

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071777.D
 Acq On : 02 Apr 2022 01:46
 Operator : JC\MD
 Sample : N2222-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-12

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/02/2022
 Supervised By : Mahesh Dadoda 04/02/2022

Quant Time: Apr 02 05:33:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	619274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1047762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1069894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	416856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	349823	49.482	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.960%		
35) Dibromofluoromethane	8.022	113	297696	48.284	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.560%		
50) Toluene-d8	10.439	98	1324213	52.503	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.000%		
62) 4-Bromofluorobenzene	12.727	95	456856	56.008	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	112.020%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.369	59	18562	16.179	ug/l #	85
16) Acetone	4.299	43	11170	3.697	ug/l	92
19) Methyl tert-butyl Ether	5.622	73	32781	1.726	ug/l #	55
29) Tetrahydrofuran	7.704	42	5684	2.015	ug/l	91
30) Chloroform	7.816	83	5406m	0.483	ug/l	
31) Cyclohexane	8.092	56	41008	4.265	ug/l #	71
39) Methylcyclohexane	9.451	83	8063	0.787	ug/l	96
40) Benzene	8.457	78	359609	13.222	ug/l	98
52) Toluene	10.504	92	12730	0.740	ug/l	99
67) Ethyl Benzene	11.839	91	70513	1.944	ug/l	100
68) m/p-Xylenes	11.957	106	20691	1.485	ug/l	95
69) o-Xylene	12.275	106	125979	9.109	ug/l	98
73) Isopropylbenzene	12.574	105	55947	1.593	ug/l	99
78) n-propylbenzene	12.916	91	35937	0.973	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	8457m	0.304	ug/l	
84) 1,2,4-Trimethylbenzene	13.363	105	24371	0.897	ug/l	98
85) sec-Butylbenzene	13.498	105	43745	1.326	ug/l #	70
89) n-Butylbenzene	13.939	91	20478	1.050	ug/l #	86
95) Naphthalene	15.498	128	249992	15.971	ug/l	99

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

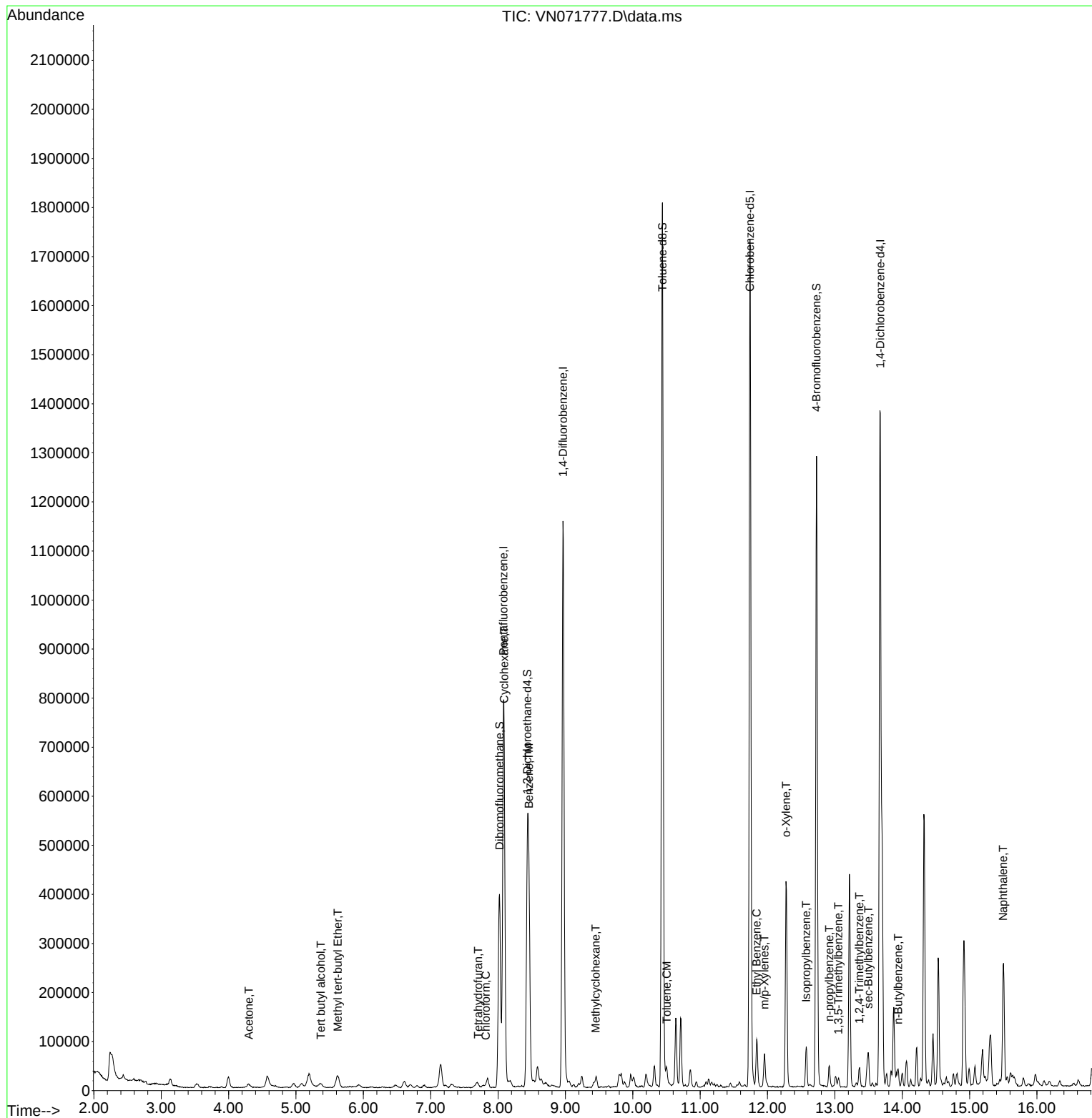
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071777.D
Acq On : 02 Apr 2022 01:46
Operator : JC\MD
Sample : N2222-04
Misc : 5.0mL/MSVOA_N/WATER
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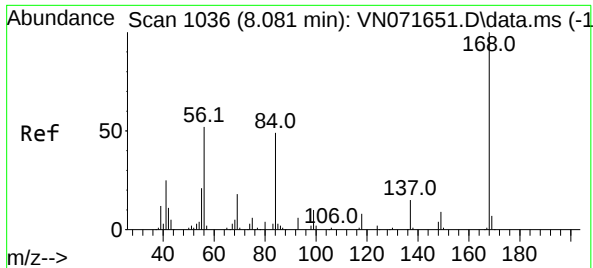
Instrument :
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ClientSampleId :
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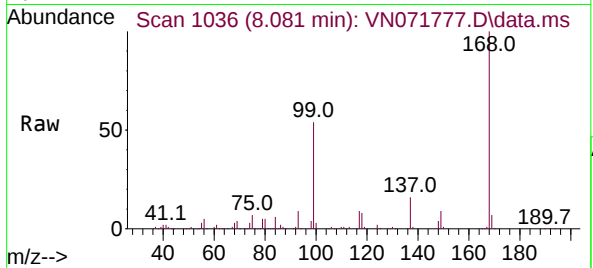
Quant Time: Apr 02 05:33:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

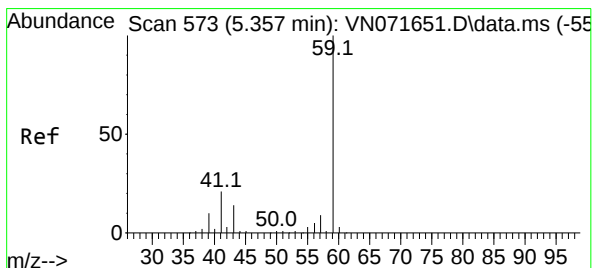
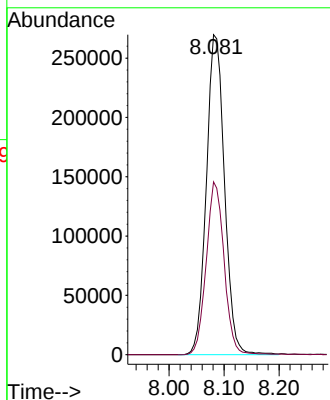
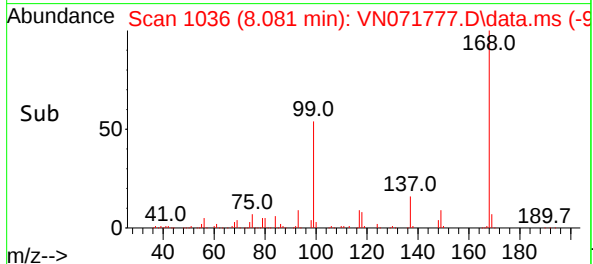
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:168 Resp: 619274
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5

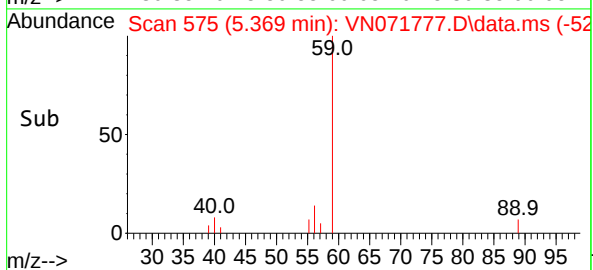
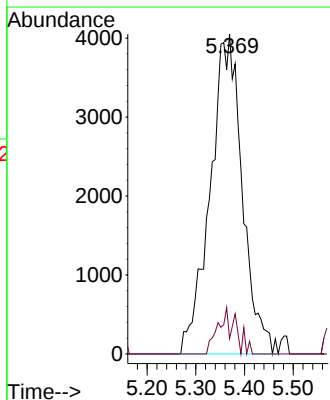
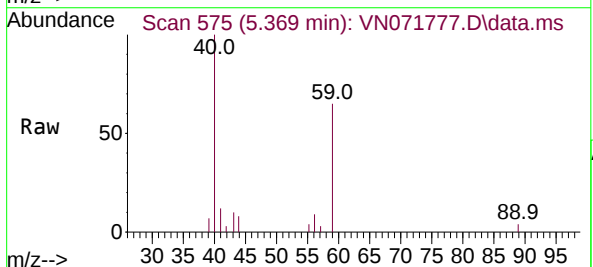
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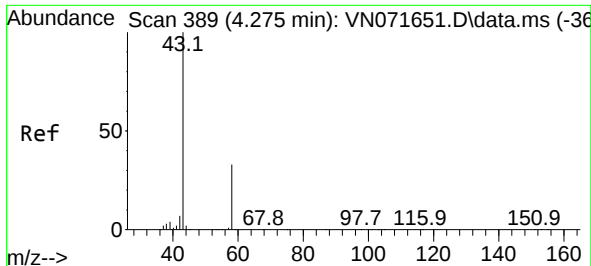
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#11
Tert butyl alcohol
Concen: 16.179 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

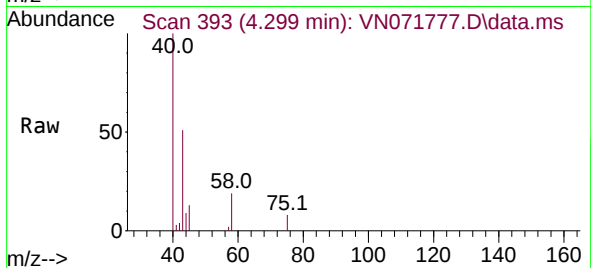
Tgt Ion: 59 Resp: 18562
Ion Ratio Lower Upper
59 100
57 4.8 8.3 12.5#





#16
Acetone
Concen: 3.697 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.024 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

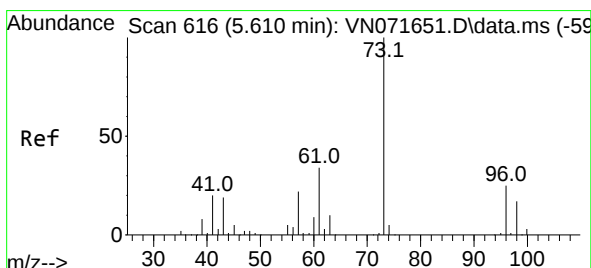
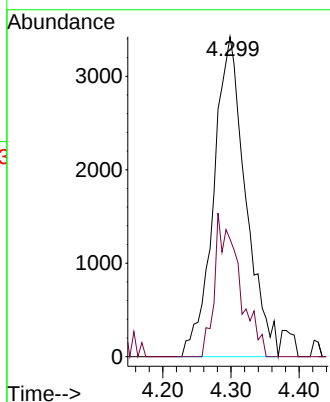
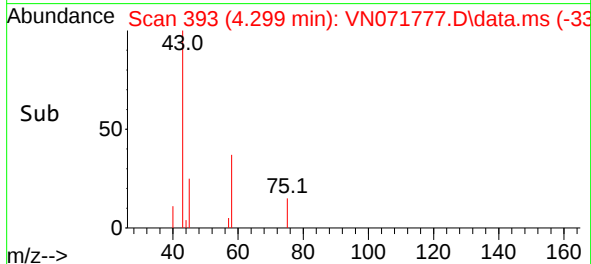
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion: 43 Resp: 11170
Ion Ratio Lower Upper
43 100
58 36.7 26.0 39.0

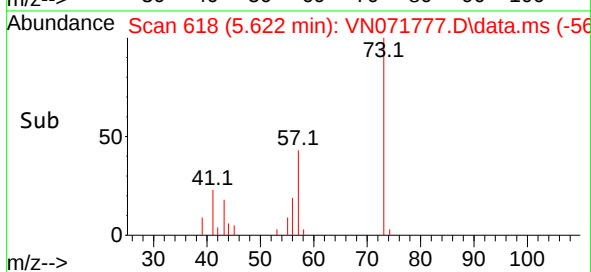
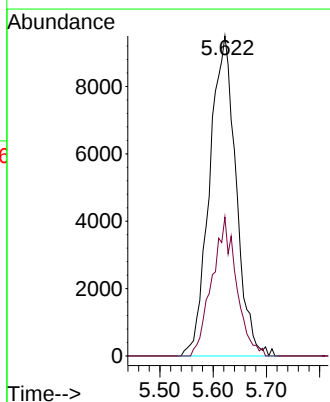
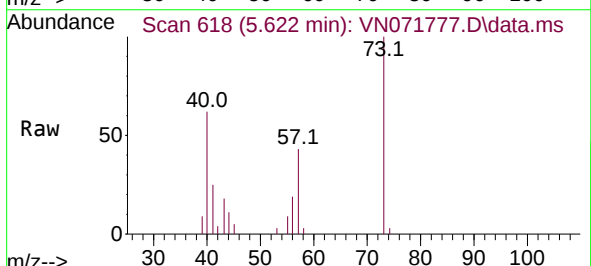
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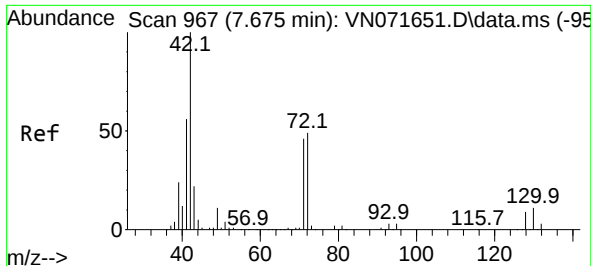
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#19
Methyl tert-butyl Ether
Concen: 1.726 ug/l
RT: 5.622 min Scan# 618
Delta R.T. 0.012 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

Tgt Ion: 73 Resp: 32781
Ion Ratio Lower Upper
73 100
57 43.4 17.6 26.4#





#29

Tetrahydrofuran

Concen: 2.015 ug/l

RT: 7.704 min Scan# 91

Delta R.T. 0.029 min

Lab File: VN071777.D

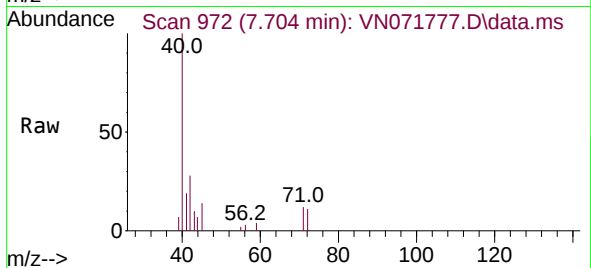
Acq: 02 Apr 2022 01:46

Instrument :

MSVOA_N

ClientSampleId :

MW-12



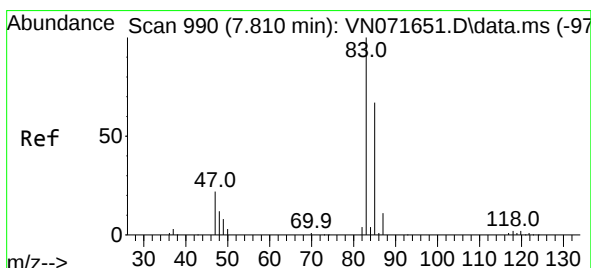
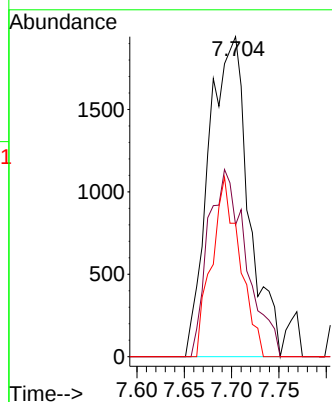
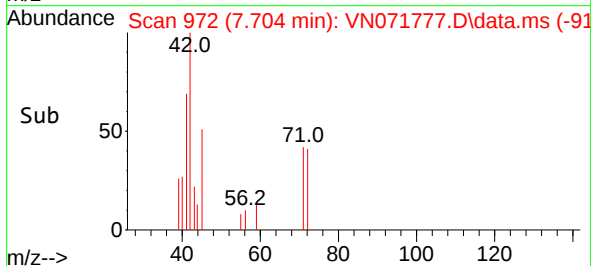
Tgt Ion:	42	Resp:	5684
Ion Ratio	100	Lower	Upper
42	100		
72	55.9	39.7	59.5
71	39.4	36.6	55.0

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#30

Chloroform

Concen: 0.483 ug/l m

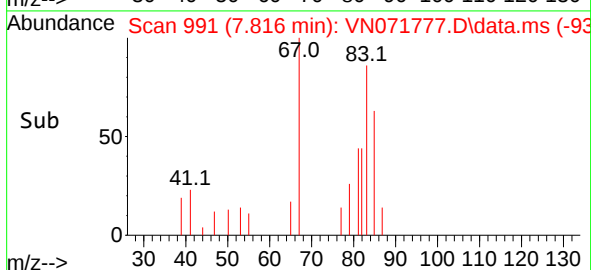
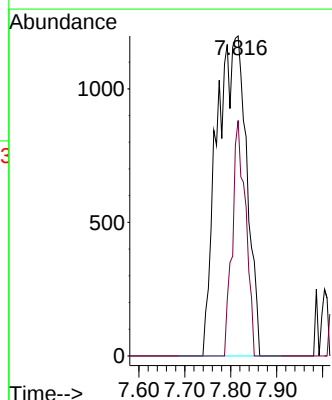
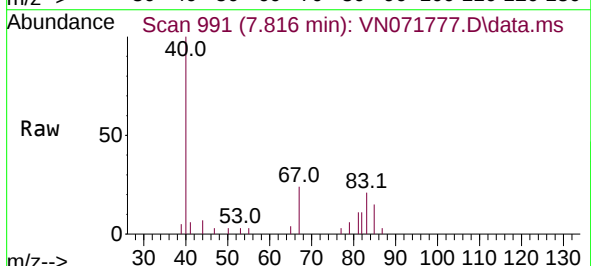
RT: 7.816 min Scan# 991

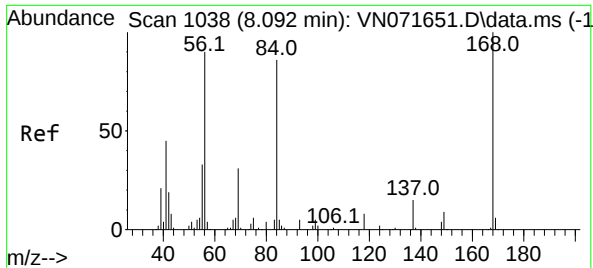
Delta R.T. 0.006 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

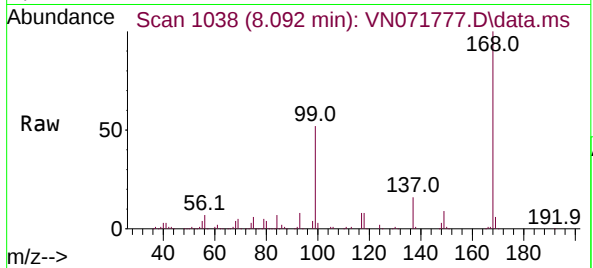
Tgt Ion:	83	Resp:	5406
Ion Ratio	100	Lower	Upper
83	100		
85	73.6	51.8	77.8





#31
Cyclohexane
Concen: 4.265 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

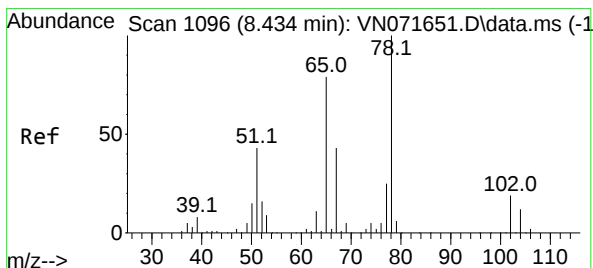
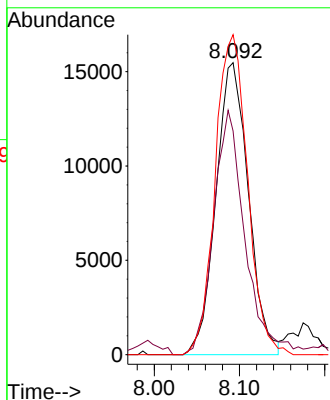
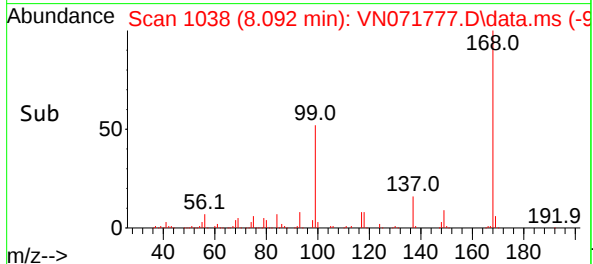
Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion: 56 Resp: 41008
Ion Ratio Lower Upper
56 100
69 76.6 27.8 41.8
84 109.6 76.9 115.3

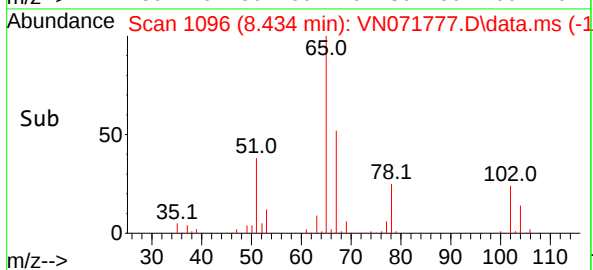
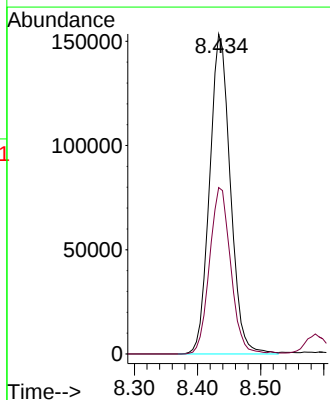
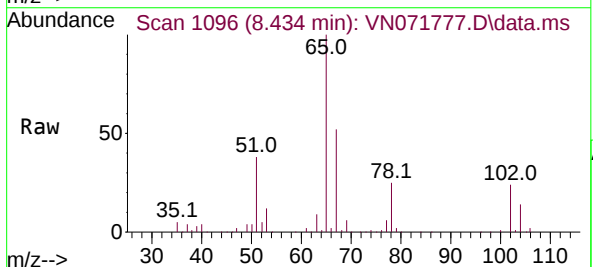
Manual Integrations
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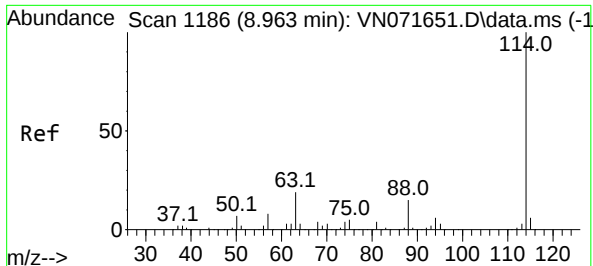
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#33
1,2-Dichloroethane-d4
Concen: 49.482 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

Tgt Ion: 65 Resp: 349823
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

Instrument :

MSVOA_N

ClientSampleId :

MW-12

Tgt Ion:114 Resp: 104776

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

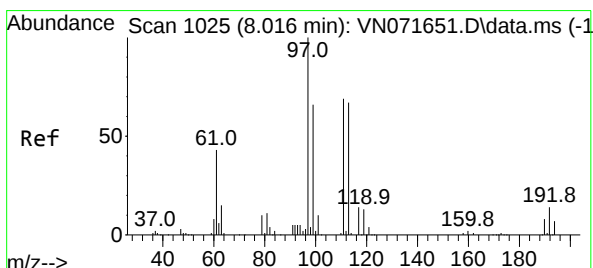
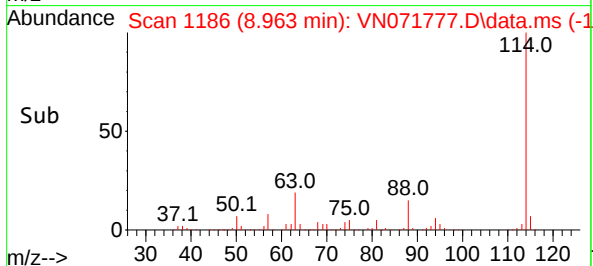
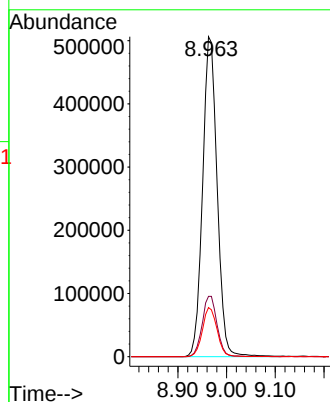
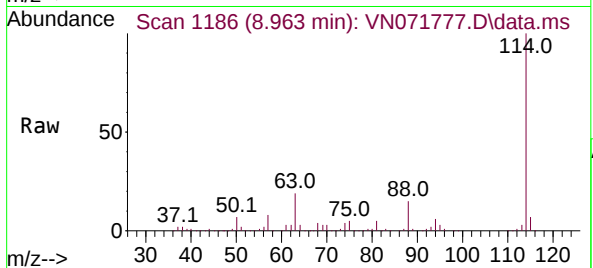
88 15.4 0.0 32.6

Manual Integrations

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#35

Dibromofluoromethane

Concen: 48.284 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

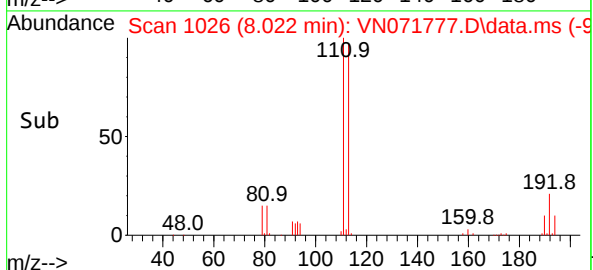
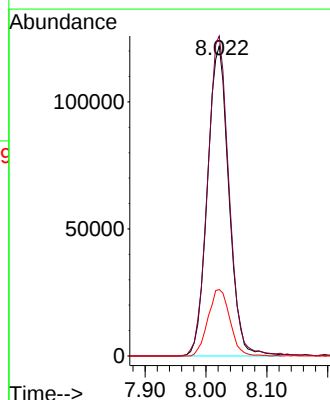
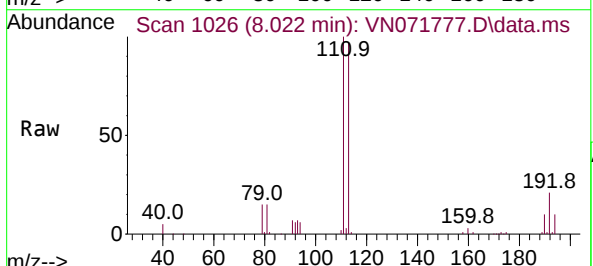
Tgt Ion:113 Resp: 297696

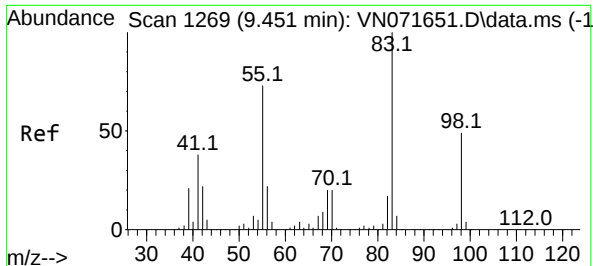
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 21.9 17.0 25.6





#39

Methylcyclohexane

Concen: 0.787 ug/l

RT: 9.451 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

Instrument :

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MW-12

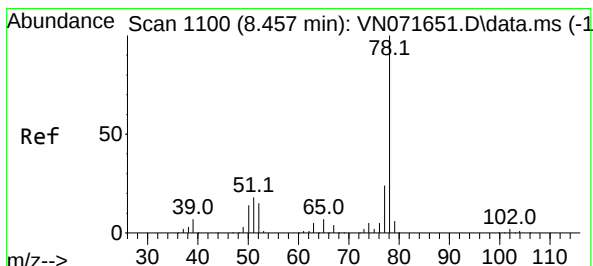
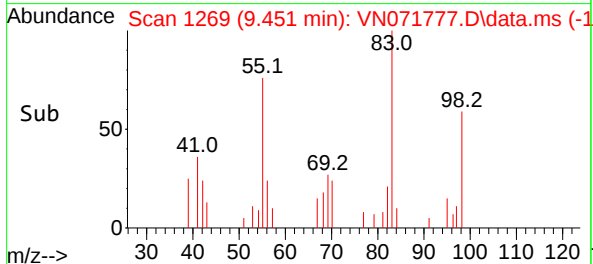
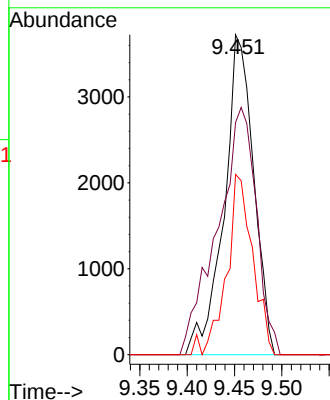
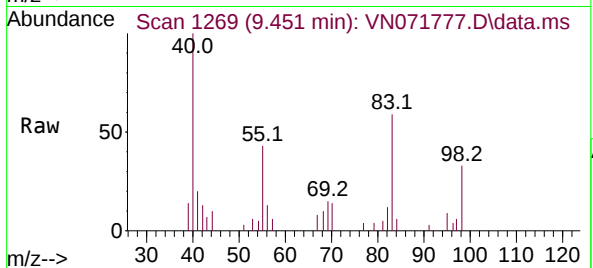
Tgt Ion: 83	Resp: 806
Ion Ratio	Lower Upper
83 100	
55 72.6	57.8 86.8
98 56.3	39.4 59.2

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Supervised By :Mahesh Dadoda 04/02/2022



#40

Benzene

Concen: 13.222 ug/l

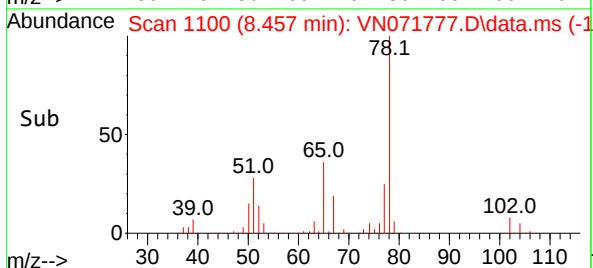
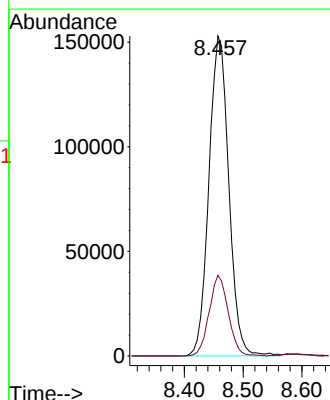
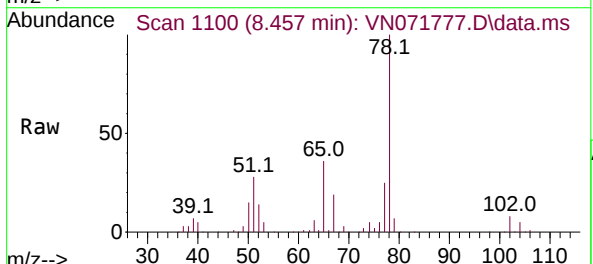
RT: 8.457 min Scan# 1100

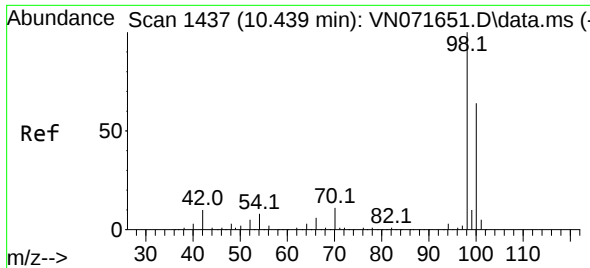
Delta R.T. 0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

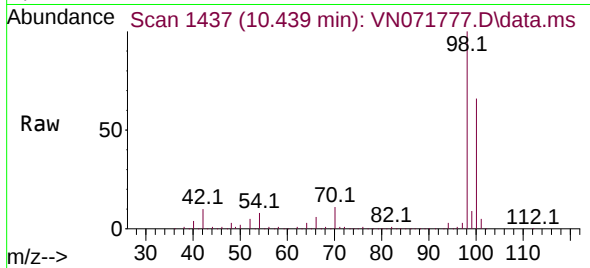
Tgt Ion: 78	Resp: 359609
Ion Ratio	Lower Upper
78 100	
77 25.2	19.4 29.0





#50
Toluene-d8
Concen: 52.503 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

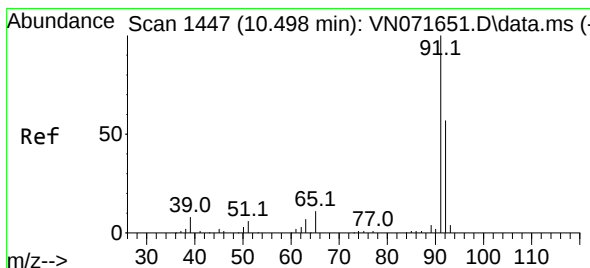
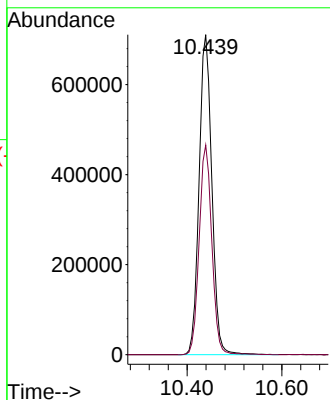
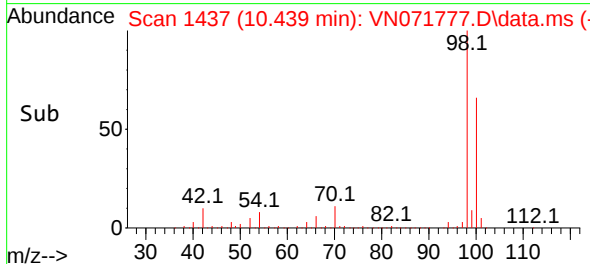
Instrument :
MSVOA_N
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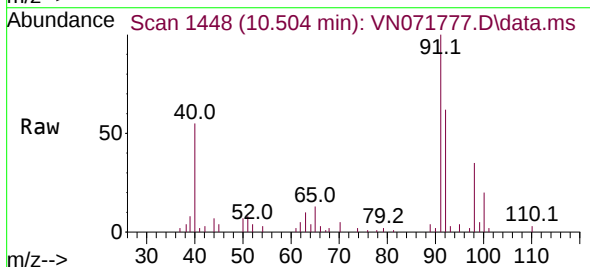
Tgt Ion: 98 Resp: 132421
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

Manual Integrations
APPROVED

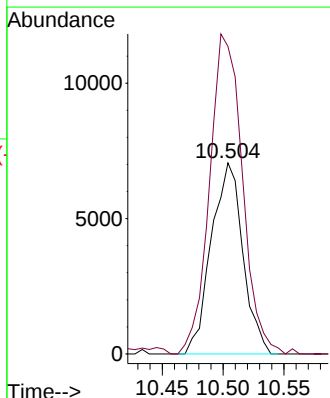
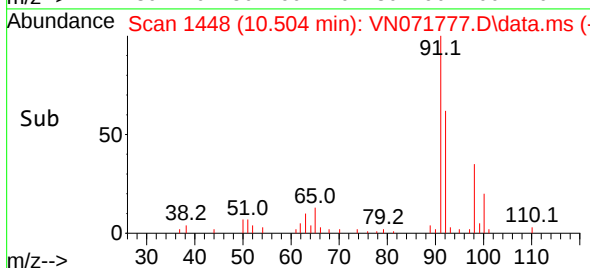
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

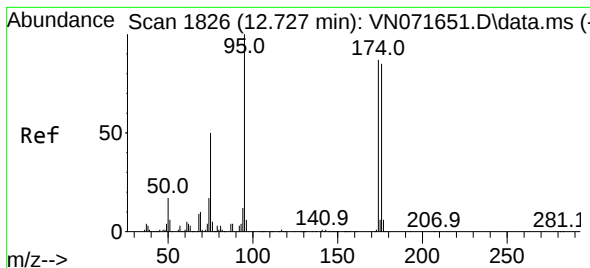


#52
Toluene
Concen: 0.740 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46



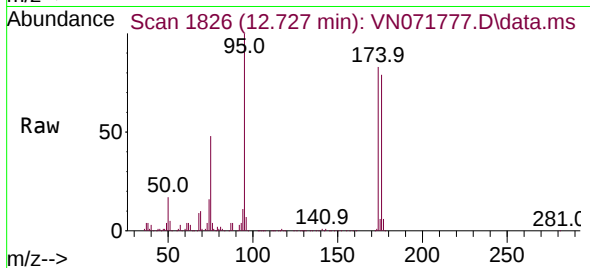
Tgt Ion: 92 Resp: 12730
Ion Ratio Lower Upper
92 100
91 174.5 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 56.008 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

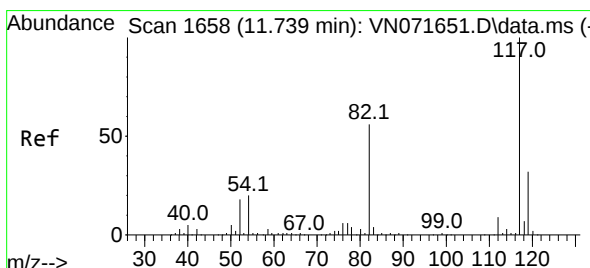
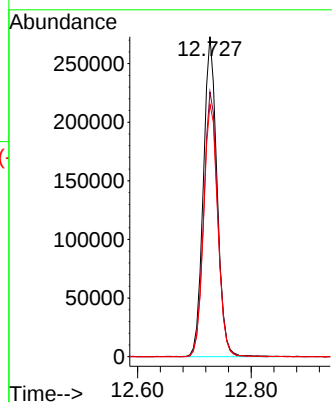
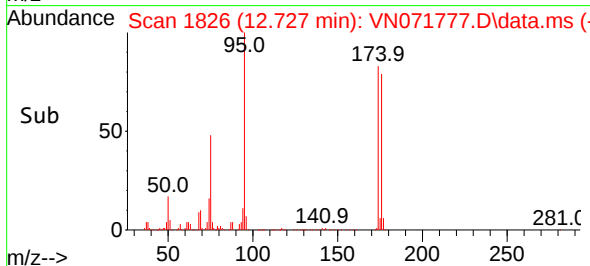
Instrument :
MSVOA_N
ClientSampleId :
MW-12



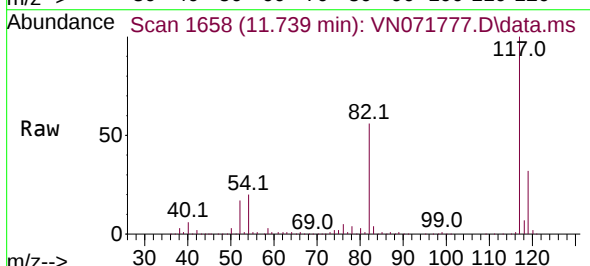
Tgt Ion: 95 Resp: 456850
Ion Ratio Lower Upper
95 100
174 84.5 0.0 167.6
176 81.3 0.0 163.4

Manual Integrations
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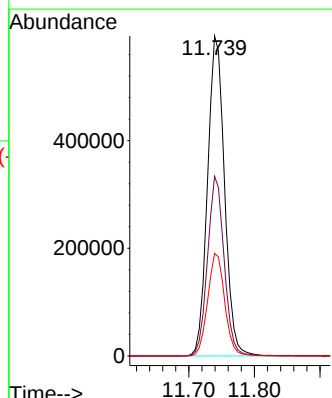
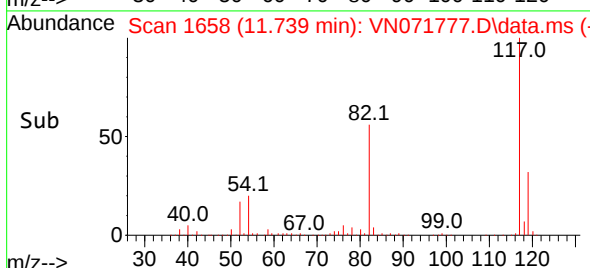
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

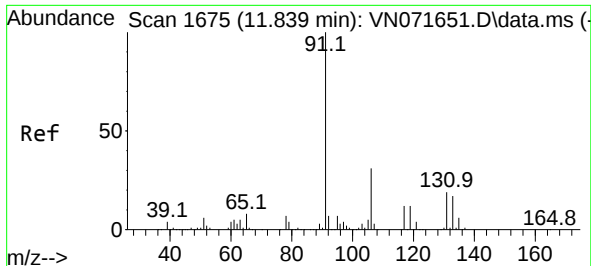


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46



Tgt Ion:117 Resp: 1069894
Ion Ratio Lower Upper
117 100
82 56.1 44.2 66.2
119 32.1 25.4 38.0





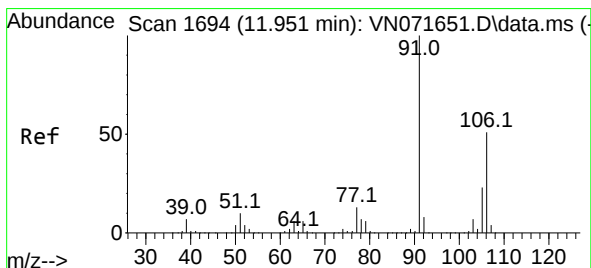
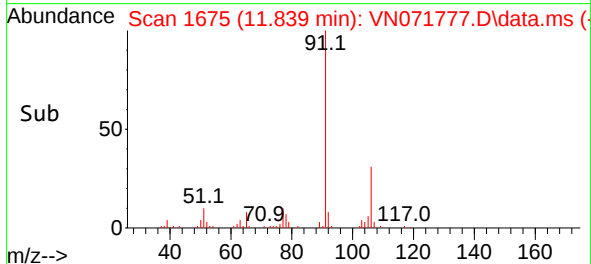
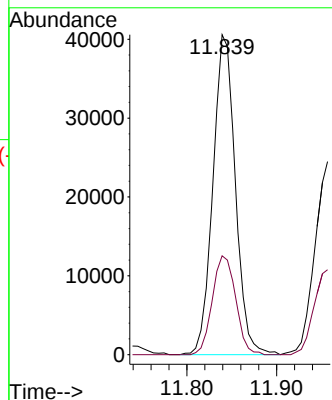
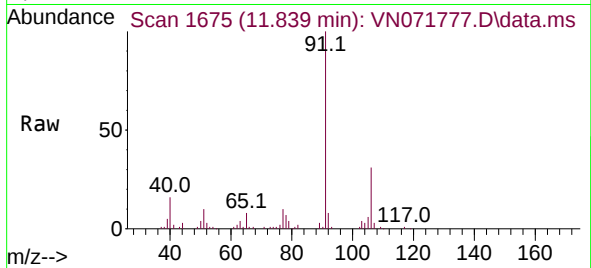
#67
Ethyl Benzene
Concen: 1.944 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

Instrument :
MSVOA_N
ClientSampleId :
MW-12

Tgt Ion: 91 Resp: 7051
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

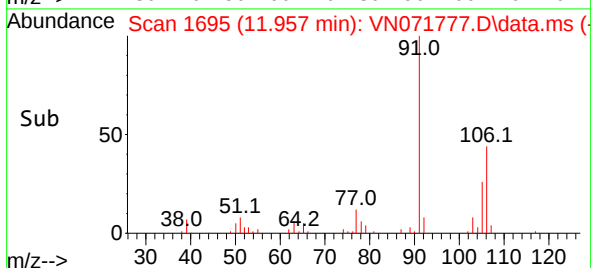
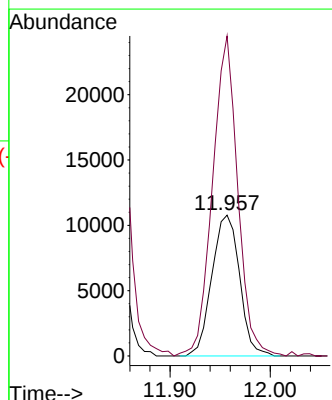
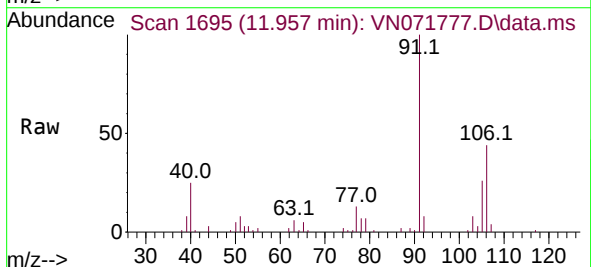
Manual Integrations
APPROVED

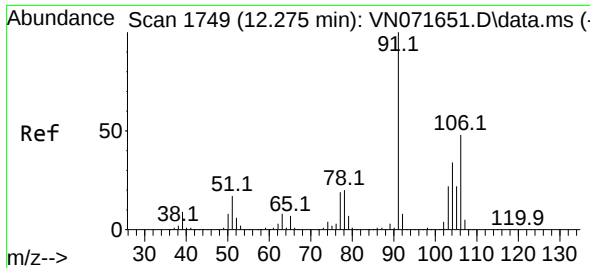
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#68
m/p-Xylenes
Concen: 1.485 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

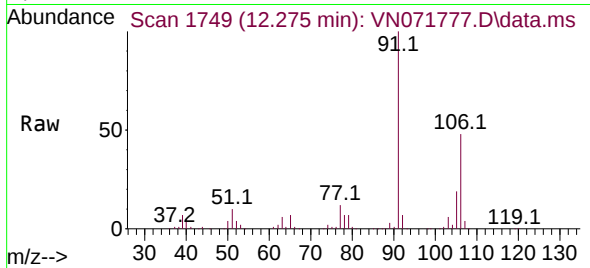
Tgt Ion:106 Resp: 20691
Ion Ratio Lower Upper
106 100
91 206.7 158.9 238.3





#69
o-Xylene
Concen: 9.109 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

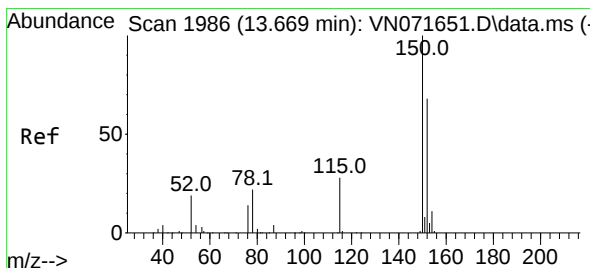
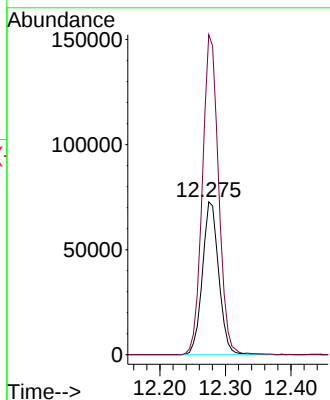
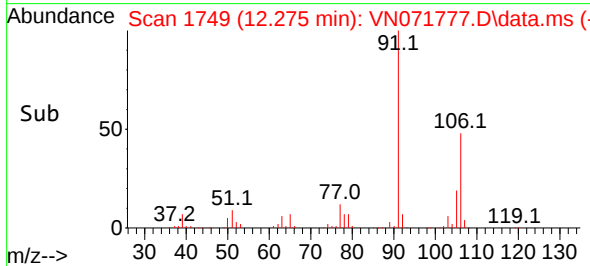
Instrument :
MSVOA_N
ClientSampleId :
MW-12



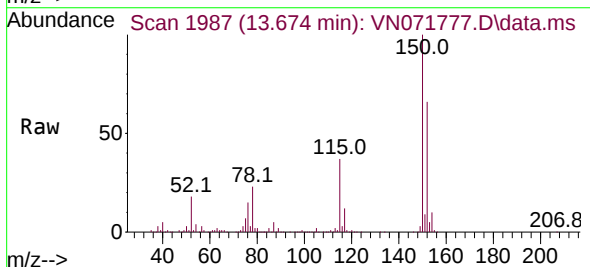
Tgt Ion:106 Resp: 125979
Ion Ratio Lower Upper
106 100
91 208.4 106.0 318.0

Manual Integrations
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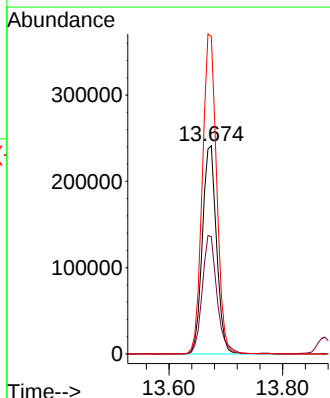
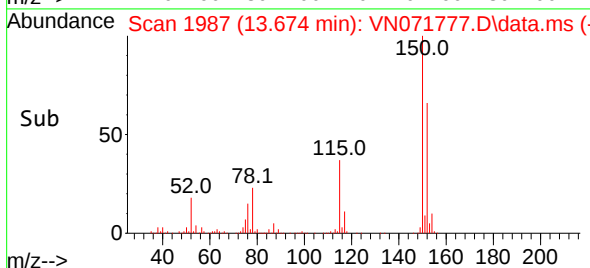
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

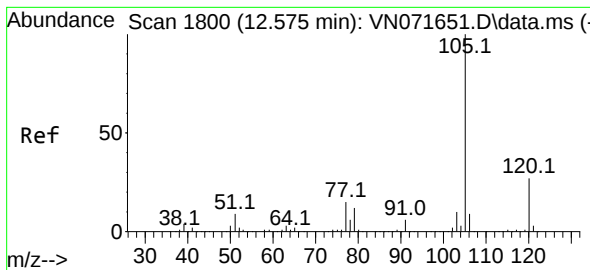


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46



Tgt Ion:152 Resp: 416856
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.7
150 155.0 0.0 356.2





#73

Isopropylbenzene

Concen: 1.593 ug/l

RT: 12.574 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

Instrument :

MSVOA_N

ClientSampleId :

MW-12

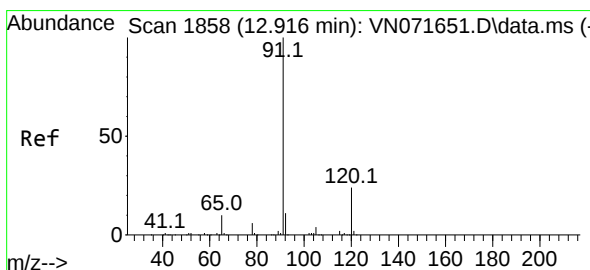
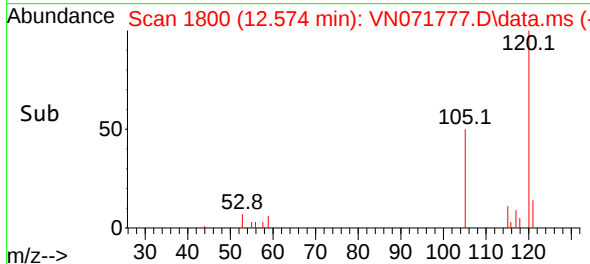
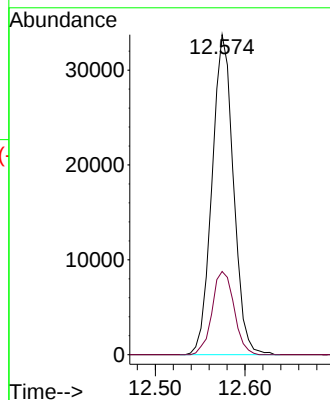
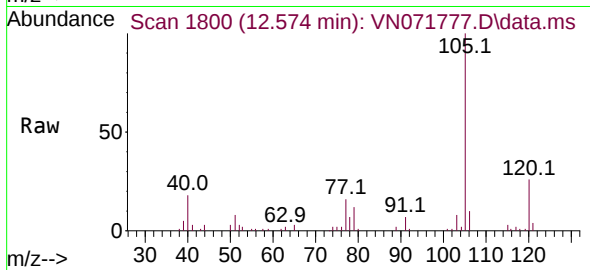
Tgt Ion:105 Resp: 5594
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.5 40.4

Manual Integrations

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Reviewed By :John Carlone 04/02/2022

Supervised By :Mahesh Dadoda 04/02/2022



#78

n-propylbenzene

Concen: 0.973 ug/l

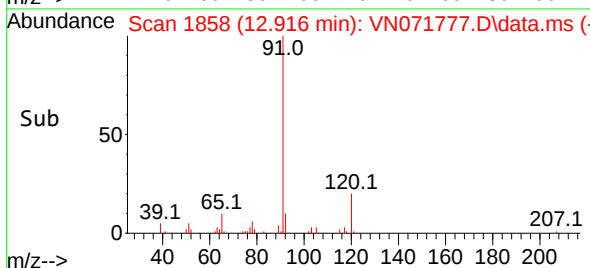
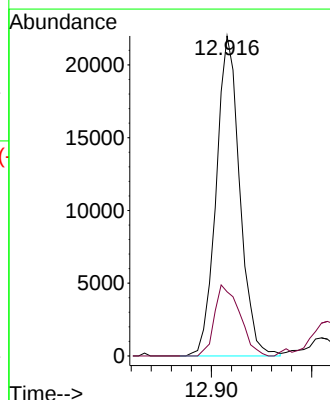
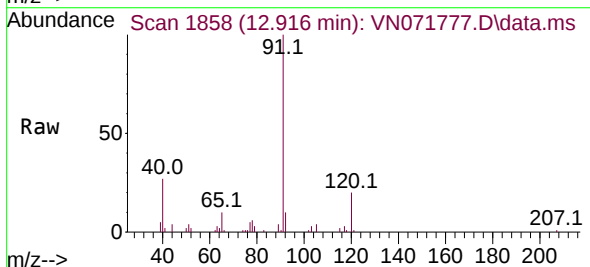
RT: 12.916 min Scan# 1858

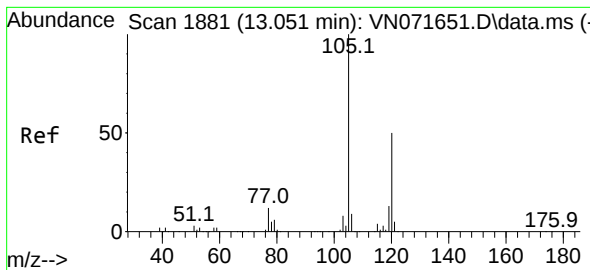
Delta R.T. -0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

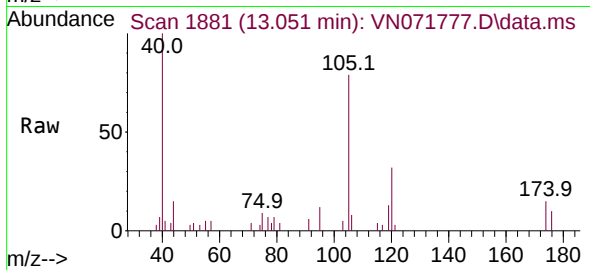
Tgt Ion: 91 Resp: 35937
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 0.304 ug/l m
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

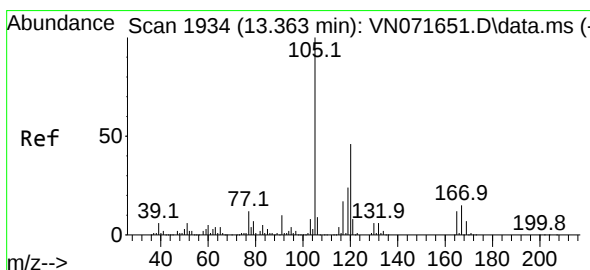
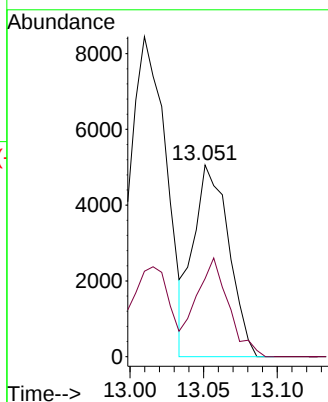
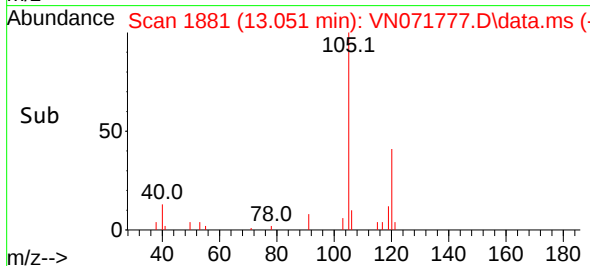
Instrument :
MSVOA_N
ClientSampleId :
MW-12



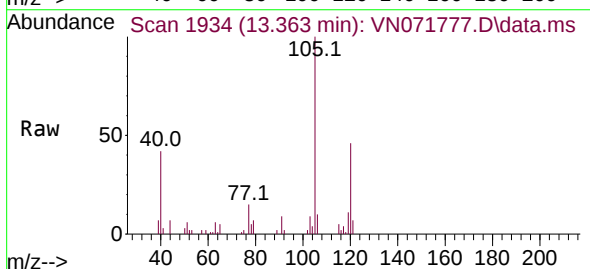
Tgt Ion:105 Resp: 845
Ion Ratio Lower Upper
105 100
120 52.8 24.9 74.7

Manual Integrations
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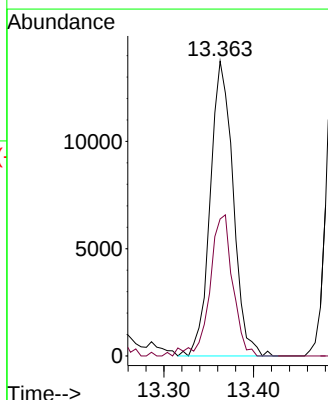
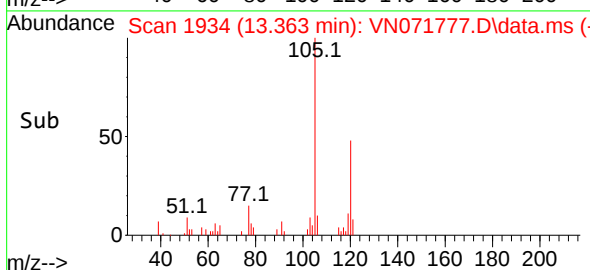
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

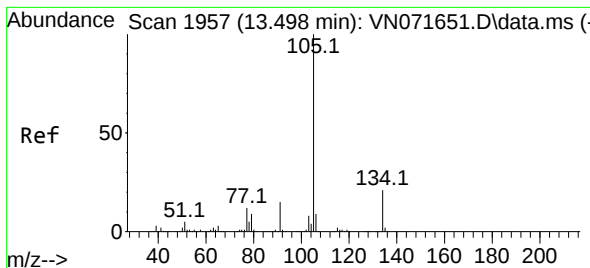


#84
1,2,4-Trimethylbenzene
Concen: 0.897 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46



Tgt Ion:105 Resp: 24371
Ion Ratio Lower Upper
105 100
120 47.8 23.3 69.8





#85

sec-Butylbenzene

Concen: 1.326 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

Instrument :

MSVOA_N

ClientSampleId :

MW-12

Tgt Ion:105 Resp: 43749

Ion Ratio Lower Upper

105 100

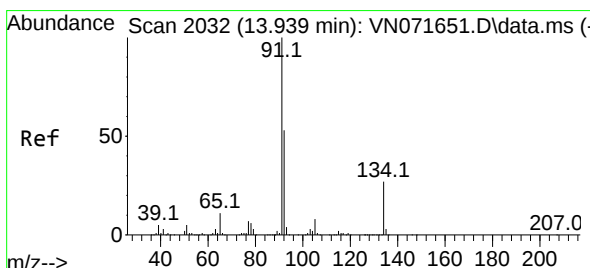
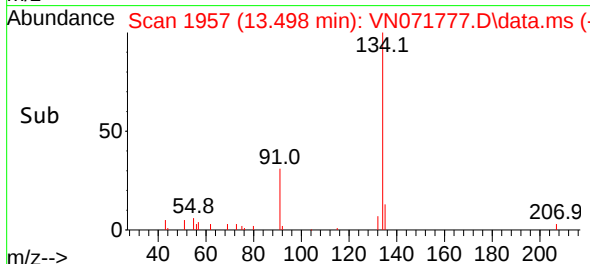
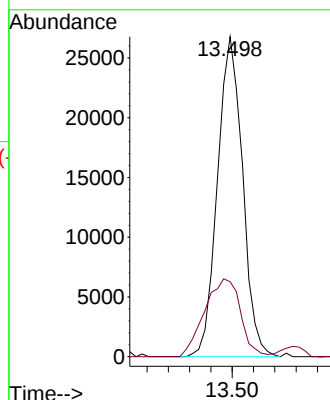
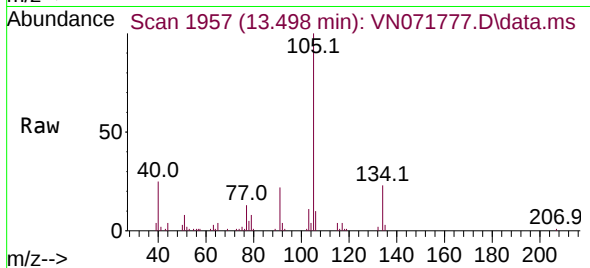
134 34.8 10.4 31.1

Manual Integrations

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Reviewed By :John Carbone 04/02/2022

Supervised By :Mahesh Dadoda 04/02/2022



#89

n-Butylbenzene

Concen: 1.050 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN071777.D

Acq: 02 Apr 2022 01:46

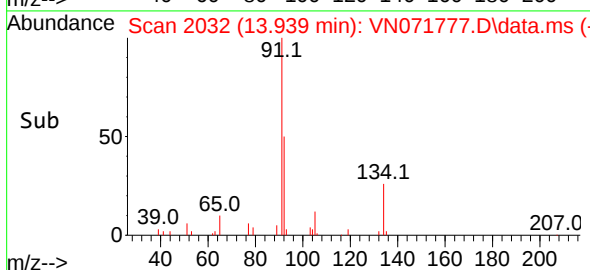
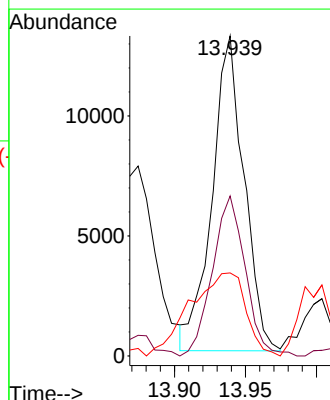
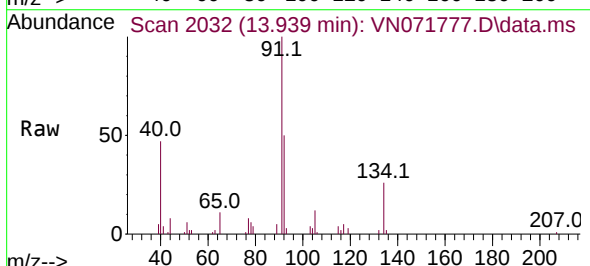
Tgt Ion: 91 Resp: 20478

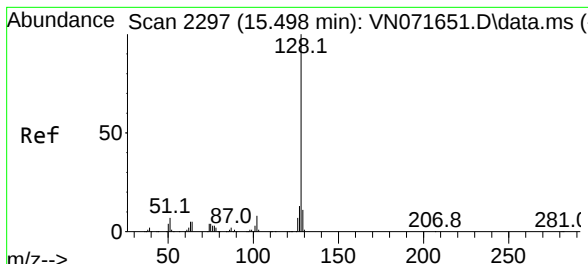
Ion Ratio Lower Upper

91 100

92 52.3 26.9 80.7

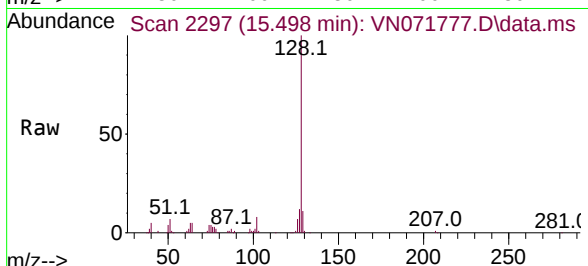
134 46.1 13.6 40.8





#95
Naphthalene
Concen: 15.971 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071777.D
Acq: 02 Apr 2022 01:46

Instrument :
MSVOA_N
ClientSampleId :
MW-12



Tgt Ion:128 Resp: 249992
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.2 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

