

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071761.D
 Acq On : 01 Apr 2022 18:32
 Operator : JC\MD
 Sample : N2090-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-55

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 00:56:36 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	618268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1061783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1088223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	390131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	352568	49.951	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.900%		
35) Dibromofluoromethane	8.022	113	302008	48.337	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.680%		
50) Toluene-d8	10.439	98	1353916	52.972	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.940%		
62) 4-Bromofluorobenzene	12.727	95	438519	53.050	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.100%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	47645	41.595	ug/l	99
16) Acetone	4.293	43	35665	11.824	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	78764	4.155	ug/l #	48
22) Diisopropyl ether	6.498	45	13546	0.751	ug/l	95
25) 2-Butanone	7.334	43	12330m	2.835	ug/l	
31) Cyclohexane	8.092	56	22254	2.318	ug/l #	35
40) Benzene	8.457	78	12123	0.440	ug/l	97
68) m/p-Xylenes	11.957	106	5930	0.418	ug/l	91
73) Isopropylbenzene	12.580	105	26427	0.804	ug/l	96
78) n-propylbenzene	12.916	91	30251	0.875	ug/l	99
83) tert-Butylbenzene	13.322	119	7434	0.312	ug/l	87
85) sec-Butylbenzene	13.498	105	34882	1.130	ug/l #	1
89) n-Butylbenzene	13.939	91	18989	1.040	ug/l #	72

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

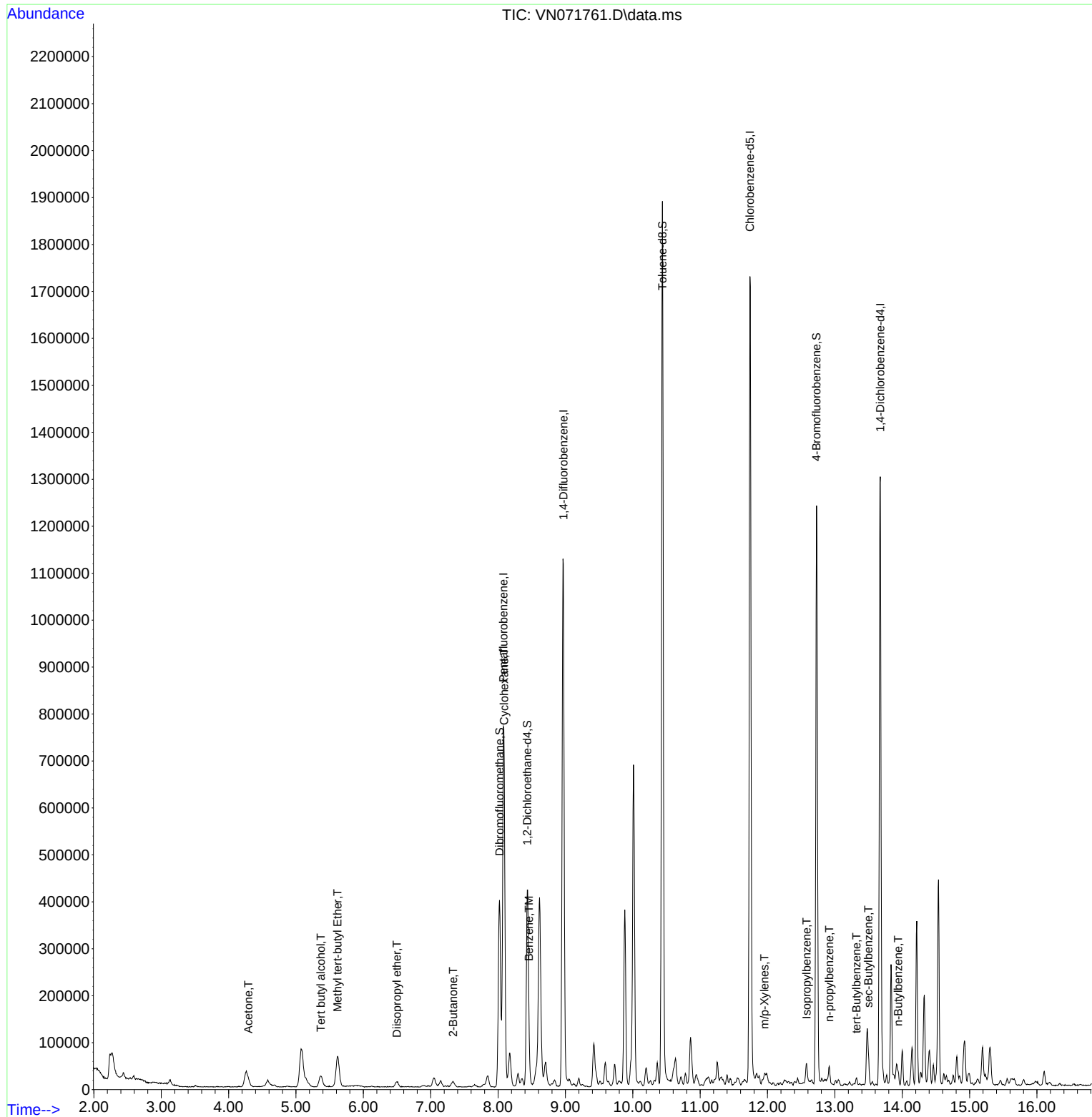
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071761.D
Acq On : 01 Apr 2022 18:32
Operator : JC\MD
Sample : N2090-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

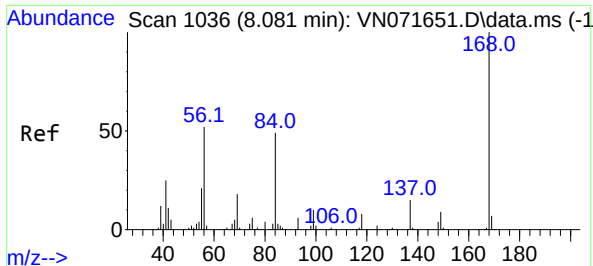
Instrument :
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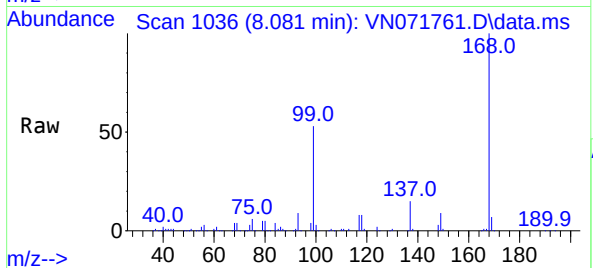
Quant Time: Apr 02 00:56:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

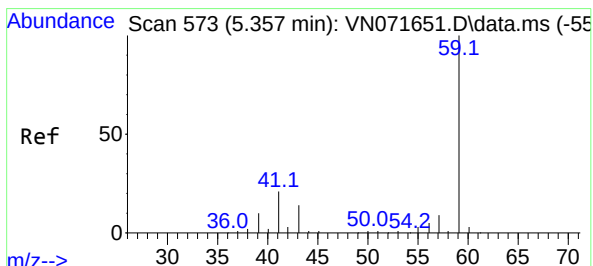
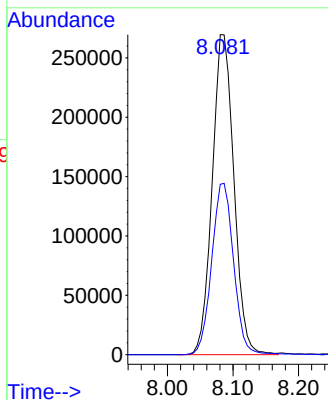
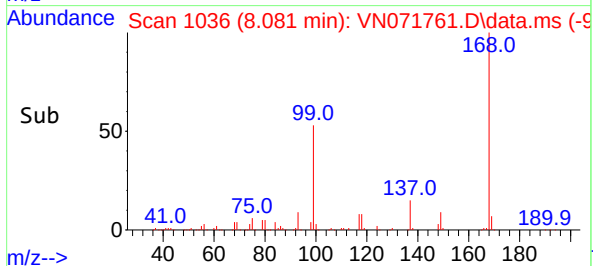
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion:168 Resp: 61826
Ion Ratio Lower Upper
168 100
99 53.3 42.3 63.5

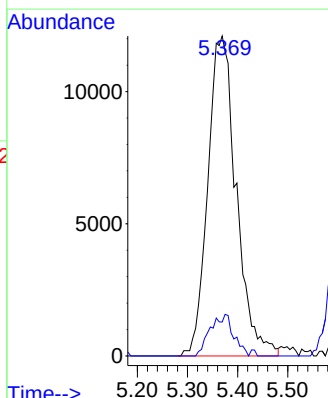
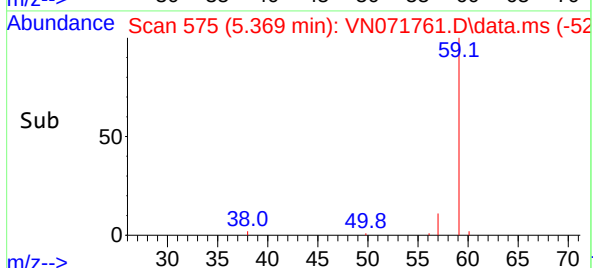
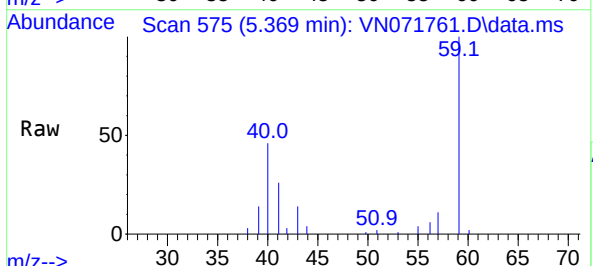
Manual Integrations
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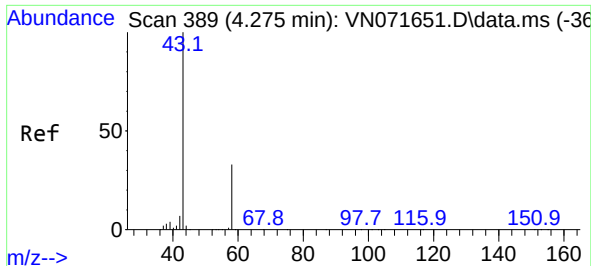
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#11
Tert butyl alcohol
Concen: 41.595 ug/l
RT: 5.369 min Scan# 575
Delta R.T. 0.012 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

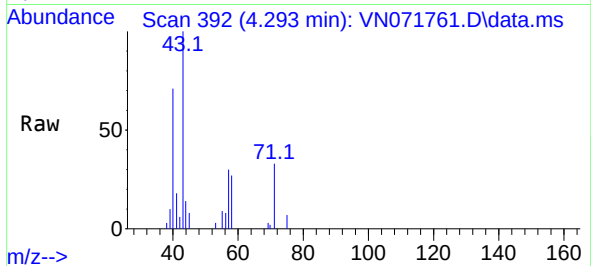
Tgt Ion: 59 Resp: 47645
Ion Ratio Lower Upper
59 100
57 10.7 8.3 12.5





#16
Acetone
Concen: 11.824 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

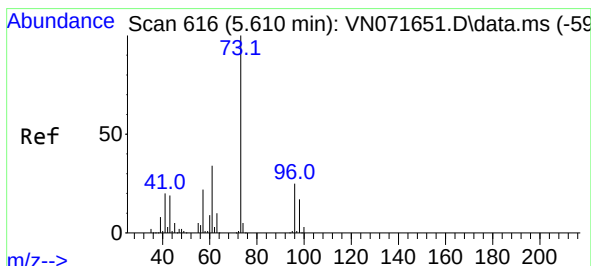
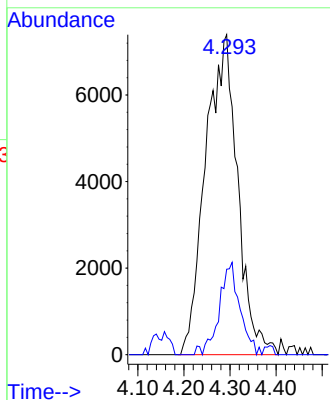
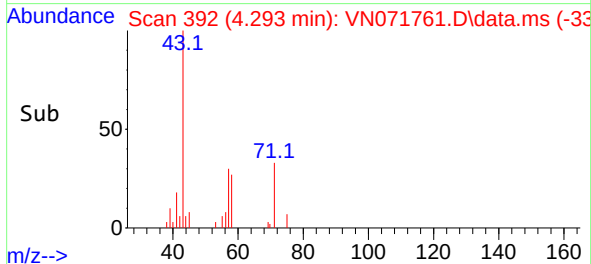
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion: 43 Resp: 3566
Ion Ratio Lower Upper
43 100
58 26.7 26.0 39.0

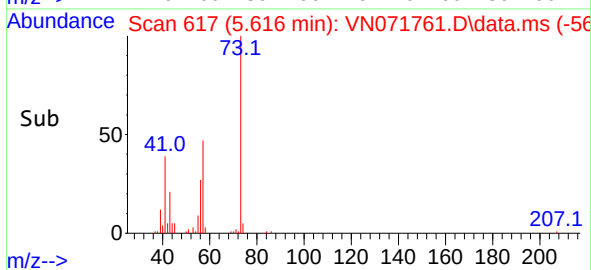
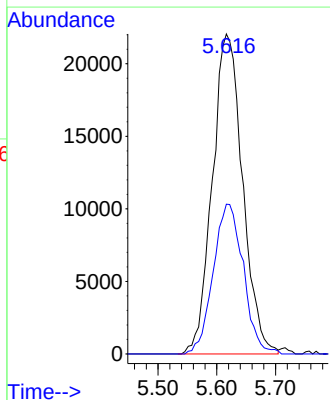
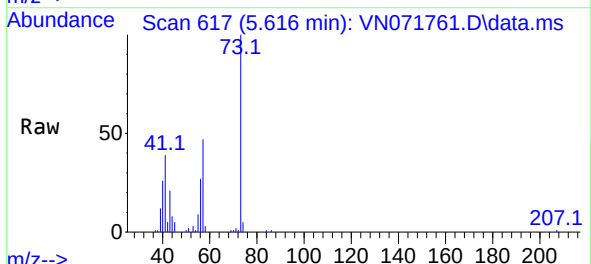
Manual Integrations
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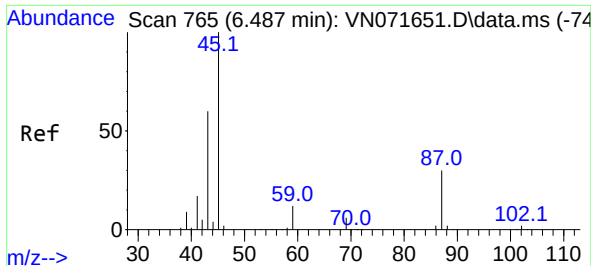
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#19
Methyl tert-butyl Ether
Concen: 4.155 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

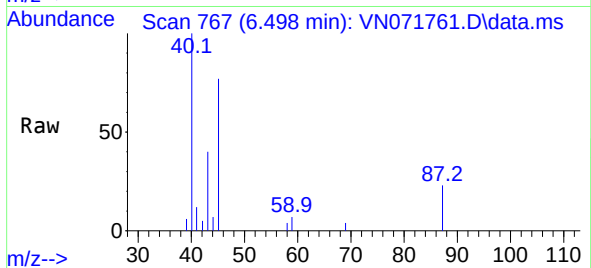
Tgt Ion: 73 Resp: 78764
Ion Ratio Lower Upper
73 100
57 46.8 17.6 26.4#





#22
Diisopropyl ether
Concen: 0.751 ug/l
RT: 6.498 min Scan# 70
Delta R.T. 0.011 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

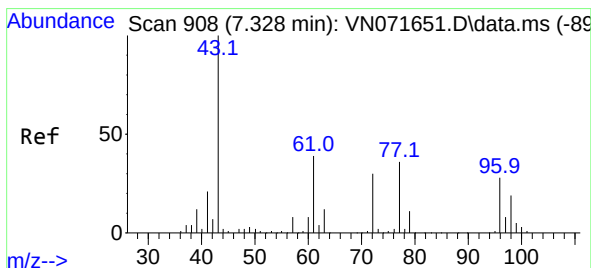
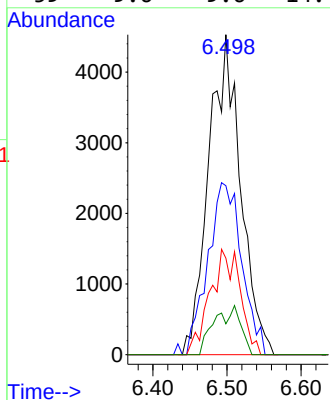
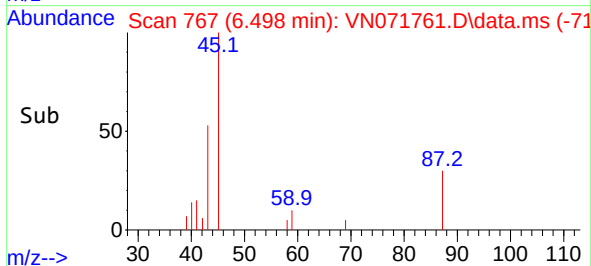
Instrument :
MSVOA_N
ClientSampleId :
MW-55



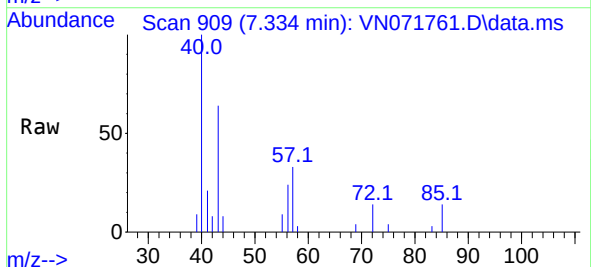
Tgt Ion: 45 Resp: 13540
Ion Ratio Lower Upper
45 100
43 52.8 46.6 70.0
87 30.1 24.3 36.5
59 9.6 9.6 14.4

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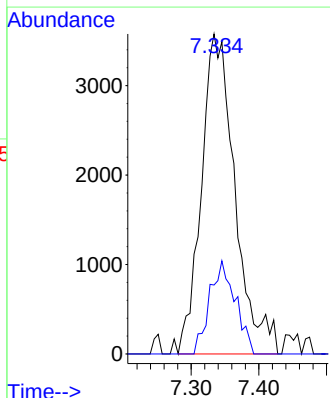
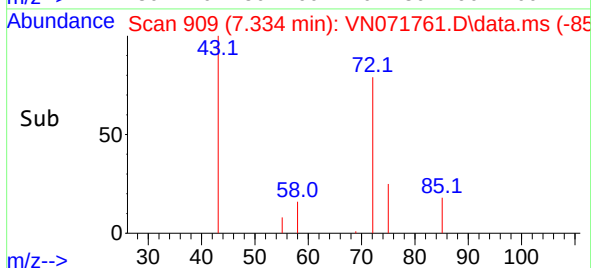
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

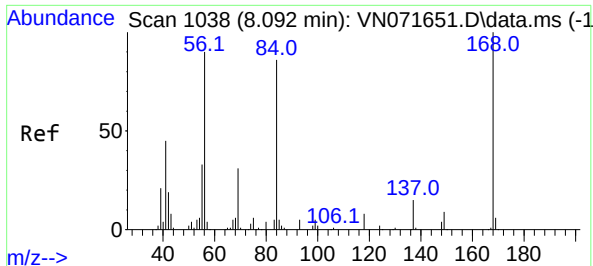


#25
2-Butanone
Concen: 2.835 ug/l m
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32



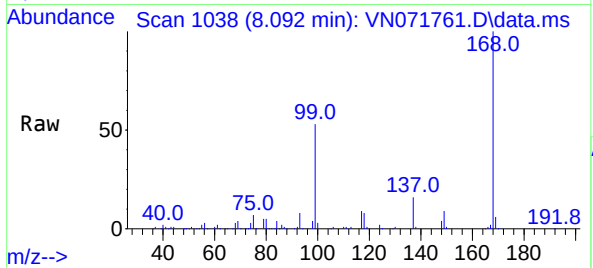
Tgt Ion: 43 Resp: 12330
Ion Ratio Lower Upper
43 100
72 21.6 23.7 35.5#





#31
Cyclohexane
Concen: 2.318 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

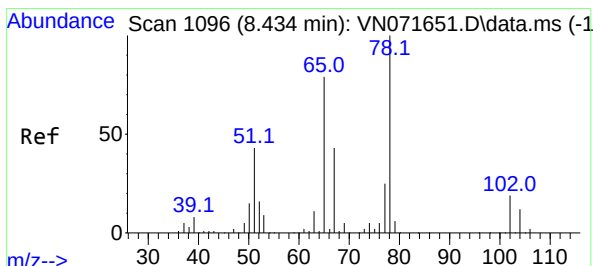
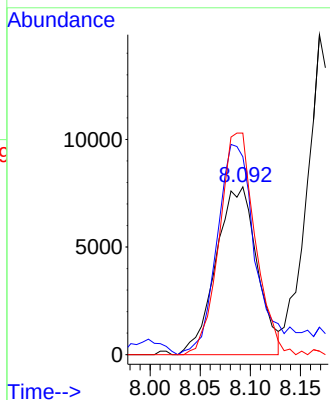
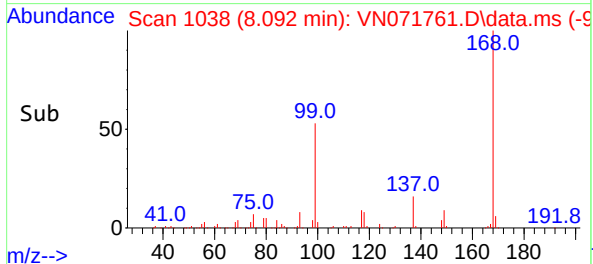
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion: 56 Resp: 22254
Ion Ratio Lower Upper
56 100
69 117.9 27.8 41.8
84 132.0 76.9 115.3

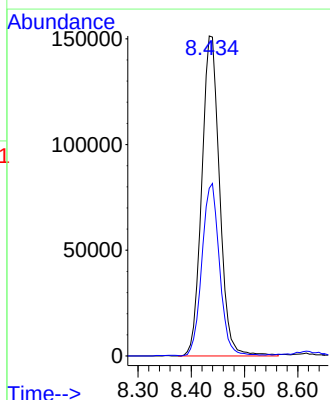
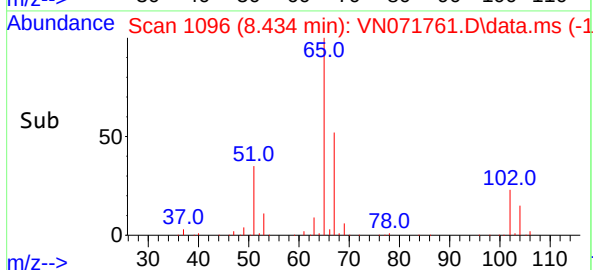
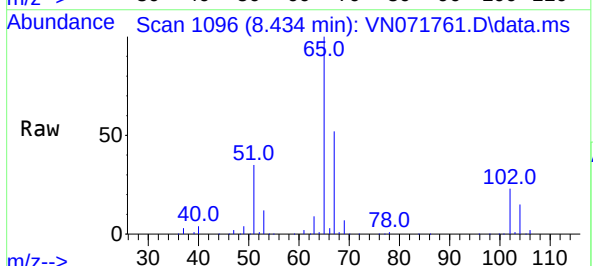
Manual Integrations
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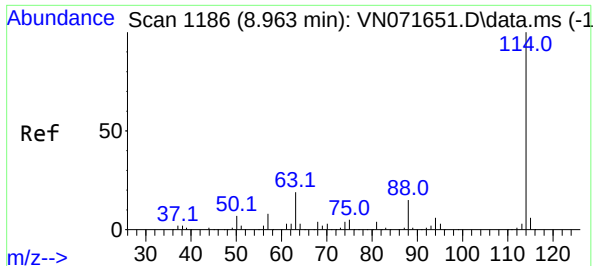
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#33
1,2-Dichloroethane-d4
Concen: 49.951 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Tgt Ion: 65 Resp: 352568
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071761.D

Acq: 01 Apr 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-55

Tgt Ion:114 Resp: 106178

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

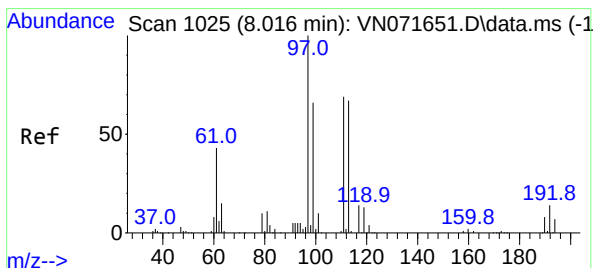
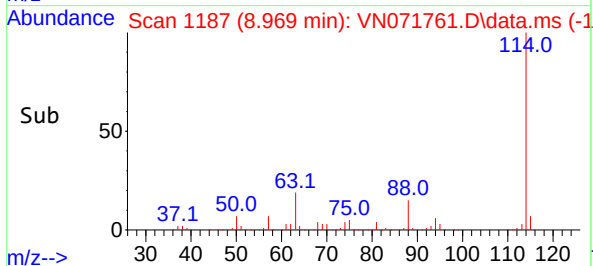
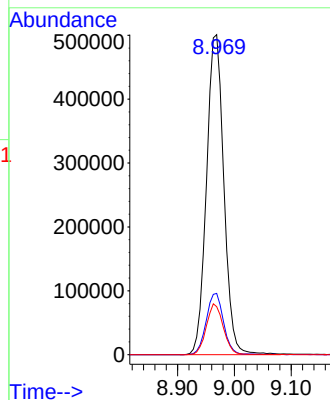
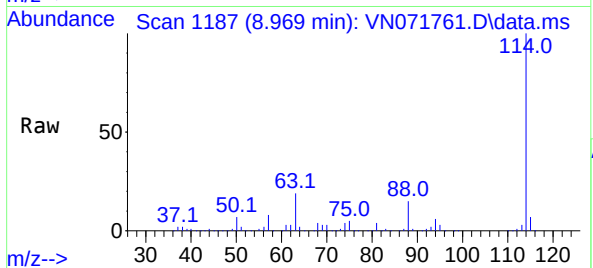
88 15.0 0.0 32.6

Manual Integrations

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Reviewed By :John Carlone 04/02/2022

Supervised By :Mahesh Dadoda 04/02/2022



#35

Dibromofluoromethane

Concen: 48.337 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071761.D

Acq: 01 Apr 2022 18:32

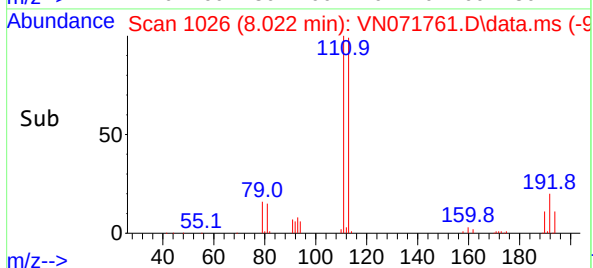
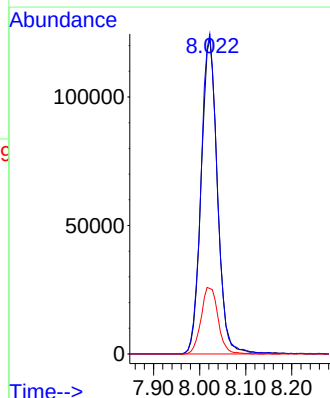
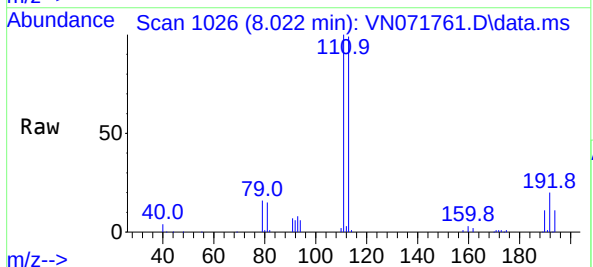
Tgt Ion:113 Resp: 302008

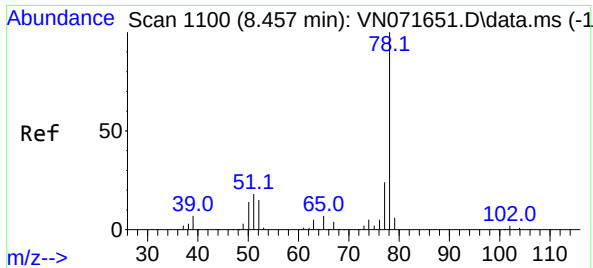
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 22.1 17.0 25.6





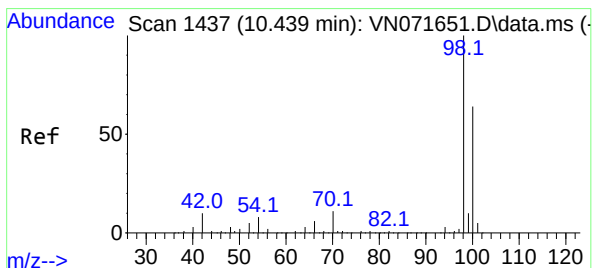
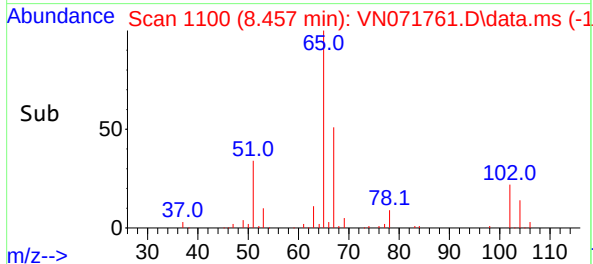
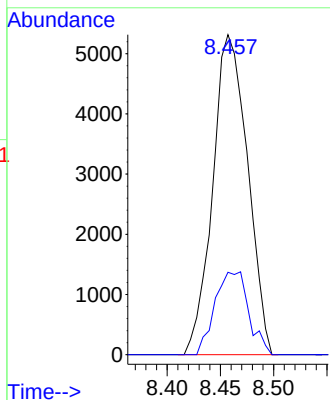
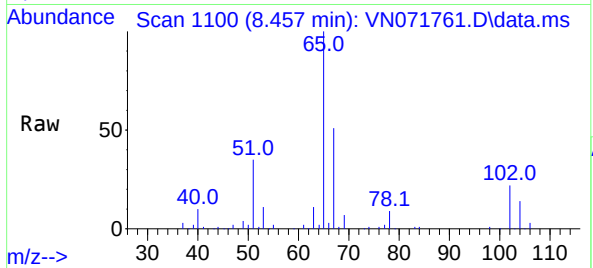
#40
Benzene
Concen: 0.440 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MW-55

Tgt Ion: 78 Resp: 1212
Ion Ratio Lower Upper
78 100
77 25.8 19.4 29.0

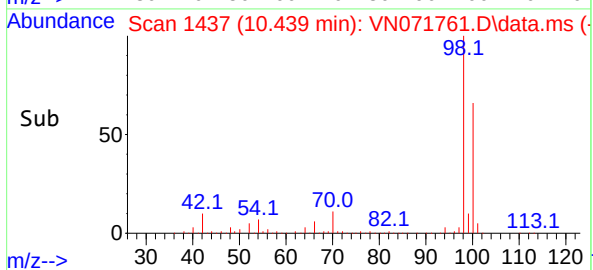
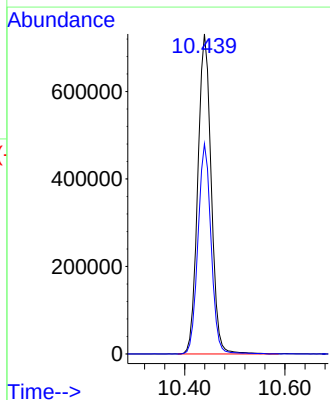
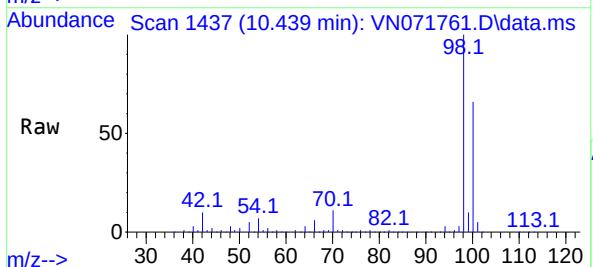
Manual Integrations
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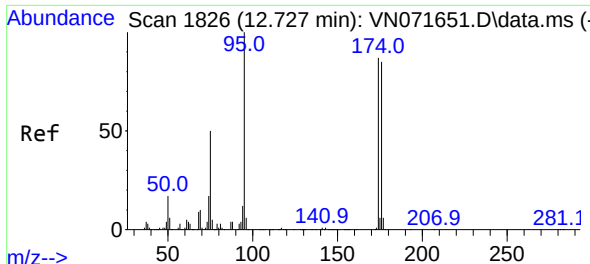
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#50
Toluene-d8
Concen: 52.972 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

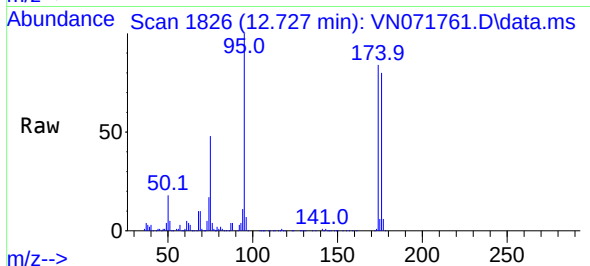
Tgt Ion: 98 Resp: 1353916
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#62
4-Bromofluorobenzene
Concen: 53.050 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

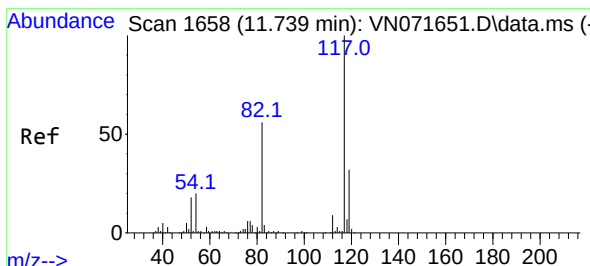
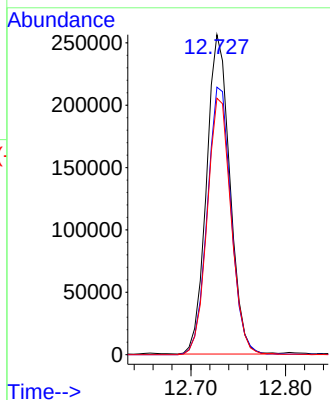
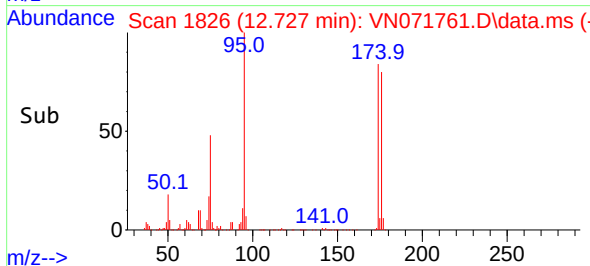
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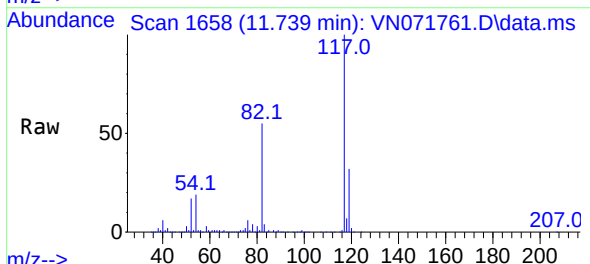
Tgt Ion: 95 Resp: 438519
Ion Ratio Lower Upper
95 100
174 85.4 0.0 167.6
176 82.1 0.0 163.4

Manual Integrations
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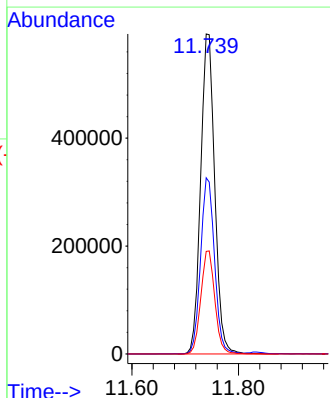
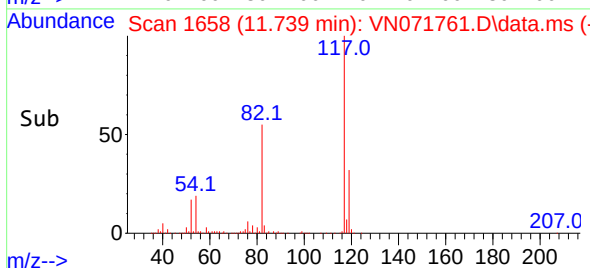
Reviewed By :John Carlone 04/02/2022
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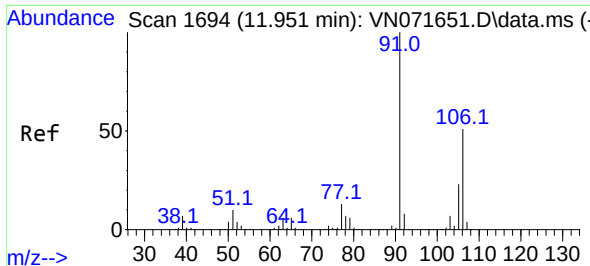


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32



Tgt Ion:117 Resp: 1088223
Ion Ratio Lower Upper
117 100
82 55.0 44.2 66.2
119 32.1 25.4 38.0





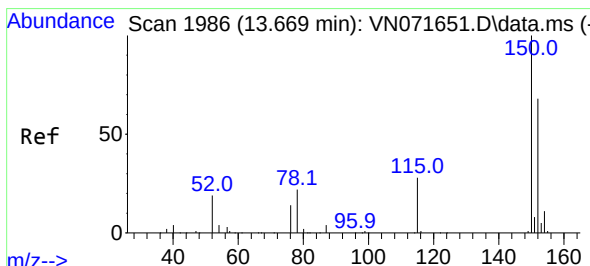
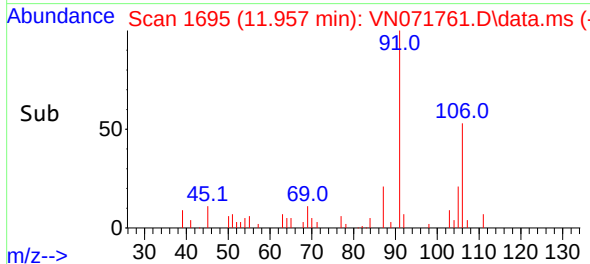
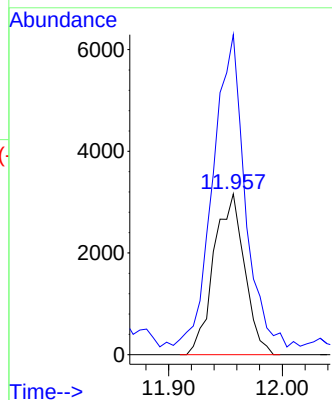
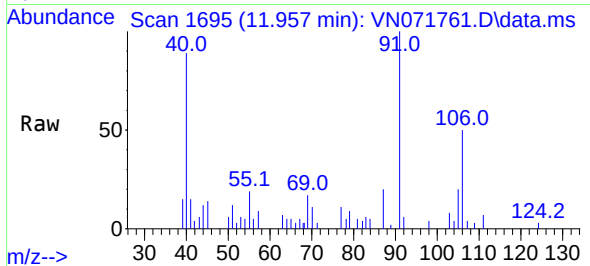
#68
m/p-Xylenes
Concen: 0.418 ug/l
RT: 11.957 min Scan# 106
Delta R.T. 0.006 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MW-55

Tgt Ion:106 Resp: 5930
Ion Ratio Lower Upper
106 100
91 211.8 158.9 238.3

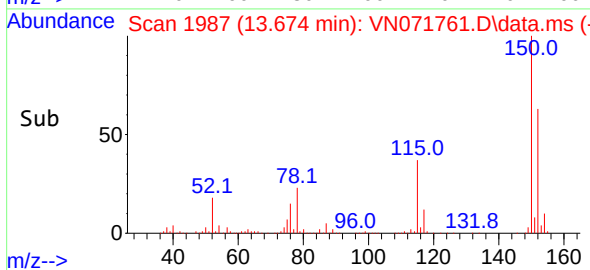
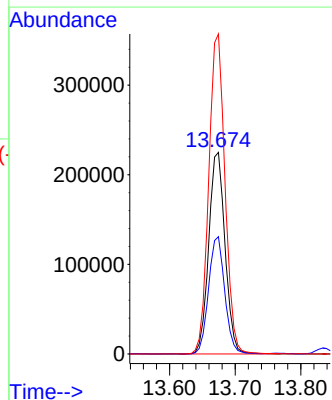
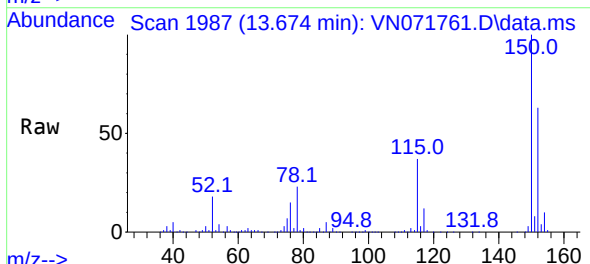
Manual Integrations
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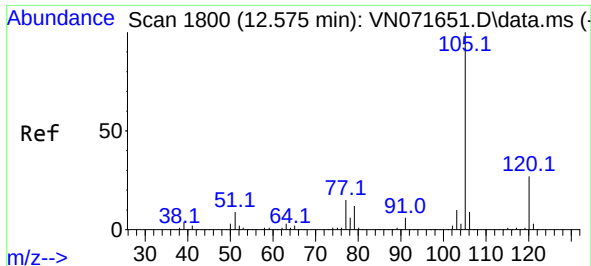
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Tgt Ion:152 Resp: 390131
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 157.9 0.0 356.2





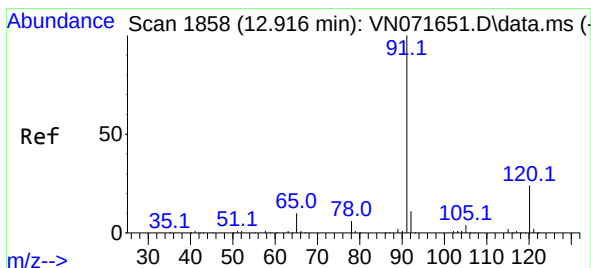
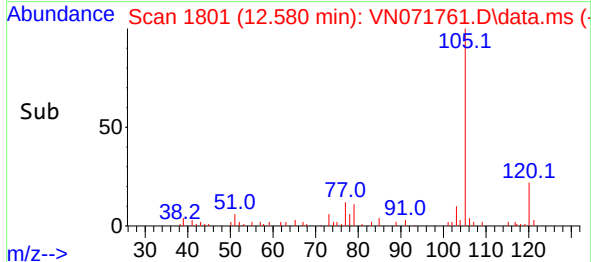
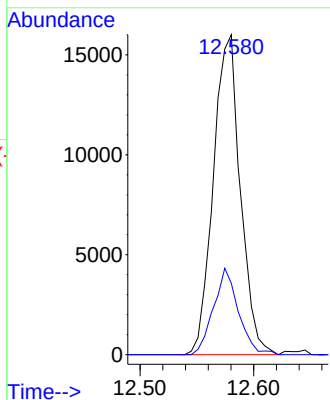
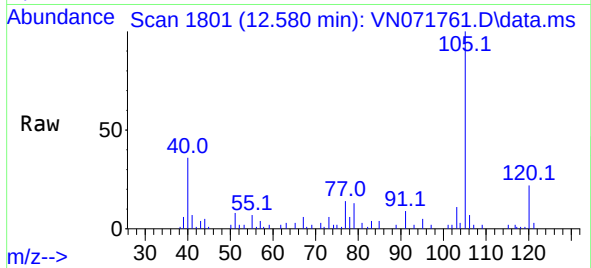
#73
Isopropylbenzene
Concen: 0.804 ug/l
RT: 12.580 min Scan# 1800
Delta R.T. 0.005 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Instrument :
MSVOA_N
ClientSampleId :
MW-55

Tgt Ion:105 Resp: 2642
Ion Ratio Lower Upper
105 100
120 25.0 13.5 40.4

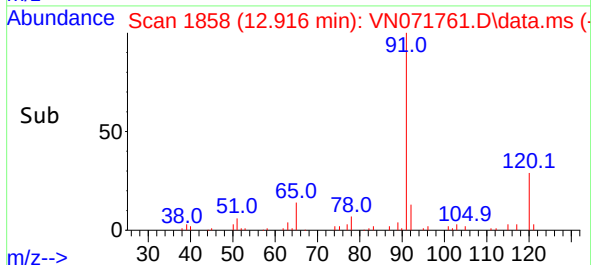
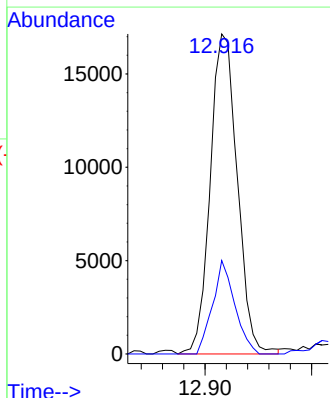
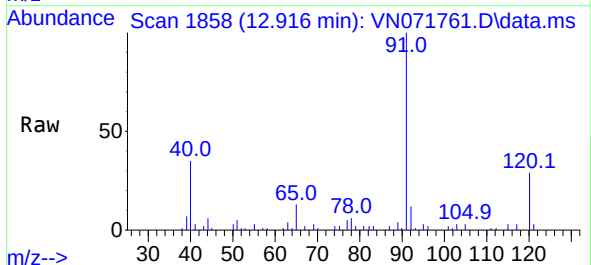
Manual Integrations
APPROVED

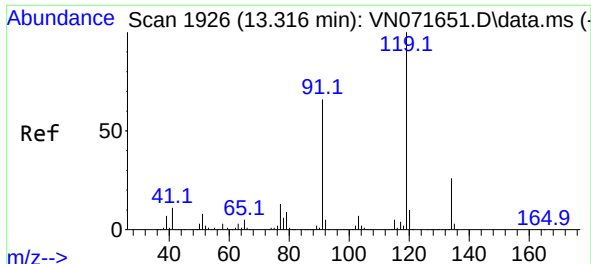
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#78
n-propylbenzene
Concen: 0.875 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

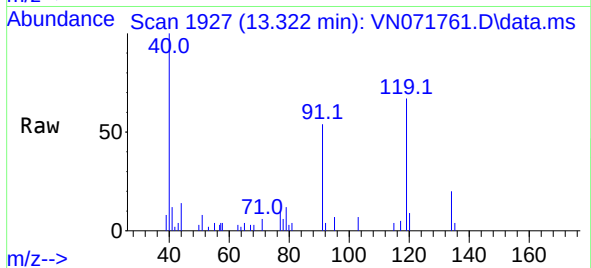
Tgt Ion: 91 Resp: 30251
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#83
tert-Butylbenzene
Concen: 0.312 ug/l
RT: 13.322 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

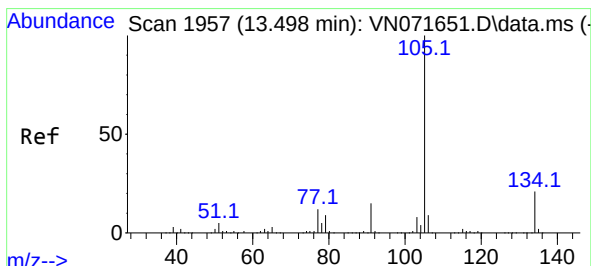
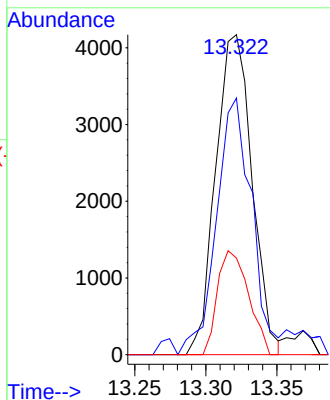
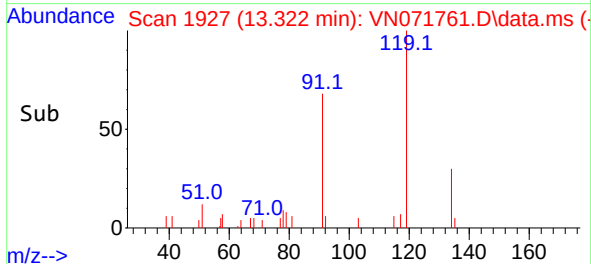
Instrument :
MSVOA_N
ClientSampleId :
MW-55



Tgt Ion:119 Resp: 7434
Ion Ratio Lower Upper
119 100
91 77.3 31.6 94.8
134 27.8 13.7 41.1

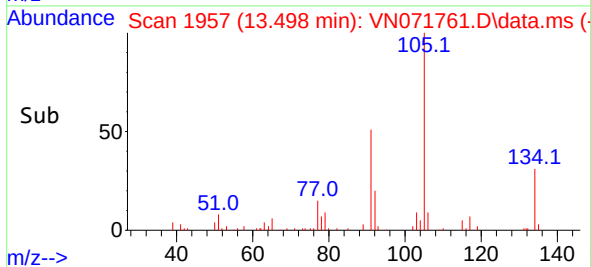
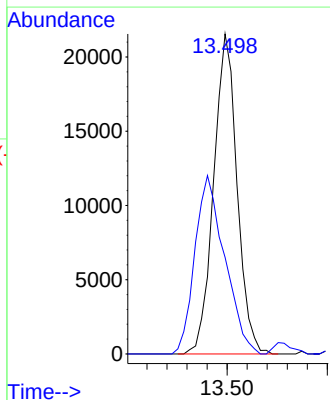
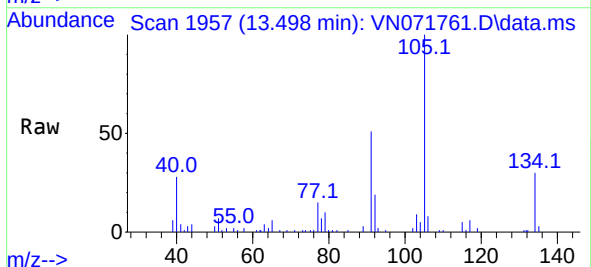
Manual Integrations
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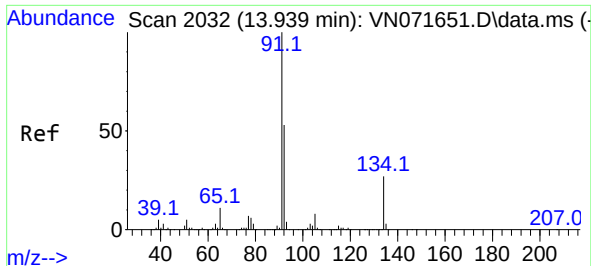
Reviewed By :John Carbone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#85
sec-Butylbenzene
Concen: 1.130 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071761.D
Acq: 01 Apr 2022 18:32

Tgt Ion:105 Resp: 34882
Ion Ratio Lower Upper
105 100
134 71.2 10.4 31.1#





#89

n-Butylbenzene

Concen: 1.040 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN071761.D

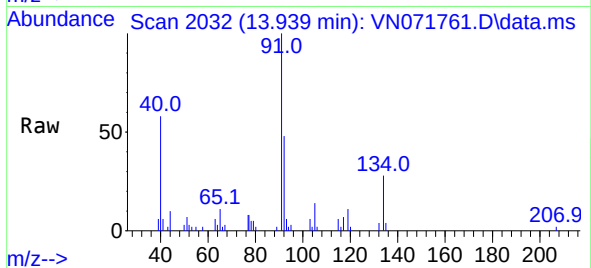
Acq: 01 Apr 2022 18:32

Instrument :

MSVOA_N

ClientSampleId :

MW-55



Tgt Ion:	91	Resp:	1898
Ion Ratio	Lower	Upper	
91	100		
92	43.8	26.9	80.7
134	56.6	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/02/2022

Supervised By :Mahesh Dadoda 04/02/2022

