

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072430.D
 Acq On : 11 May 2022 20:30
 Operator : JC\MD
 Sample : N2791-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BEM-MW-14

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/12/2022

Quant Time: May 12 02:16:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	202203	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	379827	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	431905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	196064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	161689	52.207	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.420%	
35) Dibromofluoromethane	8.022	113	119812	47.413	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 94.820%	
50) Toluene-d8	10.439	98	482848	50.171	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.727	95	211377	66.134	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 132.260%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.357	59	9408	18.578	ug/l	# 84
16) Acetone	4.281	43	289824	236.293	ug/l	94
19) Methyl tert-butyl Ether	5.616	73	2165	0.294	ug/l	# 82
25) 2-Butanone	7.333	43	58361	30.148	ug/l	# 88
40) Benzene	8.457	78	9397	0.867	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	19734	4.751	ug/l	93
52) Toluene	10.504	92	5512	0.824	ug/l	84
59) 2-Hexanone	11.086	43	5734m	1.969	ug/l	
67) Ethyl Benzene	11.833	91	7206	0.473	ug/l	# 84
68) m/p-Xylenes	11.945	106	10802	1.871	ug/l	95
69) o-Xylene	12.274	106	7153	1.261	ug/l	93
80) 1,3,5-Trimethylbenzene	13.057	105	3448	0.259	ug/l	92
84) 1,2,4-Trimethylbenzene	13.363	105	9764	0.755	ug/l	87
95) Naphthalene	15.498	128	34092	6.584	ug/l	100

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

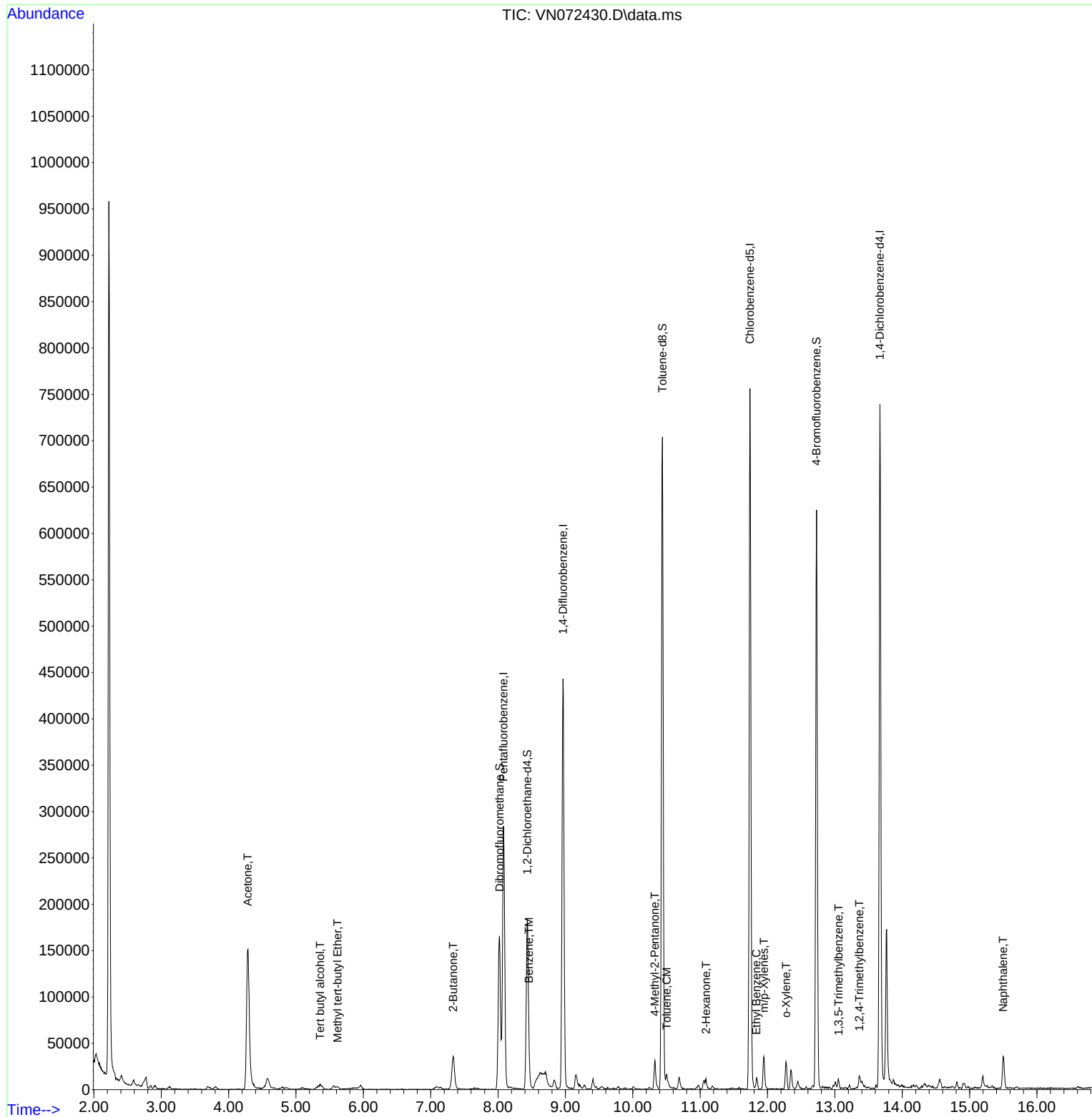
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
Data File : VN072430.D
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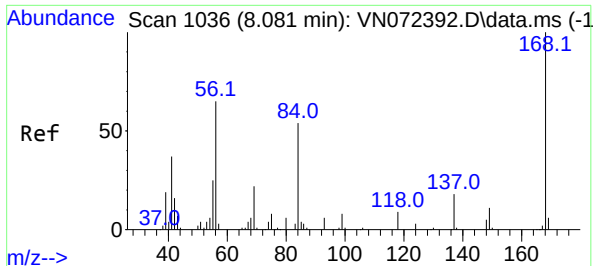
Instrument :
MSVOA_N
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Quant Time: May 12 02:16:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
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Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-14

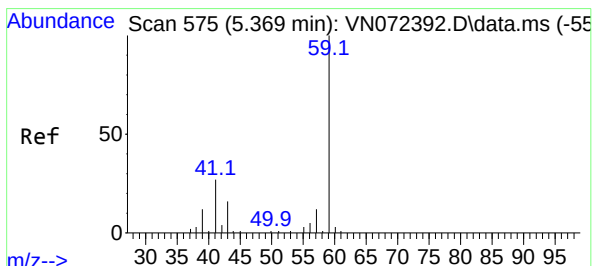
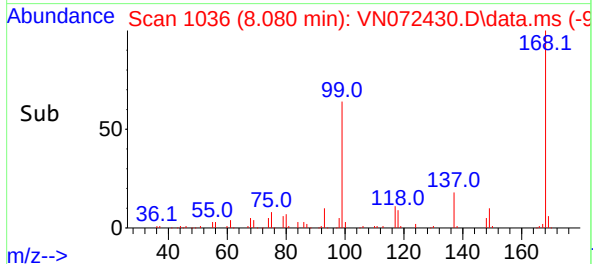
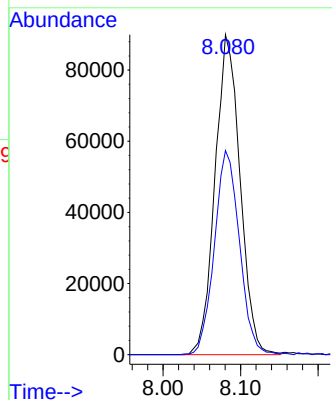
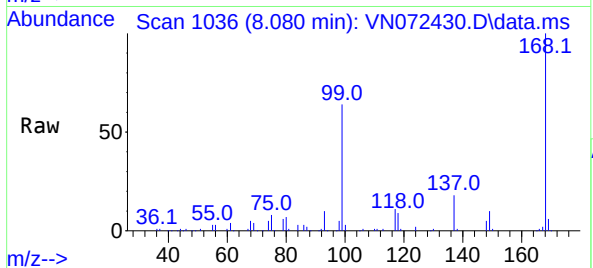
Tgt Ion:168 Resp: 20220
Ion Ratio Lower Upper
168 100
99 63.8 42.3 63.5

Manual Integrations

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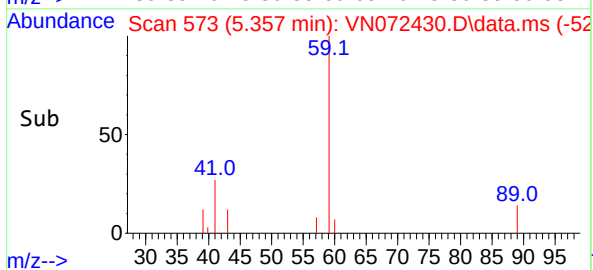
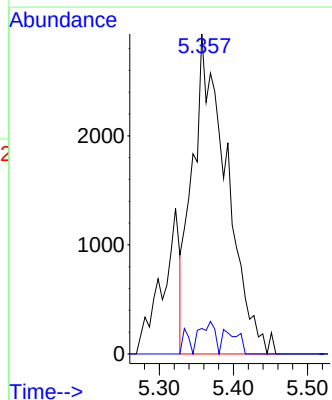
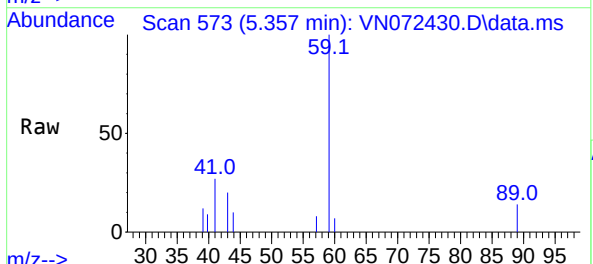
Reviewed By :John Carlone 05/12/2022

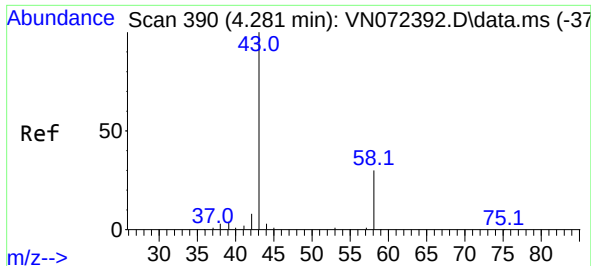
Supervised By :Mahesh Dadoda 05/12/2022



#11
Tert butyl alcohol
Concen: 18.578 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.012 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

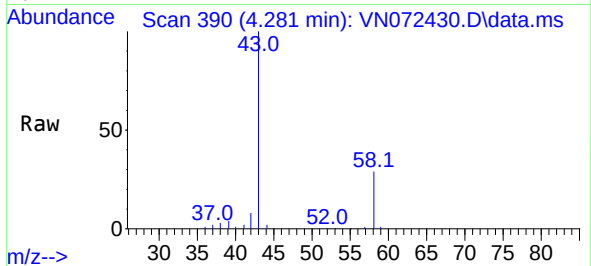
Tgt Ion: 59 Resp: 9408
Ion Ratio Lower Upper
59 100
57 4.5 8.3 12.5#





#16
Acetone
Concen: 236.293 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

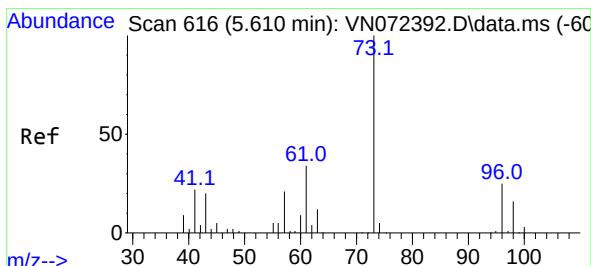
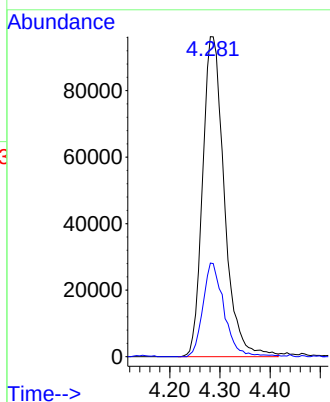
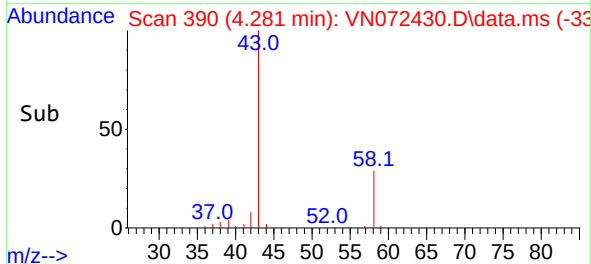
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14



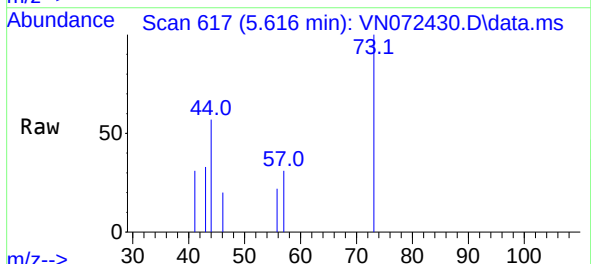
Tgt Ion: 43 Resp: 289824
Ion Ratio Lower Upper
43 100
58 29.2 26.0 39.0

Manual Integrations
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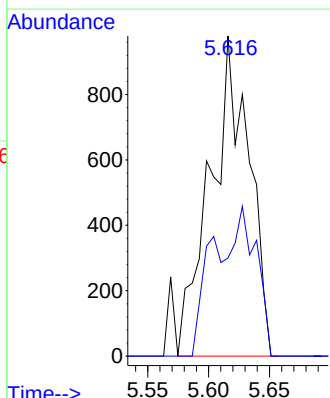
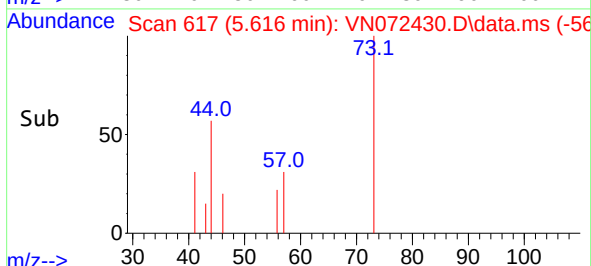
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

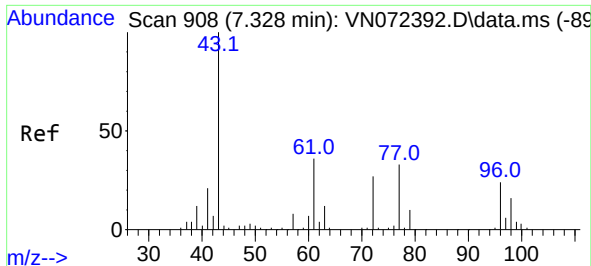


#19
Methyl tert-butyl Ether
Concen: 0.294 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



Tgt Ion: 73 Resp: 2165
Ion Ratio Lower Upper
73 100
57 30.6 17.6 26.4#





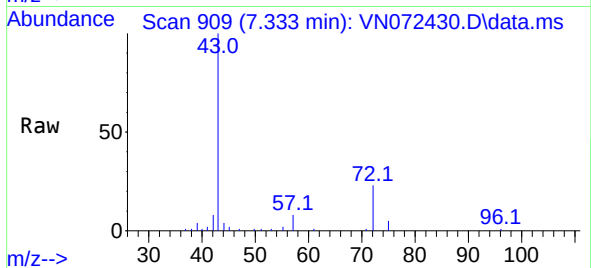
#25
2-Butanone
Concen: 30.148 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

BEM-MW-14

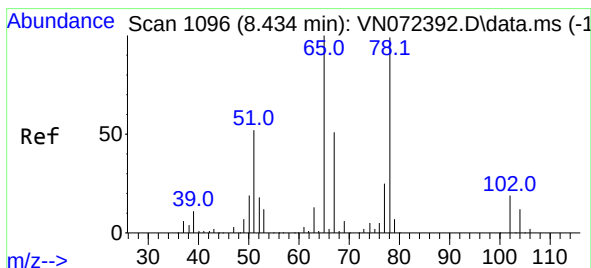
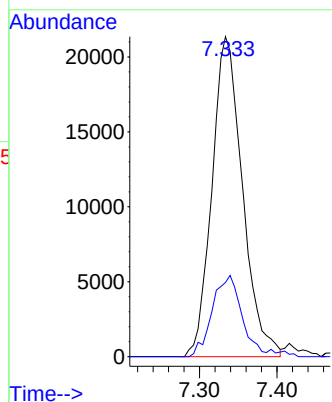
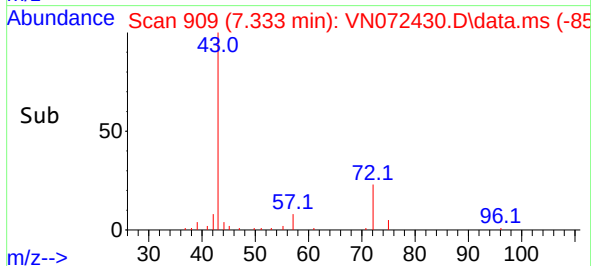


Tgt Ion: 43 Resp: 5836
Ion Ratio Lower Upper
43 100
72 23.2 23.7 35.5

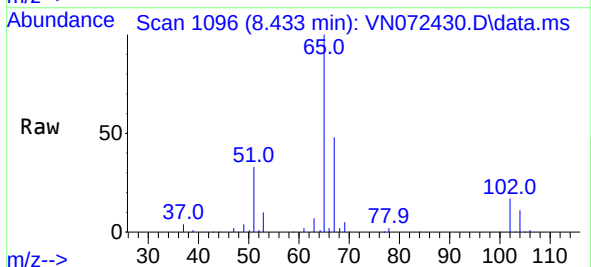
Manual Integrations

APPROVED

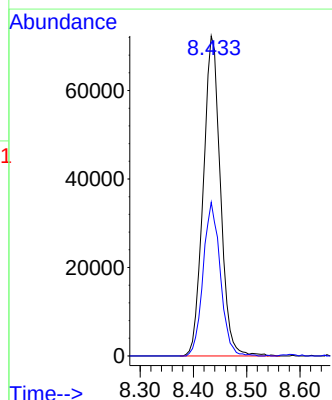
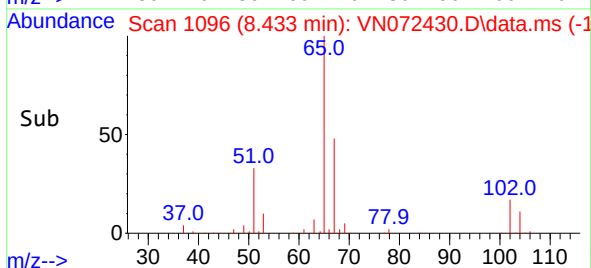
Reviewed By :John Carlone 05/12/2022
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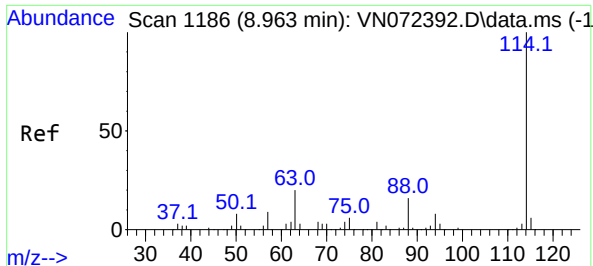


#33
1,2-Dichloroethane-d4
Concen: 52.207 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



Tgt Ion: 65 Resp: 161689
Ion Ratio Lower Upper
65 100
67 48.1 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: VN072430.D
Acq: 11 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

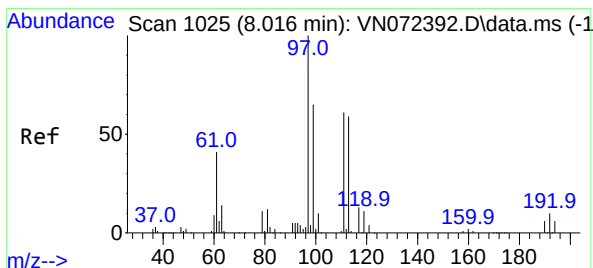
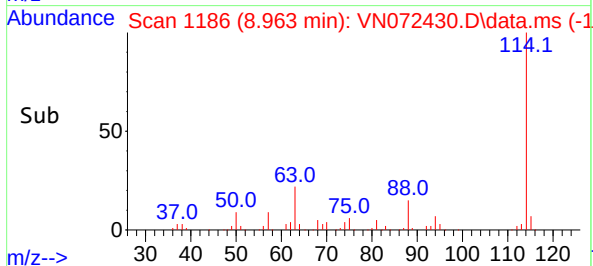
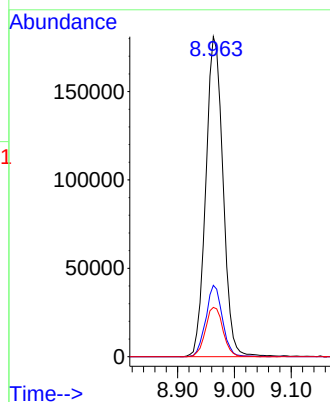
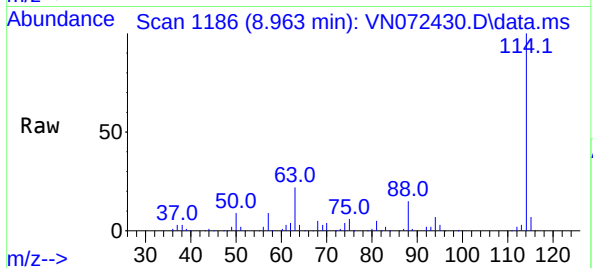
BEM-MW-14

Tgt Ion:114 Resp: 37982
Ion Ratio Lower Upper
114 100
63 22.3 0.0 40.0
88 15.4 0.0 32.6

Manual Integrations

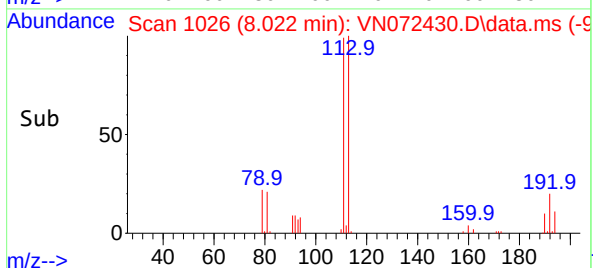
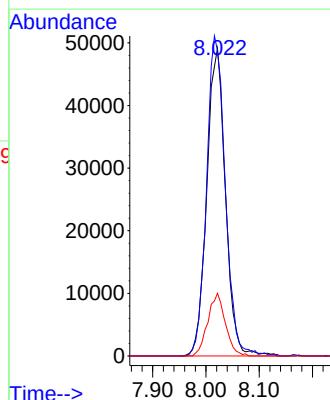
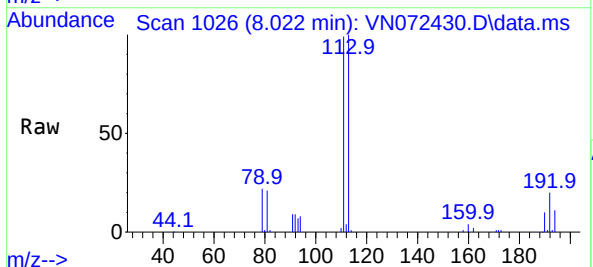
APPROVED

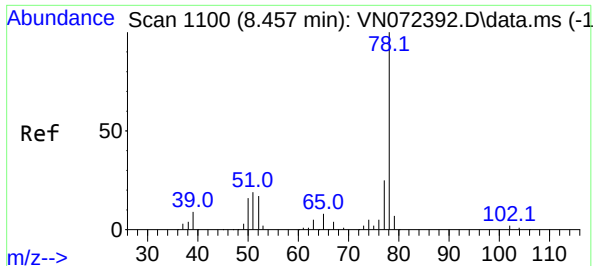
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#35
Dibromofluoromethane
Concen: 47.413 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Tgt Ion:113 Resp: 119812
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.0
192 19.2 17.0 25.6





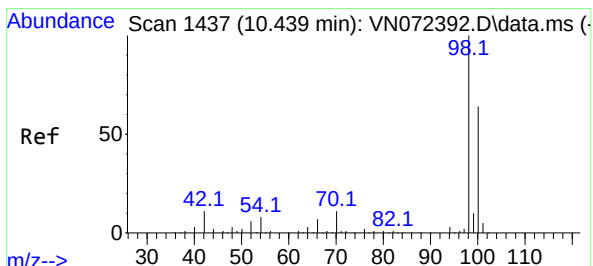
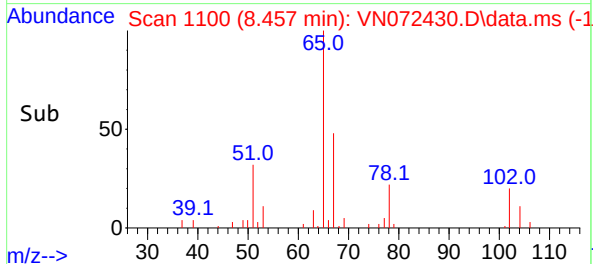
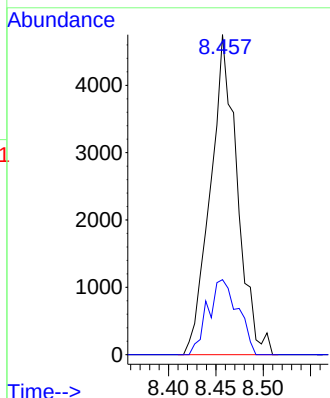
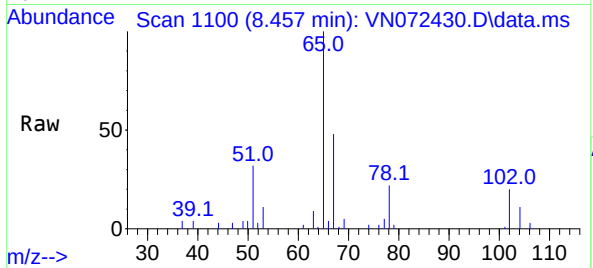
#40
Benzene
Concen: 0.867 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14

Tgt Ion: 78 Resp: 939
Ion Ratio Lower Upper
78 100
77 23.4 19.4 29.0

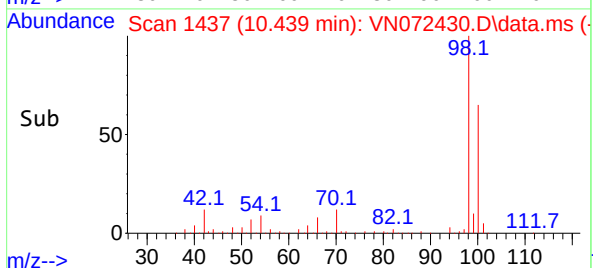
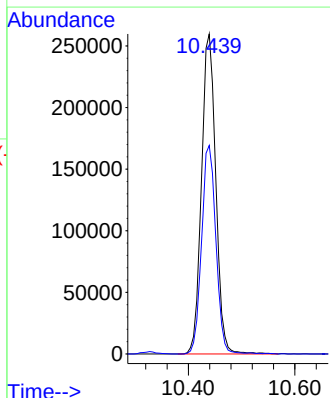
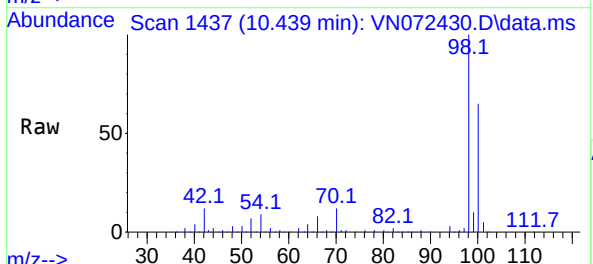
Manual Integrations
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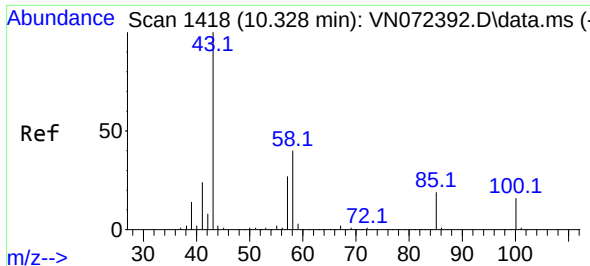
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#50
Toluene-d8
Concen: 50.171 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Tgt Ion: 98 Resp: 482848
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





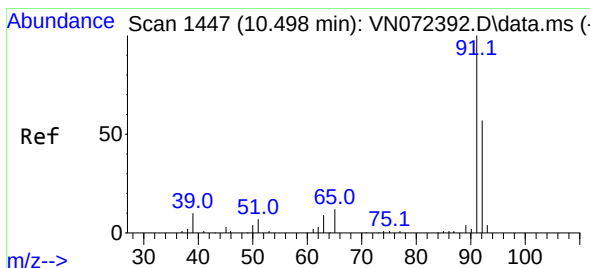
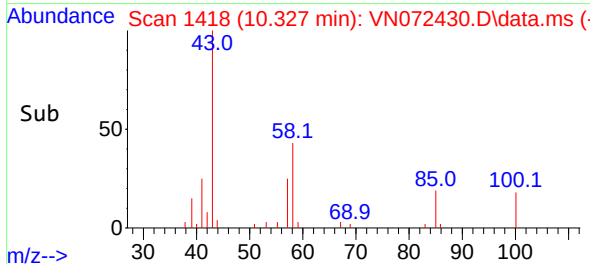
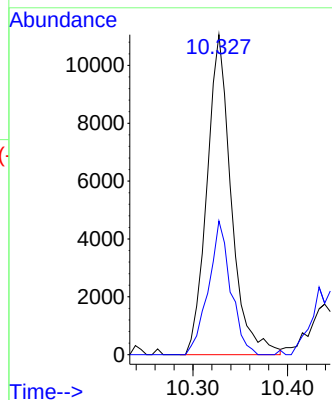
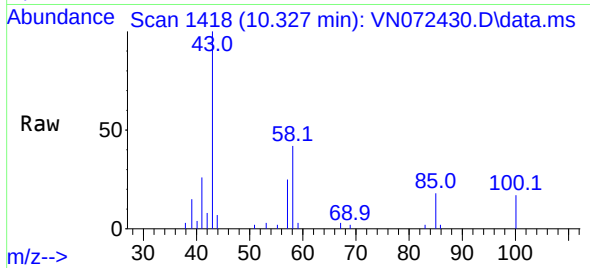
#51
4-Methyl-2-Pentanone
Concen: 4.751 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.001 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14

Tgt Ion: 43 Resp: 19734
Ion Ratio Lower Upper
43 100
58 38.4 34.1 51.1

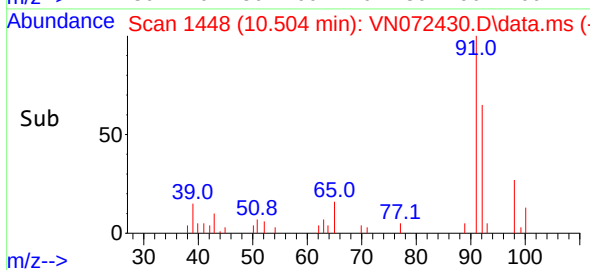
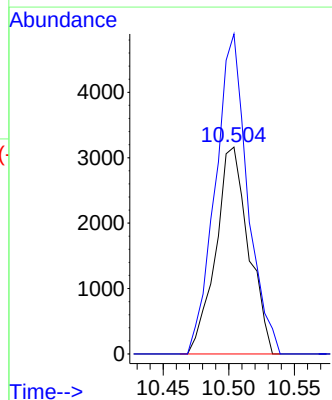
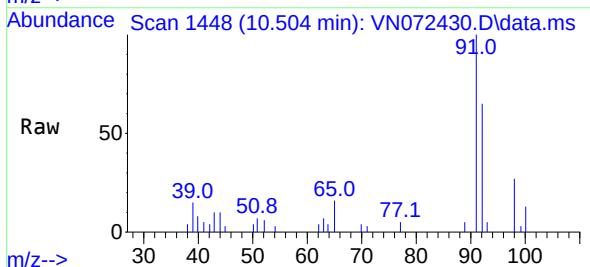
Manual Integrations
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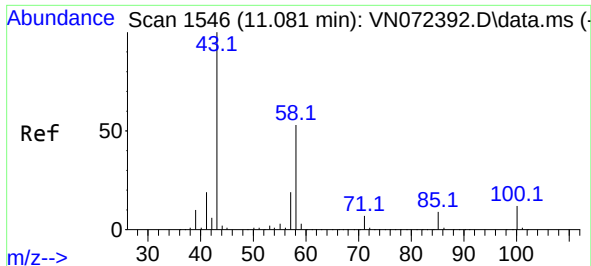
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#52
Toluene
Concen: 0.824 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

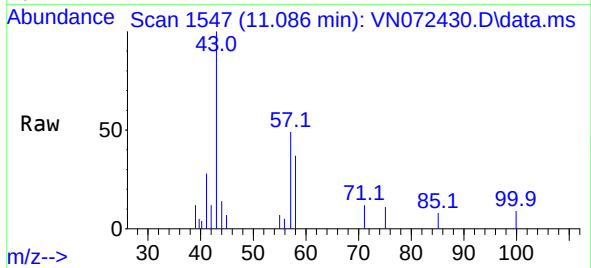
Tgt Ion: 92 Resp: 5512
Ion Ratio Lower Upper
92 100
91 151.7 138.6 207.8





#59
2-Hexanone
Concen: 1.969 ug/l m
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

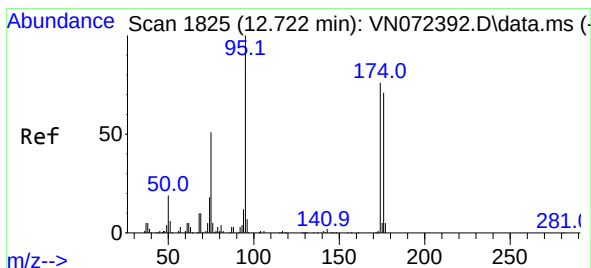
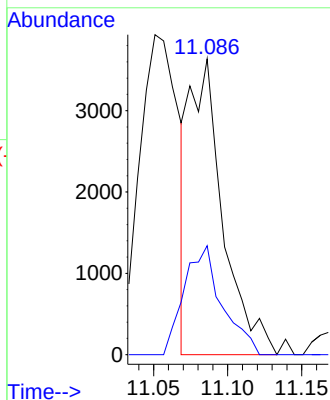
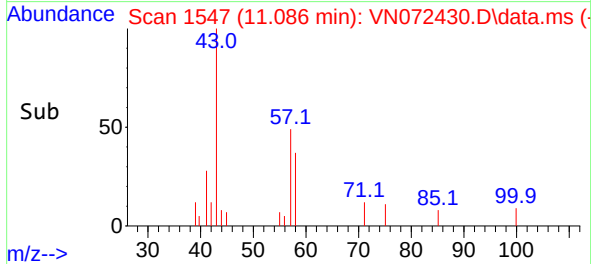
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14



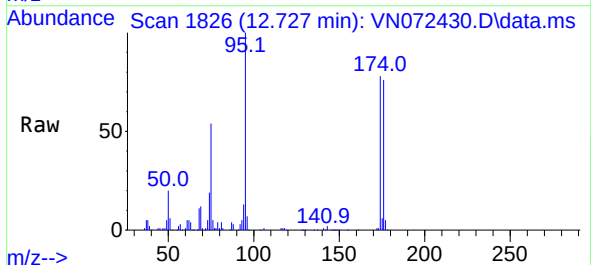
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Ion Ratio Lower Upper
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Manual Integrations
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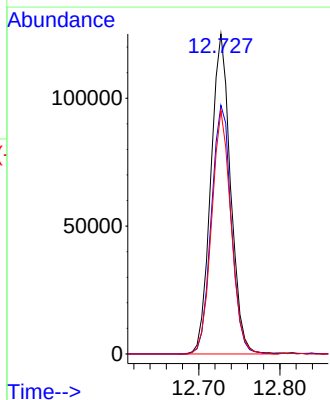
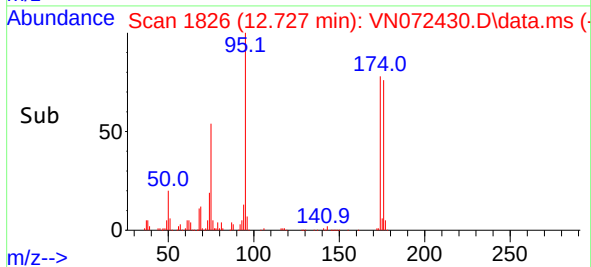
Reviewed By :John Carlone 05/12/2022
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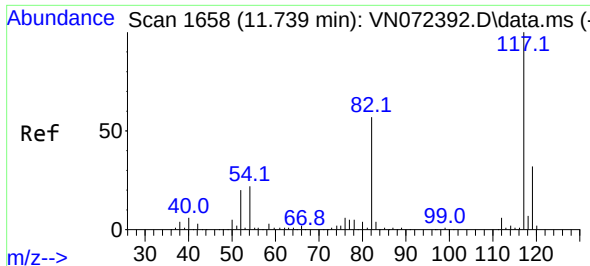


#62
4-Bromofluorobenzene
Concen: 66.134 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



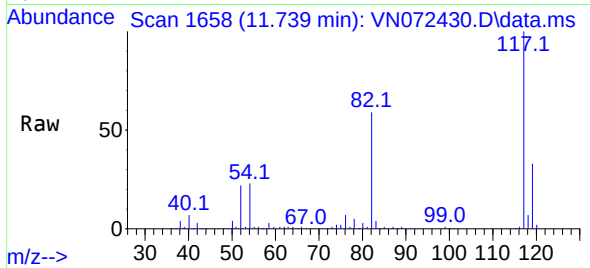
Tgt Ion: 95 Resp: 211377
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 74.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

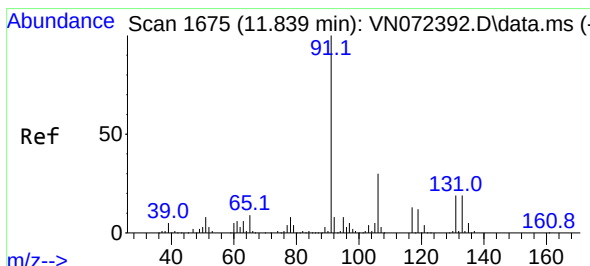
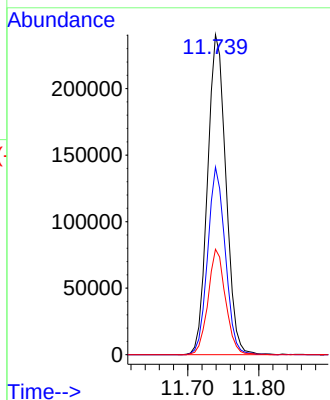
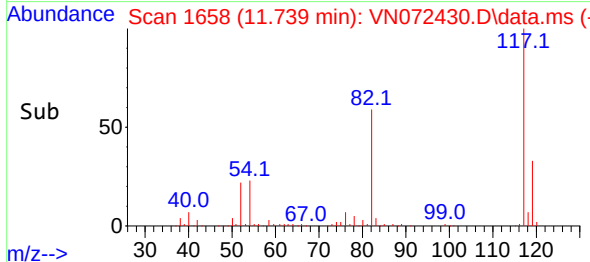
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14



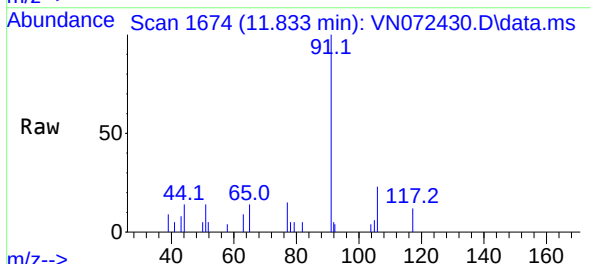
Tgt Ion: 117 Resp: 43190
Ion Ratio Lower Upper
117 100
82 58.6 44.2 66.2
119 33.0 25.4 38.0

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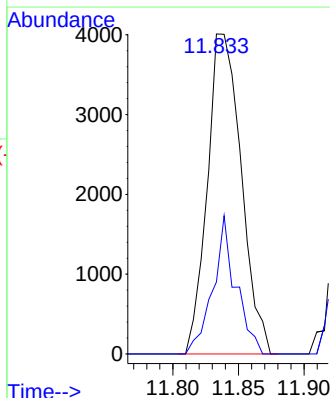
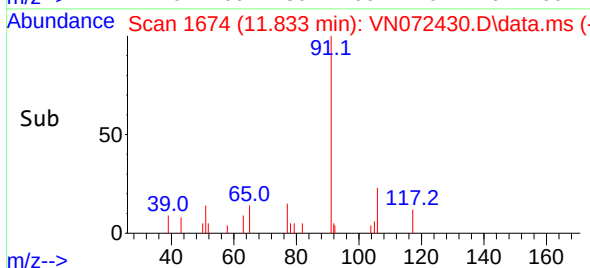
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

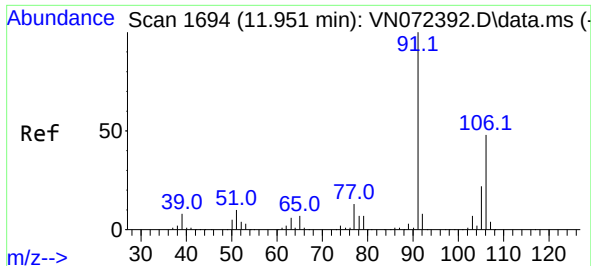


#67
Ethyl Benzene
Concen: 0.473 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



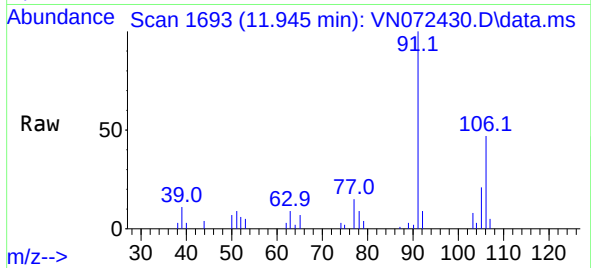
Tgt Ion: 91 Resp: 7206
Ion Ratio Lower Upper
91 100
106 22.5 24.9 37.3#





#68
m/p-Xylenes
Concen: 1.871 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

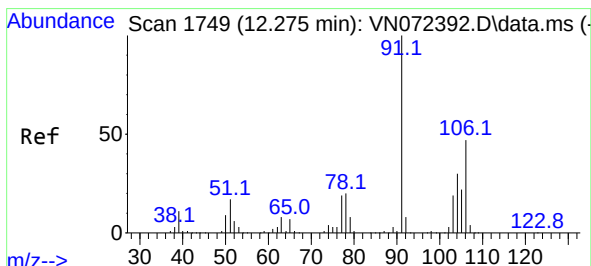
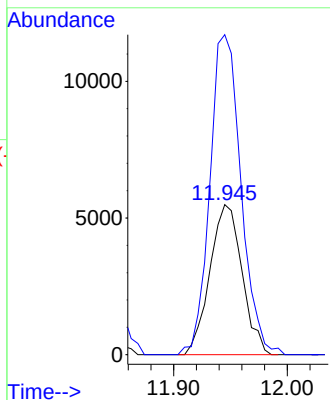
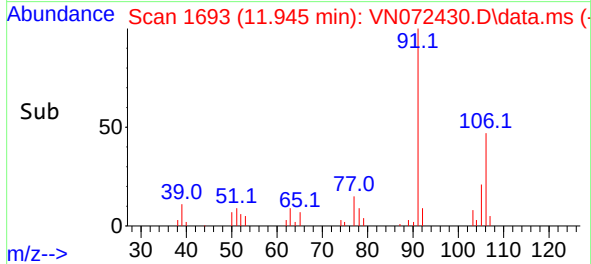
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14



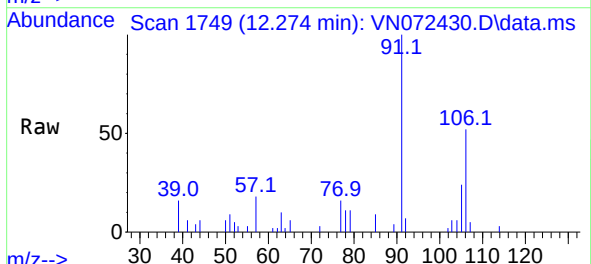
Tgt Ion:106 Resp: 1080
Ion Ratio Lower Upper
106 100
91 206.4 158.9 238.3

Manual Integrations
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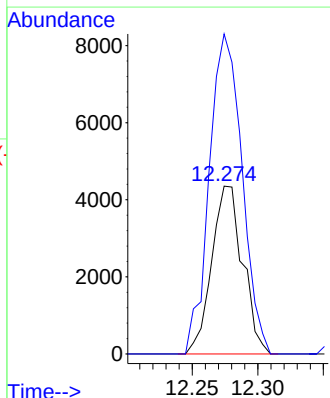
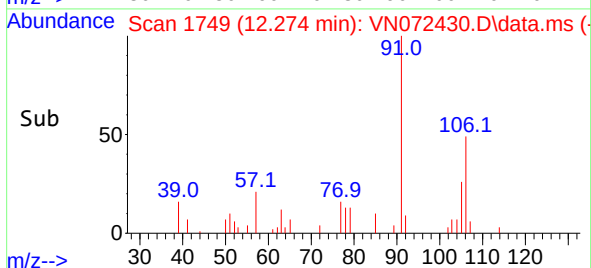
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022

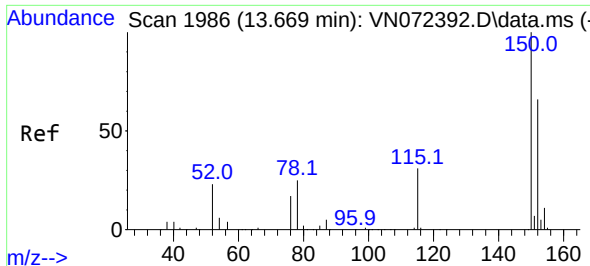


#69
o-Xylene
Concen: 1.261 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



Tgt Ion:106 Resp: 7153
Ion Ratio Lower Upper
106 100
91 201.7 106.0 318.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072430.D
 Acq: 11 May 2022 20:30

Instrument :

MSVOA_N

ClientSampleId :

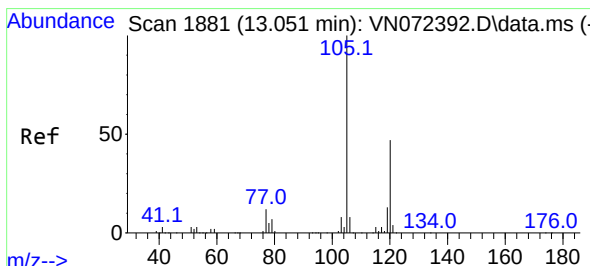
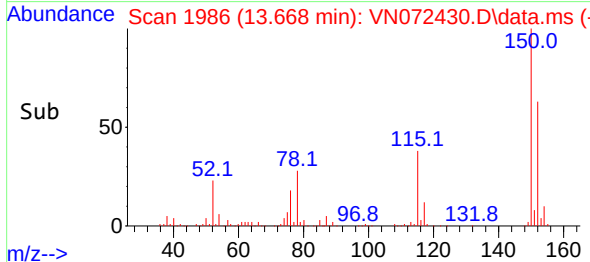
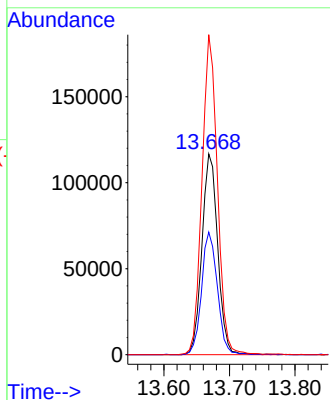
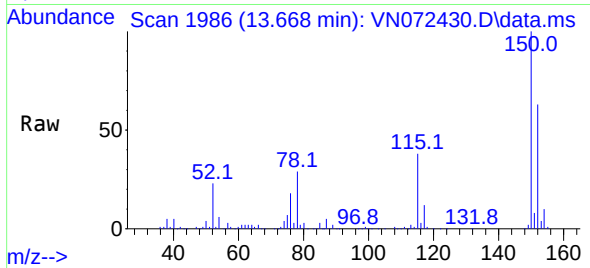
BEM-MW-14

Tgt Ion:152 Resp: 196064
 Ion Ratio Lower Upper
 152 100
 115 61.1 28.9 86.7
 150 155.3 0.0 356.2

Manual Integrations

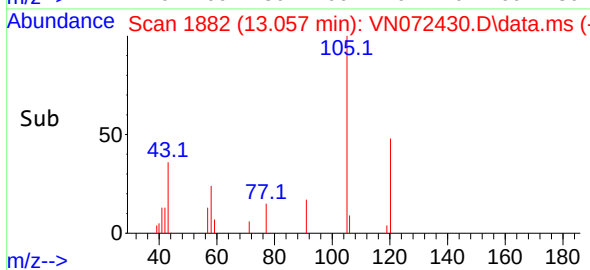
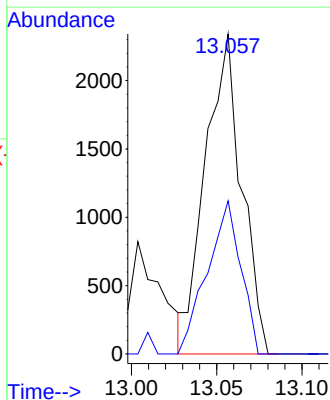
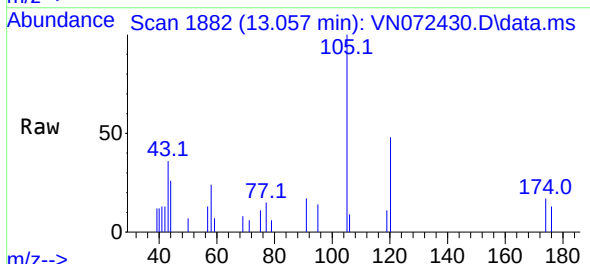
APPROVED

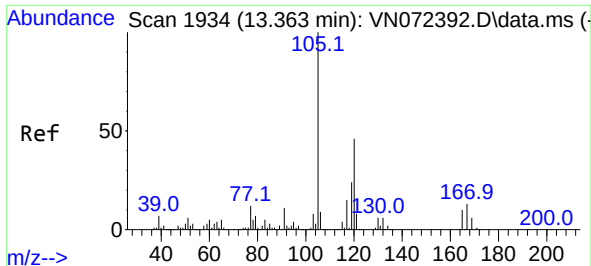
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/12/2022



#80
 1,3,5-Trimethylbenzene
 Concen: 0.259 ug/l
 RT: 13.057 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VN072430.D
 Acq: 11 May 2022 20:30

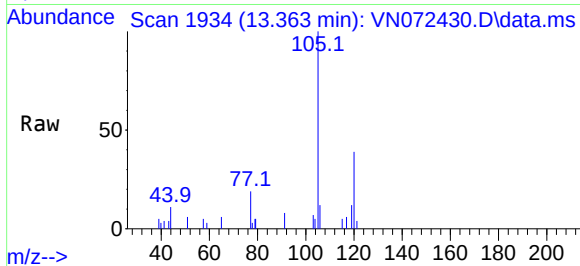
Tgt Ion:105 Resp: 3448
 Ion Ratio Lower Upper
 105 100
 120 44.5 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 0.755 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30

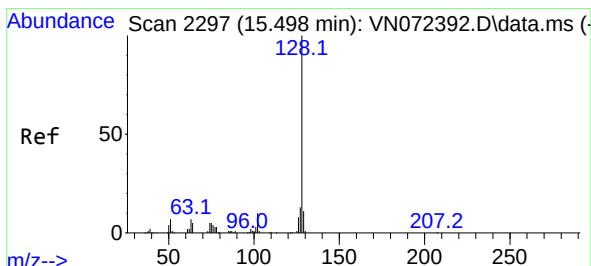
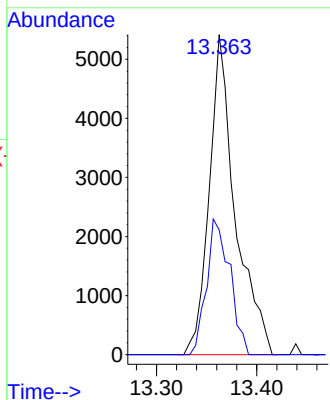
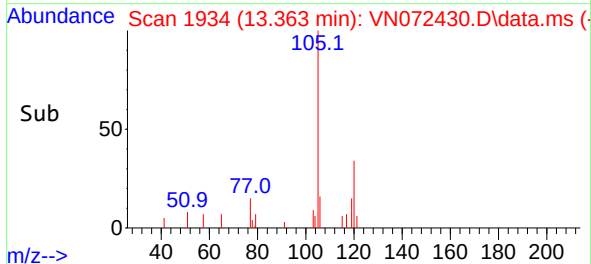
Instrument :
MSVOA_N
ClientSampleId :
BEM-MW-14



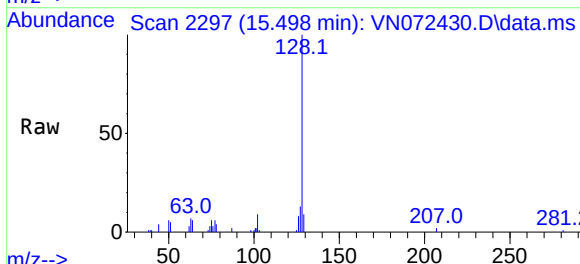
Tgt Ion:105 Resp: 9764
Ion Ratio Lower Upper
105 100
120 37.9 23.3 69.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/12/2022



#95
Naphthalene
Concen: 6.584 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072430.D
Acq: 11 May 2022 20:30



Tgt Ion:128 Resp: 34092
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0

