

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074300.D
 Acq On : 02 Sep 2022 21:23
 Operator : JC\MD
 Sample : N4376-03DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-38DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 04:41:54 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	257177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	465400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	456669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	219811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	175331	43.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.460%		
35) Dibromofluoromethane	7.951	113	154629	50.140	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.280%		
50) Toluene-d8	10.380	98	544727	44.794	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.669	95	201876	45.631	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.281	59	11715	16.107	ug/l #	80
19) Methyl tert-butyl Ether	5.551	73	3932m	0.392	ug/l	
31) Cyclohexane	8.016	56	12173	2.273	ug/l #	64
39) Methylcyclohexane	9.392	83	3714	0.704	ug/l #	61
40) Benzene	8.392	78	293287	21.240	ug/l	99
52) Toluene	10.445	92	14063	1.648	ug/l	99
67) Ethyl Benzene	11.786	91	198745	10.800	ug/l	96
68) m/p-Xylenes	11.892	106	83111	12.098	ug/l	96
69) o-Xylene	12.216	106	44082	6.429	ug/l	100
73) Isopropylbenzene	12.521	105	12291	0.639	ug/l	99
78) n-propylbenzene	12.863	91	30440	1.384	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	21911	1.420	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	117810	7.536	ug/l	97
95) Naphthalene	15.433	128	40718	3.284	ug/l #	96

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

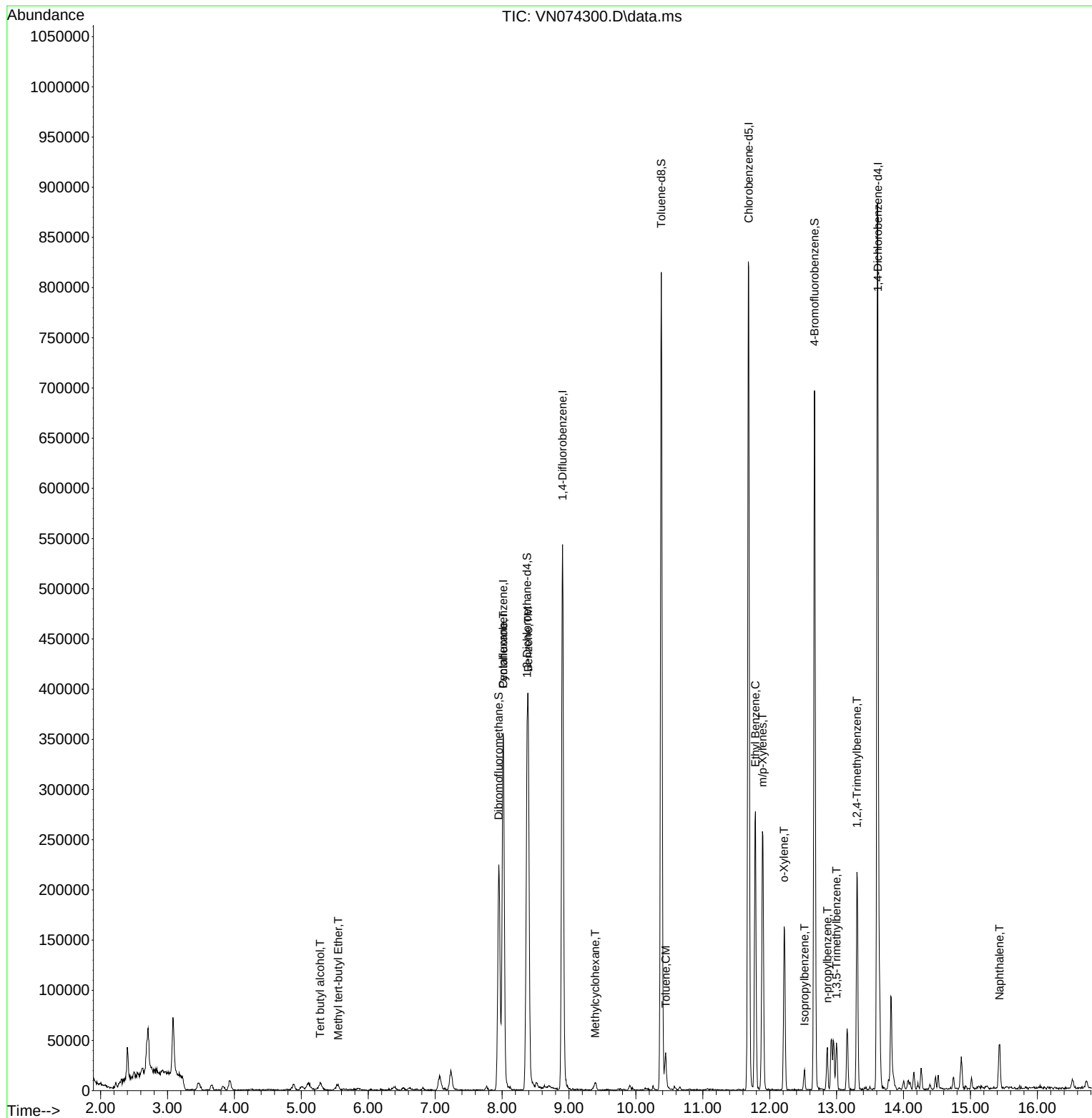
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
Data File : VN074300.D
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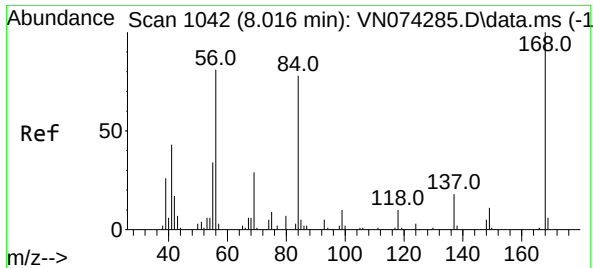
Instrument :
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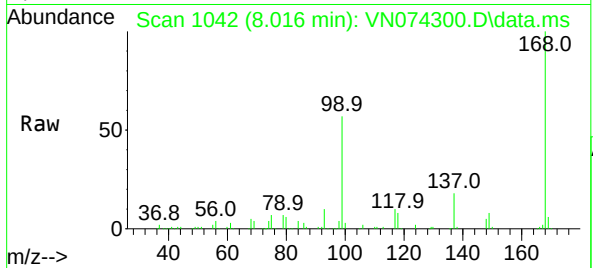
Quant Time: Sep 03 04:41:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
Quant Title : SW846 8260
QLast Update : Sat Sep 03 04:35:33 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

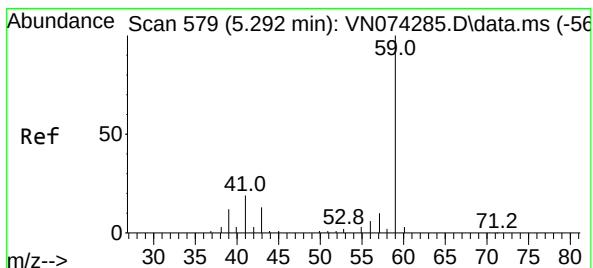
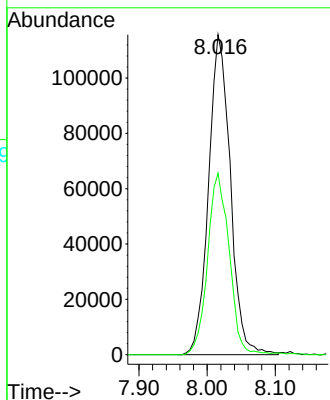
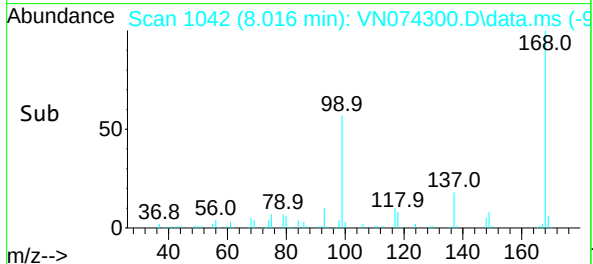
Instrument :
MSVOA_N
ClientSampleId :
MW-38DL



Tgt Ion:168 Resp: 25717
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5

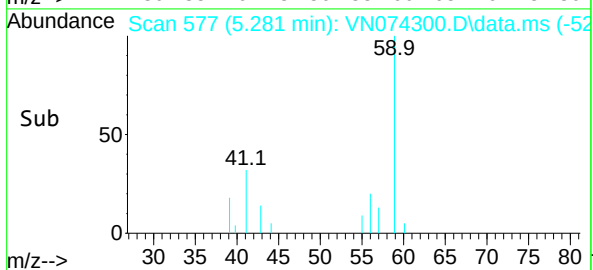
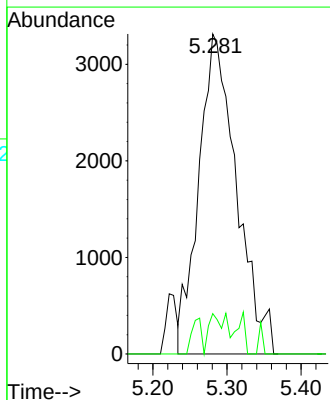
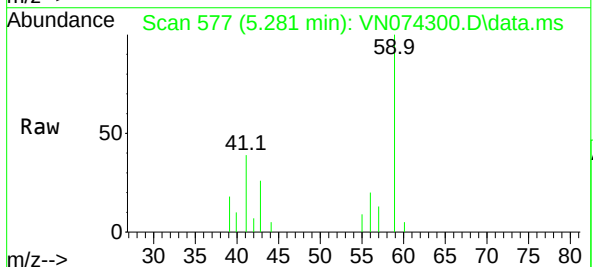
Manual Integrations
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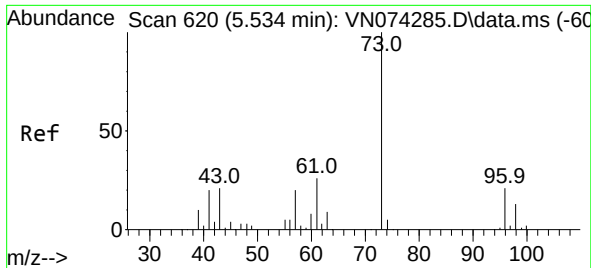
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#11
Tert butyl alcohol
Concen: 16.107 ug/l
RT: 5.281 min Scan# 577
Delta R.T. -0.006 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

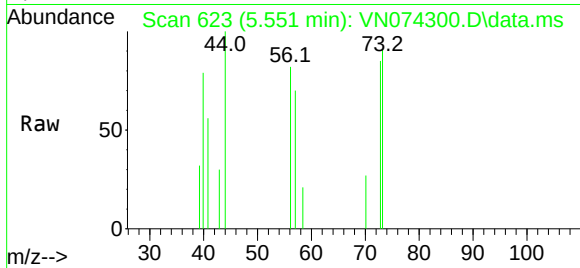
Tgt Ion: 59 Resp: 11715
Ion Ratio Lower Upper
59 100
57 2.8 8.3 12.5#





#19
Methyl tert-butyl Ether
Concen: 0.392 ug/l m
RT: 5.551 min Scan# 61
Delta R.T. 0.017 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

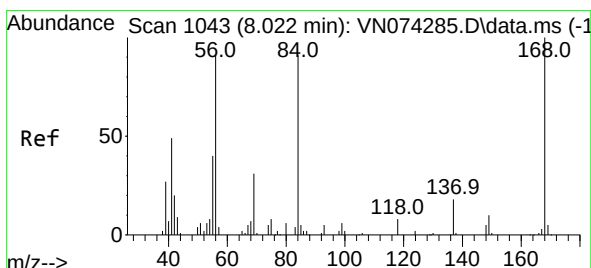
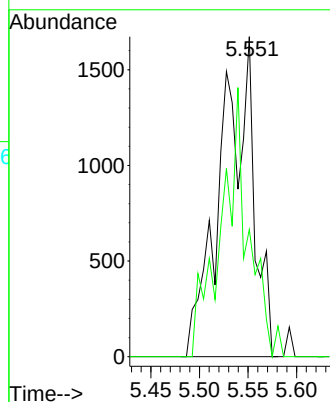
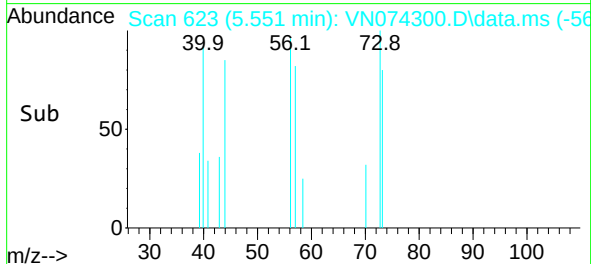
Instrument :
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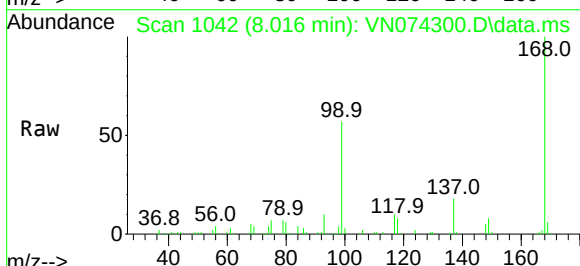
Tgt Ion: 73 Resp: 393
Ion Ratio Lower Upper
73 100
57 77.0 17.6 26.4

Manual Integrations
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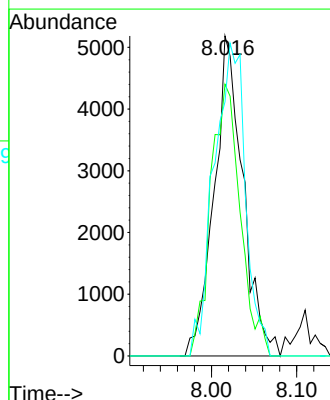
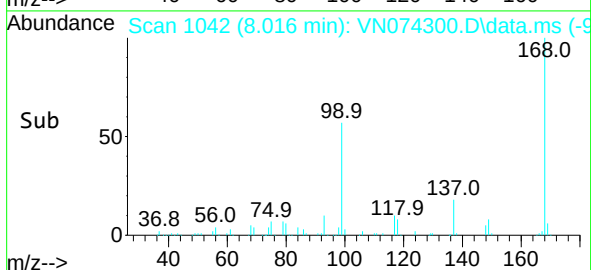
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

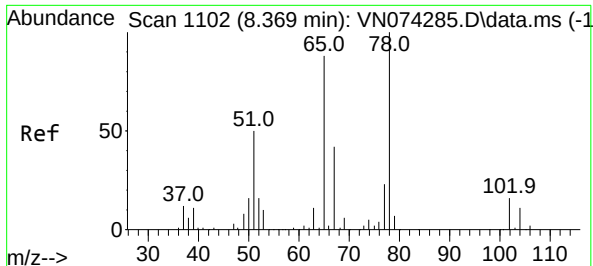


#31
Cyclohexane
Concen: 2.273 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23



Tgt Ion: 56 Resp: 12173
Ion Ratio Lower Upper
56 100
69 84.9 27.8 41.8
84 79.4 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 43.735 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN074300.D

Acq: 02 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-38DL

Tgt Ion: 65 Resp: 17533

Ion Ratio Lower Upper

65 100

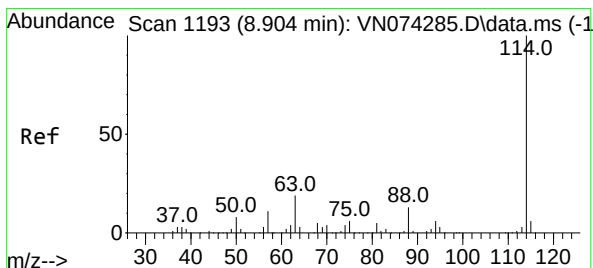
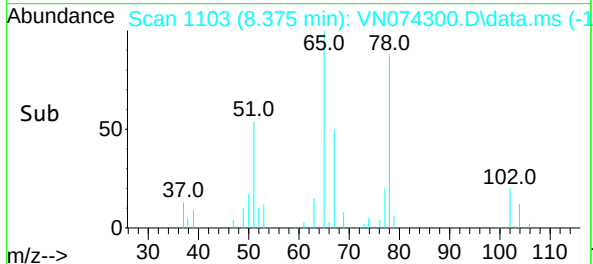
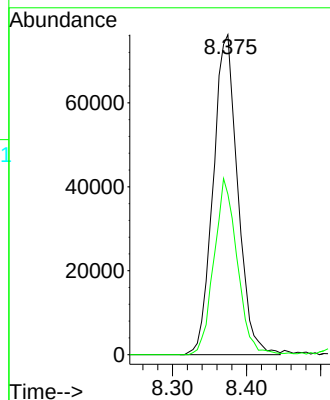
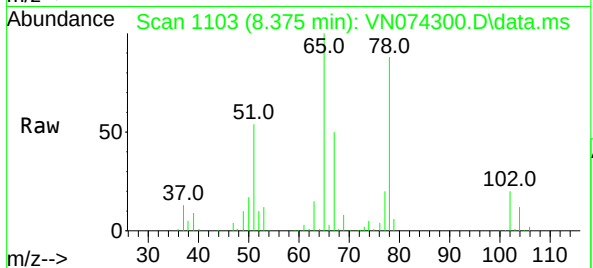
67 52.3 0.0 104.8

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: VN074300.D

Acq: 02 Sep 2022 21:23

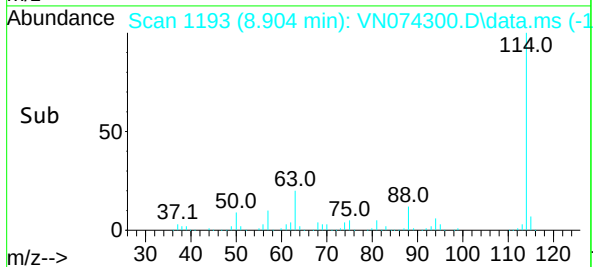
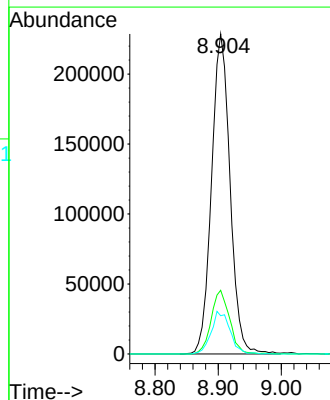
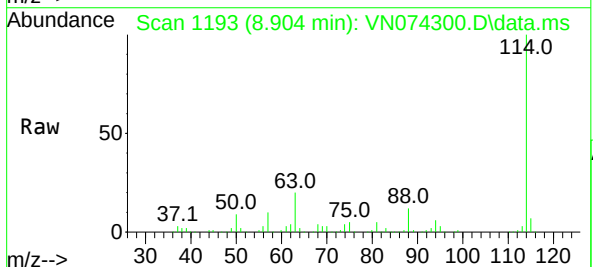
Tgt Ion:114 Resp: 465400

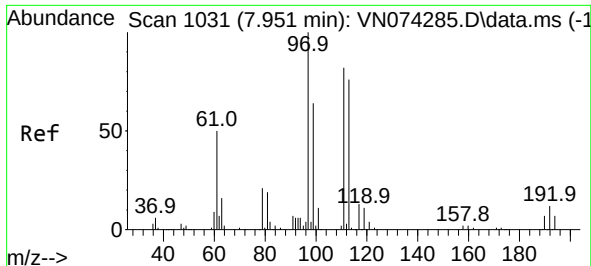
Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

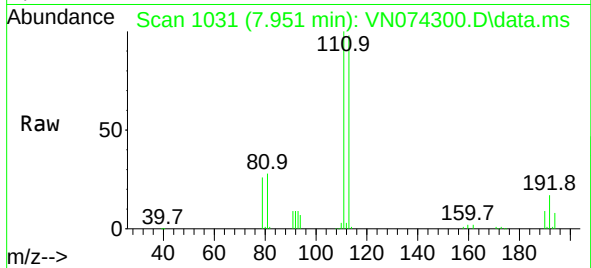
88 11.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.140 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

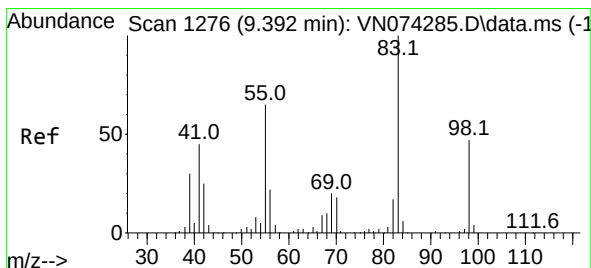
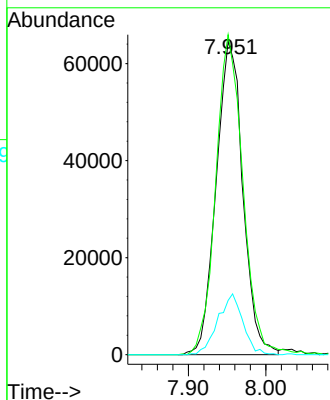
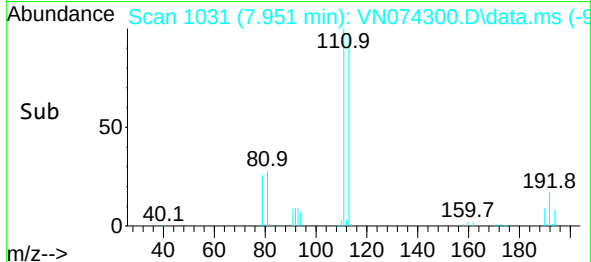
Instrument :
MSVOA_N
ClientSampleId :
MW-38DL



Tgt Ion: 113 Resp: 154629
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 18.2 17.0 25.6

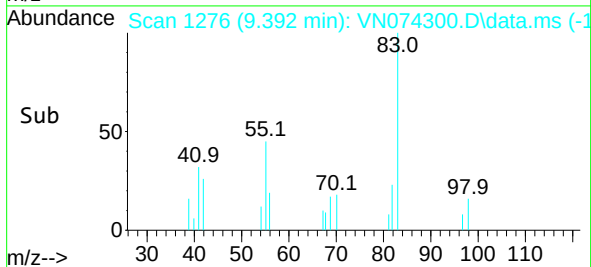
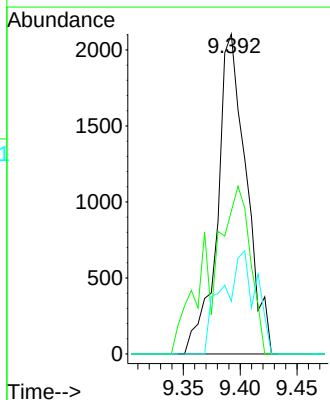
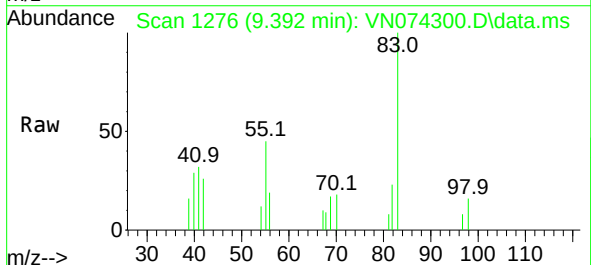
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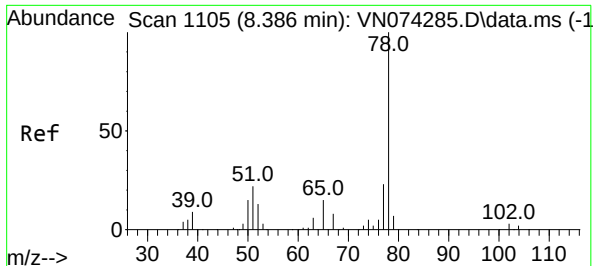
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#39
Methylcyclohexane
Concen: 0.704 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Tgt Ion: 83 Resp: 3714
Ion Ratio Lower Upper
83 100
55 44.7 57.8 86.8#
98 16.4 39.4 59.2#





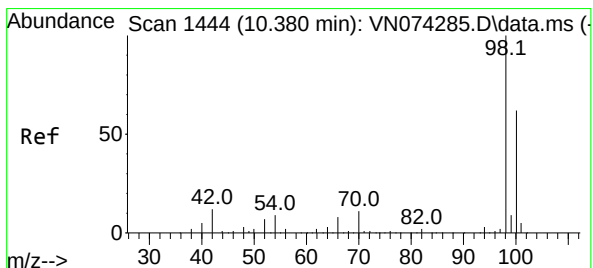
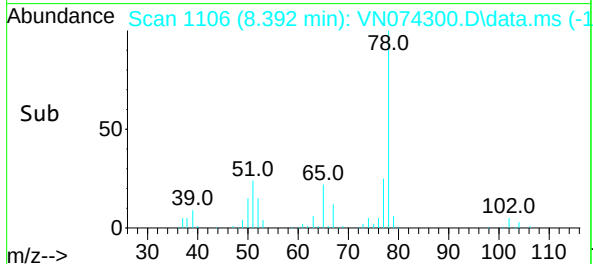
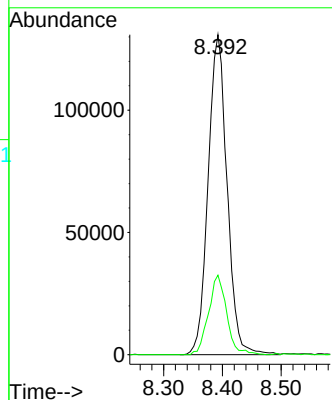
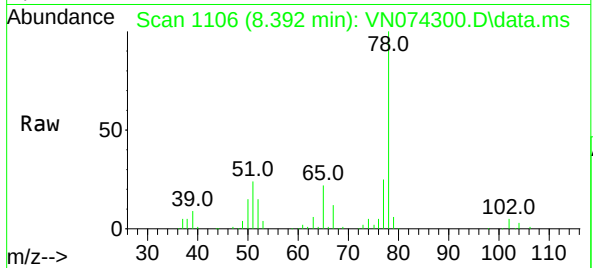
#40
Benzene
Concen: 21.240 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-38DL

Tgt Ion: 78 Resp: 29328
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0

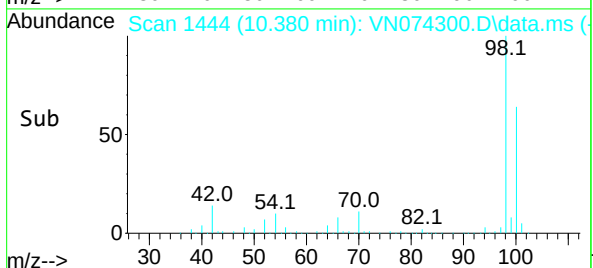
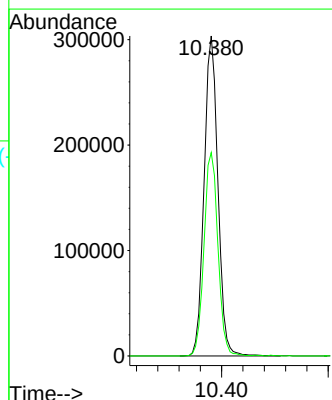
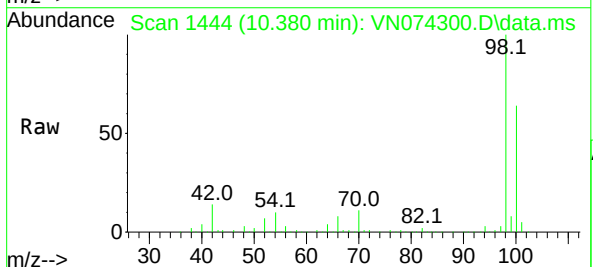
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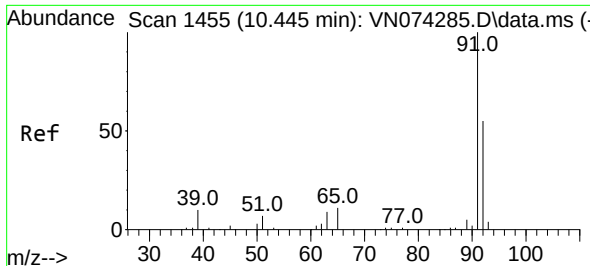
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#50
Toluene-d8
Concen: 44.794 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

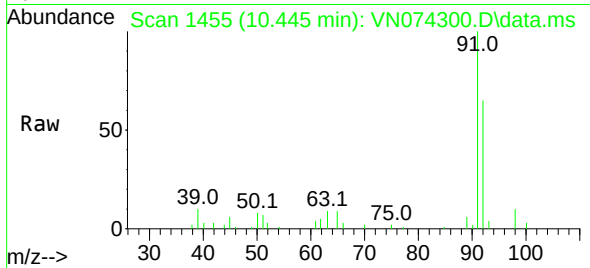
Tgt Ion: 98 Resp: 544727
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#52
Toluene
Concen: 1.648 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

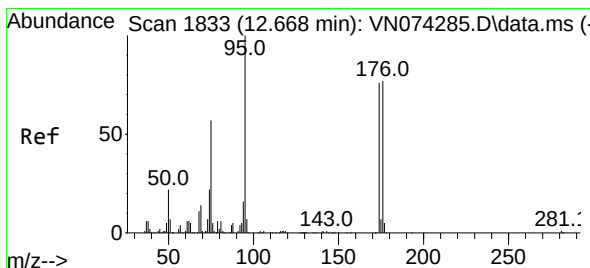
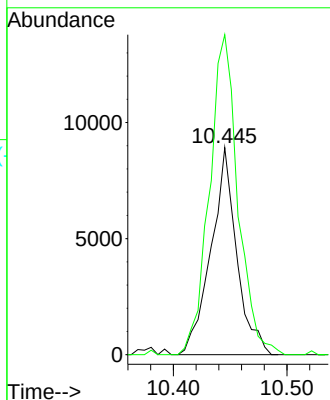
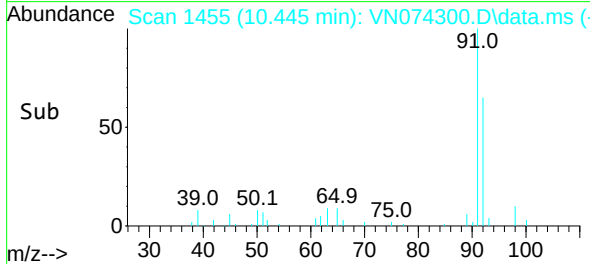
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MSVOA_N
ClientSampleId :
MW-38DL



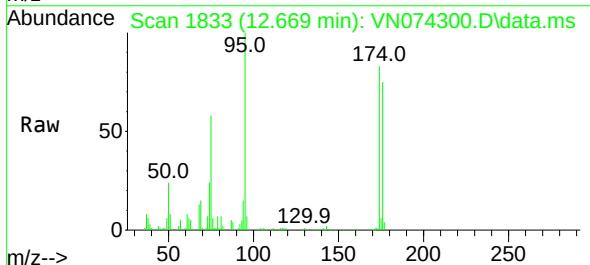
Tgt Ion: 92 Resp: 1406
Ion Ratio Lower Upper
92 100
91 171.5 138.6 207.8

Manual Integrations
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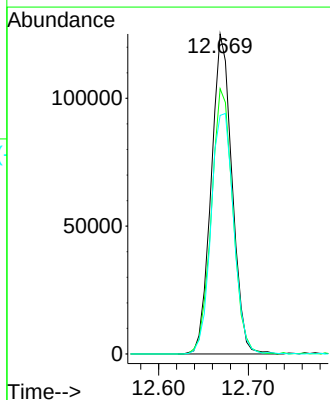
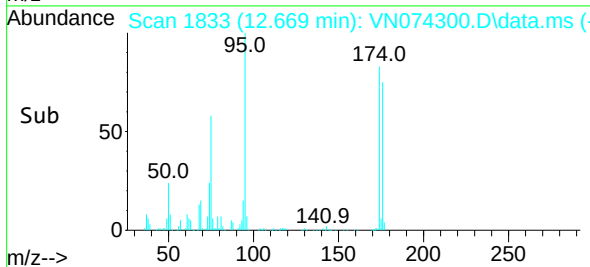
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

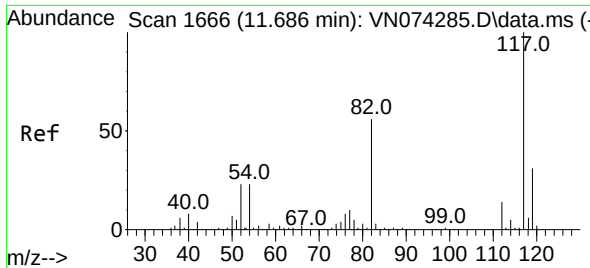


#62
4-Bromofluorobenzene
Concen: 45.631 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23



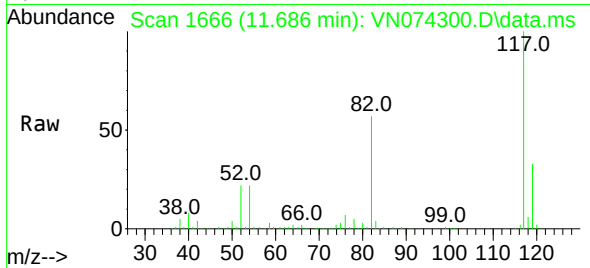
Tgt Ion: 95 Resp: 201876
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.6
176 81.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

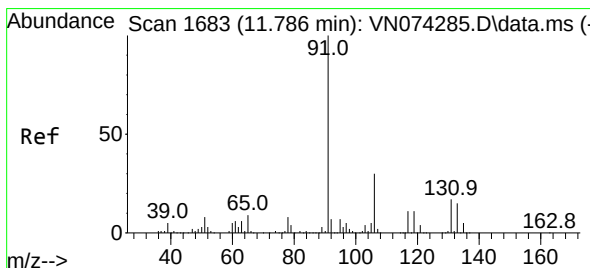
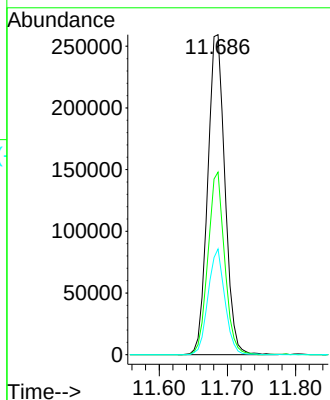
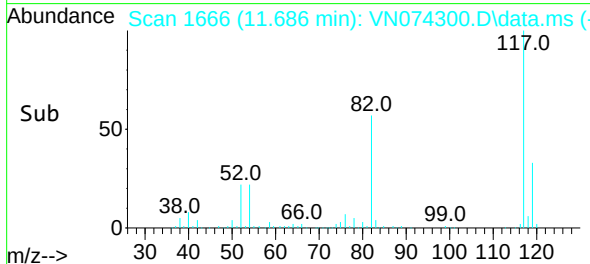
Instrument :
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MW-38DL



Tgt Ion:117 Resp: 456669
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 33.1 25.4 38.0

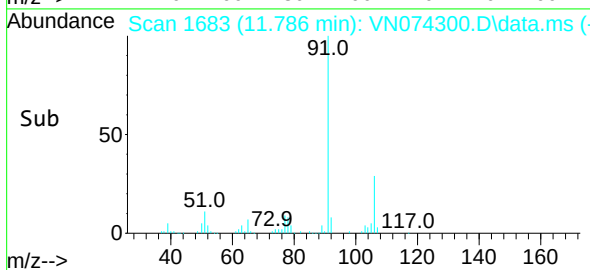
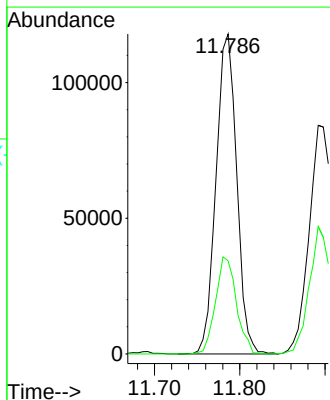
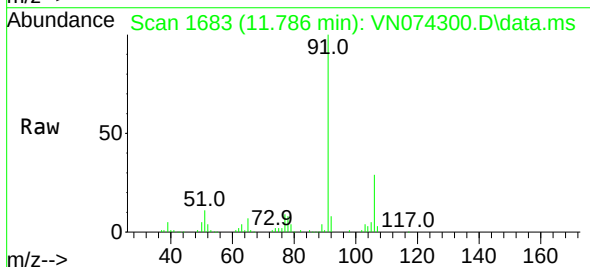
Manual Integrations
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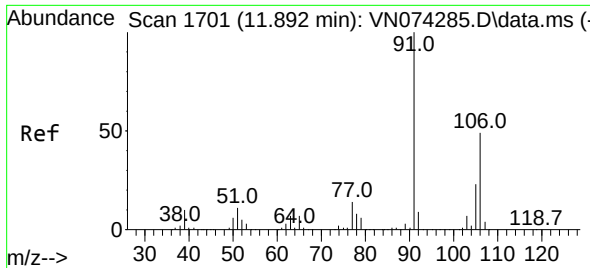
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#67
Ethyl Benzene
Concen: 10.800 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Tgt Ion: 91 Resp: 198745
Ion Ratio Lower Upper
91 100
106 29.1 24.9 37.3





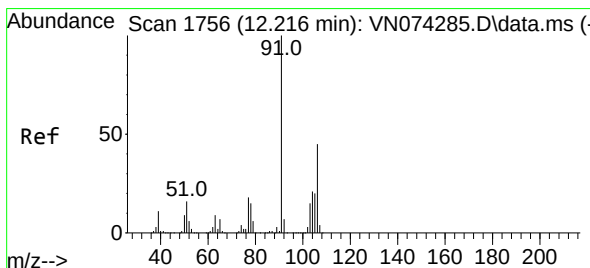
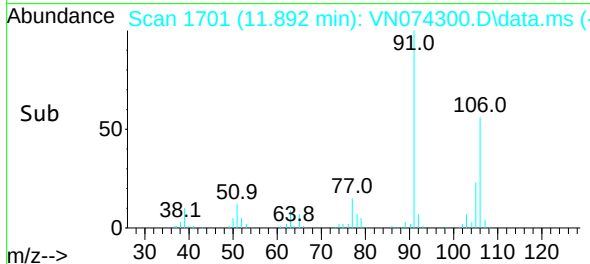
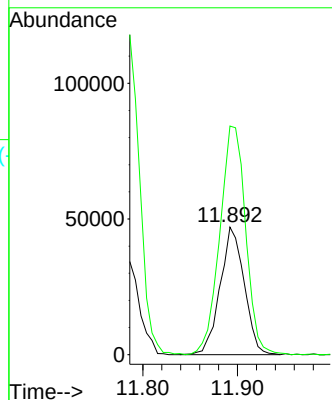
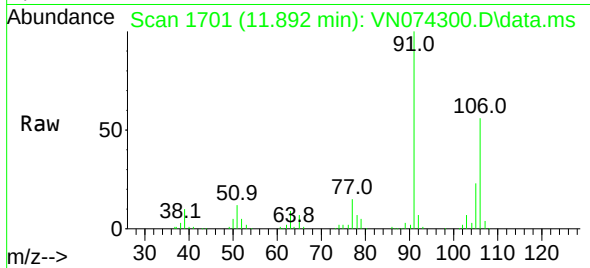
#68
m/p-Xylenes
Concen: 12.098 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-38DL

Tgt Ion:106 Resp: 8311
Ion Ratio Lower Upper
106 100
91 192.6 158.9 238.3

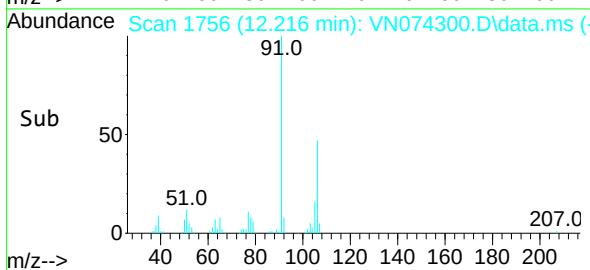
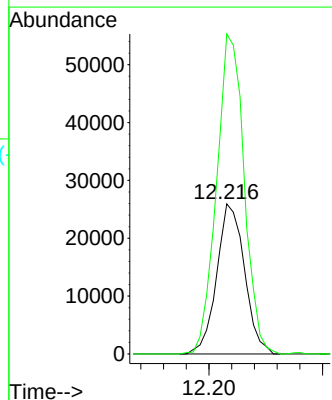
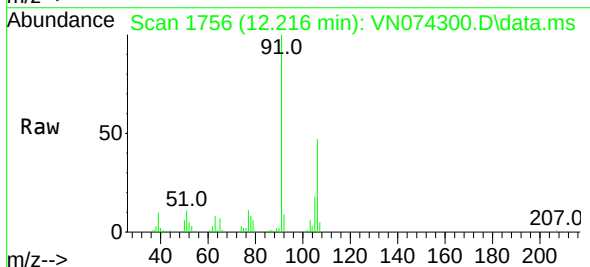
Manual Integrations
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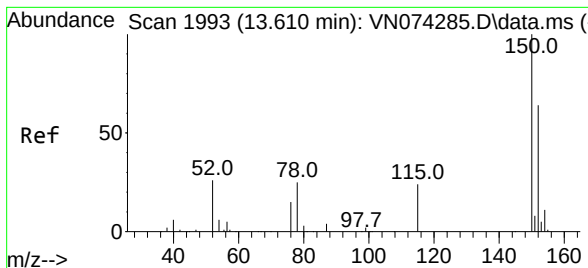
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#69
o-Xylene
Concen: 6.429 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Tgt Ion:106 Resp: 44082
Ion Ratio Lower Upper
106 100
91 211.6 106.0 318.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN074300.D

Acq: 02 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-38DL

Tgt Ion:152 Resp: 21981

Ion Ratio Lower Upper

152 100

115 61.1 28.9 86.7

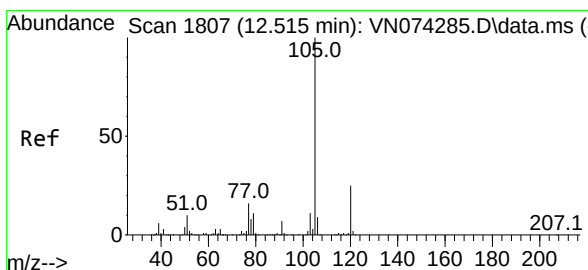
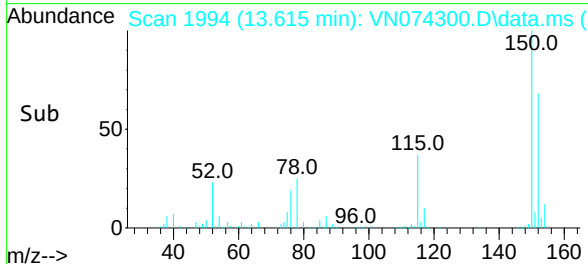
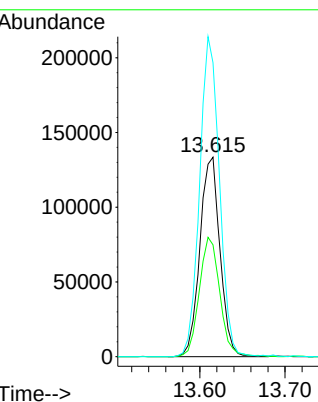
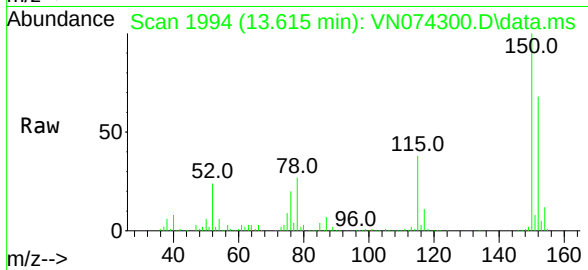
150 157.5 0.0 356.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#73

Isopropylbenzene

Concen: 0.639 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. 0.005 min

Lab File: VN074300.D

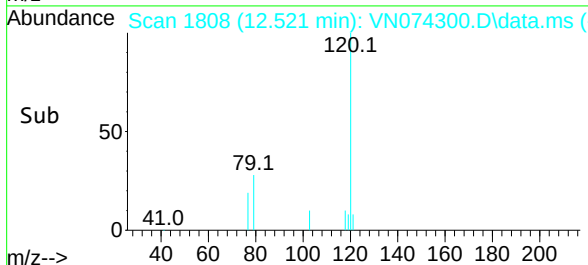
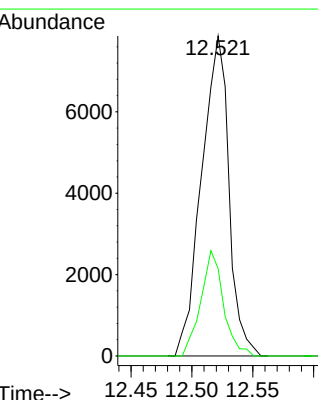
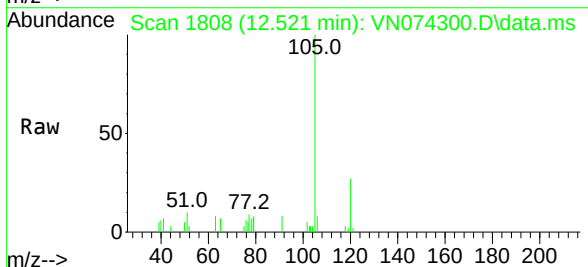
Acq: 02 Sep 2022 21:23

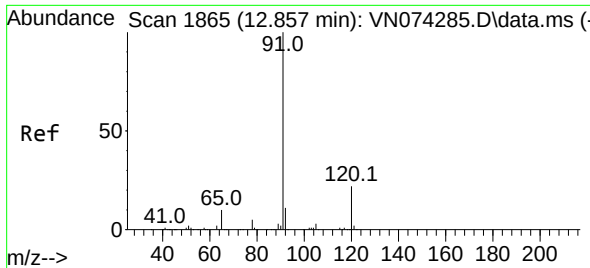
Tgt Ion:105 Resp: 12291

Ion Ratio Lower Upper

105 100

120 27.3 13.5 40.4





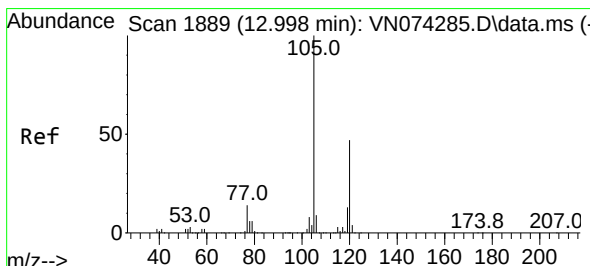
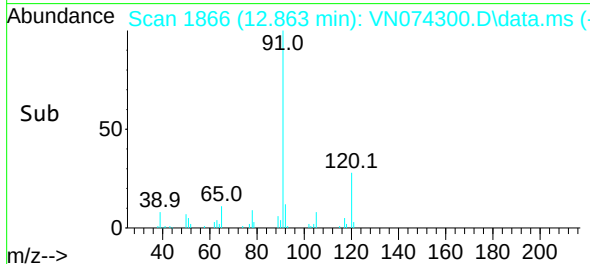
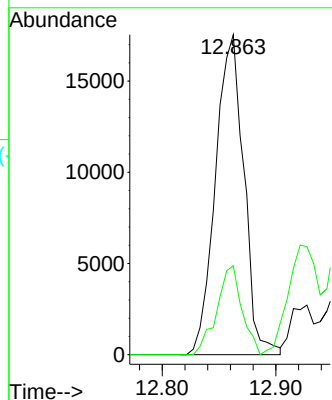
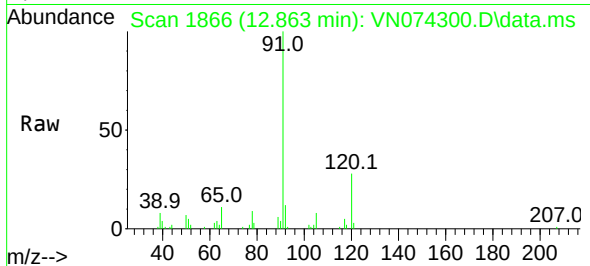
#78
n-propylbenzene
Concen: 1.384 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Instrument :
MSVOA_N
ClientSampleId :
MW-38DL

Tgt Ion: 91 Resp: 30440
Ion Ratio Lower Upper
91 100
120 24.7 11.9 35.5

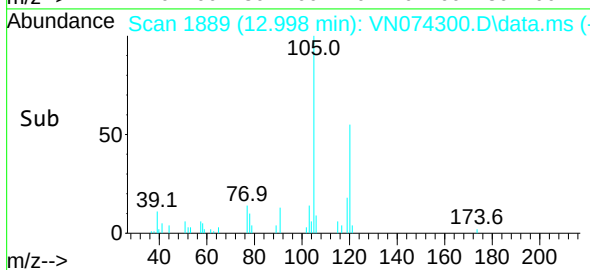
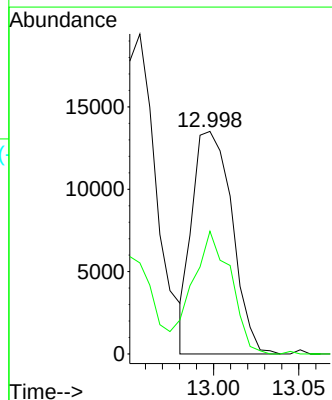
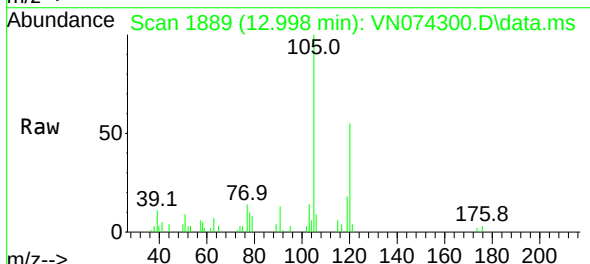
Manual Integrations
APPROVED

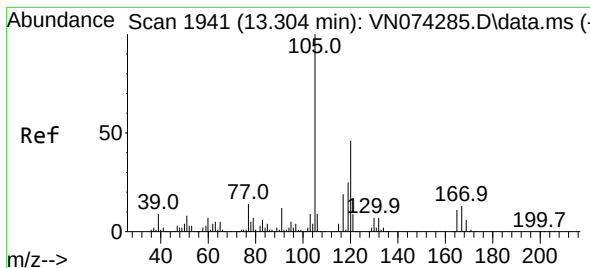
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 1.420 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN074300.D
Acq: 02 Sep 2022 21:23

Tgt Ion:105 Resp: 21911
Ion Ratio Lower Upper
105 100
120 53.2 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 7.536 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074300.D

Acq: 02 Sep 2022 21:23

Instrument :

MSVOA_N

ClientSampleId :

MW-38DL

Tgt Ion:105 Resp: 117810

Ion Ratio Lower Upper

105 100

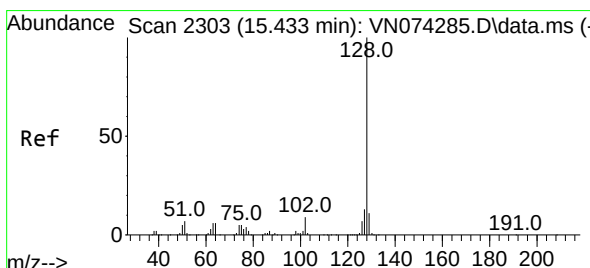
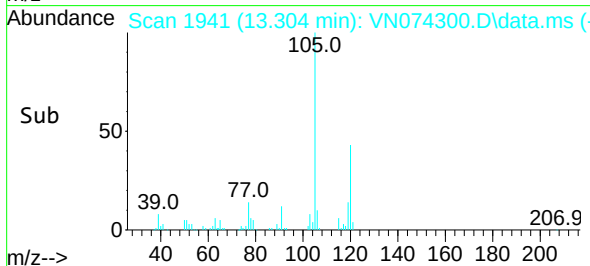
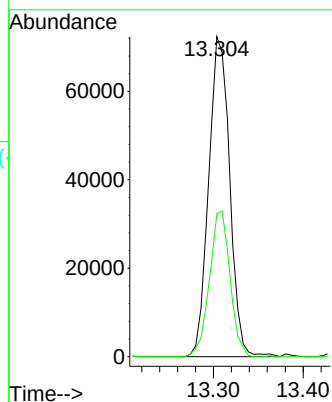
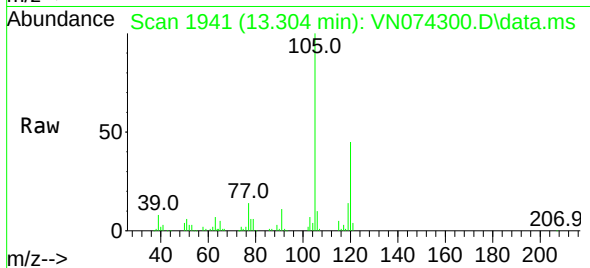
120 44.5 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022



#95

Naphthalene

Concen: 3.284 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN074300.D

Acq: 02 Sep 2022 21:23

Tgt Ion:128 Resp: 40718

Ion Ratio Lower Upper

128 100

127 15.8 10.3 15.5#

129 11.2 8.6 13.0

