

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074305.D
 Acq On : 02 Sep 2022 23:25
 Operator : JC\MD
 Sample : N4329-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Manual Integrations
 APPROVED

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

Quant Time: Sep 03 04:42:45 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	246839	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	437201	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	439375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	211464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	166263	43.210	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.420%		
35) Dibromofluoromethane	7.951	113	147465	50.901	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.800%		
50) Toluene-d8	10.380	98	520160	45.532	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.060%		
62) 4-Bromofluorobenzene	12.668	95	201462	48.297	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.600%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.275	59	18098	25.926	ug/l #	72
16) Acetone	4.222	43	13782m	8.570	ug/l	
19) Methyl tert-butyl Ether	5.539	73	217955	22.631	ug/l #	55
22) Diisopropyl ether	6.416	45	190291	20.744	ug/l	94
27) cis-1,2-Dichloroethene	7.263	96	2497m	0.705	ug/l	
31) Cyclohexane	8.022	56	45048	8.766	ug/l #	81
39) Methylcyclohexane	9.398	83	17801	3.593	ug/l	92
40) Benzene	8.386	78	92149	7.104	ug/l	92
52) Toluene	10.445	92	22703	2.832	ug/l	93
67) Ethyl Benzene	11.786	91	42823	2.419	ug/l	95
68) m/p-Xylenes	11.898	106	26997	4.085	ug/l	95
69) o-Xylene	12.216	106	2742	0.416	ug/l	95
73) Isopropylbenzene	12.515	105	23253	1.256	ug/l	95
78) n-propylbenzene	12.857	91	38715	1.829	ug/l	98
84) 1,2,4-Trimethylbenzene	13.304	105	4630	0.308	ug/l	94

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

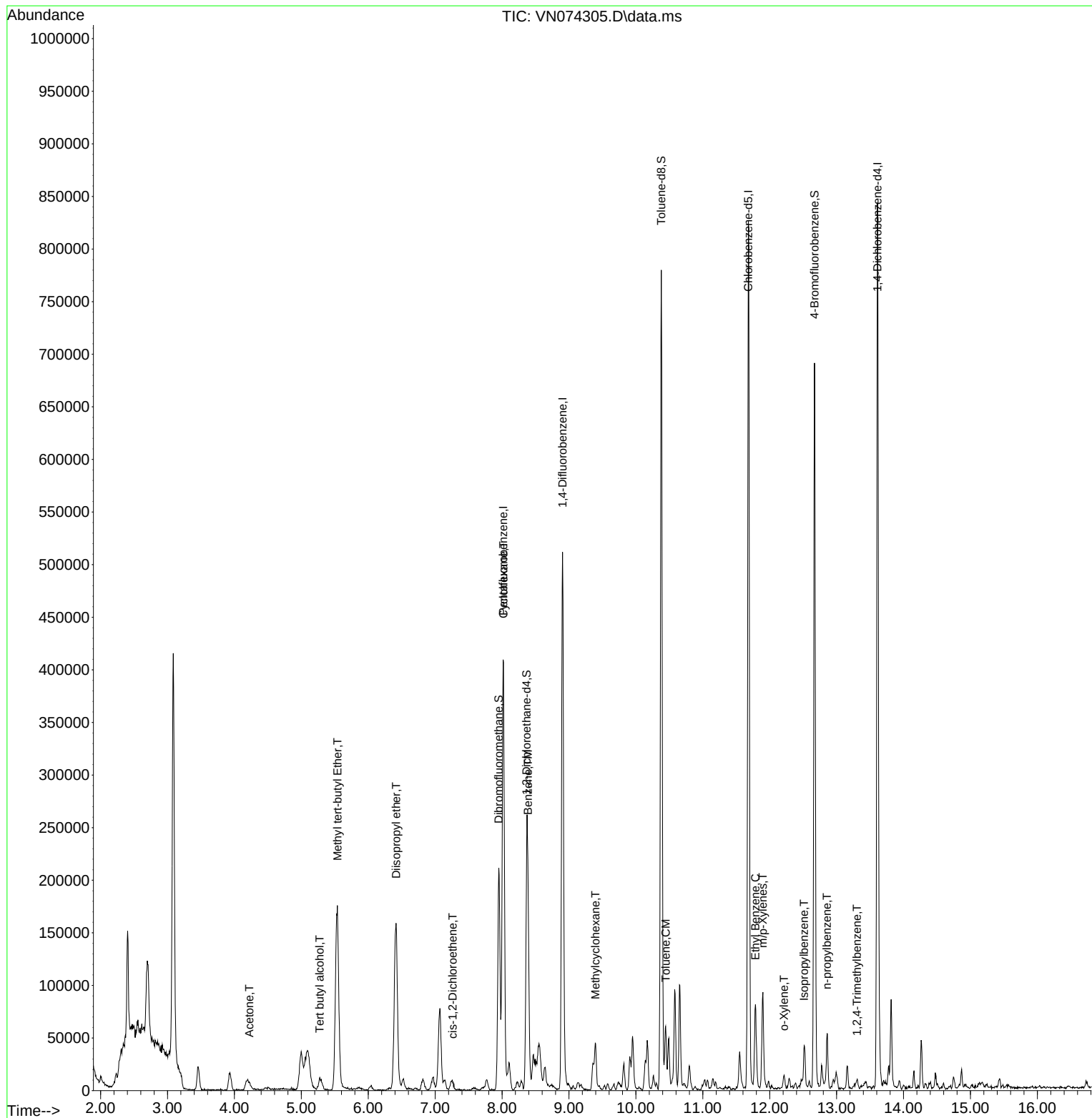
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
Data File : VN074305.D
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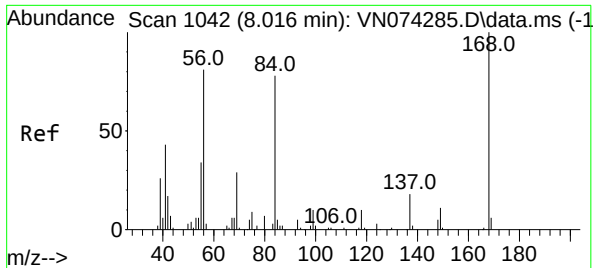
Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Time: Sep 03 04:42:45 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

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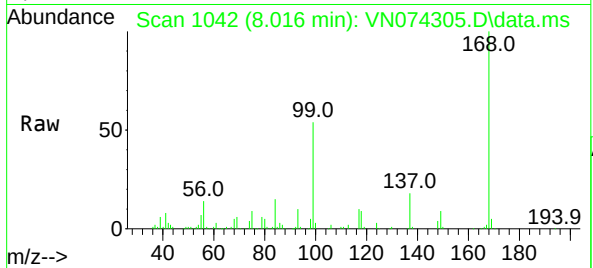
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

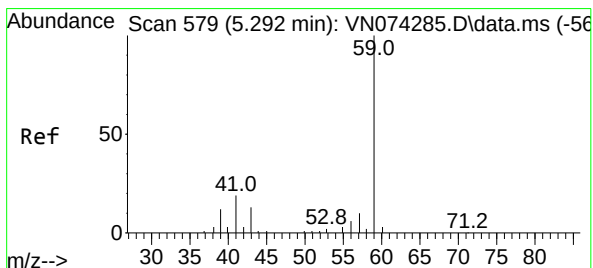
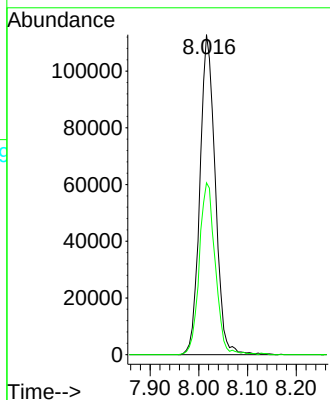
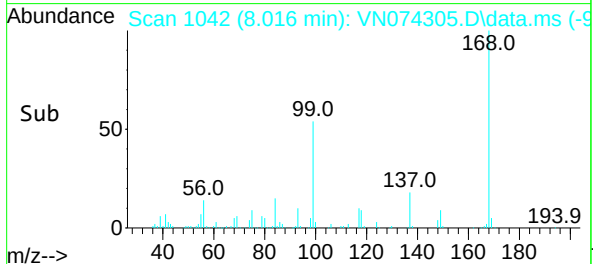
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 246839
Ion Ratio Lower Upper
168 100
99 53.7 42.3 63.5

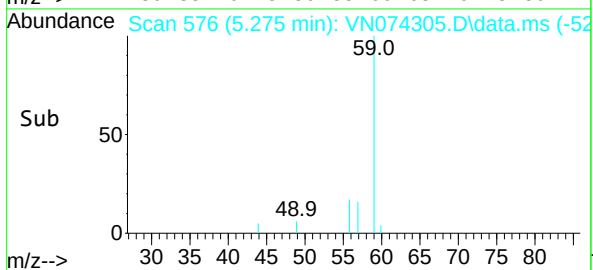
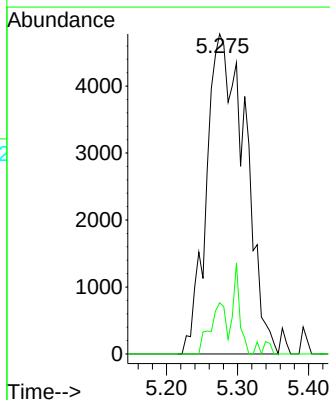
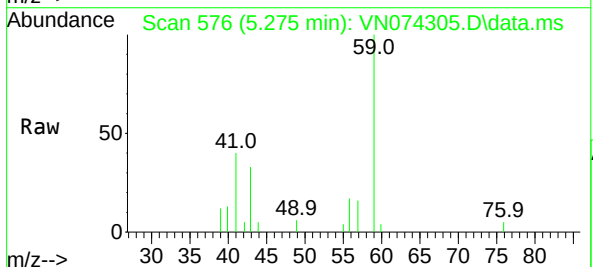
Manual Integrations
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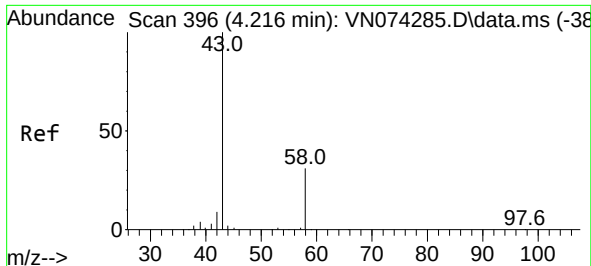
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#11
Tert butyl alcohol
Concen: 25.926 ug/l
RT: 5.275 min Scan# 576
Delta R.T. -0.012 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

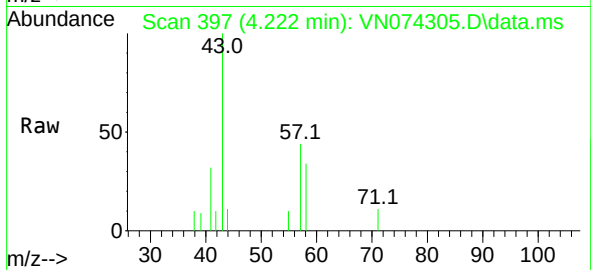
Tgt Ion: 59 Resp: 18098
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 8.570 ug/l m
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

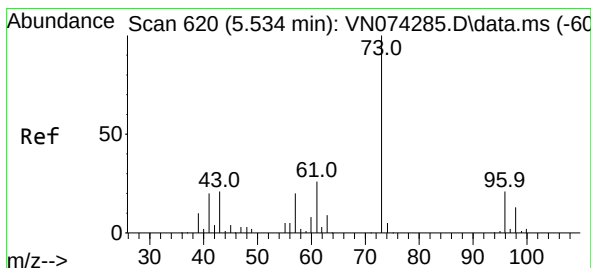
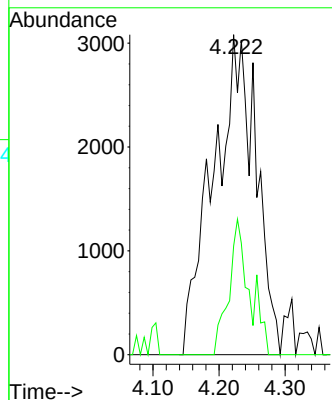
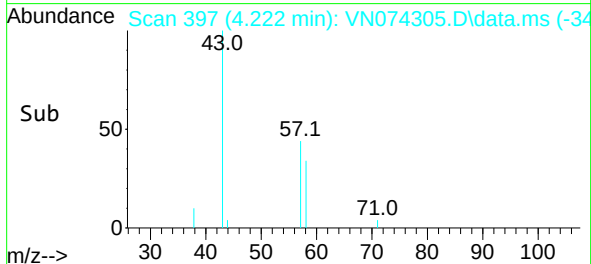
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 43 Resp: 13782
Ion Ratio Lower Upper
43 100
58 34.0 26.0 39.0

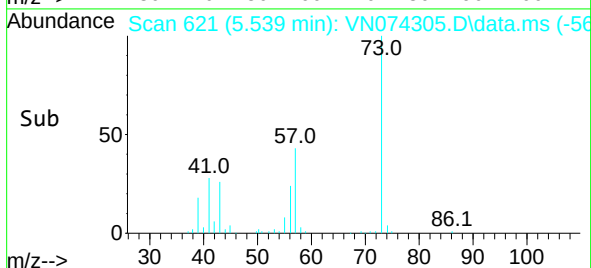
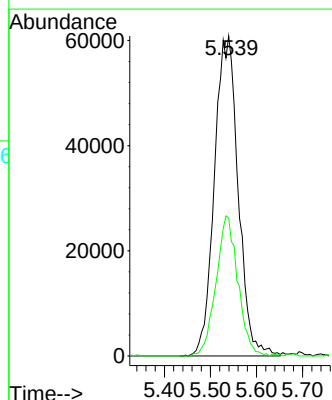
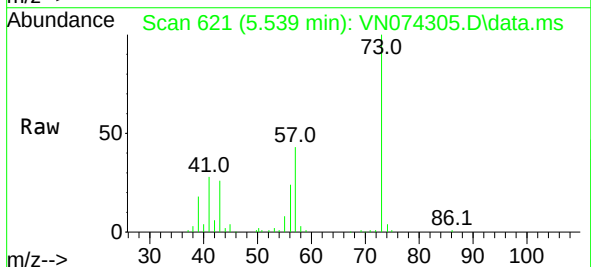
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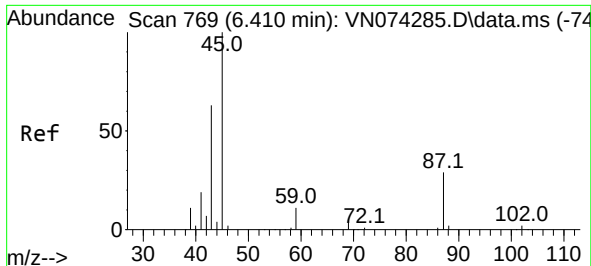
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#19
Methyl tert-butyl Ether
Concen: 22.631 ug/l
RT: 5.539 min Scan# 621
Delta R.T. 0.005 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

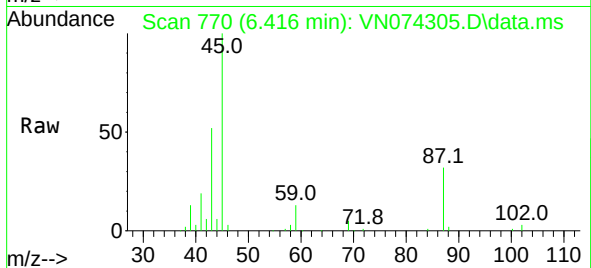
Tgt Ion: 73 Resp: 217955
Ion Ratio Lower Upper
73 100
57 43.2 17.6 26.4#





#22
Diisopropyl ether
Concen: 20.744 ug/l
RT: 6.416 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

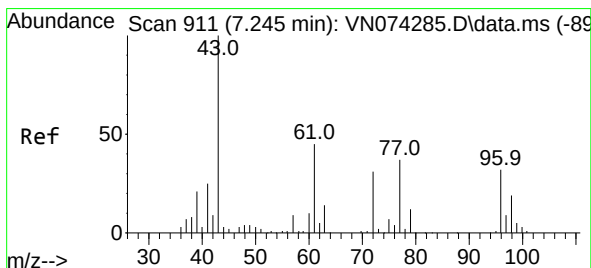
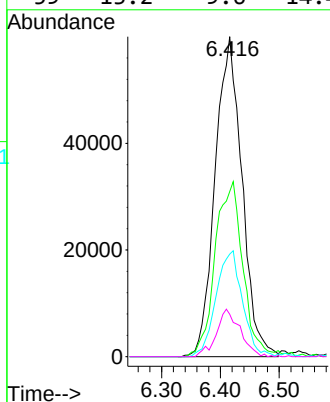
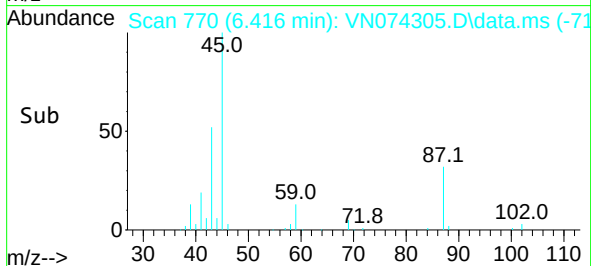
Instrument :
MSVOA_N
ClientSampleId :
MW-14



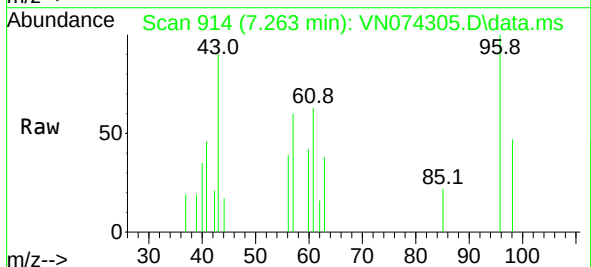
Tgt Ion: 45 Resp: 19029
Ion Ratio Lower Upper
45 100
43 51.6 46.6 70.0
87 32.1 24.3 36.5
59 13.2 9.6 14.4

Manual Integrations
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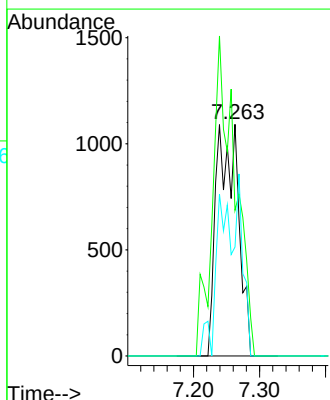
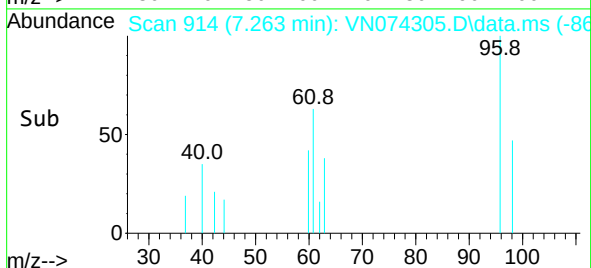
Reviewed By :John Carlone 09/03/2022
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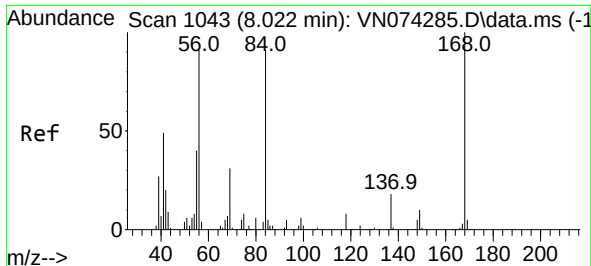


#27
cis-1,2-Dichloroethene
Concen: 0.705 ug/l m
RT: 7.263 min Scan# 914
Delta R.T. 0.018 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25



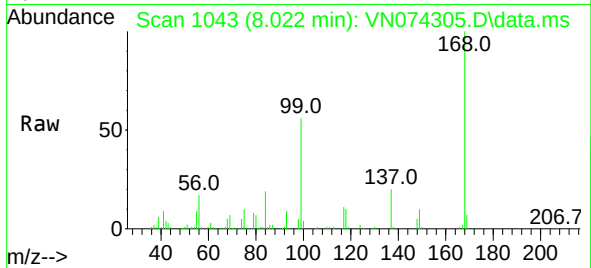
Tgt Ion: 96 Resp: 2497
Ion Ratio Lower Upper
96 100
61 143.7 0.0 280.6
98 46.4 0.0 128.4





#31
Cyclohexane
Concen: 8.766 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

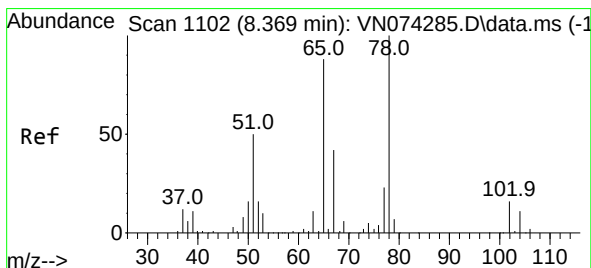
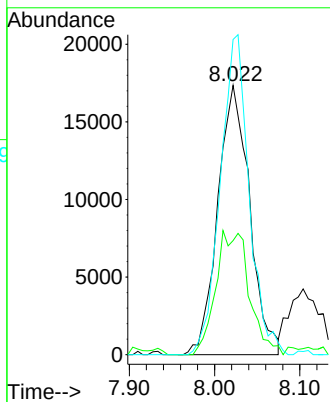
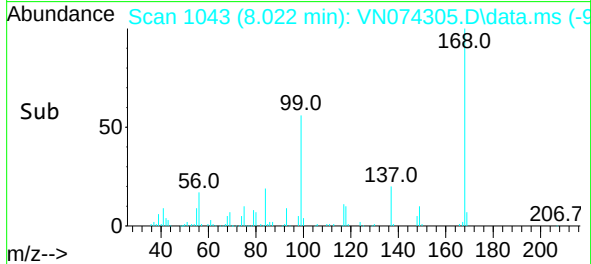
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 56 Resp: 45048
Ion Ratio Lower Upper
56 100
69 42.4 27.8 41.8
84 117.1 76.9 115.3

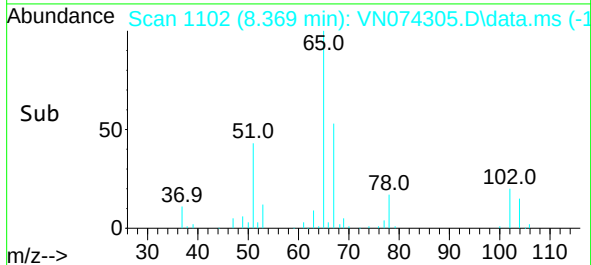
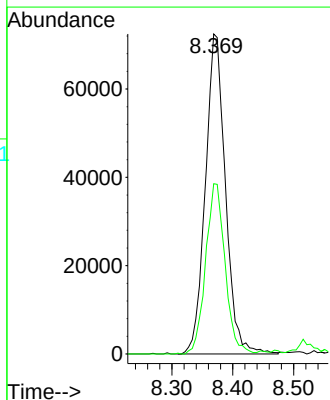
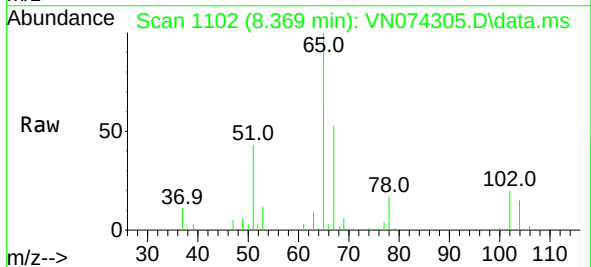
Manual Integrations
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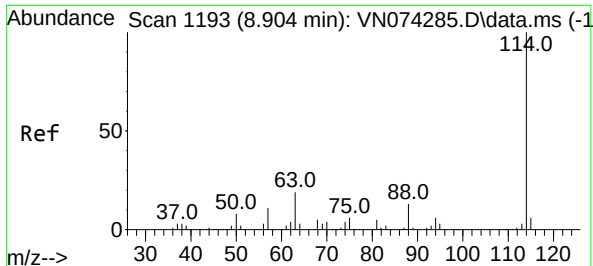
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#33
1,2-Dichloroethane-d4
Concen: 43.210 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

Tgt Ion: 65 Resp: 166263
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN074305.D

Acq: 02 Sep 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

MW-14

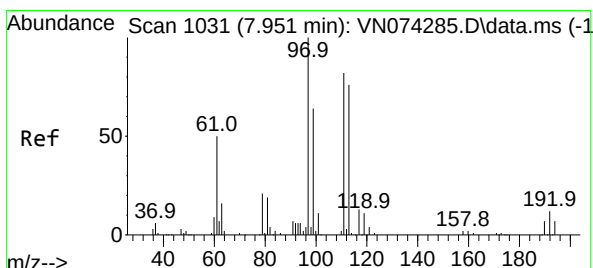
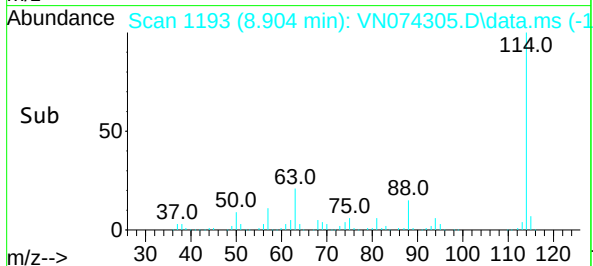
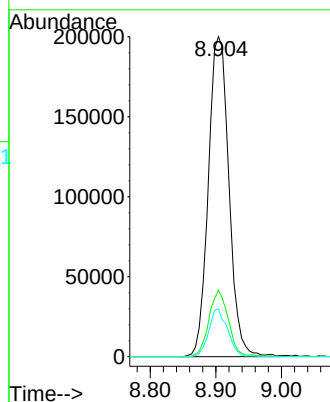
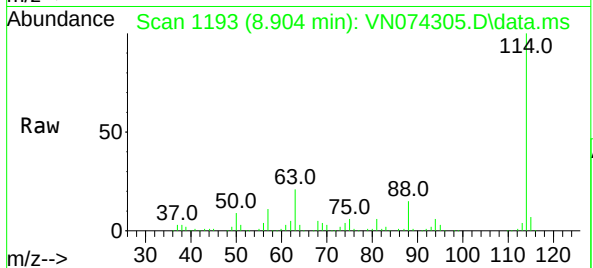
Tgt Ion:114	Resp:	43720
Ion Ratio	Lower	Upper
114	100	
63	20.8	0.0 40.0
88	14.9	0.0 32.6

Manual Integrations

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Supervised By :Mahesh Dadoda 09/06/2022



#35

Dibromofluoromethane

Concen: 50.901 ug/l

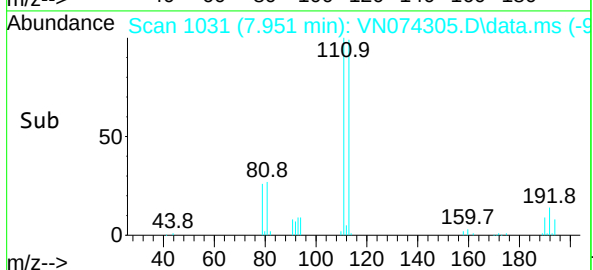
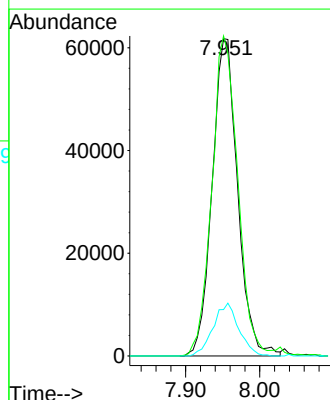
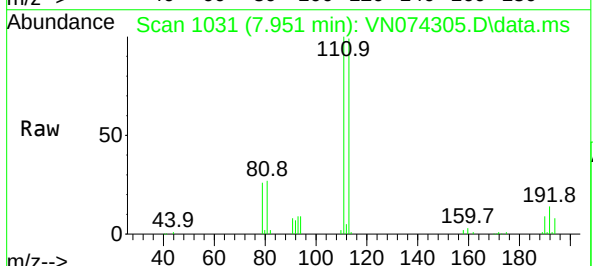
RT: 7.951 min Scan# 1031

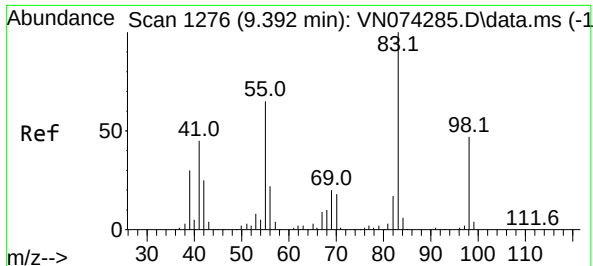
Delta R.T. 0.000 min

Lab File: VN074305.D

Acq: 02 Sep 2022 23:25

Tgt Ion:113	Resp:	147465
Ion Ratio	Lower	Upper
113	100	
111	102.2	81.4 122.0
192	16.8	17.0 25.6





#39

Methylcyclohexane

Concen: 3.593 ug/l

RT: 9.398 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VN074305.D

Acq: 02 Sep 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

MW-14

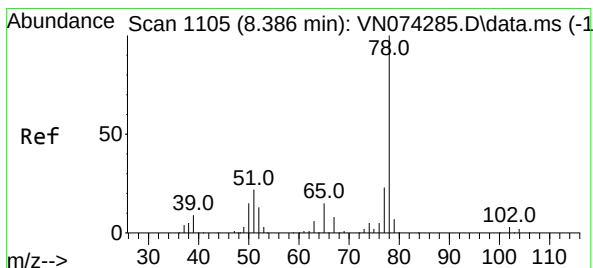
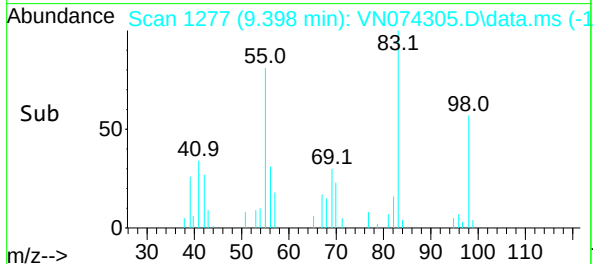
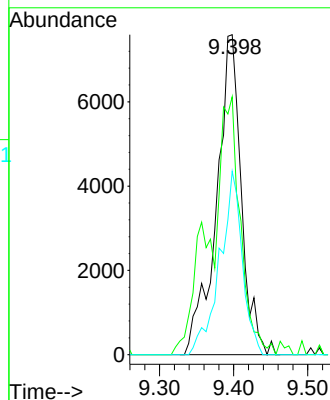
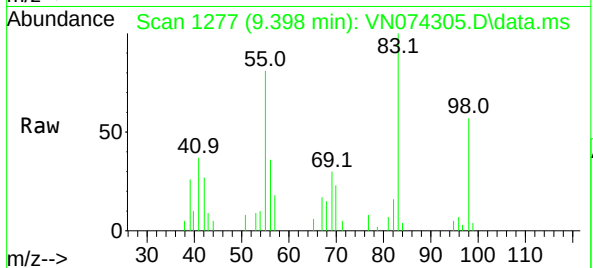
Tgt Ion: 83	Resp: 1780
Ion Ratio	Lower Upper
83 100	
55 76.4	57.8 86.8
98 57.3	39.4 59.2

Manual Integrations

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Supervised By :Mahesh Dadoda 09/06/2022



#40

Benzene

Concen: 7.104 ug/l

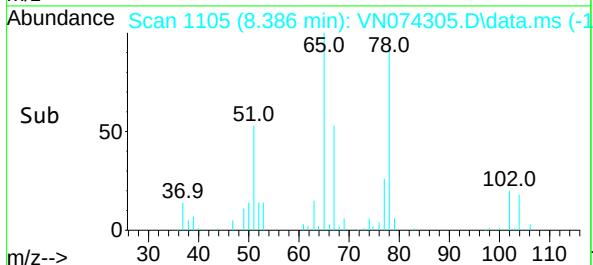
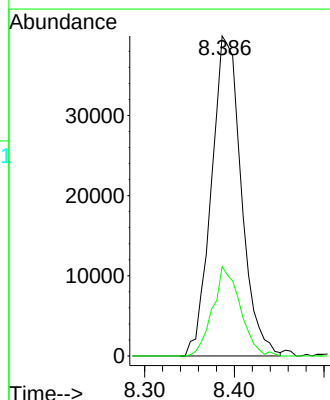
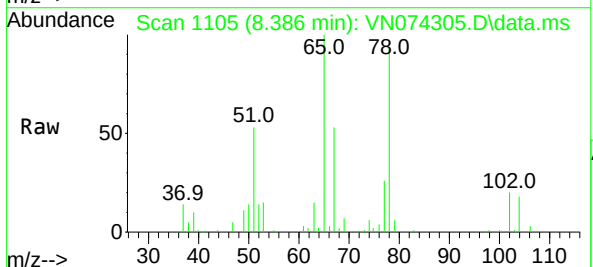
RT: 8.386 min Scan# 1105

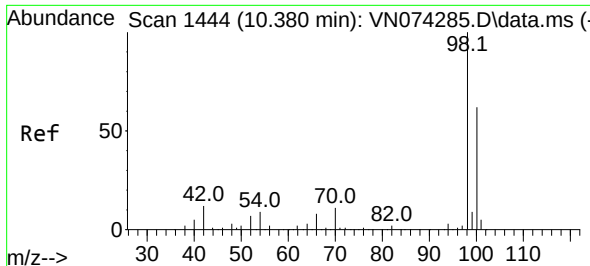
Delta R.T. -0.006 min

Lab File: VN074305.D

Acq: 02 Sep 2022 23:25

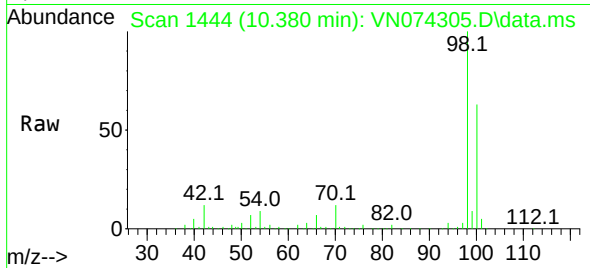
Tgt Ion: 78	Resp: 92149
Ion Ratio	Lower Upper
78 100	
77 27.9	19.4 29.0





#50
Toluene-d8
Concen: 45.532 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

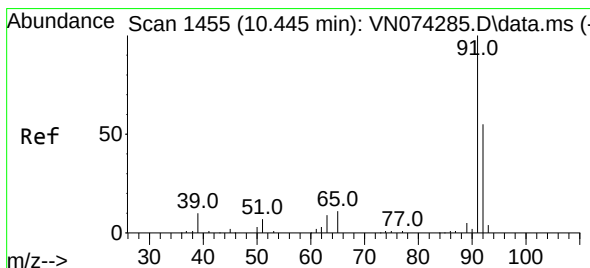
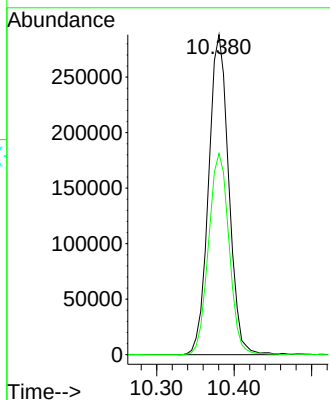
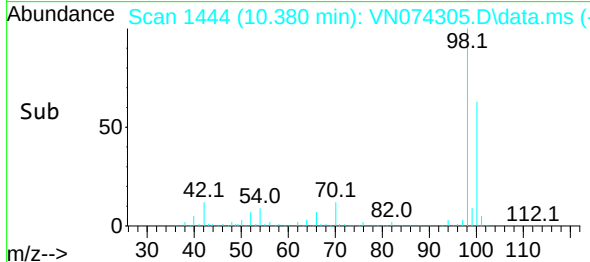
Instrument :
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ClientSampleId :
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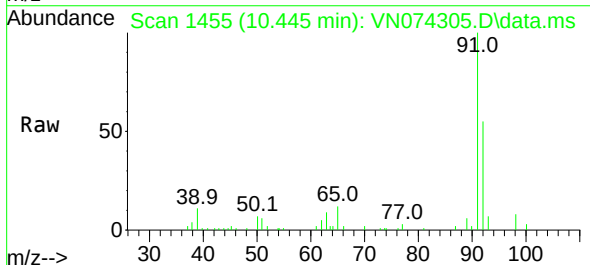
Tgt Ion: 98 Resp: 520160
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

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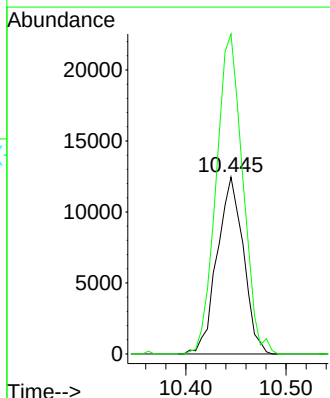
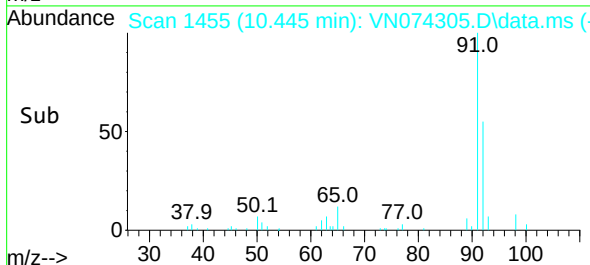
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

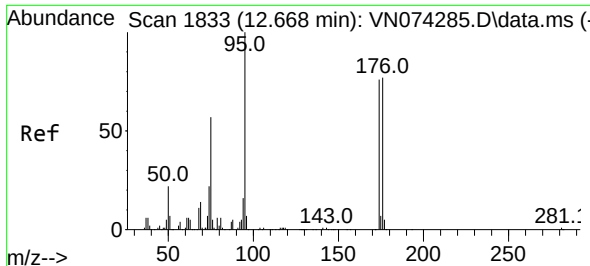


#52
Toluene
Concen: 2.832 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25



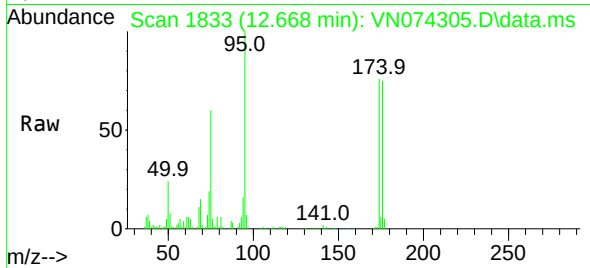
Tgt Ion: 92 Resp: 22703
Ion Ratio Lower Upper
92 100
91 183.1 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

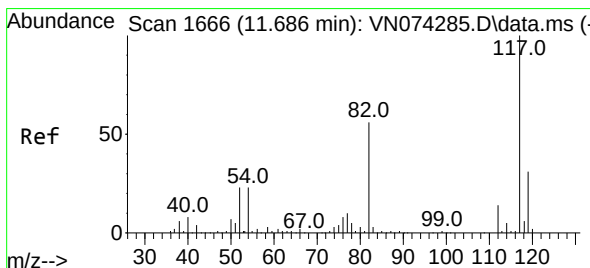
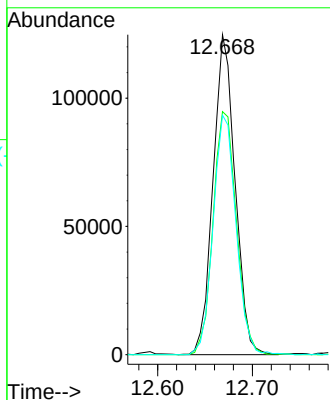
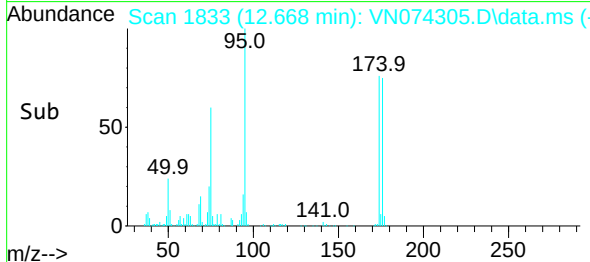
Instrument :
MSVOA_N
ClientSampleId :
MW-14



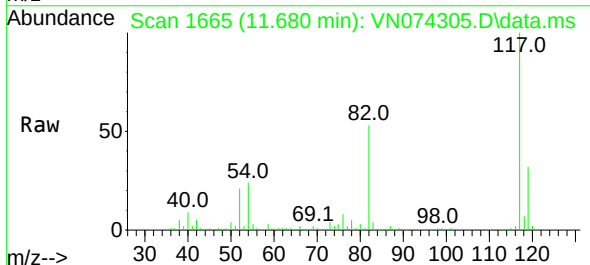
Tgt Ion: 95 Resp: 201462
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 77.9 0.0 163.4

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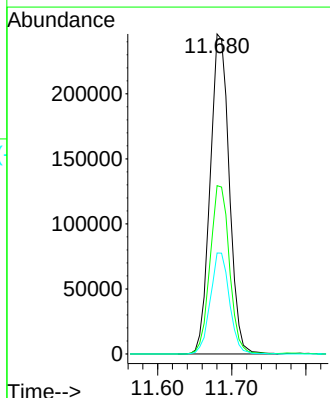
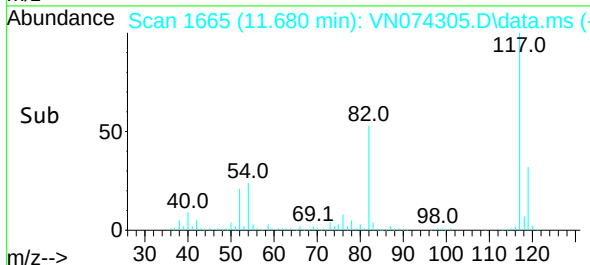
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

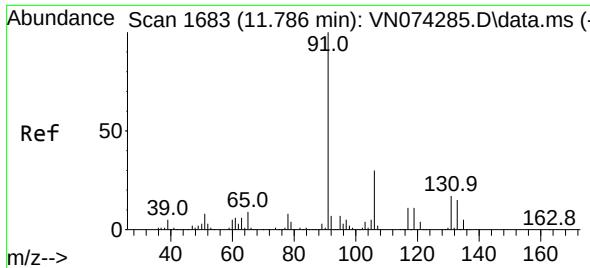


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25



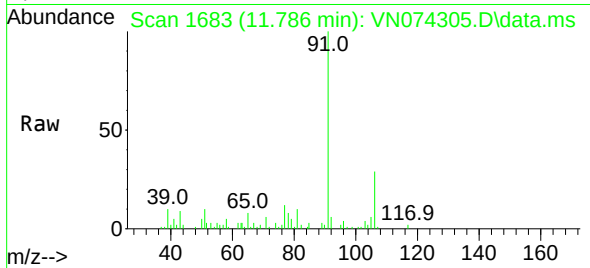
Tgt Ion:117 Resp: 439375
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 31.6 25.4 38.0





#67
Ethyl Benzene
Concen: 2.419 ug/l
RT: 11.786 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

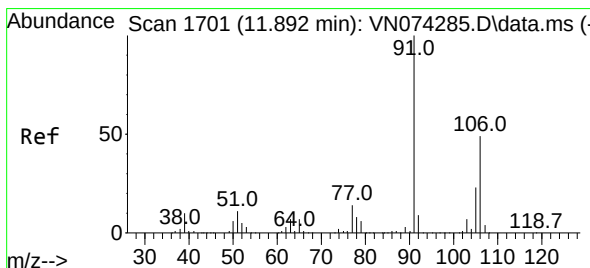
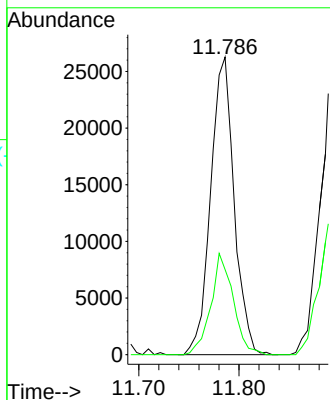
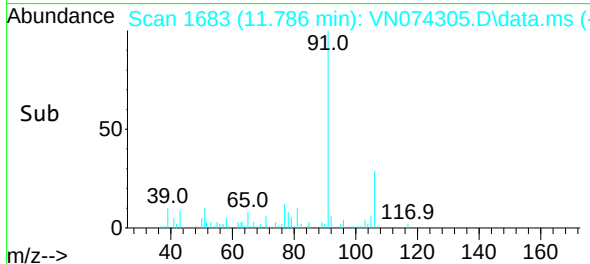
Instrument :
MSVOA_N
ClientSampleId :
MW-14



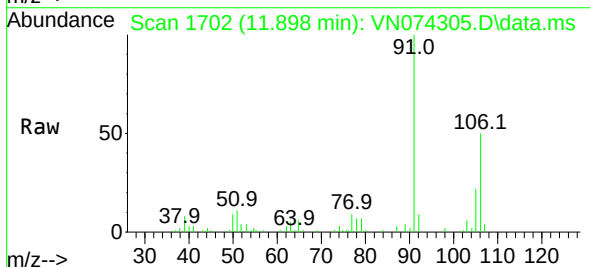
Tgt Ion: 91 Resp: 4282
Ion Ratio Lower Upper
91 100
106 28.6 24.9 37.3

Manual Integrations
APPROVED

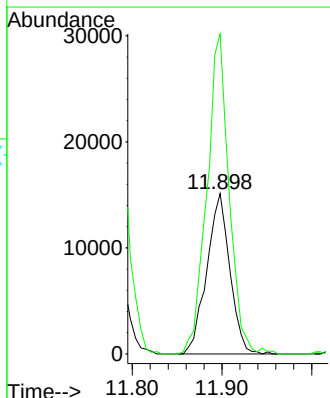
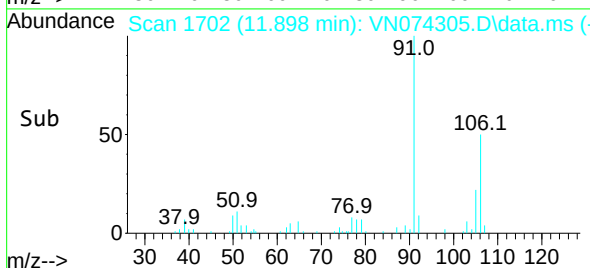
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

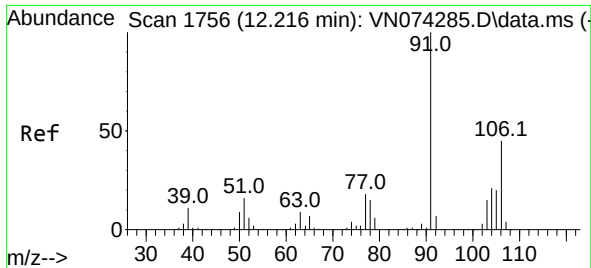


#68
m/p-Xylenes
Concen: 4.085 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25



Tgt Ion:106 Resp: 26997
Ion Ratio Lower Upper
106 100
91 191.2 158.9 238.3





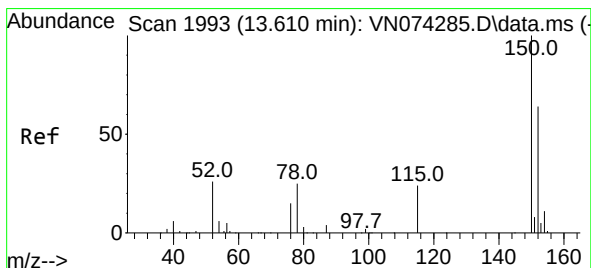
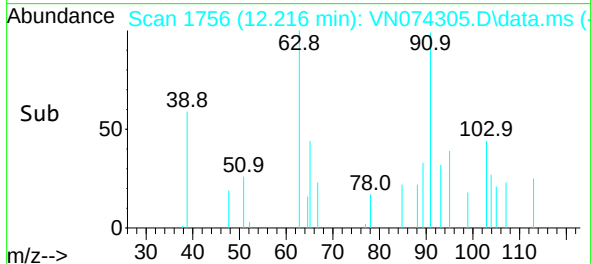
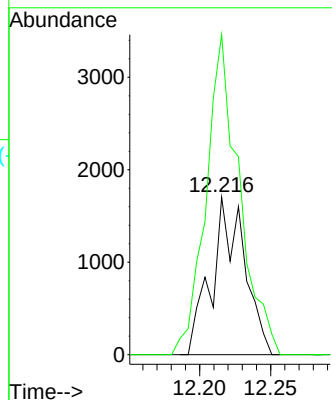
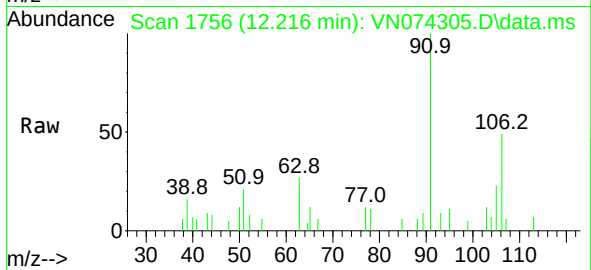
#69
o-Xylene
Concen: 0.416 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.005 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:106 Resp: 274
Ion Ratio Lower Upper
106 100
91 204.8 106.0 318.0

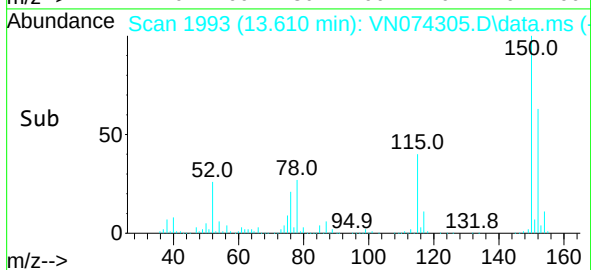
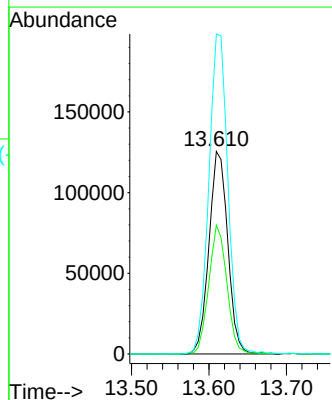
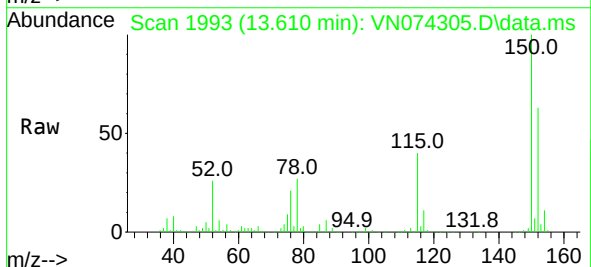
Manual Integrations
APPROVED

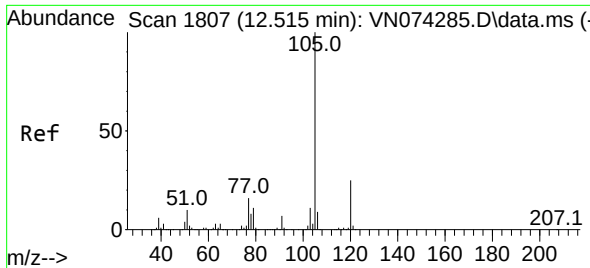
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

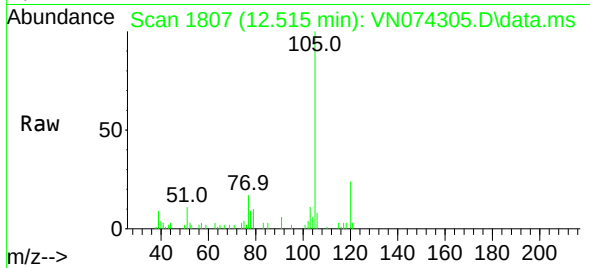
Tgt Ion:152 Resp: 211464
Ion Ratio Lower Upper
152 100
115 61.3 28.9 86.7
150 159.8 0.0 356.2





#73
Isopropylbenzene
Concen: 1.256 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25

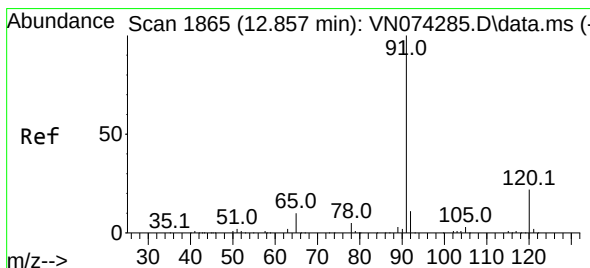
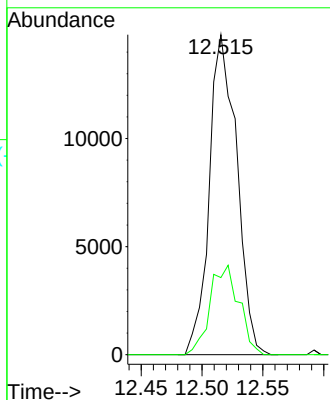
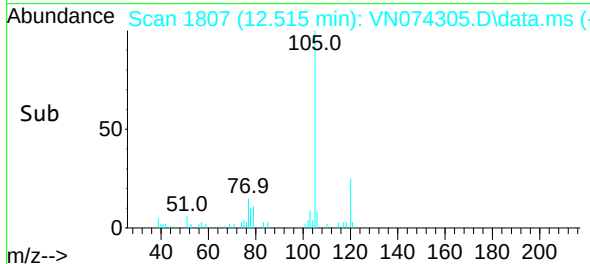
Instrument :
MSVOA_N
ClientSampleId :
MW-14



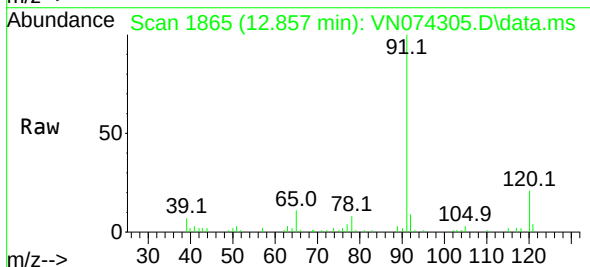
Tgt Ion:105 Resp: 2325
Ion Ratio Lower Upper
105 100
120 29.4 13.5 40.4

Manual Integrations
APPROVED

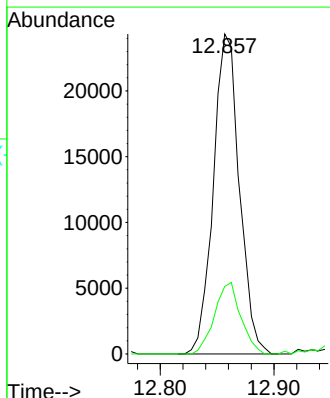
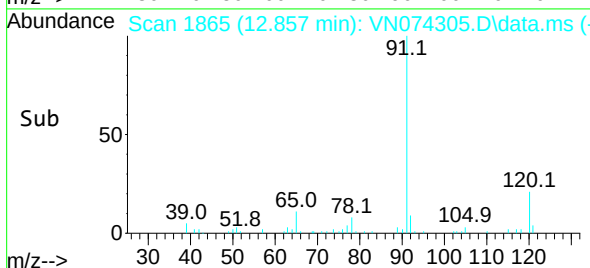
Reviewed By :John Carlone 09/03/2022
Supervised By :Mahesh Dadoda 09/06/2022

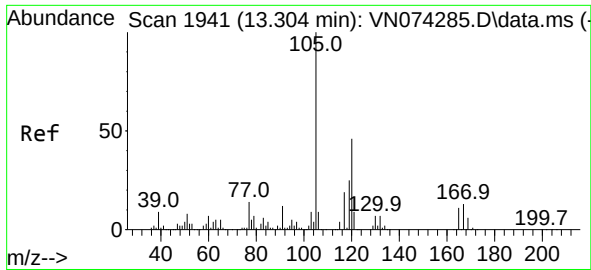


#78
n-propylbenzene
Concen: 1.829 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VN074305.D
Acq: 02 Sep 2022 23:25



Tgt Ion: 91 Resp: 38715
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5





#84

1,2,4-Trimethylbenzene

Concen: 0.308 ug/l

RT: 13.304 min Scan# 1941

Delta R.T. -0.006 min

Lab File: VN074305.D

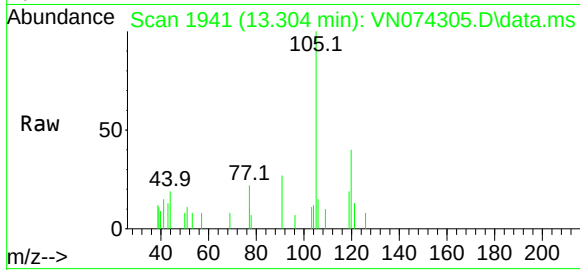
Acq: 02 Sep 2022 23:25

Instrument :

MSVOA_N

ClientSampleId :

MW-14



Tgt Ion:105 Resp: 4630

Ion Ratio Lower Upper

105 100

120 42.6 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/03/2022

Supervised By :Mahesh Dadoda 09/06/2022

