

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072968.D
 Acq On : 20 Jun 2022 17:54
 Operator : JC\MD
 Sample : N3370-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-09

Quant Time: Jun 21 05:56:31 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	327780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	534500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	467093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	217848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	192119	43.353	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.700%		
35) Dibromofluoromethane	7.951	113	165480	50.089	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.180%		
50) Toluene-d8	10.375	98	548369	44.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.220%		
62) 4-Bromofluorobenzene	12.663	95	227914	51.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.120%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.298	59	72309	63.168	ug/l	99
19) Methyl tert-butyl Ether	5.546	73	61332	5.204	ug/l #	67
22) Diisopropyl ether	6.422	45	9254	0.740	ug/l #	85
39) Methylcyclohexane	9.357	83	6970m	1.294	ug/l	
67) Ethyl Benzene	11.780	91	4113	0.256	ug/l	100
68) m/p-Xylenes	11.886	106	1858	0.295	ug/l	81
84) 1,2,4-Trimethylbenzene	13.298	105	6084	0.441	ug/l	87
95) Naphthalene	15.427	128	11049	0.657	ug/l #	93

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

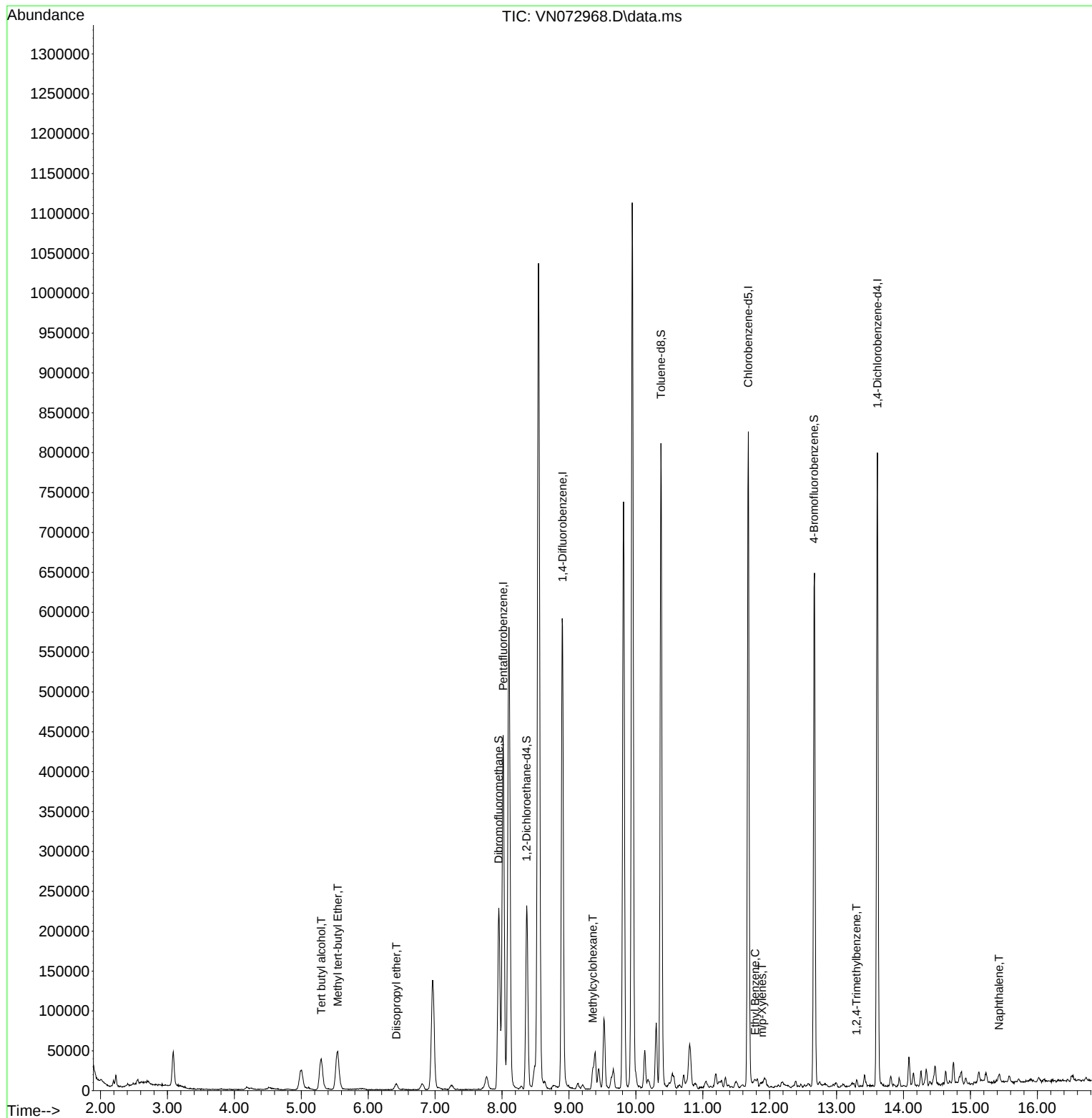
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
Data File : VN072968.D
Acq On : 20 Jun 2022 17:54
Operator : JC\MD
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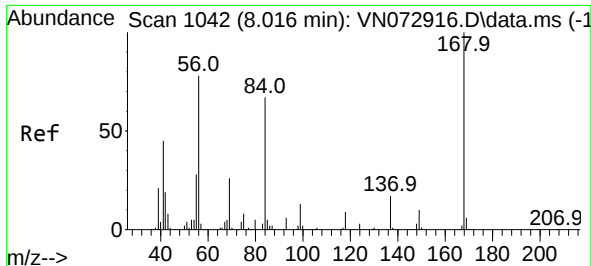
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Quant Time: Jun 21 05:56:31 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

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APPROVED

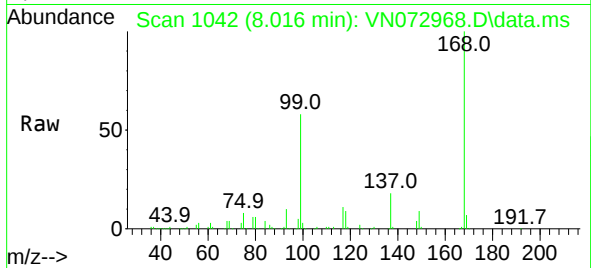
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

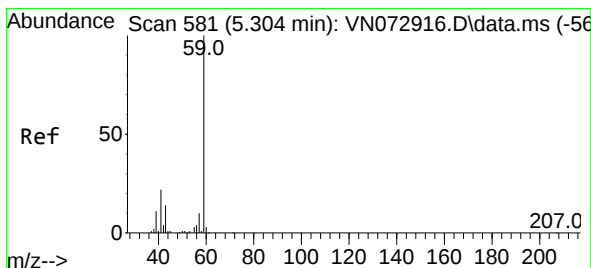
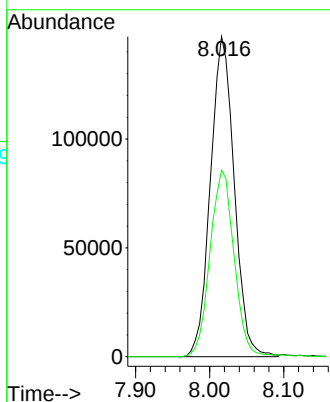
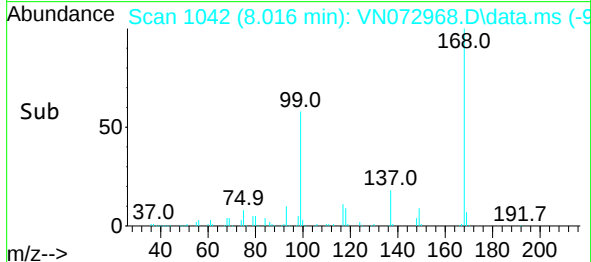
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



Tgt Ion:168 Resp: 327780
Ion Ratio Lower Upper
168 100
99 58.3 42.3 63.5

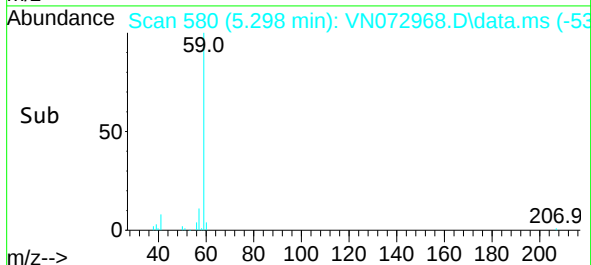
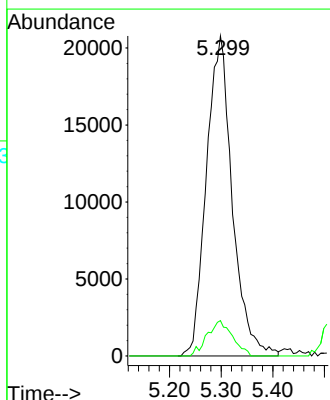
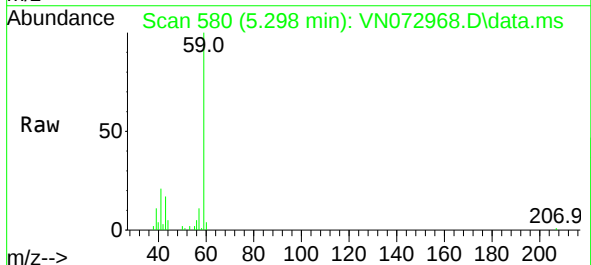
Manual Integrations
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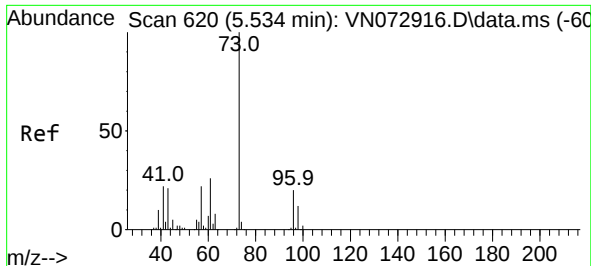
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#11
Tert butyl alcohol
Concen: 63.168 ug/l
RT: 5.298 min Scan# 580
Delta R.T. -0.006 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

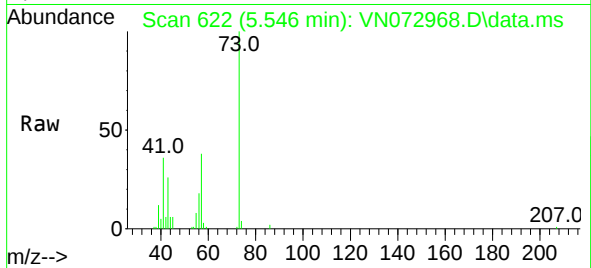
Tgt Ion: 59 Resp: 72309
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#19
Methyl tert-butyl Ether
Concen: 5.204 ug/l
RT: 5.546 min Scan# 6133
Delta R.T. 0.012 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

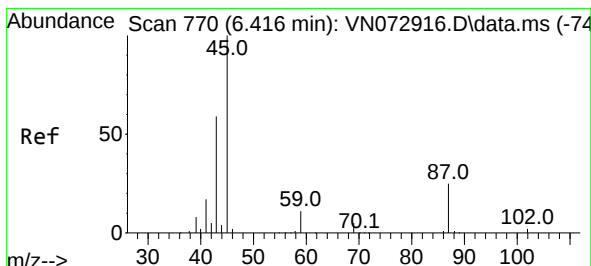
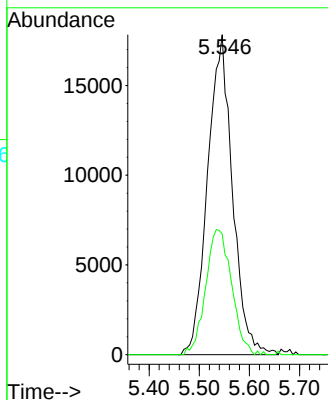
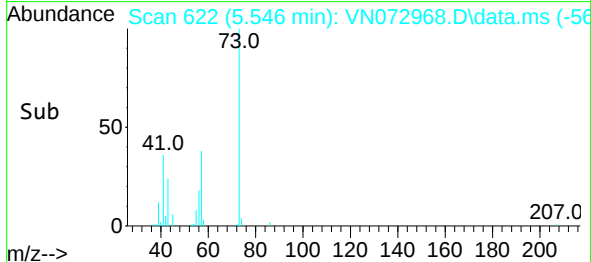
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



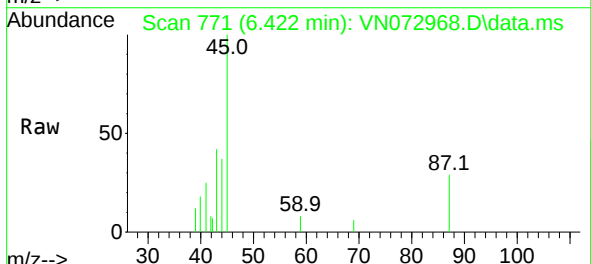
Tgt Ion: 73 Resp: 6133
Ion Ratio Lower Upper
73 100
57 37.7 17.6 26.4

Manual Integrations
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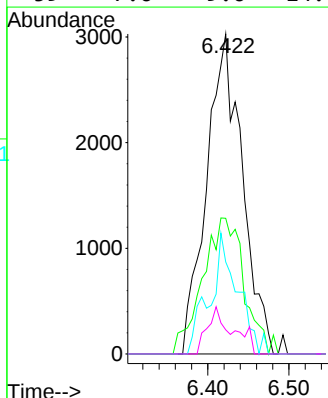
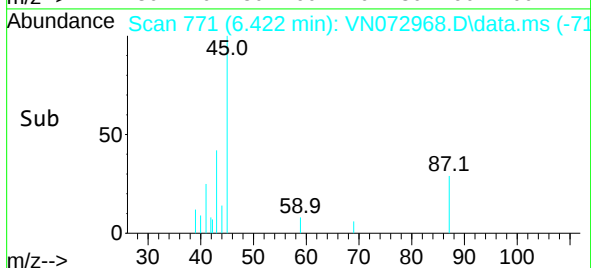
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

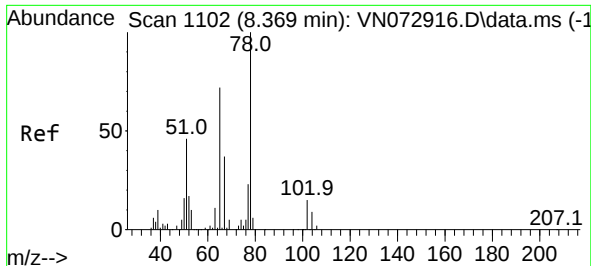


#22
Diisopropyl ether
Concen: 0.740 ug/l
RT: 6.422 min Scan# 771
Delta R.T. 0.006 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54



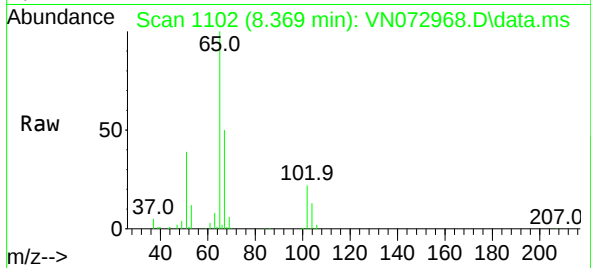
Tgt Ion: 45 Resp: 9254
Ion Ratio Lower Upper
45 100
43 42.4 46.6 70.0#
87 28.8 24.3 36.5
59 7.6 9.6 14.4#





#33
1,2-Dichloroethane-d4
Concen: 43.353 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

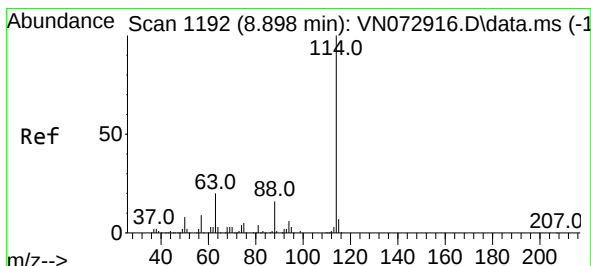
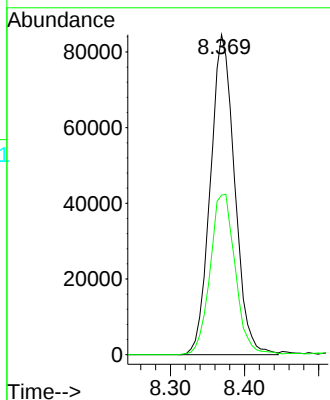
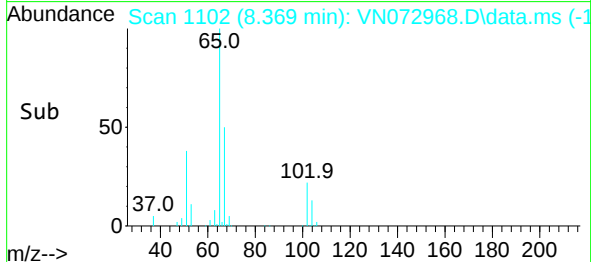
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



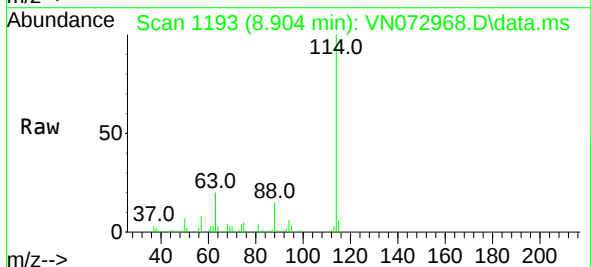
Tgt Ion: 65 Resp: 192119
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

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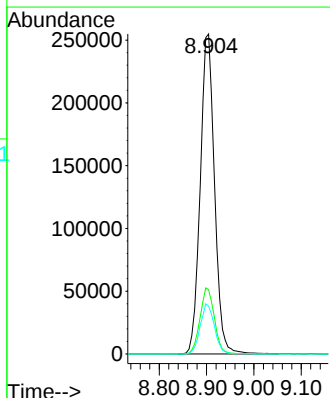
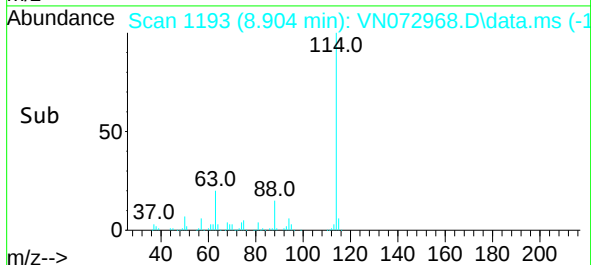
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

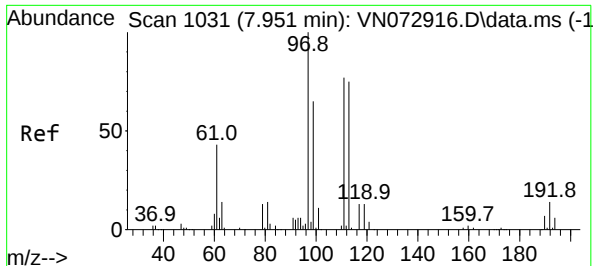


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54



Tgt Ion:114 Resp: 534500
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.0
88 15.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.089 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072968.D

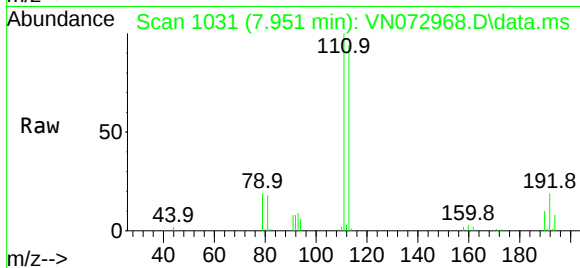
Acq: 20 Jun 2022 17:54

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-09



Tgt Ion: 113 Resp: 165480

Ion Ratio Lower Upper

113 100

111 104.3 81.4 122.0

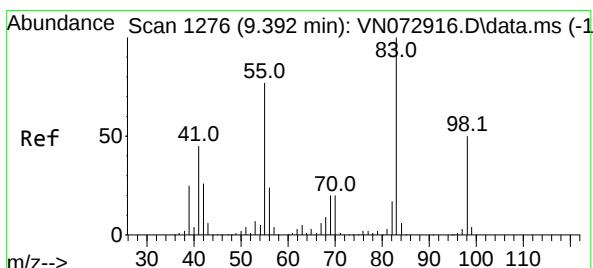
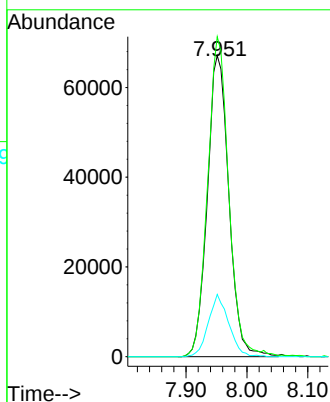
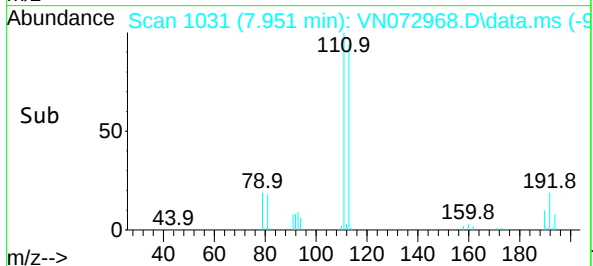
192 19.4 17.0 25.6

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#39

Methylcyclohexane

Concen: 1.294 ug/l m

RT: 9.357 min Scan# 1270

Delta R.T. -0.035 min

Lab File: VN072968.D

Acq: 20 Jun 2022 17:54

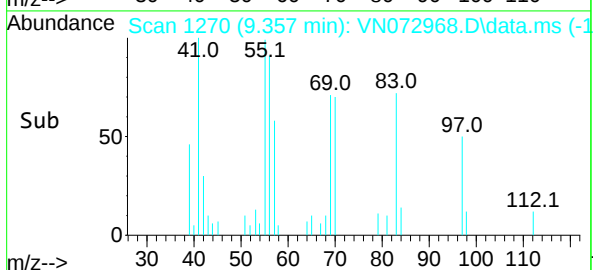
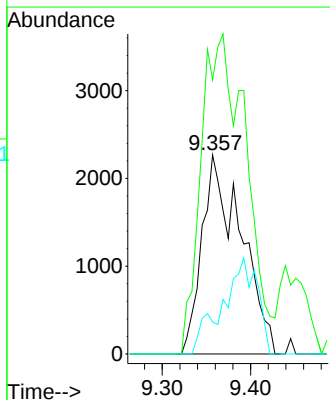
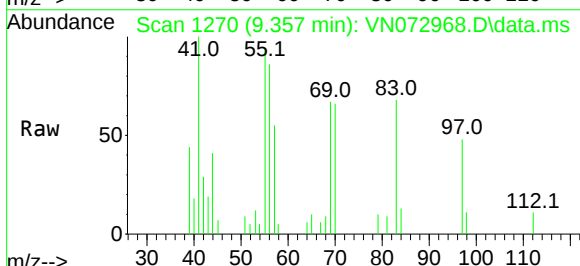
Tgt Ion: 83 Resp: 6970

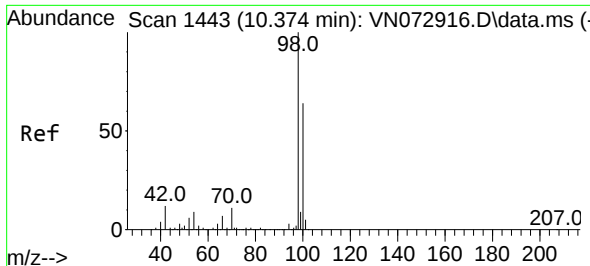
Ion Ratio Lower Upper

83 100

55 137.7 57.8 86.8#

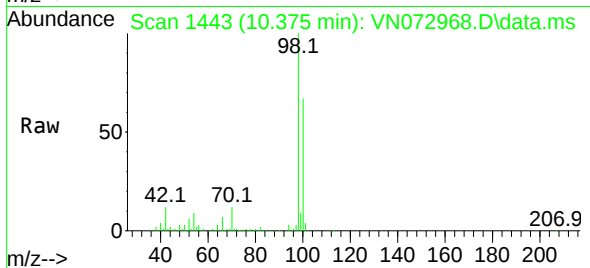
98 16.1 39.4 59.2#





#50
Toluene-d8
Concen: 44.608 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

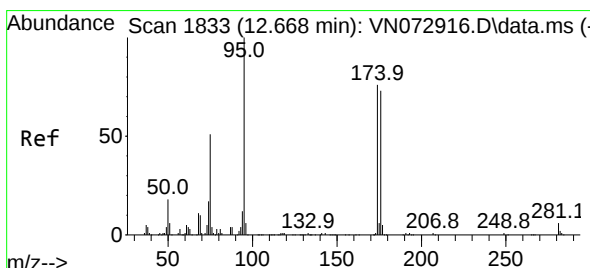
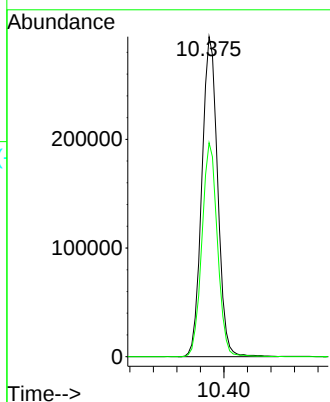
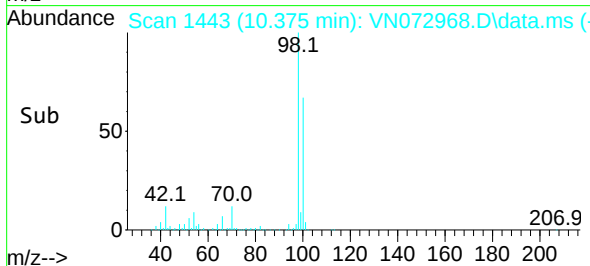
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



Tgt Ion: 98 Resp: 548369
Ion Ratio Lower Upper
98 100
100 65.9 52.6 78.8

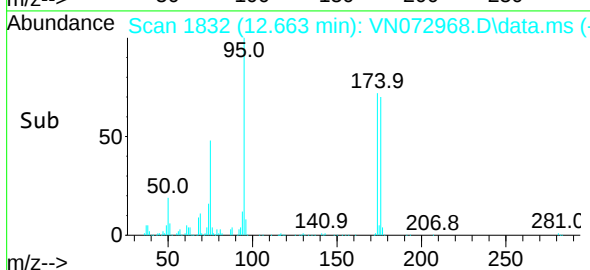
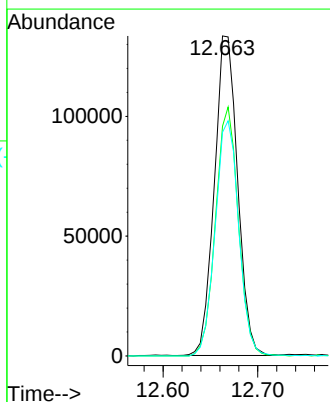
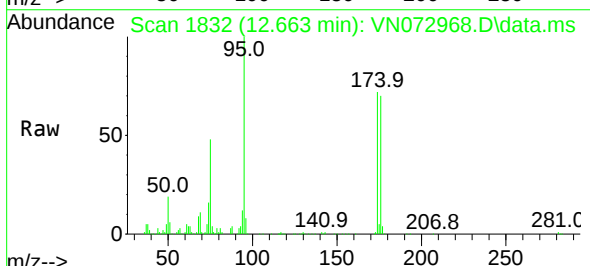
Manual Integrations
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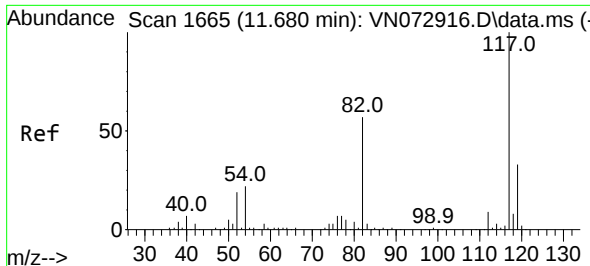
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#62
4-Bromofluorobenzene
Concen: 51.559 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

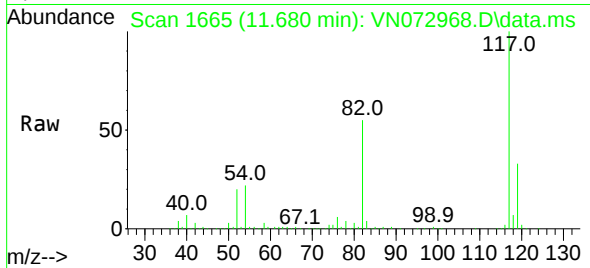
Tgt Ion: 95 Resp: 227914
Ion Ratio Lower Upper
95 100
174 76.3 0.0 167.6
176 74.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

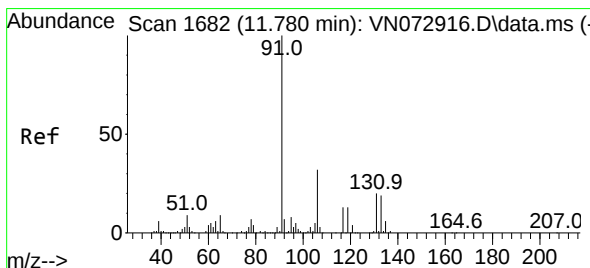
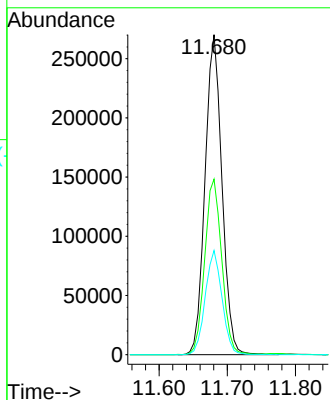
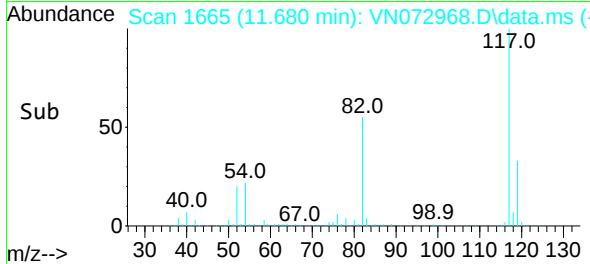
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



Tgt Ion:117 Resp: 467093
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 32.5 25.4 38.0

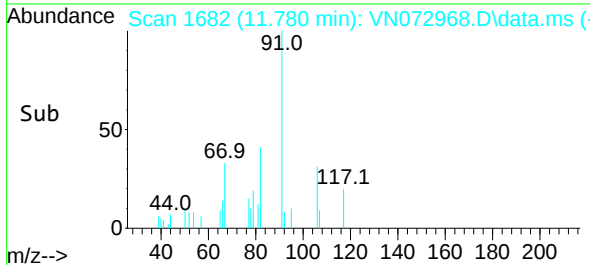
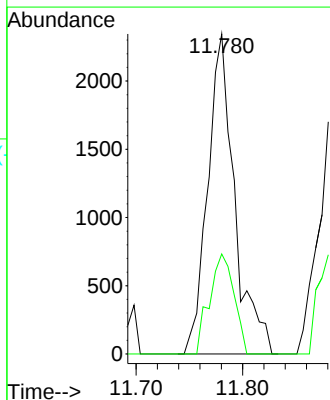
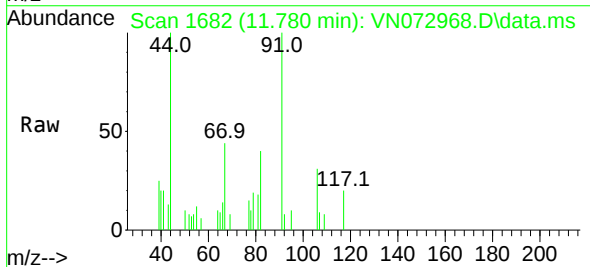
Manual Integrations
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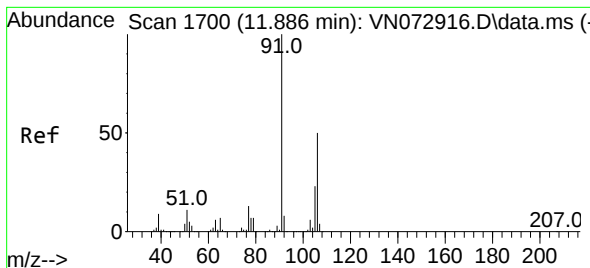
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#67
Ethyl Benzene
Concen: 0.256 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

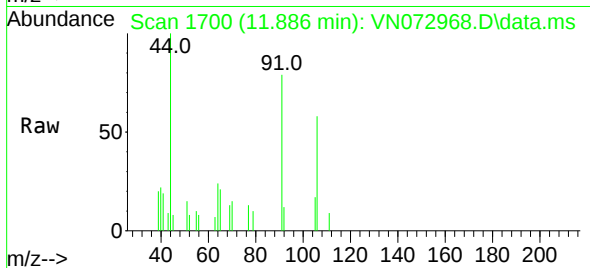
Tgt Ion: 91 Resp: 4113
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3





#68
m/p-Xylenes
Concen: 0.295 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

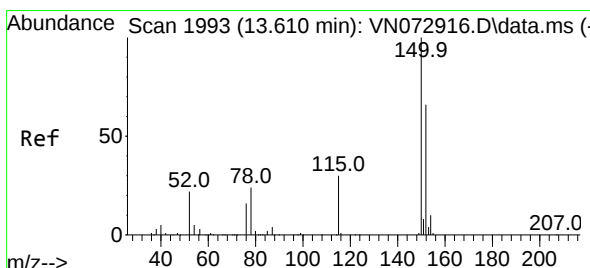
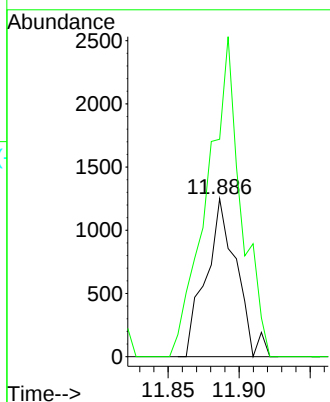
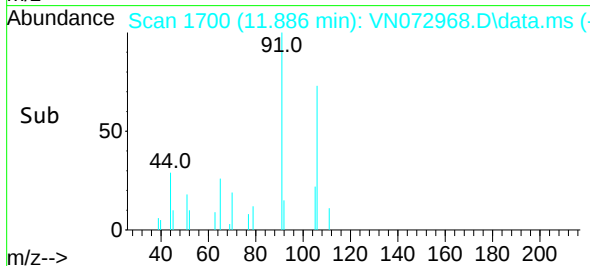
Instrument :
MSVOA_N
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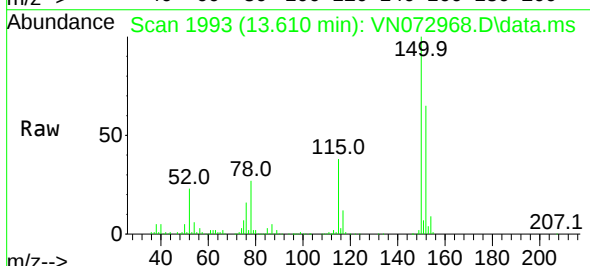
Tgt Ion:106 Resp: 1858
Ion Ratio Lower Upper
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91 226.7 158.9 238.3

Manual Integrations
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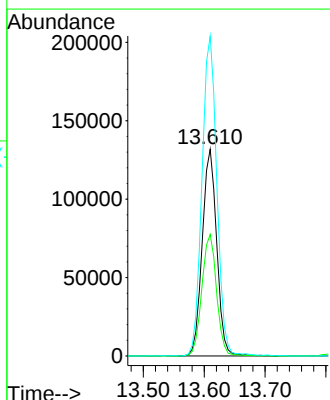
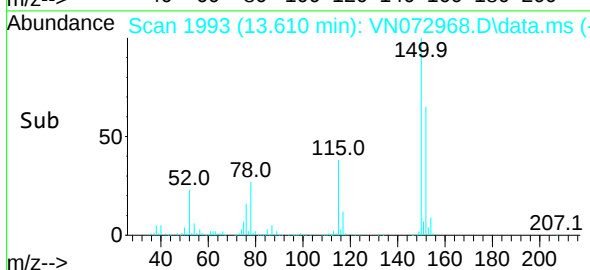
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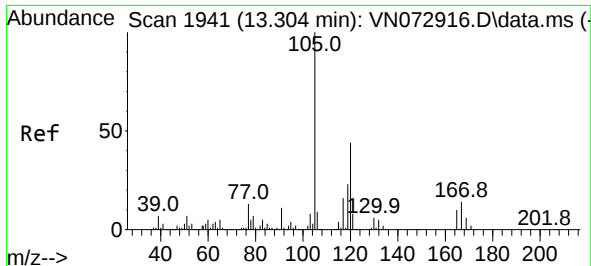


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54



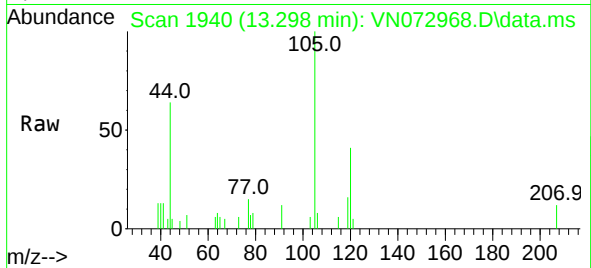
Tgt Ion:152 Resp: 217848
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 159.0 0.0 356.2





#84
1,2,4-Trimethylbenzene
Concen: 0.441 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.006 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

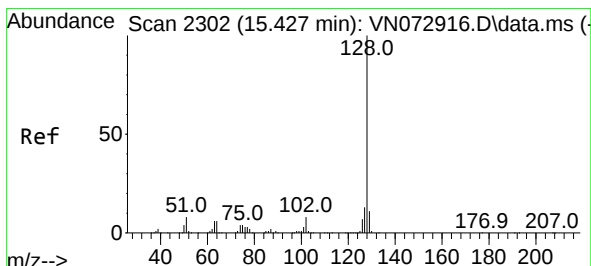
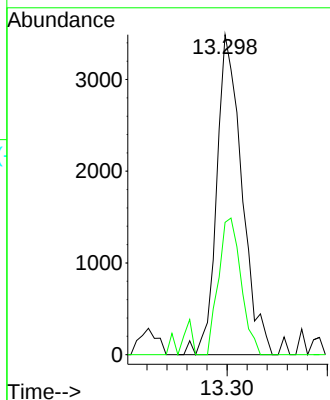
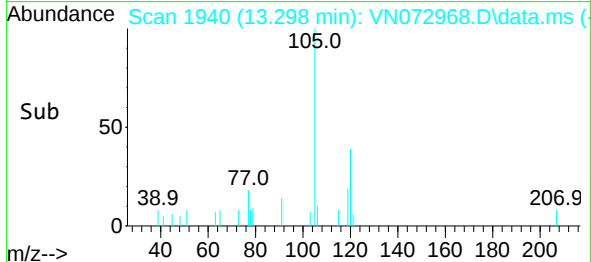
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09



Tgt Ion:105 Resp: 6084
Ion Ratio Lower Upper
105 100
120 38.1 23.3 69.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#95
Naphthalene
Concen: 0.657 ug/l
RT: 15.427 min Scan# 2302
Delta R.T. 0.000 min
Lab File: VN072968.D
Acq: 20 Jun 2022 17:54

Tgt Ion:128 Resp: 11049
Ion Ratio Lower Upper
128 100
127 16.2 10.3 15.5#
129 12.7 8.6 13.0

