

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
 Data File : VN071756.D
 Acq On : 01 Apr 2022 16:31
 Operator : JC\MD
 Sample : N2090-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-50

Manual Integrations
 APPROVED

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

Quant Time: Apr 02 00:55:25 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	8.086	168	690804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1158677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1179652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	458512	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	383286	48.601	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.200%		
35) Dibromofluoromethane	8.022	113	331254	48.584	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.160%		
50) Toluene-d8	10.439	98	1463591	52.474	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.940%		
62) 4-Bromofluorobenzene	12.727	95	513964	56.977	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	113.960%		
Target Compounds					Qvalue	
20) Methylene Chloride	5.075	84	10637m	1.497	ug/l	
22) Diisopropyl ether	6.487	45	8007	0.397	ug/l #	86
25) 2-Butanone	7.339	43	16421	3.380	ug/l #	74
31) Cyclohexane	8.092	56	57086	5.323	ug/l #	76
40) Benzene	8.457	78	886636	29.479	ug/l	100
52) Toluene	10.498	92	14818	0.779	ug/l	91
67) Ethyl Benzene	11.839	91	349253	8.734	ug/l	98
68) m/p-Xylenes	11.951	106	9116	0.593	ug/l	98
73) Isopropylbenzene	12.574	105	341217	8.831	ug/l	99
78) n-propylbenzene	12.916	91	406083	9.991	ug/l	100
83) tert-Butylbenzene	13.315	119	9545	0.341	ug/l	84
85) sec-Butylbenzene	13.498	105	36599	1.009	ug/l #	15

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

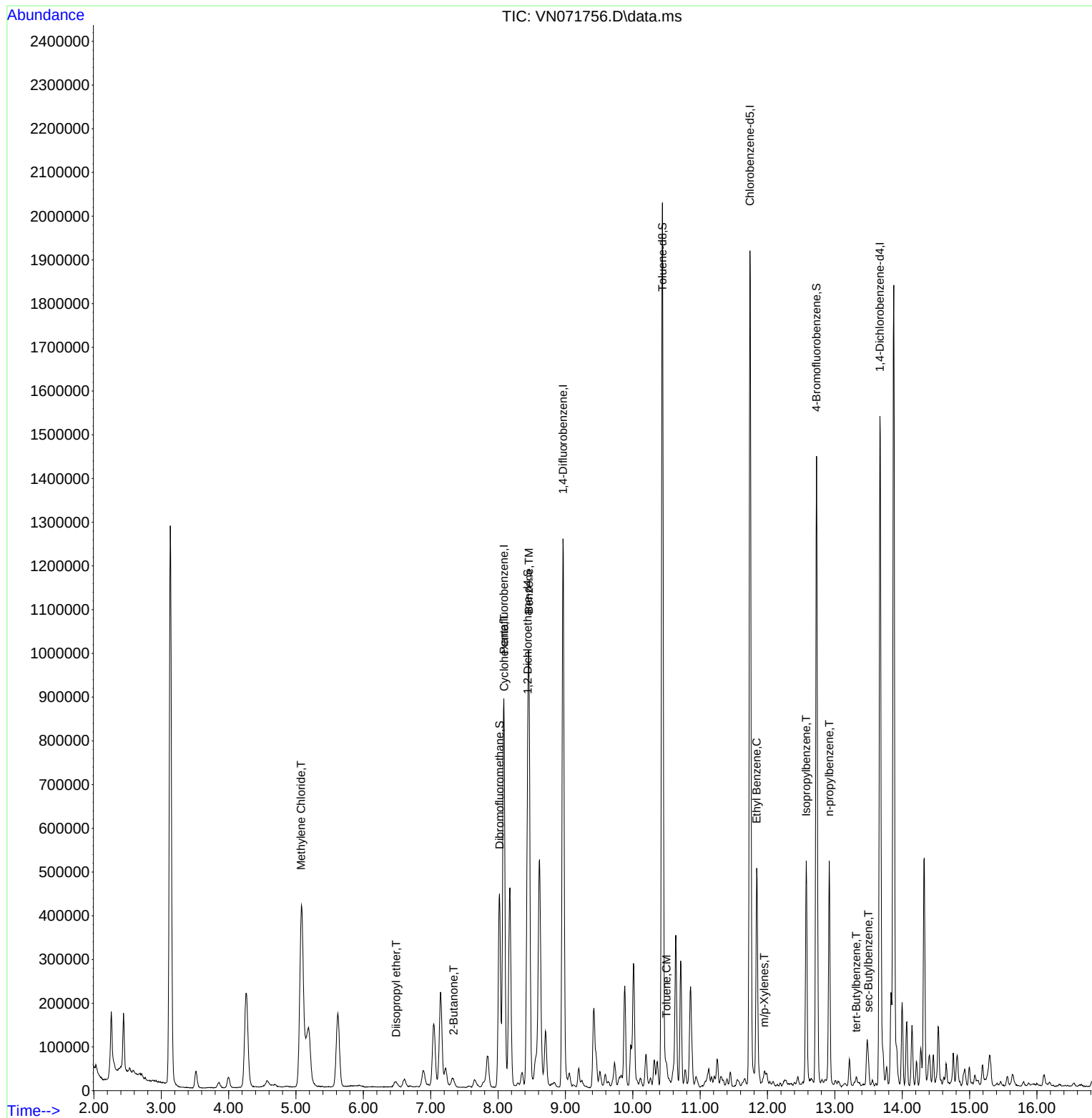
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040122\
Data File : VN071756.D
Acq On : 01 Apr 2022 16:31
Operator : JC\MD
Sample : N2090-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

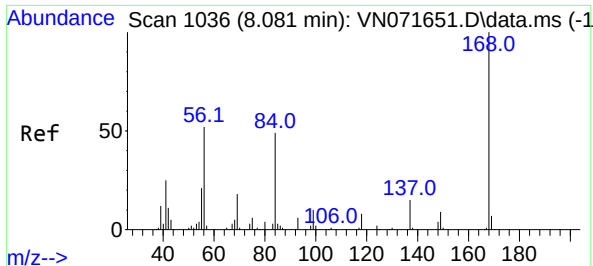
Instrument :
MSVOA_N
ClientSampleId :
MW-50

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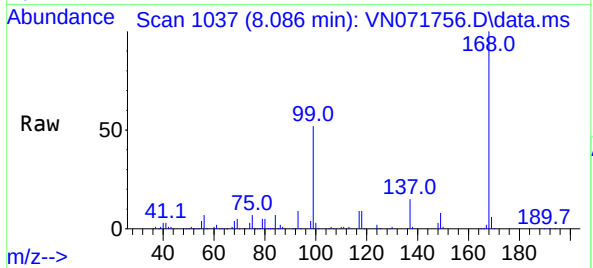
Quant Time: Apr 02 00:55:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

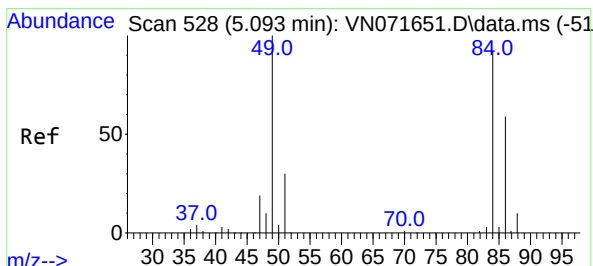
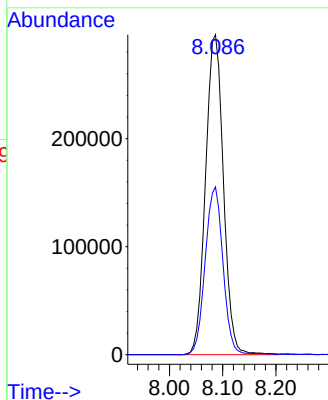
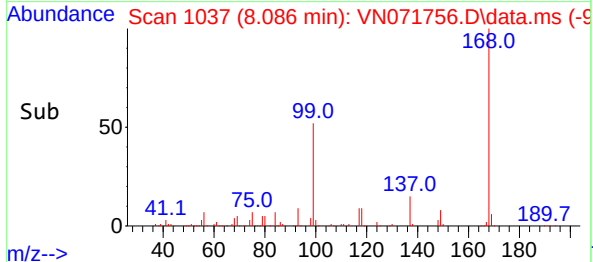
Instrument :
MSVOA_N
ClientSampleId :
MW-50



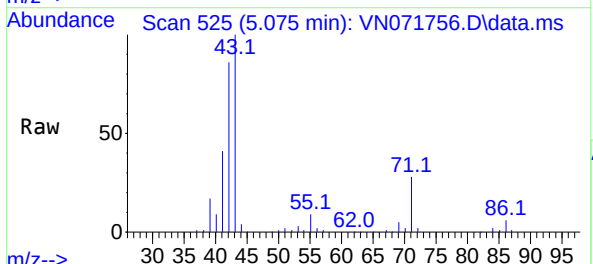
Tgt Ion:168 Resp: 690804
Ion Ratio Lower Upper
168 100
99 52.5 42.3 63.5

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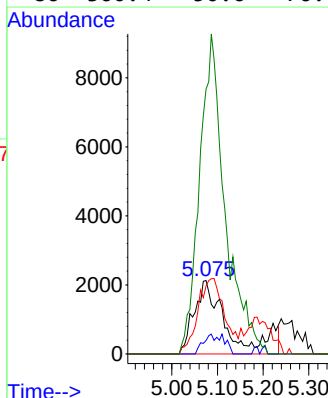
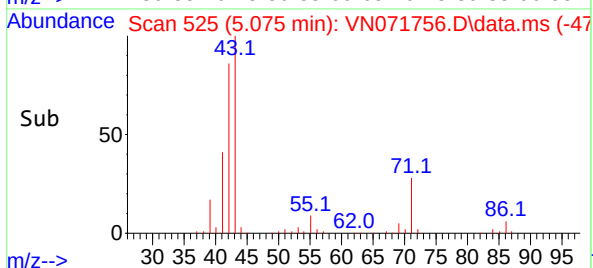
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

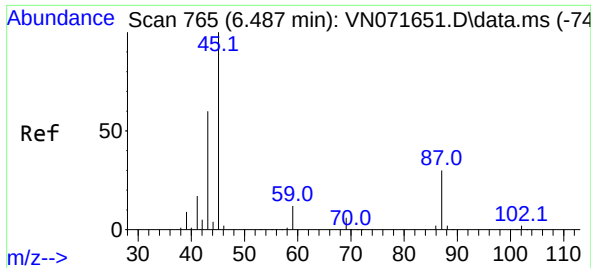


#20
Methylene Chloride
Concen: 1.497 ug/l m
RT: 5.075 min Scan# 525
Delta R.T. -0.018 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31



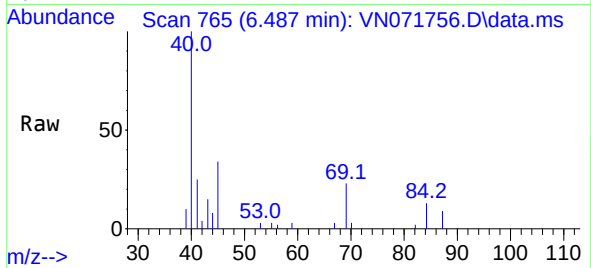
Tgt Ion: 84 Resp: 10637
Ion Ratio Lower Upper
84 100
49 18.3 88.3 132.5#
51 92.7 28.2 42.2#
86 360.4 50.6 76.0#





#22
Diisopropyl ether
Concen: 0.397 ug/l
RT: 6.487 min Scan# 701
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

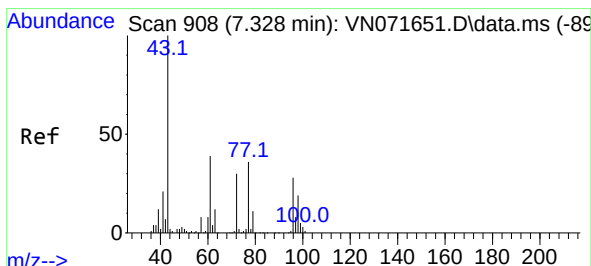
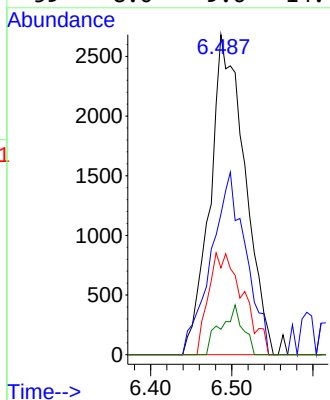
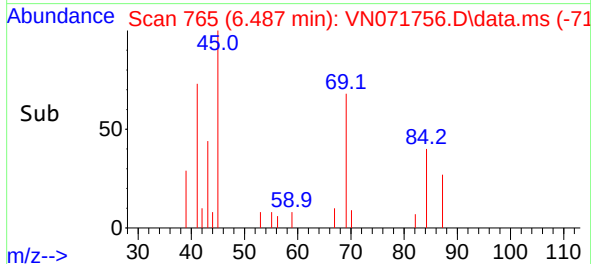
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion: 45 Resp: 800
Ion Ratio Lower Upper
45 100
43 43.9 46.6 70.0
87 27.1 24.3 36.5
59 8.0 9.6 14.4#

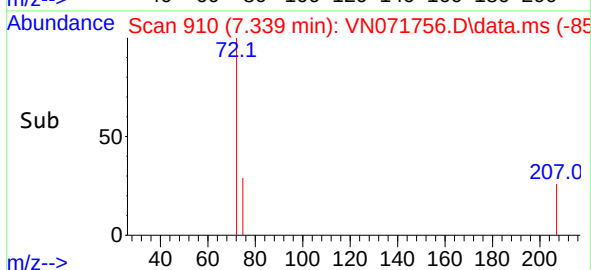
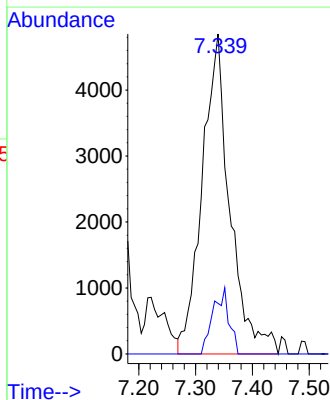
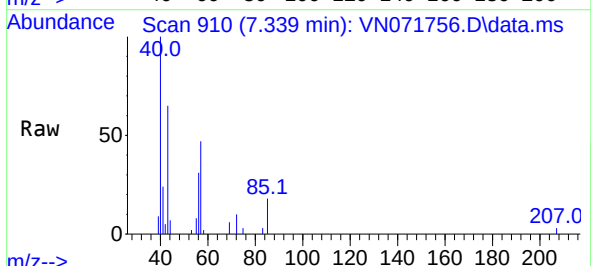
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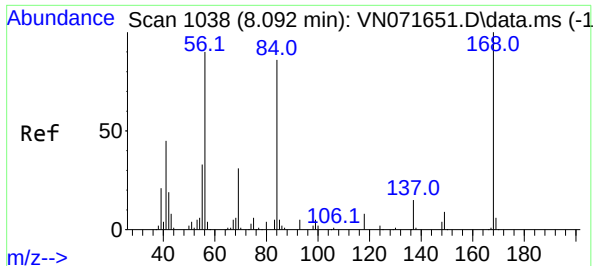
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#25
2-Butanone
Concen: 3.380 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

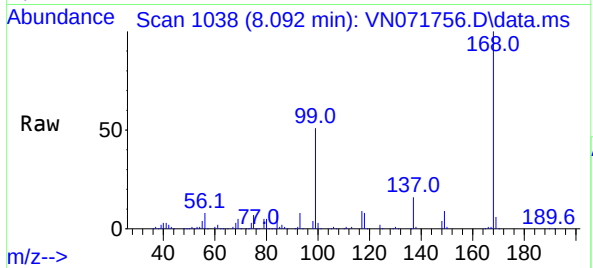
Tgt Ion: 43 Resp: 16421
Ion Ratio Lower Upper
43 100
72 15.8 23.7 35.5#





#31
Cyclohexane
Concen: 5.323 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

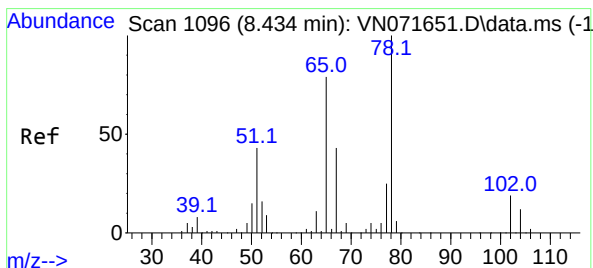
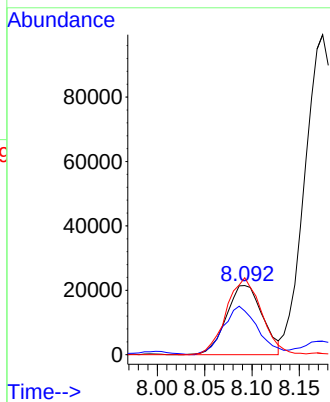
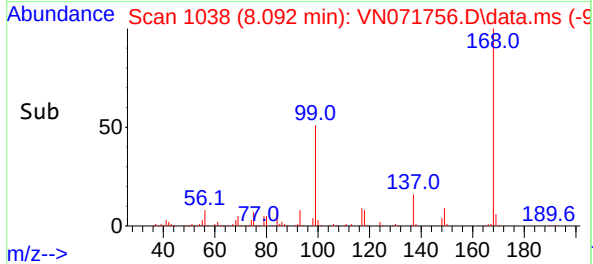
Instrument :
MSVOA_N
ClientSampleId :
MW-50



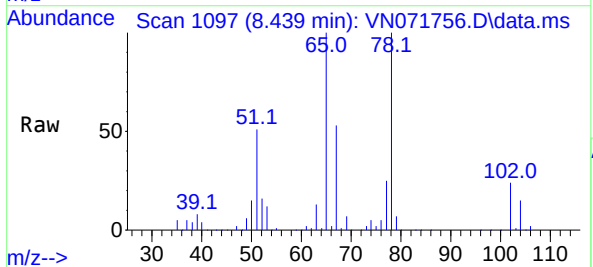
Tgt Ion: 56 Resp: 57086
Ion Ratio Lower Upper
56 100
69 61.5 27.8 41.8
84 111.3 76.9 115.3

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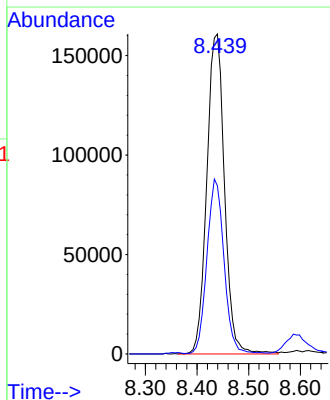
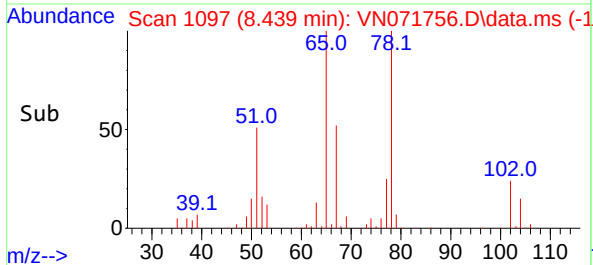
Reviewed By :John Carlone 04/02/2022
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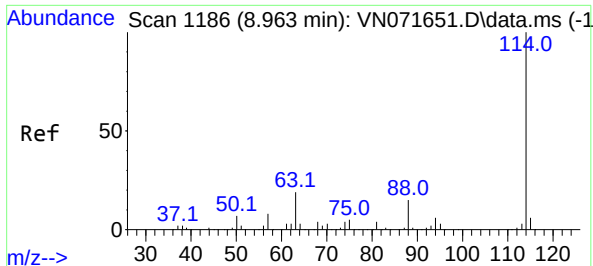


#33
1,2-Dichloroethane-d4
Concen: 48.601 ug/l
RT: 8.439 min Scan# 1097
Delta R.T. 0.005 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31



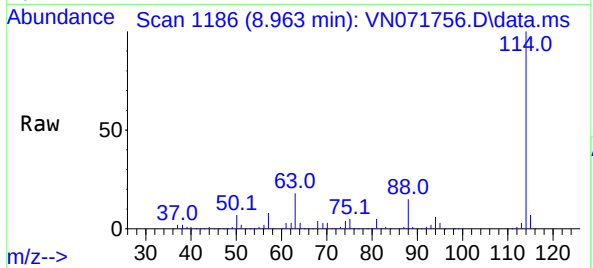
Tgt Ion: 65 Resp: 383286
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

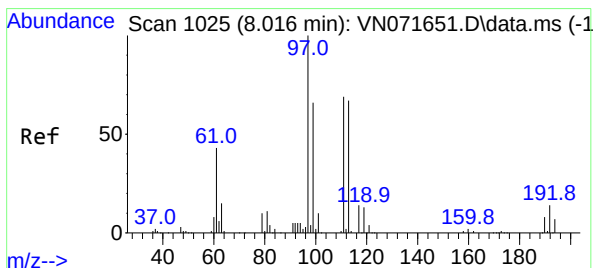
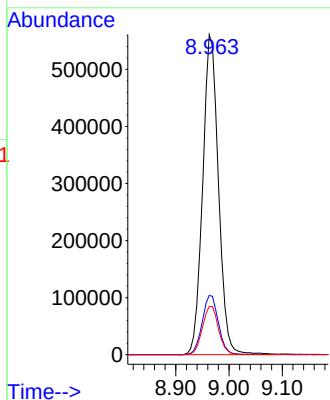
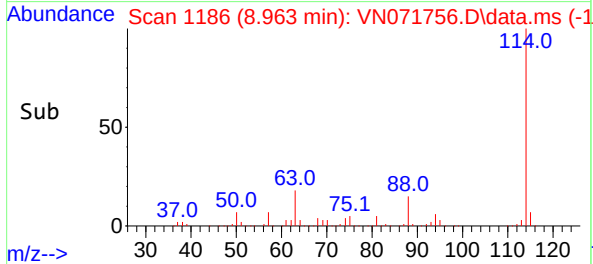
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion:114 Resp: 115867
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.1 0.0 32.6

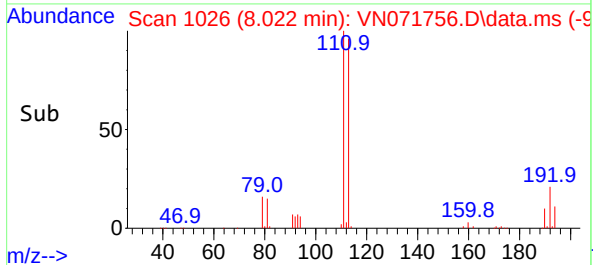
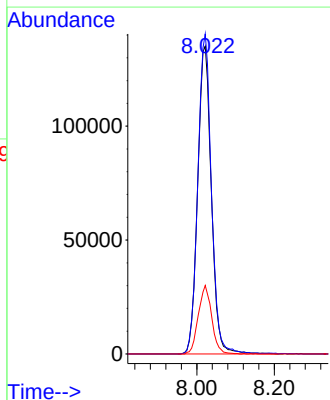
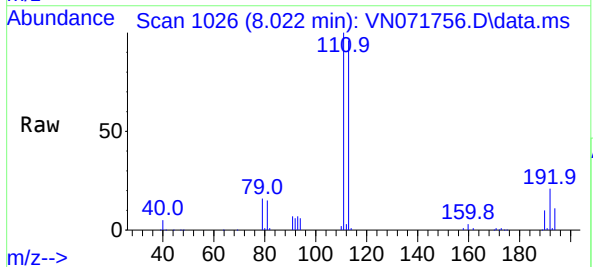
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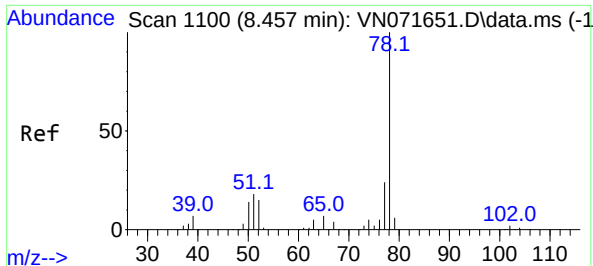
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#35
Dibromofluoromethane
Concen: 48.584 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

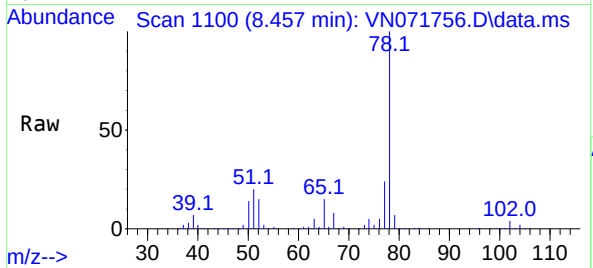
Tgt Ion:113 Resp: 331254
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.7 17.0 25.6





#40
Benzene
Concen: 29.479 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

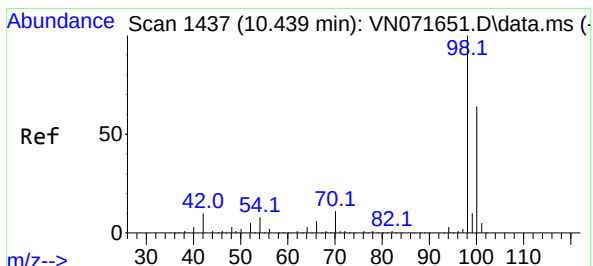
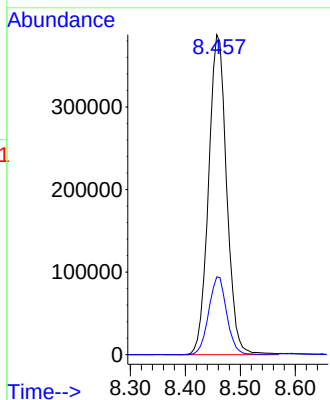
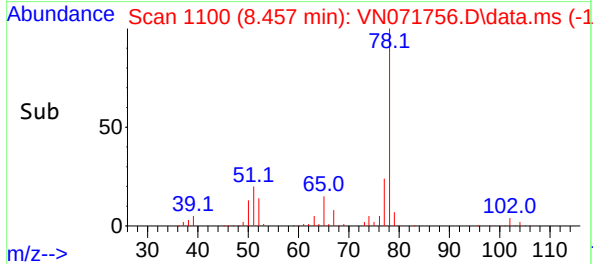
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion: 78 Resp: 886630
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

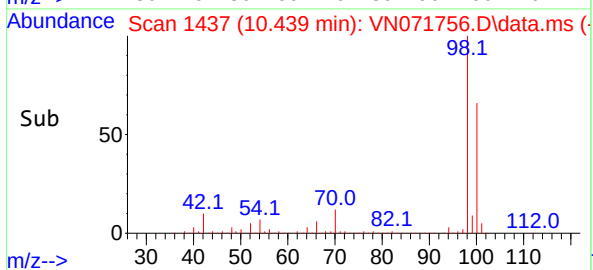
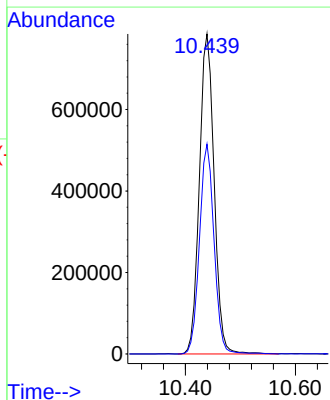
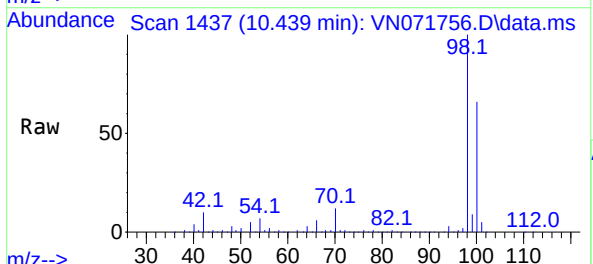
Manual Integrations
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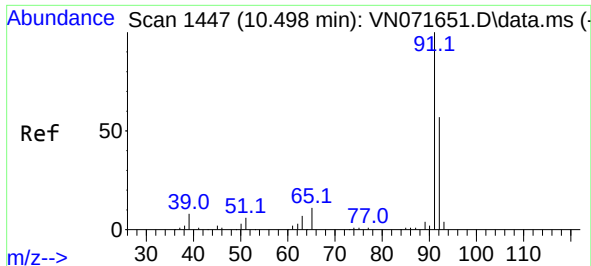
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#50
Toluene-d8
Concen: 52.474 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

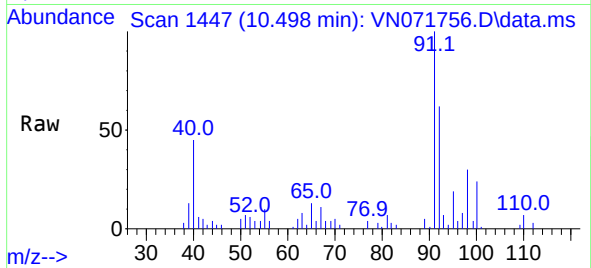
Tgt Ion: 98 Resp: 1463591
Ion Ratio Lower Upper
98 100
100 64.9 52.6 78.8





#52
Toluene
Concen: 0.779 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

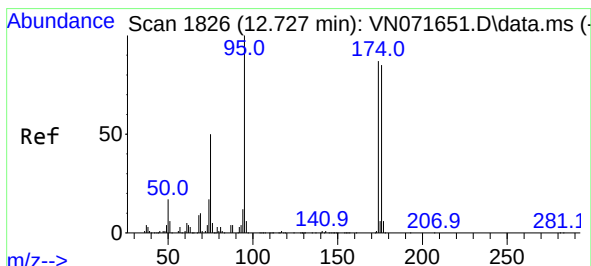
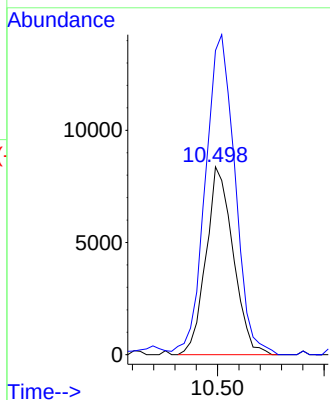
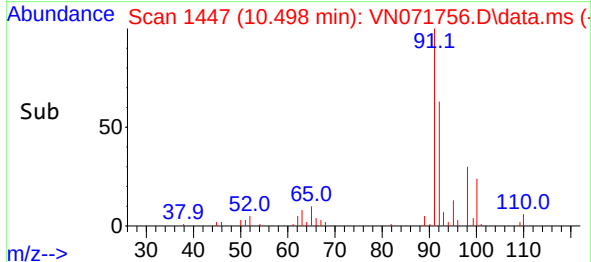
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MW-50



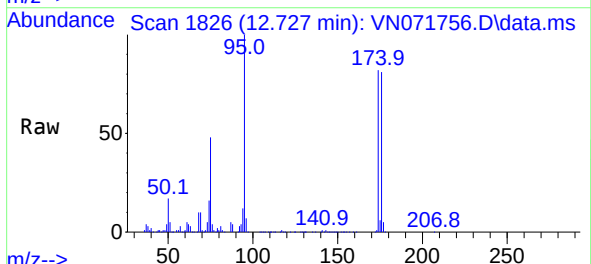
Tgt Ion: 92 Resp: 14818
Ion Ratio Lower Upper
92 100
91 185.2 138.6 207.8

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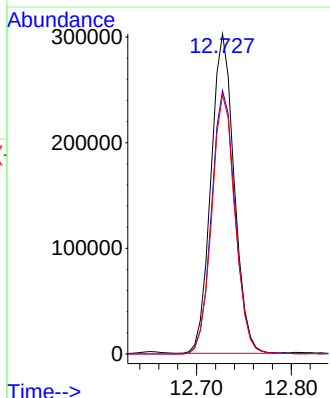
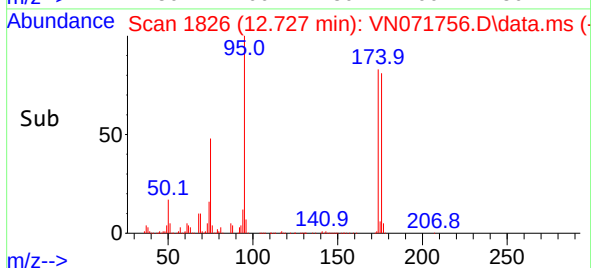
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022

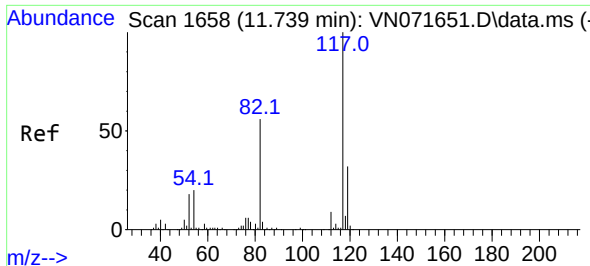


#62
4-Bromofluorobenzene
Concen: 56.977 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31



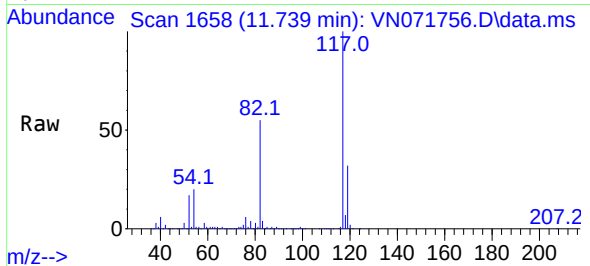
Tgt Ion: 95 Resp: 513964
Ion Ratio Lower Upper
95 100
174 84.0 0.0 167.6
176 81.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

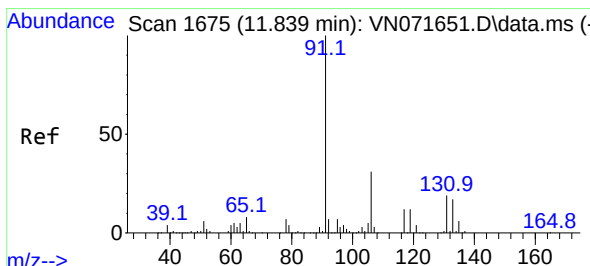
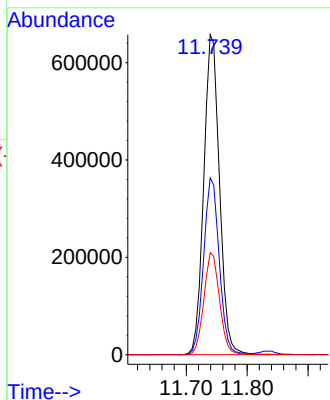
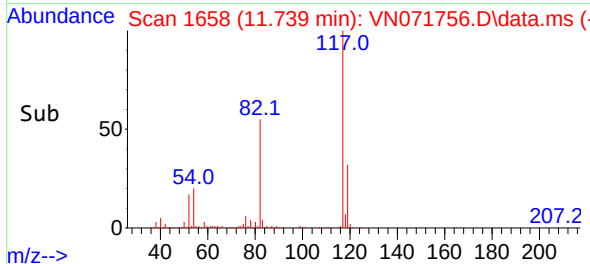
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion: 117 Resp: 1179652
Ion Ratio Lower Upper
117 100
82 55.2 44.2 66.2
119 31.9 25.4 38.0

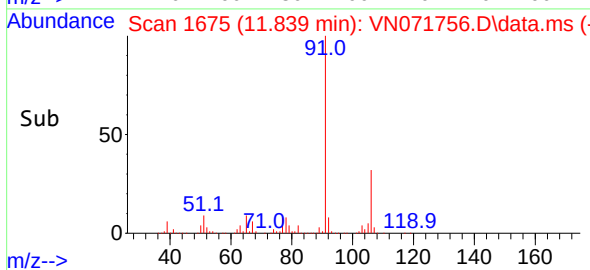
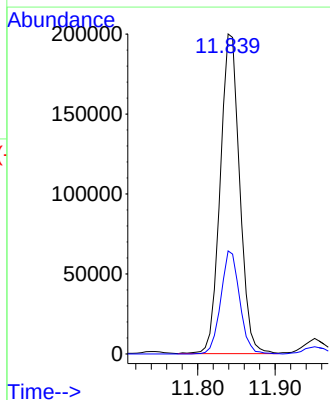
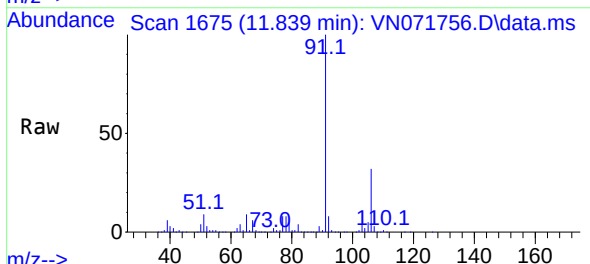
Manual Integrations
APPROVED

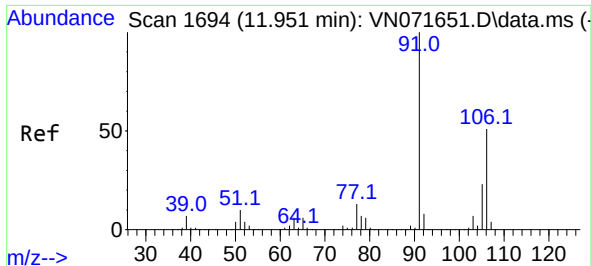
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#67
Ethyl Benzene
Concen: 8.734 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

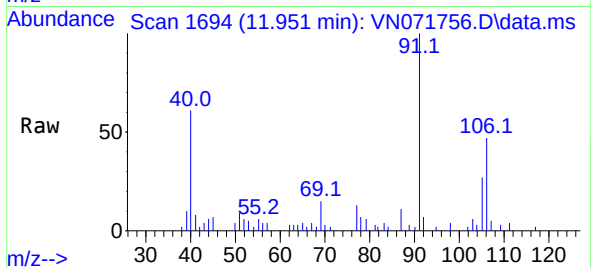
Tgt Ion: 91 Resp: 349253
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3





#68
m/p-Xylenes
Concen: 0.593 ug/l
RT: 11.951 min Scan# 106
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

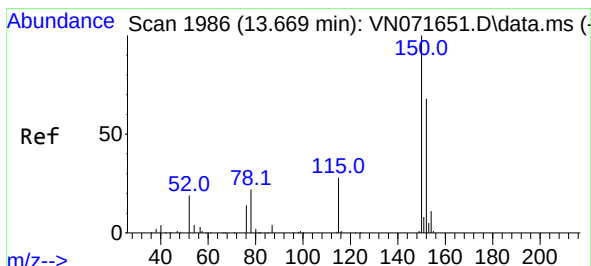
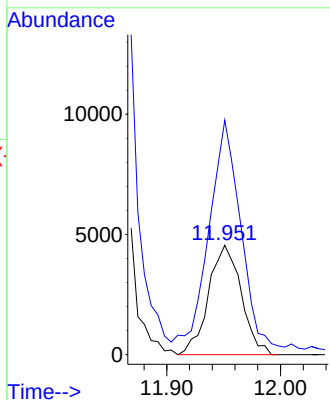
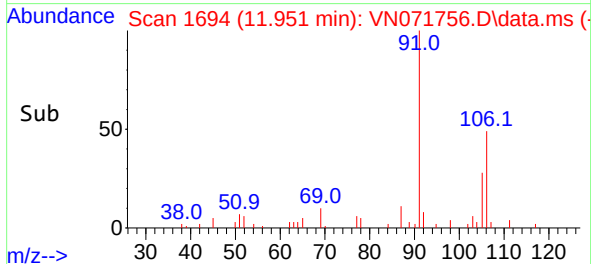
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion:106 Resp: 9110
Ion Ratio Lower Upper
106 100
91 202.3 158.9 238.3

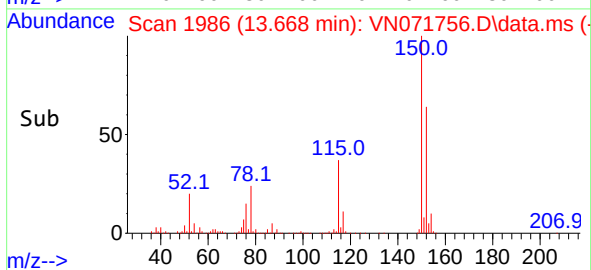
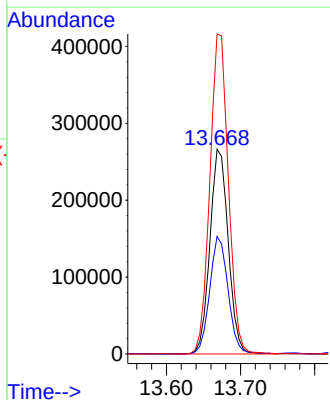
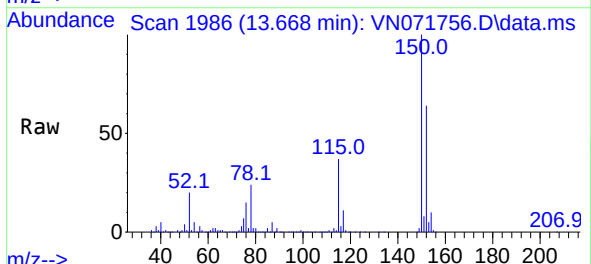
Manual Integrations
APPROVED

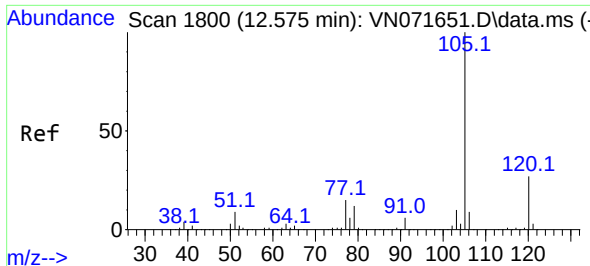
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

Tgt Ion:152 Resp: 458512
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 157.5 0.0 356.2





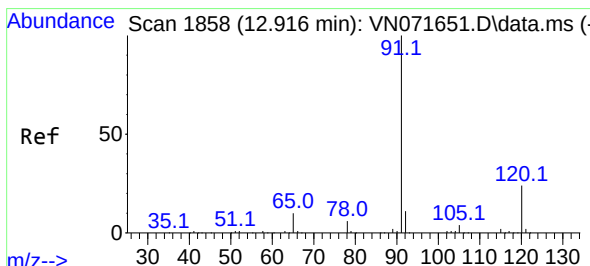
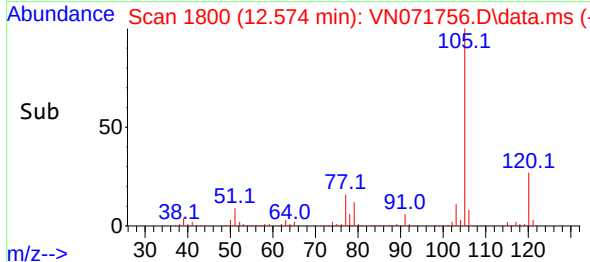
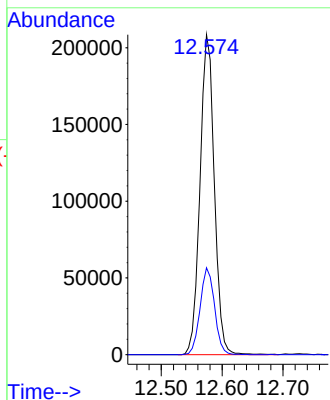
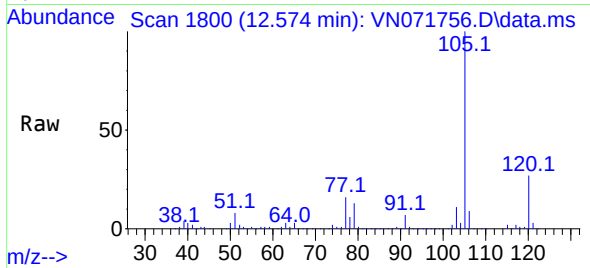
#73
Isopropylbenzene
Concen: 8.831 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

Instrument : MSVOA_N
ClientSampleId : MW-50

Tgt Ion:105 Resp: 34121
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.4

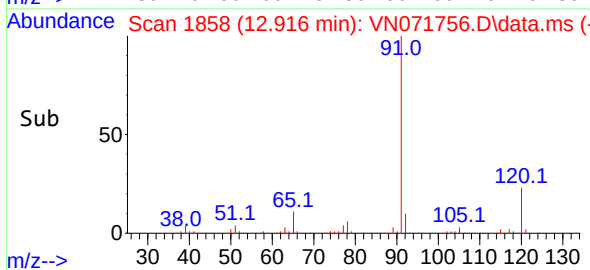
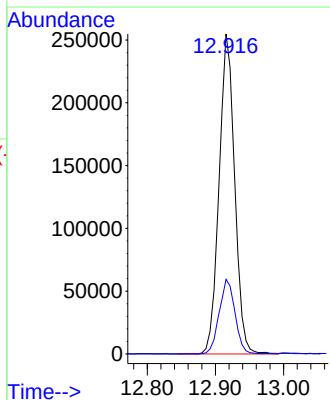
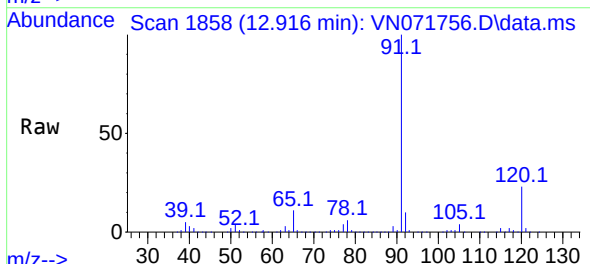
Manual Integrations
APPROVED

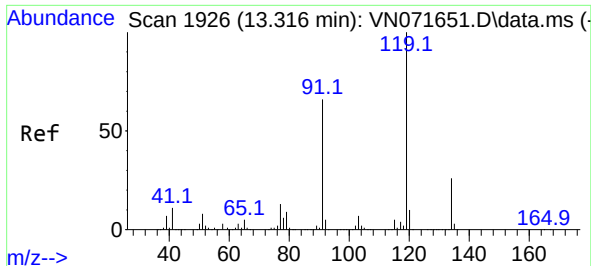
Reviewed By :John Carlone 04/02/2022
Supervised By :Mahesh Dadoda 04/02/2022



#78
n-propylbenzene
Concen: 9.991 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

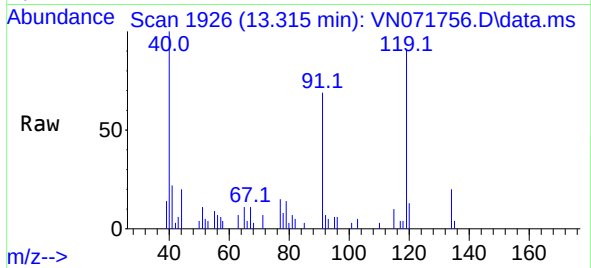
Tgt Ion: 91 Resp: 406083
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#83
tert-Butylbenzene
Concen: 0.341 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

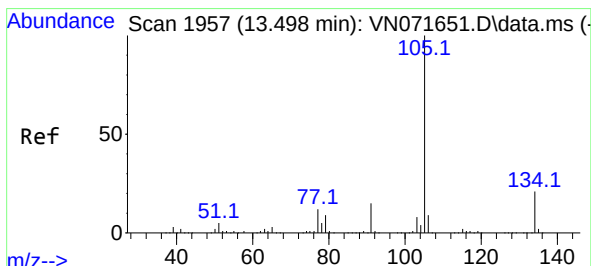
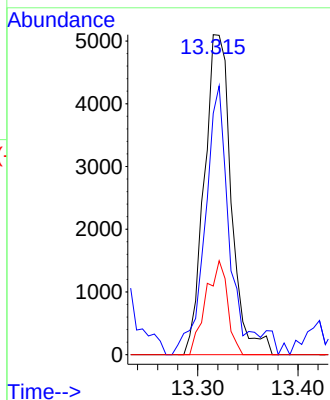
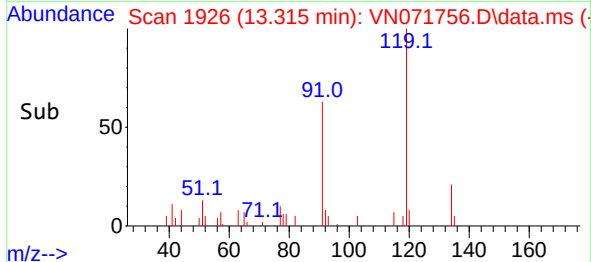
Instrument :
MSVOA_N
ClientSampleId :
MW-50



Tgt Ion:119 Resp: 9549
Ion Ratio Lower Upper
119 100
91 78.2 31.6 94.8
134 23.5 13.7 41.1

Manual Integrations
APPROVED

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



#85
sec-Butylbenzene
Concen: 1.009 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071756.D
Acq: 01 Apr 2022 16:31

Tgt Ion:105 Resp: 36599
Ion Ratio Lower Upper
105 100
134 60.3 10.4 31.1#

