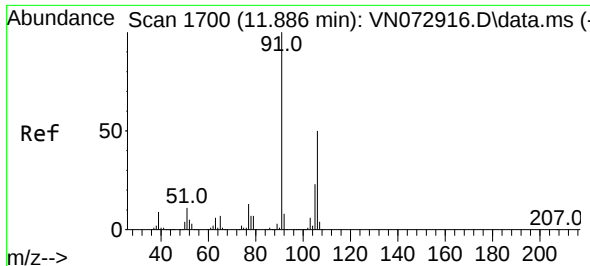


#67
Ethyl Benzene
Concen: 75.338 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52



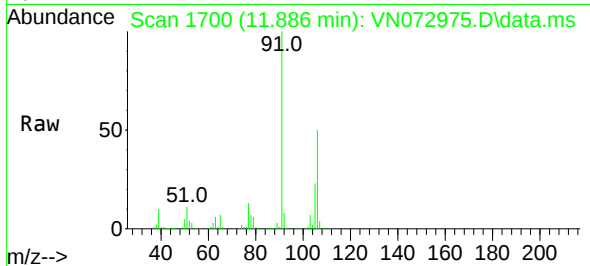
Tgt Ion: 91 Resp: 1179179
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3





#68
m/p-Xylenes
Concen: 89.877 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

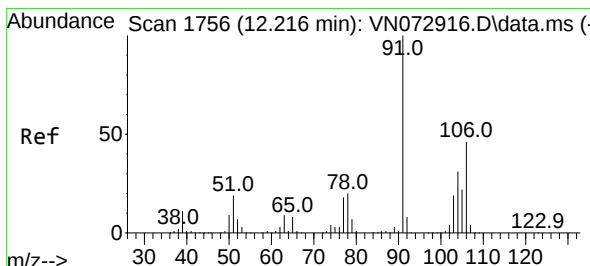
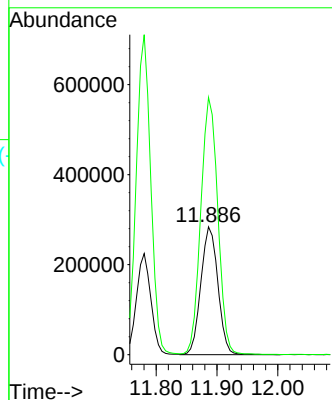
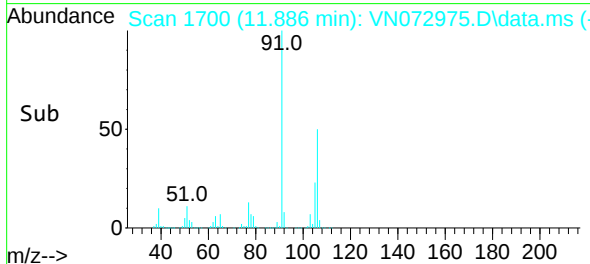
Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



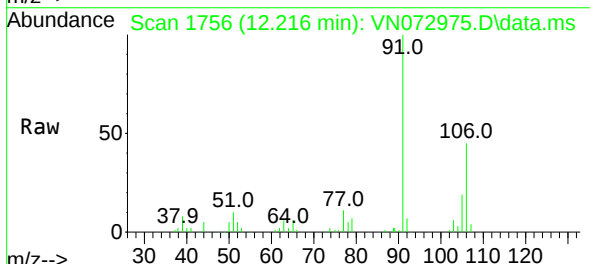
Tgt Ion:106 Resp: 55175
Ion Ratio Lower Upper
106 100
91 201.8 158.9 238.3

Manual Integrations
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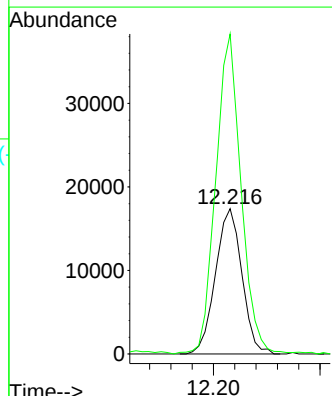
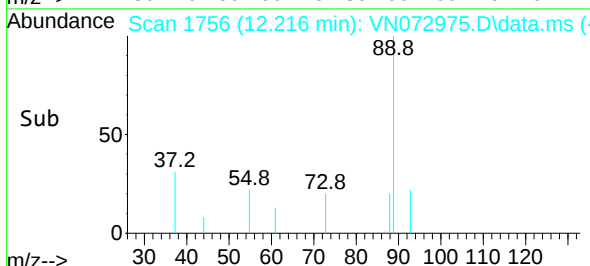
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

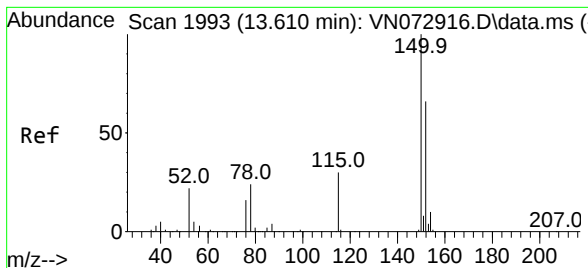


#69
o-Xylene
Concen: 4.874 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52



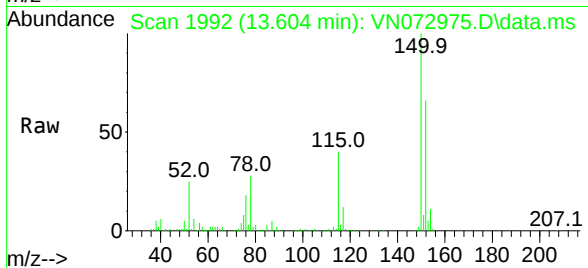
Tgt Ion:106 Resp: 29899
Ion Ratio Lower Upper
106 100
91 210.7 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.604 min Scan# 1993
Delta R.T. -0.006 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

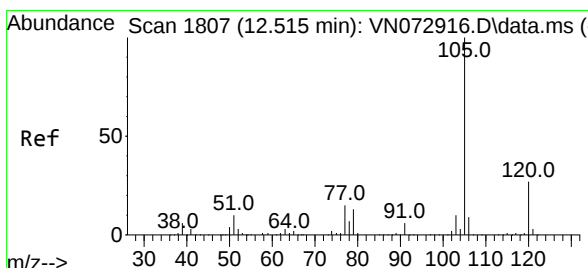
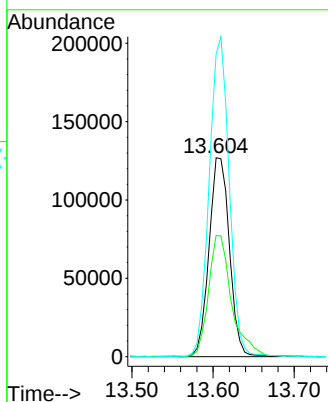
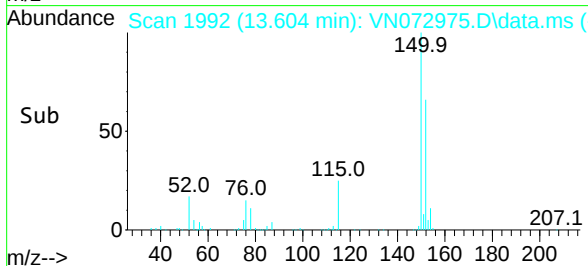
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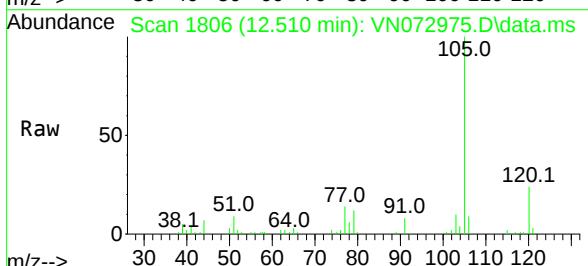
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Ion Ratio Lower Upper
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150 157.9 0.0 356.2

Manual Integrations
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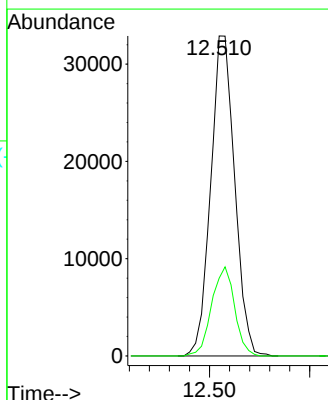
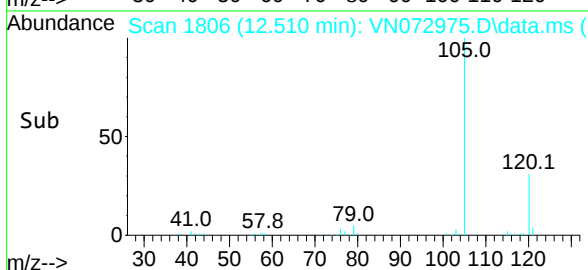
Reviewed By :John Carlone 06/22/2022
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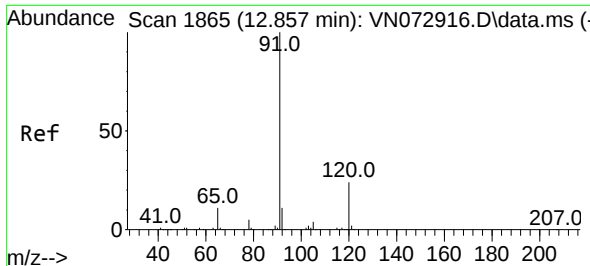


#73
Isopropylbenzene
Concen: 3.188 ug/l
RT: 12.510 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52



Tgt Ion:105 Resp: 54635
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





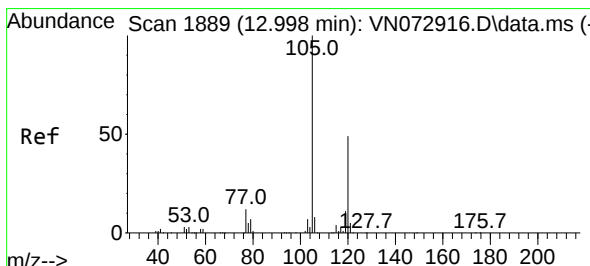
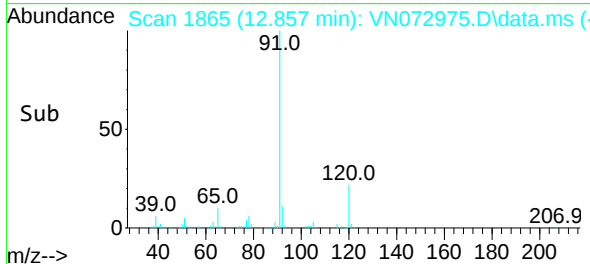
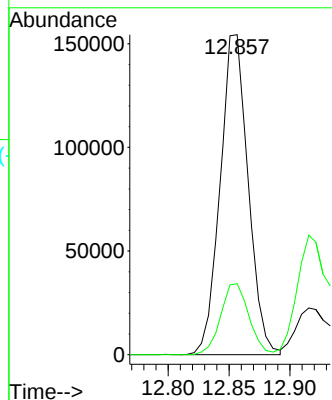
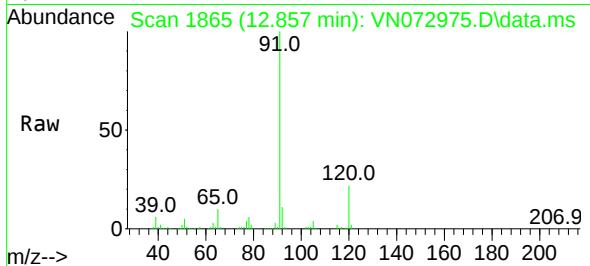
#78
n-propylbenzene
Concen: 13.131 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion: 91 Resp: 24751
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

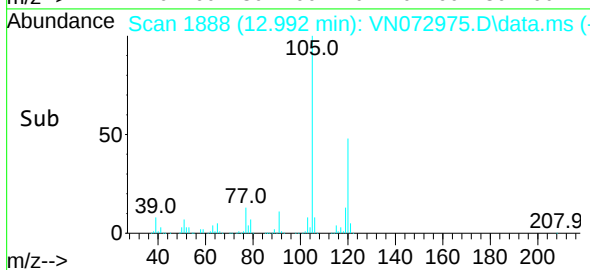
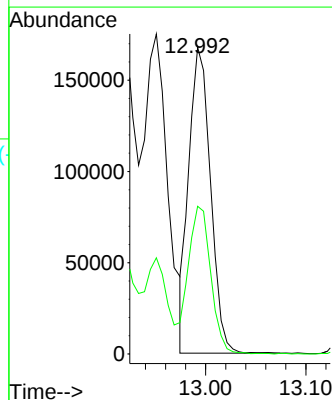
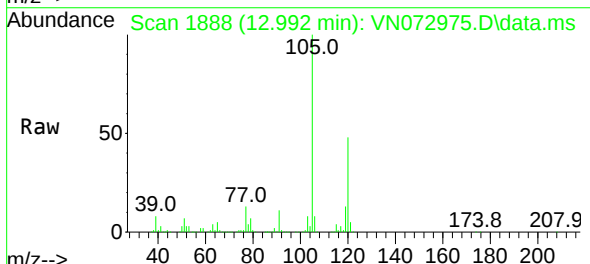
Manual Integrations
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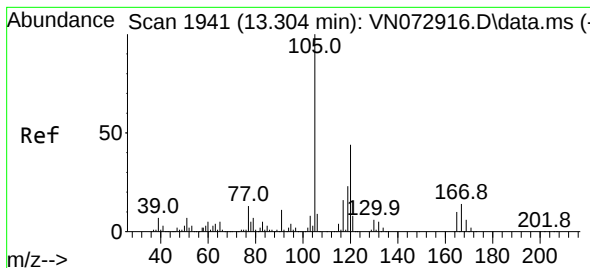
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.815 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

Tgt Ion:105 Resp: 250776
Ion Ratio Lower Upper
105 100
120 51.8 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 105.395 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. 0.000 min

Lab File: VN072975.D

Acq: 21 Jun 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

MW-14DL

Tgt Ion:105 Resp: 1477699

Ion Ratio Lower Upper

105 100

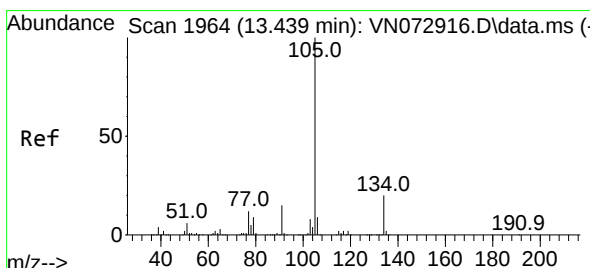
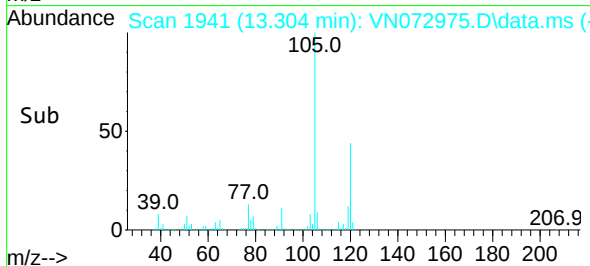
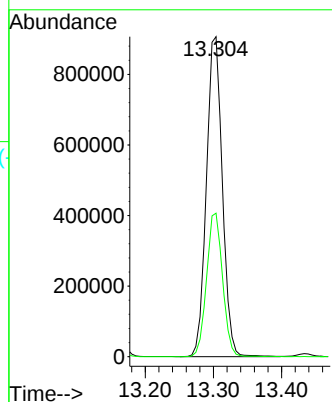
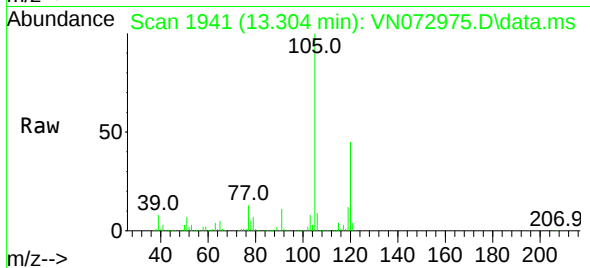
120 45.0 23.3 69.8

Manual Integrations

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Reviewed By :John Carlone 06/22/2022

Supervised By :Mahesh Dadoda 06/23/2022



#85

sec-Butylbenzene

Concen: 0.836 ug/l m

RT: 13.433 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VN072975.D

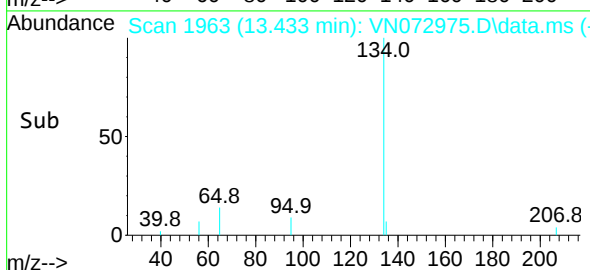
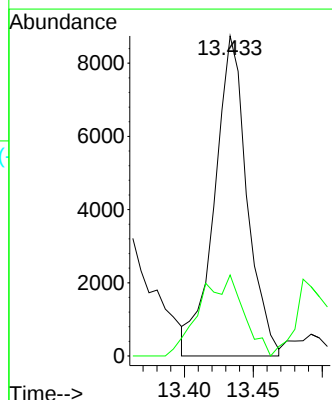
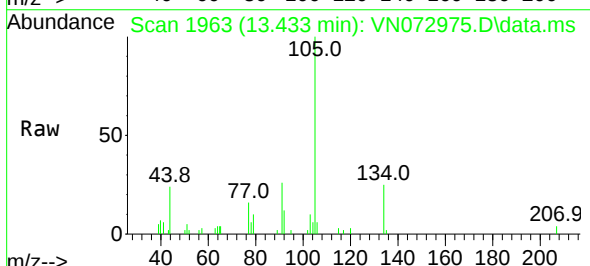
Acq: 21 Jun 2022 11:52

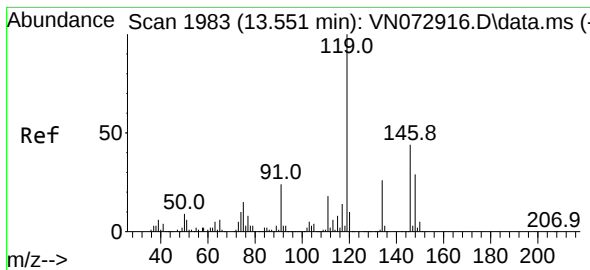
Tgt Ion:105 Resp: 14372

Ion Ratio Lower Upper

105 100

134 0.0 10.4 31.1#





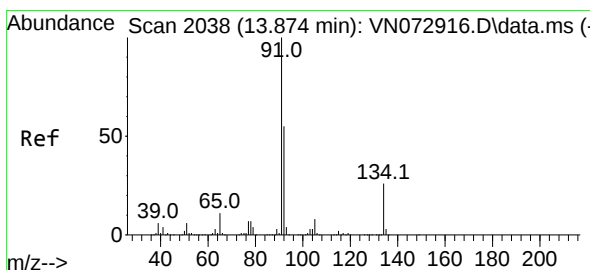
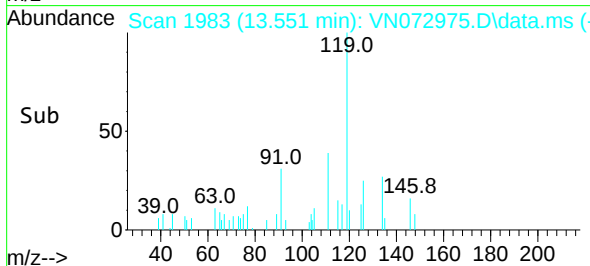
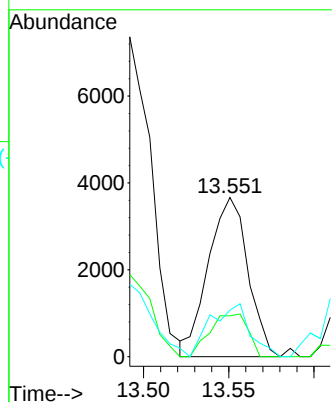
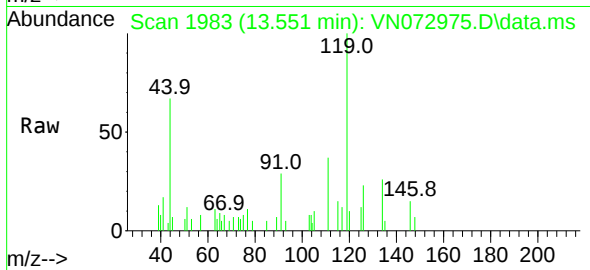
#86
p-Isopropyltoluene
Concen: 0.425 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL

Tgt Ion:119 Resp: 5920
Ion Ratio Lower Upper
119 100
134 25.7 13.3 39.8
91 0.0 11.3 33.9

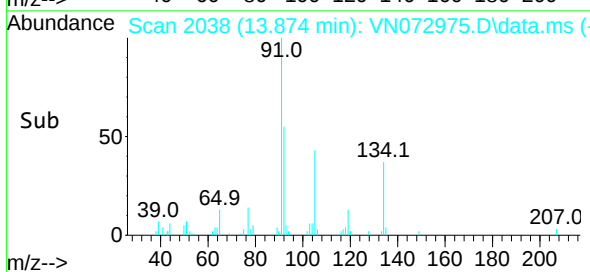
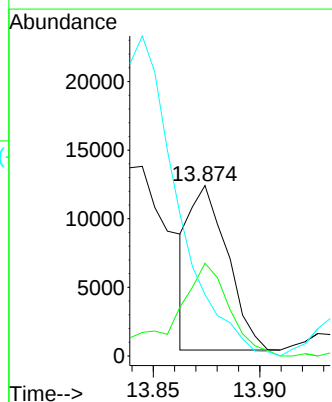
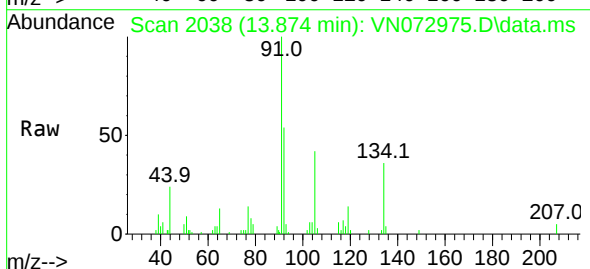
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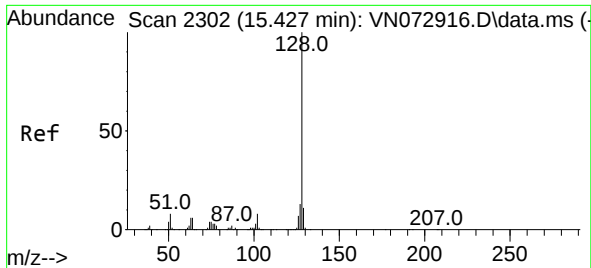
Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022



#89
n-Butylbenzene
Concen: 1.298 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

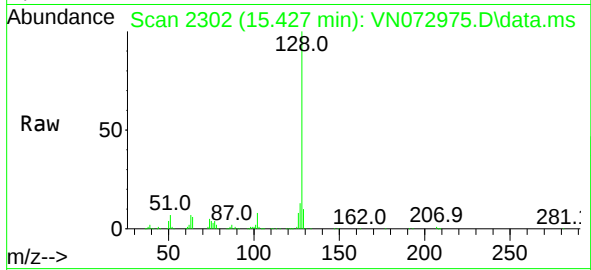
Tgt Ion: 91 Resp: 14754
Ion Ratio Lower Upper
91 100
92 77.1 26.9 80.7
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 29.857 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072975.D
Acq: 21 Jun 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
MW-14DL



Tgt Ion:128 Resp: 510925
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.7 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/22/2022
Supervised By :Mahesh Dadoda 06/23/2022

