

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072604.D
 Acq On : 24 May 2022 22:31
 Operator : JC\MD
 Sample : N2968-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27

Quant Time: May 25 09:23:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	132032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	244466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	388226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	181427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	85148	56.694	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.380%			
35) Dibromofluoromethane	8.016	113	72426	45.710	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 91.420%			
50) Toluene-d8	10.439	98	320263	52.936	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.880%			
62) 4-Bromofluorobenzene	12.727	95	180192	91.575	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 183.160%#			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.357	59	256814	908.070	ug/l	100
16) Acetone	4.281	43	15479	20.968	ug/l	94
19) Methyl tert-butyl Ether	5.604	73	133916	32.536	ug/l	98
22) Diisopropyl ether	6.492	45	28168	6.121	ug/l #	96
25) 2-Butanone	7.345	43	6142	4.931	ug/l #	78
31) Cyclohexane	8.081	56	7070	2.972	ug/l #	66
40) Benzene	8.457	78	3146594	435.007	ug/l	100
51) 4-Methyl-2-Pentanone	10.333	43	7747	2.723	ug/l #	85
52) Toluene	10.498	92	84886	18.531	ug/l	97
67) Ethyl Benzene	11.839	91	1156938	78.243	ug/l	99
68) m/p-Xylenes	11.951	106	400016	70.975	ug/l	99
69) o-Xylene	12.274	106	251151	46.097	ug/l	98
73) Isopropylbenzene	12.574	105	64625	3.999	ug/l	99
78) n-propylbenzene	12.916	91	138125	7.708	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	67157	5.342	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	582640	47.266	ug/l	100
85) sec-Butylbenzene	13.492	105	6433m	0.411	ug/l	
89) n-Butylbenzene	13.933	91	3664	0.368	ug/l #	74
95) Naphthalene	15.498	128	371974	32.944	ug/l	100

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

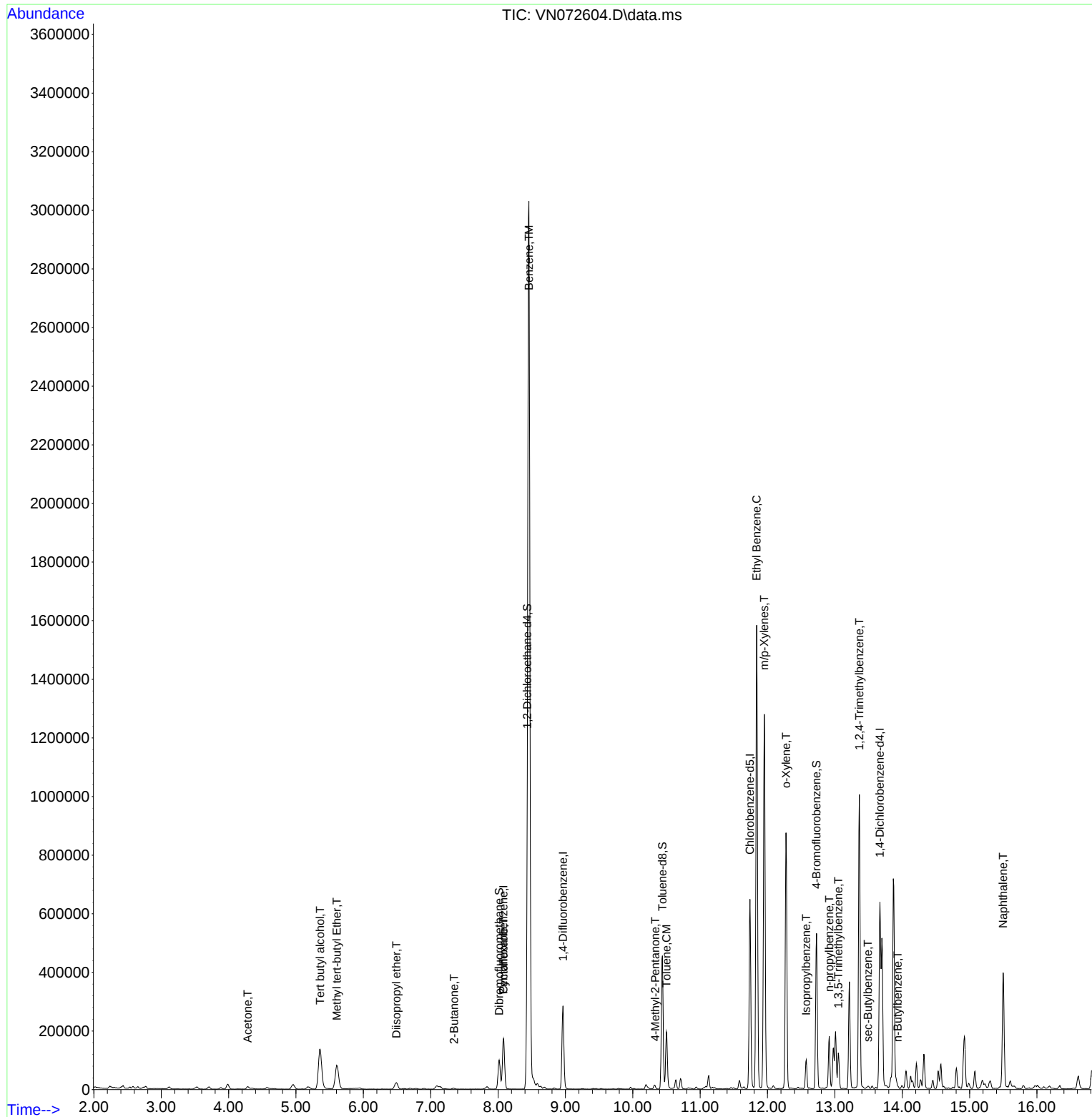
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
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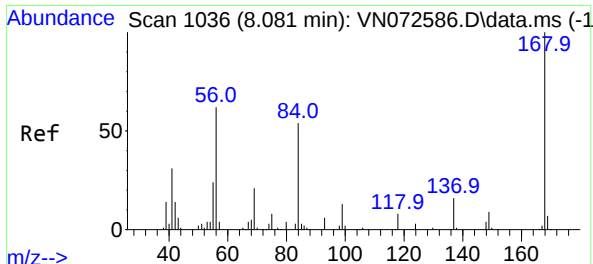
Instrument :
MSVOA_N
ClientSampleId :
MW-27

Quant Time: May 25 09:23:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

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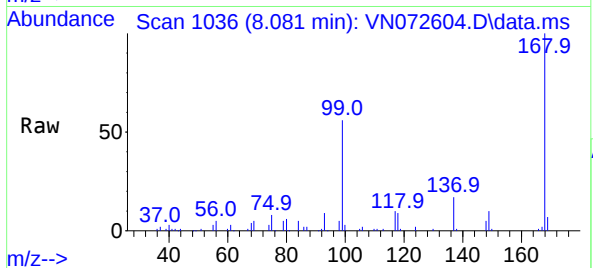
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

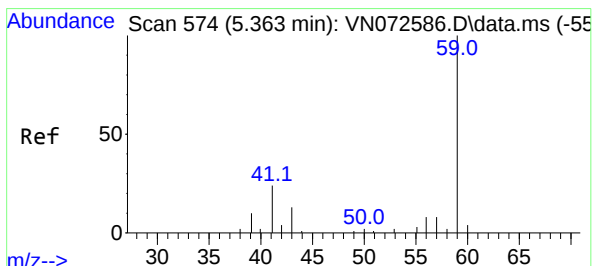
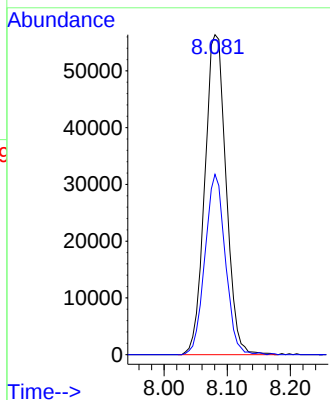
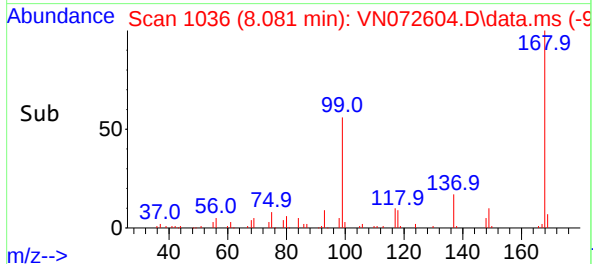
Instrument :
MSVOA_N
ClientSampleId :
MW-27



Tgt Ion:168 Resp: 132032
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5

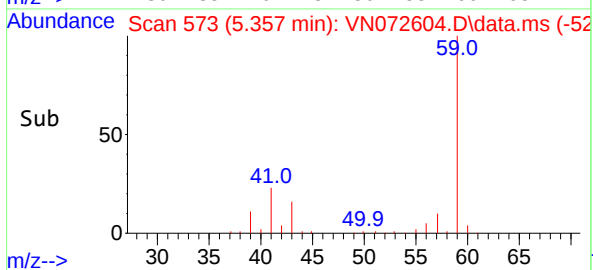
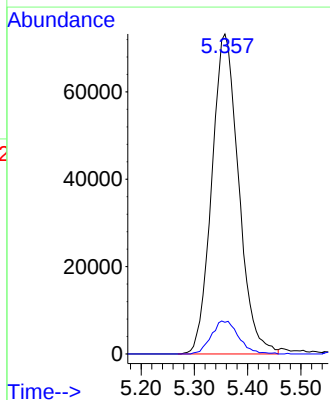
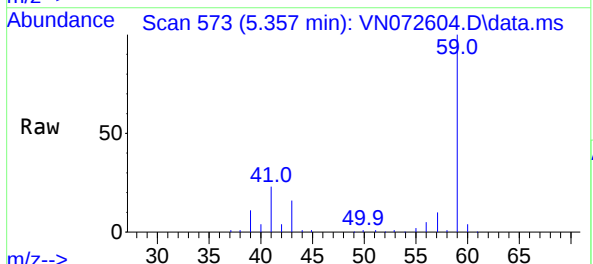
Manual Integrations
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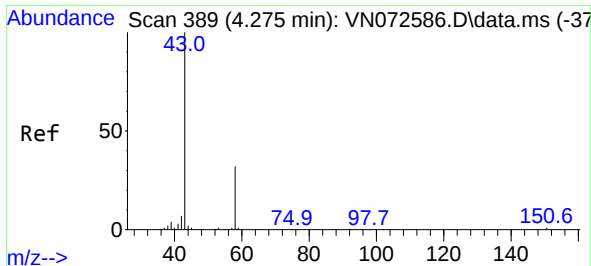
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#11
Tert butyl alcohol
Concen: 908.070 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

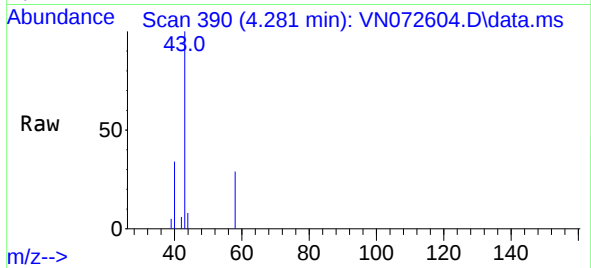
Tgt Ion: 59 Resp: 256814
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5





#16
Acetone
Concen: 20.968 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

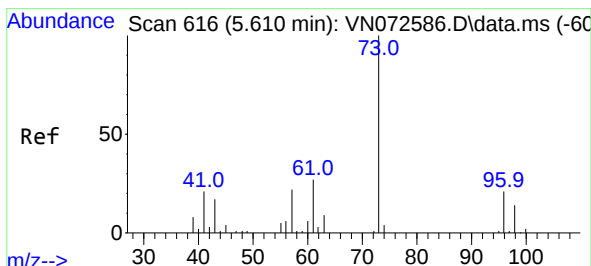
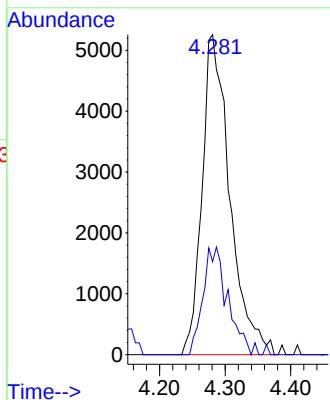
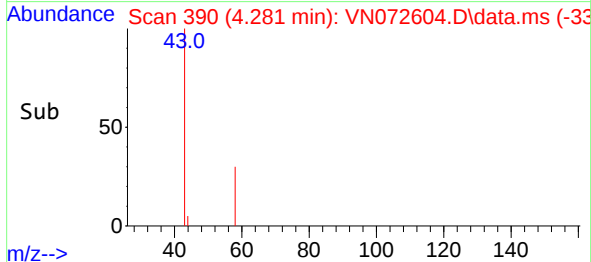
Instrument :
MSVOA_N
ClientSampleId :
MW-27



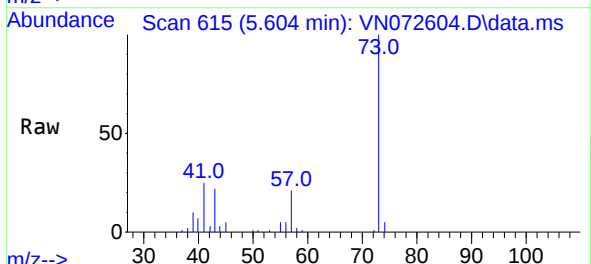
Tgt Ion: 43 Resp: 15479
Ion Ratio Lower Upper
43 100
58 29.1 26.0 39.0

Manual Integrations
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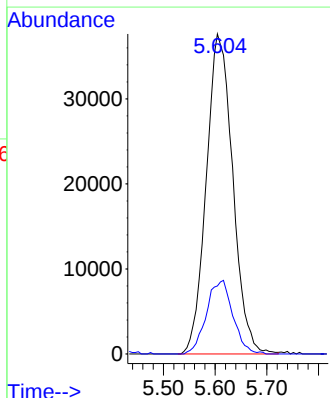
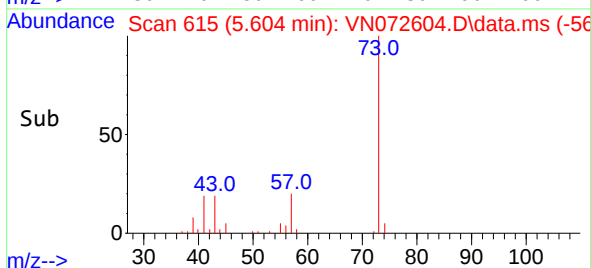
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

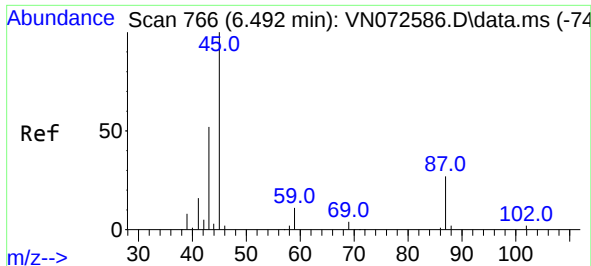


#19
Methyl tert-butyl Ether
Concen: 32.536 ug/l
RT: 5.604 min Scan# 615
Delta R.T. -0.006 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31



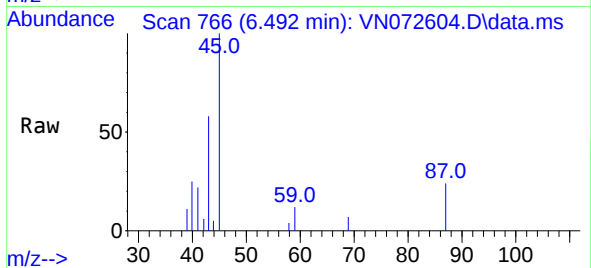
Tgt Ion: 73 Resp: 133916
Ion Ratio Lower Upper
73 100
57 21.3 17.6 26.4





#22
Diisopropyl ether
Concen: 6.121 ug/l
RT: 6.492 min Scan# 701
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

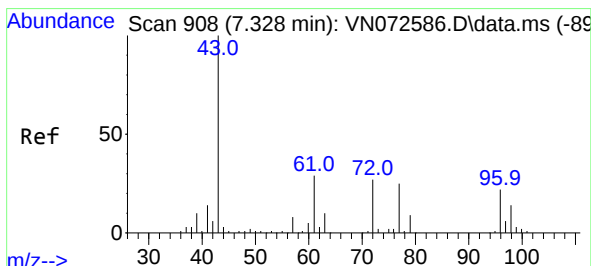
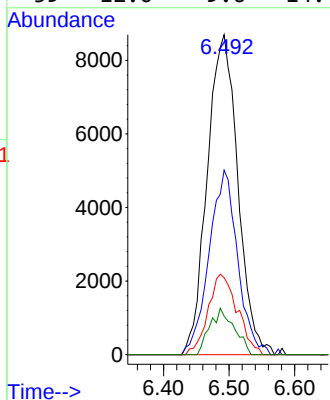
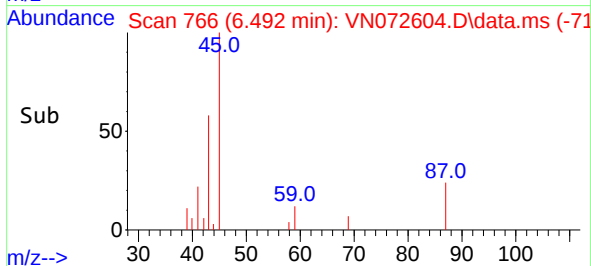
Instrument :
MSVOA_N
Client Sample Id :
MW-27



Tgt Ion: 45 Resp: 2816
Ion Ratio Lower Upper
45 100
43 57.6 46.6 70.0
87 24.0 24.3 36.5
59 12.0 9.6 14.4

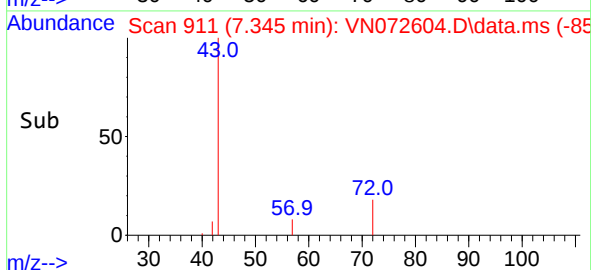
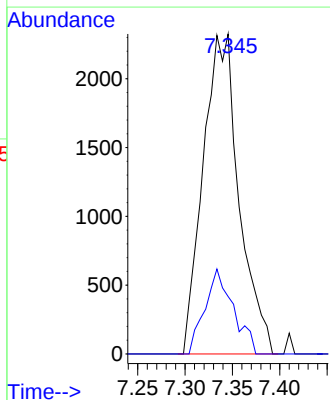
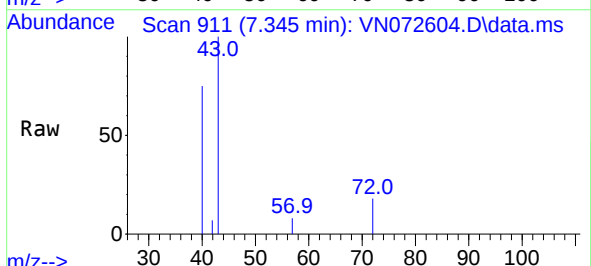
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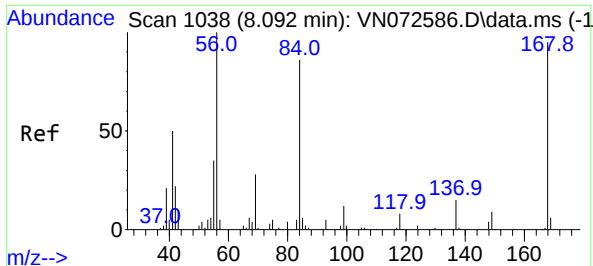
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#25
2-Butanone
Concen: 4.931 ug/l
RT: 7.345 min Scan# 911
Delta R.T. 0.017 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

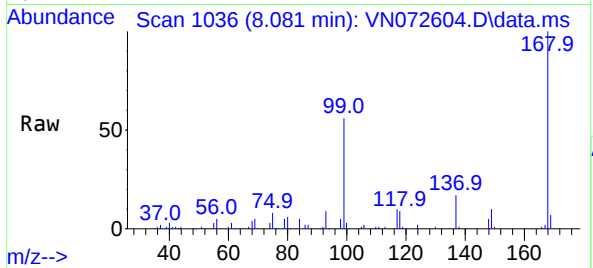
Tgt Ion: 43 Resp: 6142
Ion Ratio Lower Upper
43 100
72 17.9 23.7 35.5#





#31
Cyclohexane
Concen: 2.972 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

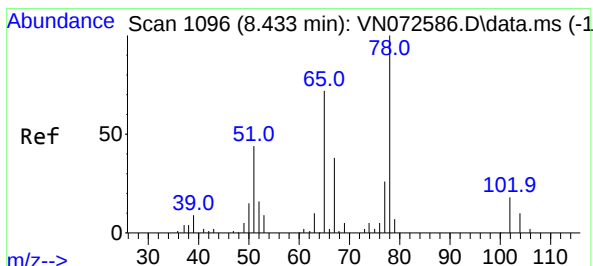
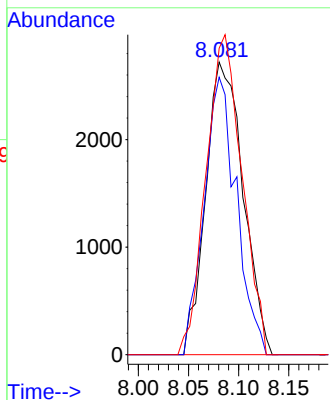
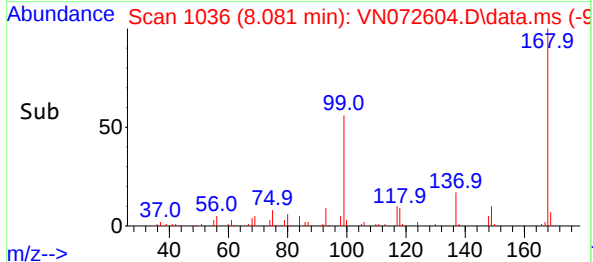
Instrument :
MSVOA_N
ClientSampleId :
MW-27



Tgt Ion: 56 Resp: 7070
Ion Ratio Lower Upper
56 100
69 94.9 27.8 41.8
84 104.7 76.9 115.3

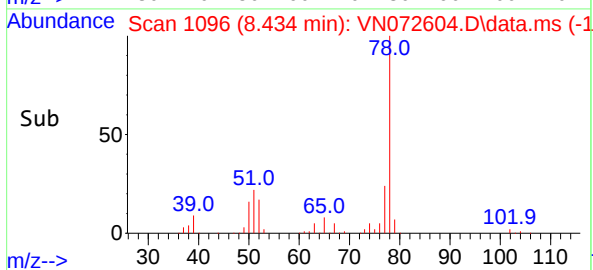
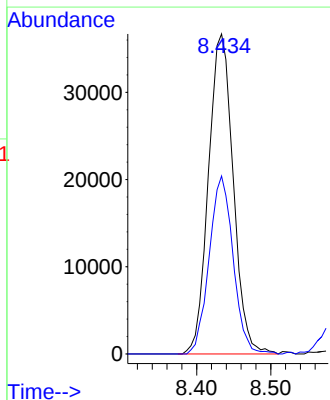
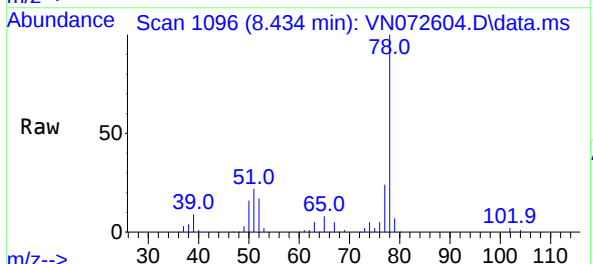
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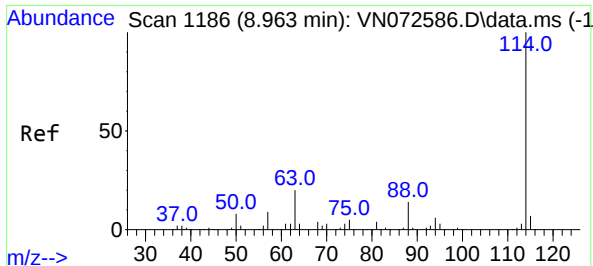
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#33
1,2-Dichloroethane-d4
Concen: 56.694 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.001 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Tgt Ion: 65 Resp: 85148
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8





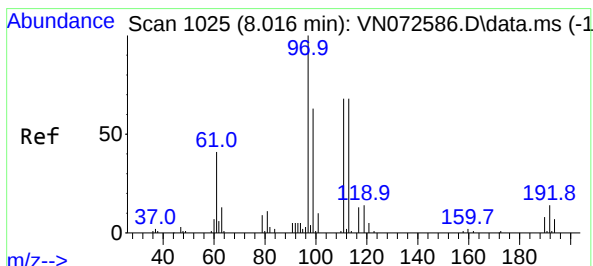
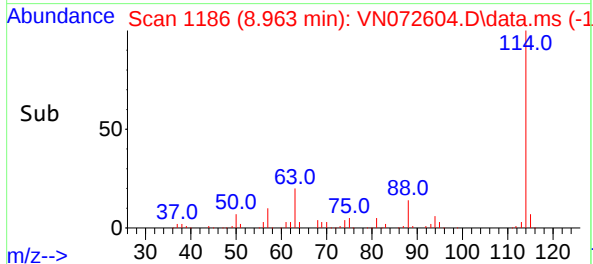
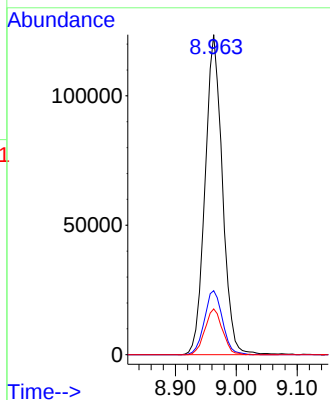
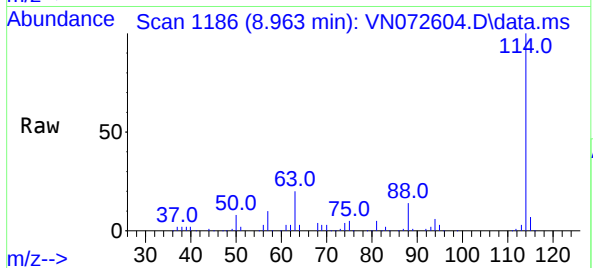
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27

Tgt Ion:114 Resp: 244460
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 14.3 0.0 32.6

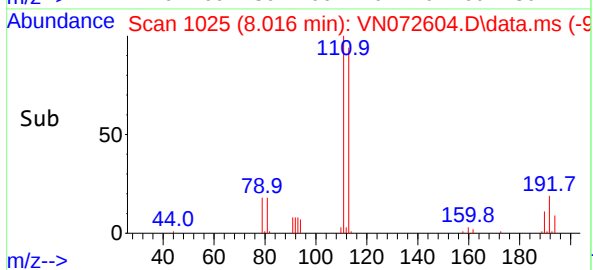
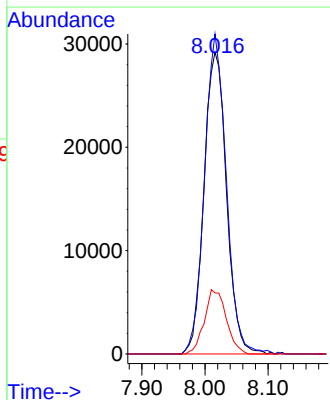
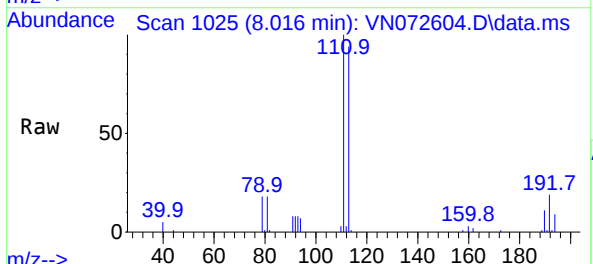
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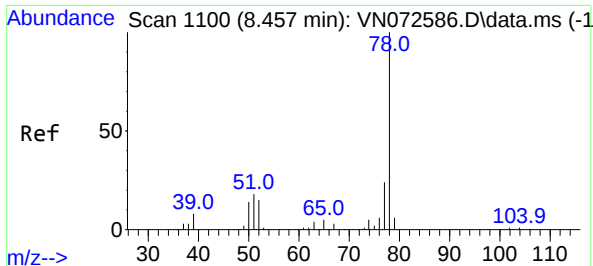
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#35
Dibromofluoromethane
Concen: 45.710 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Tgt Ion:113 Resp: 72426
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 20.7 17.0 25.6





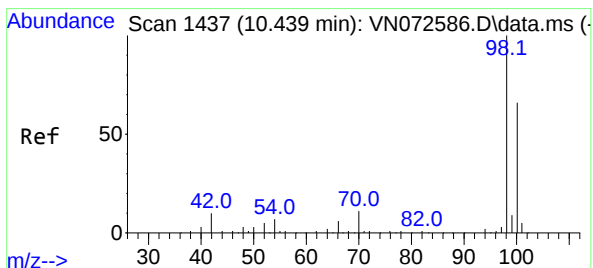
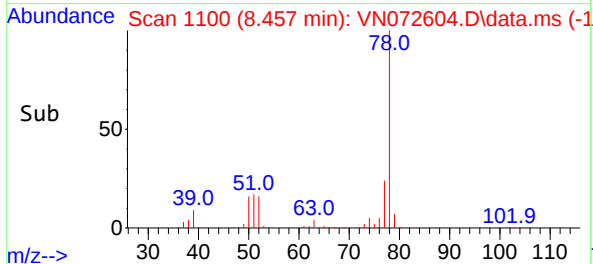
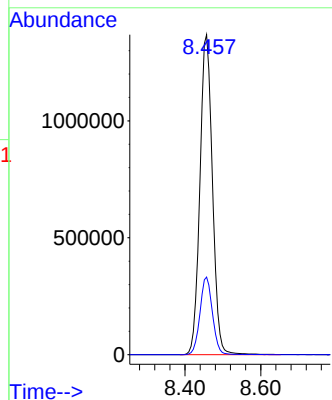
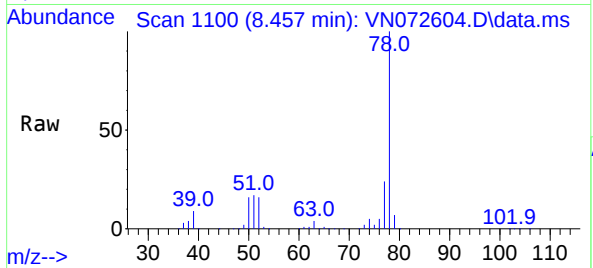
#40
Benzene
Concen: 435.007 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27

Tgt Ion: 78 Resp: 3146594
Ion Ratio Lower Upper
78 100
77 24.3 19.4 29.0

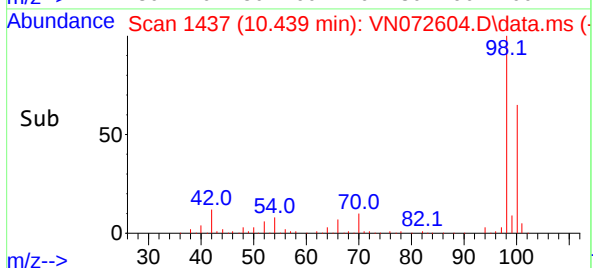
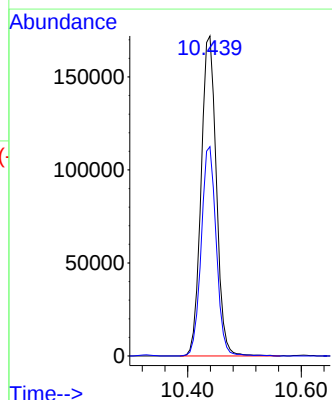
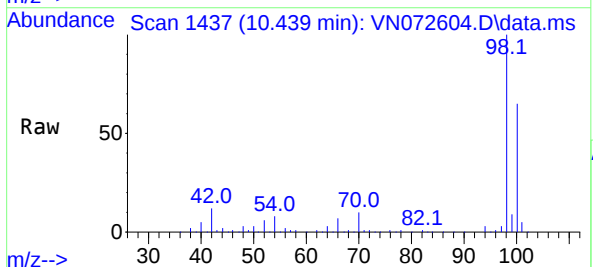
Manual Integrations
APPROVED

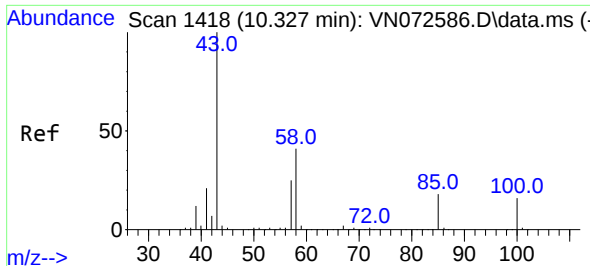
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#50
Toluene-d8
Concen: 52.936 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Tgt Ion: 98 Resp: 320263
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





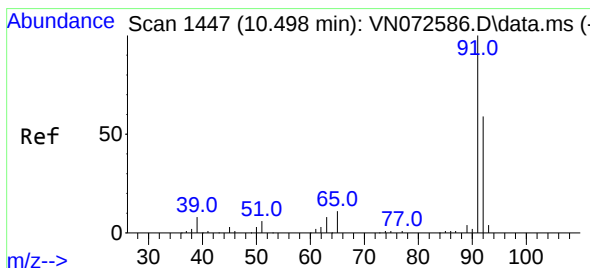
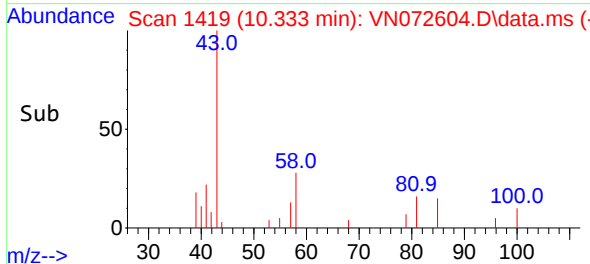
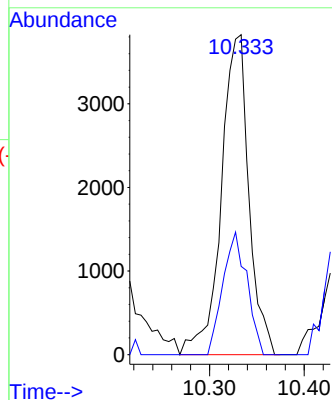
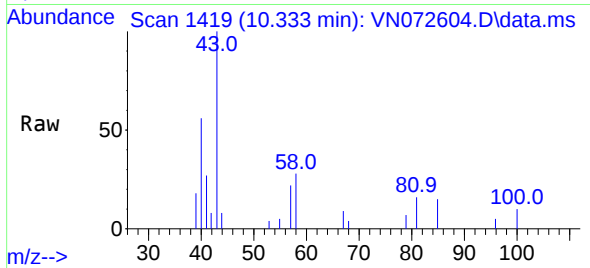
#51
4-Methyl-2-Pentanone
Concen: 2.723 ug/l
RT: 10.333 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27

Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
58 33.3 34.1 51.1

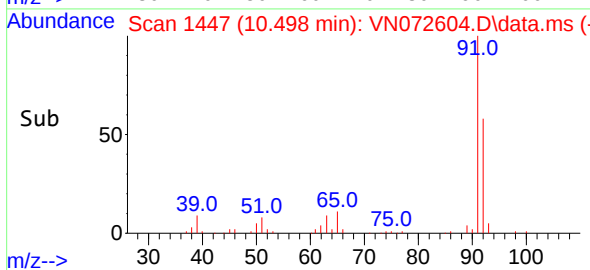
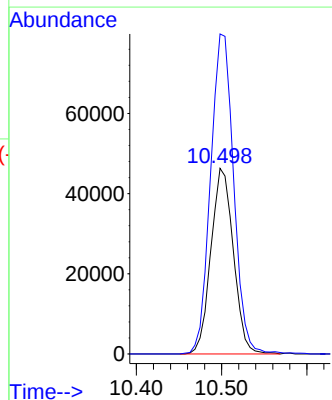
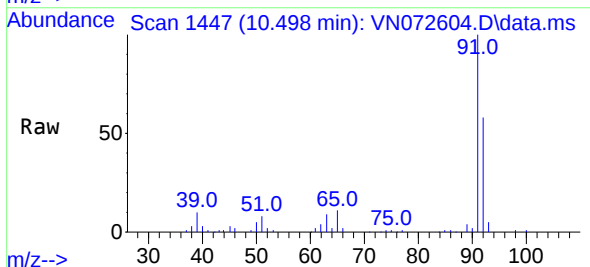
Manual Integrations
APPROVED

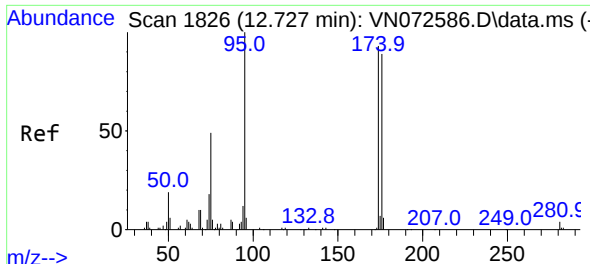
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 18.531 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

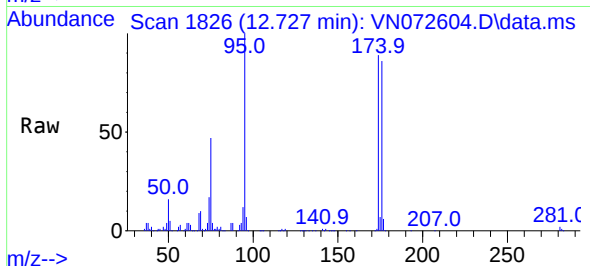
Tgt Ion: 92 Resp: 84886
Ion Ratio Lower Upper
92 100
91 177.4 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 91.575 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

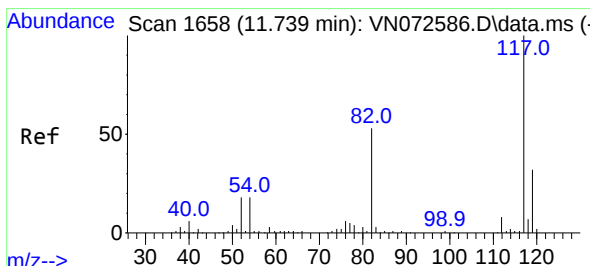
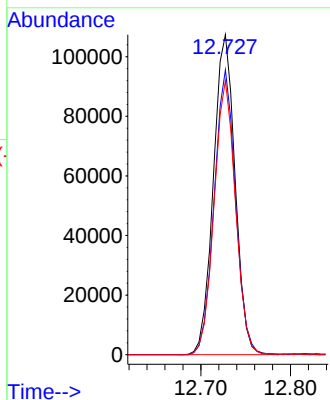
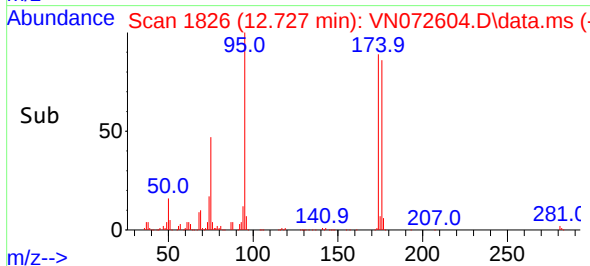
Instrument :
MSVOA_N
ClientSampleId :
MW-27



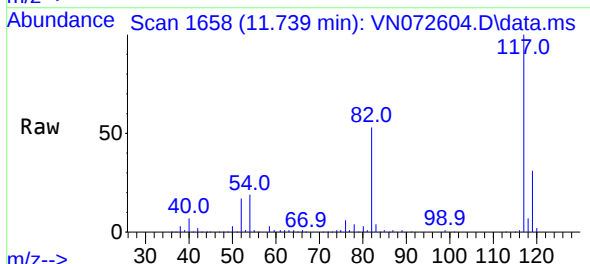
Tgt Ion: 95 Resp: 180192
Ion Ratio Lower Upper
95 100
174 87.5 0.0 167.6
176 84.4 0.0 163.4

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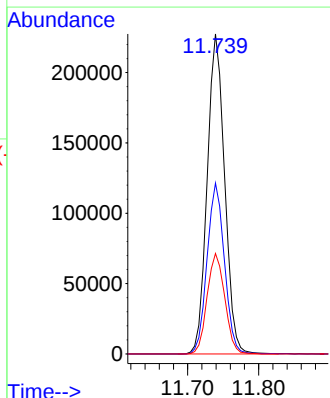
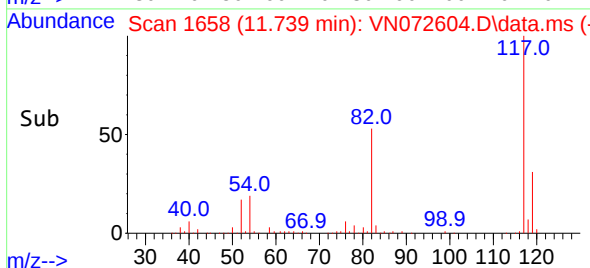
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

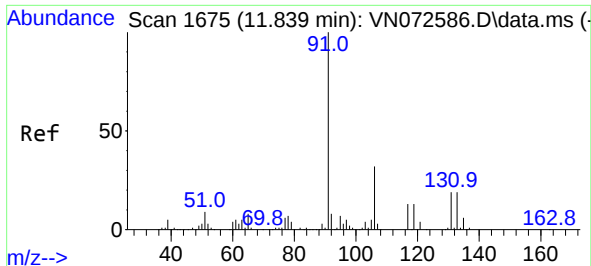


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31



Tgt Ion:117 Resp: 388226
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 31.4 25.4 38.0





#67

Ethyl Benzene

Concen: 78.243 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072604.D

Acq: 24 May 2022 22:31

Instrument :

MSVOA_N

ClientSampleId :

MW-27

Tgt Ion: 91 Resp: 1156938

Ion Ratio Lower Upper

91 100

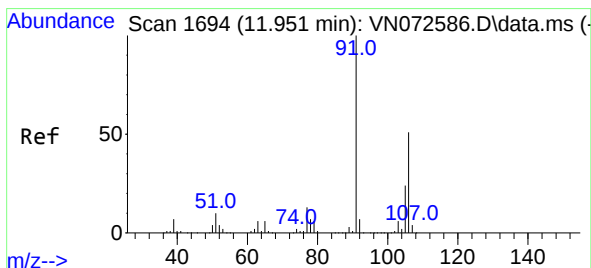
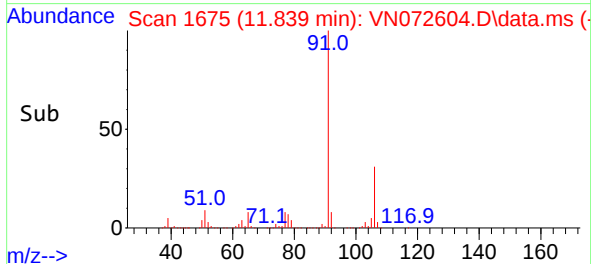
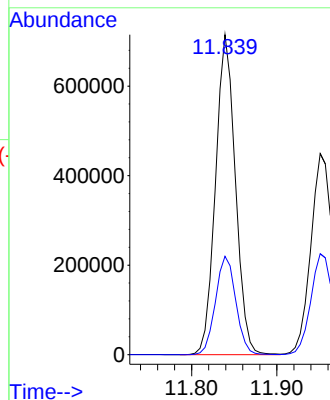
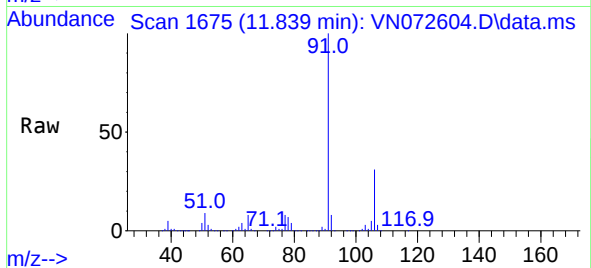
106 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#68

m/p-Xylenes

Concen: 70.975 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VN072604.D

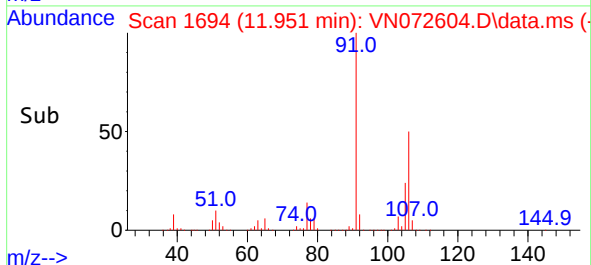
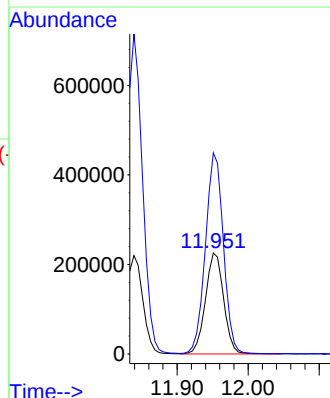
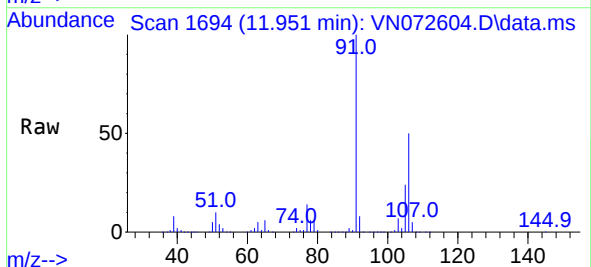
Acq: 24 May 2022 22:31

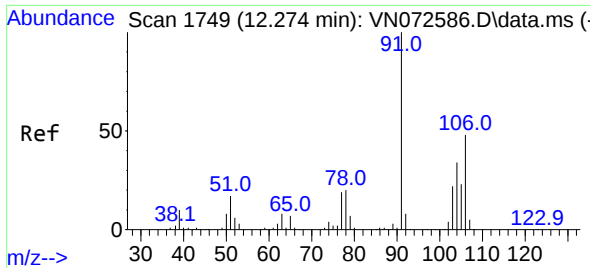
Tgt Ion:106 Resp: 400016

Ion Ratio Lower Upper

106 100

91 197.7 158.9 238.3





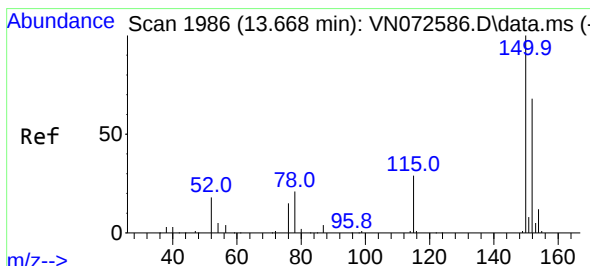
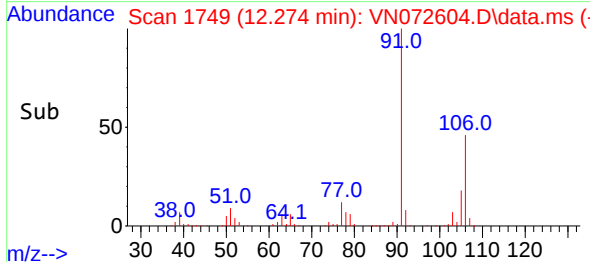
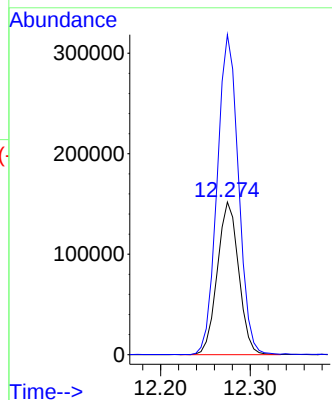
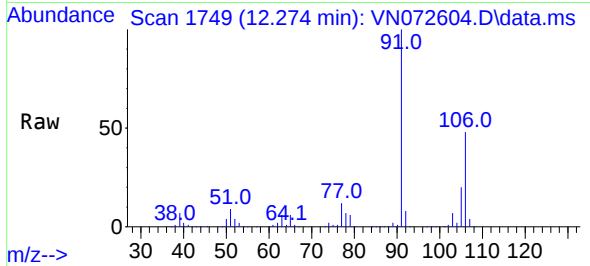
#69
o-Xylene
Concen: 46.097 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27

Tgt Ion:106 Resp: 25115
Ion Ratio Lower Upper
106 100
91 209.2 106.0 318.0

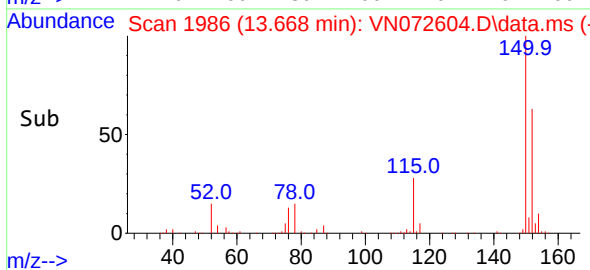
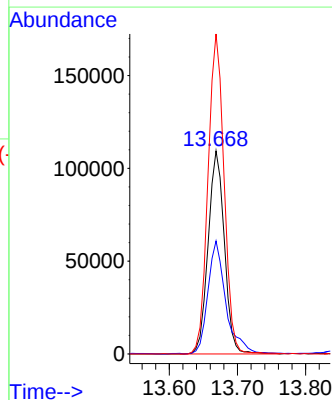
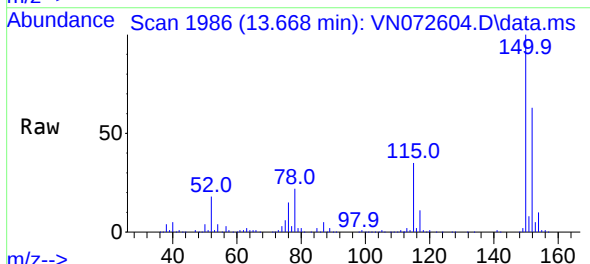
Manual Integrations
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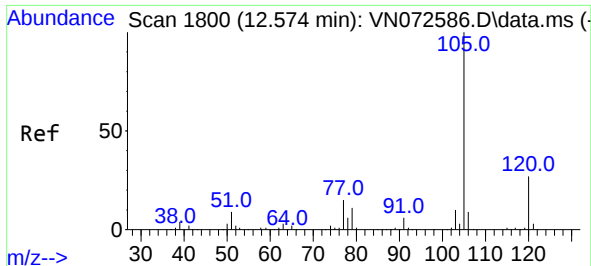
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Tgt Ion:152 Resp: 181427
Ion Ratio Lower Upper
152 100
115 62.3 28.9 86.7
150 156.1 0.0 356.2





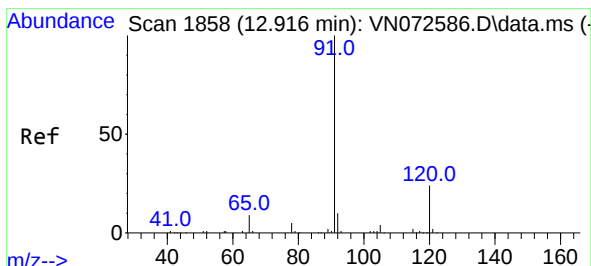
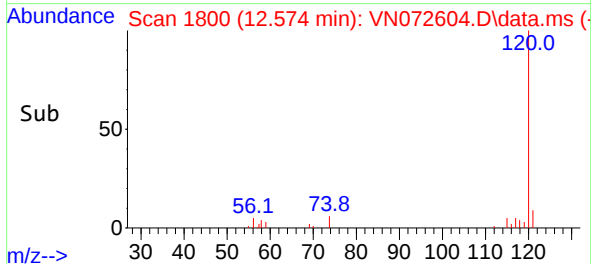
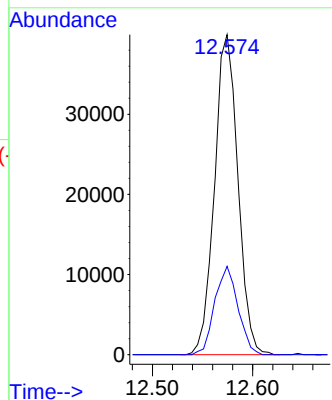
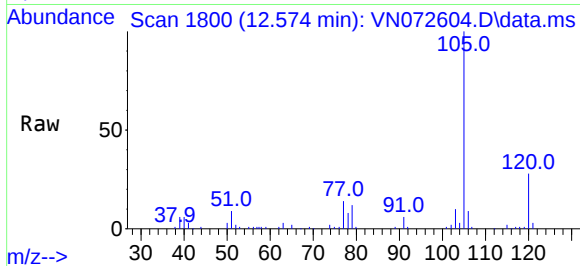
#73
Isopropylbenzene
Concen: 3.999 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27

Tgt Ion:105 Resp: 64625
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

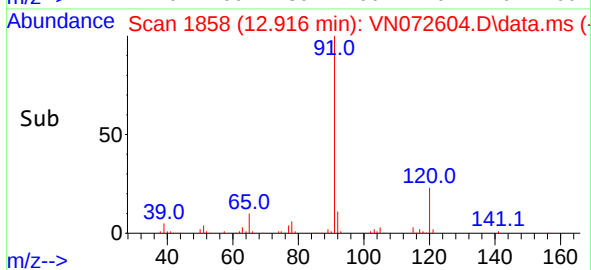
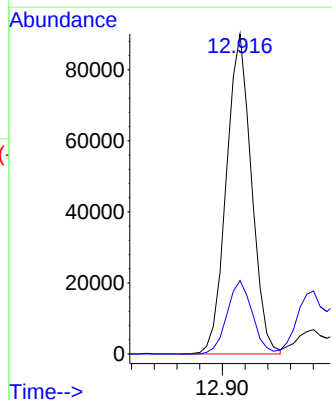
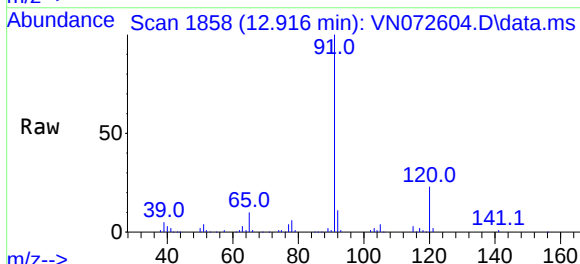
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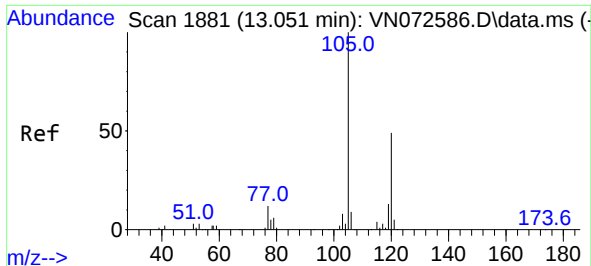
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#78
n-propylbenzene
Concen: 7.708 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

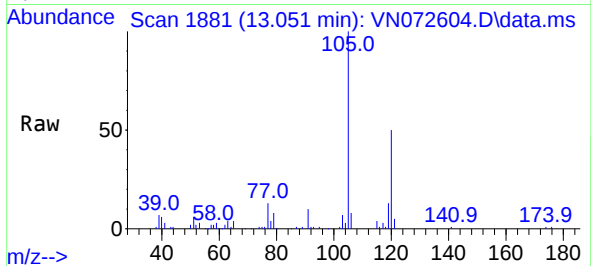
Tgt Ion: 91 Resp: 138125
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 5.342 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

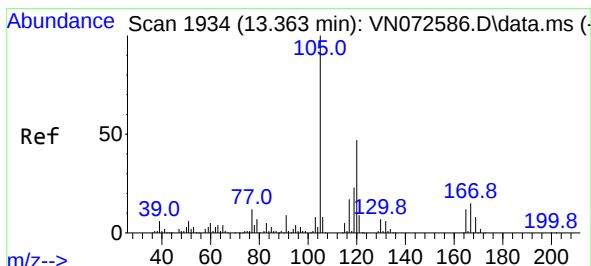
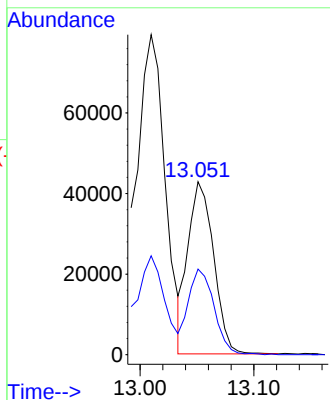
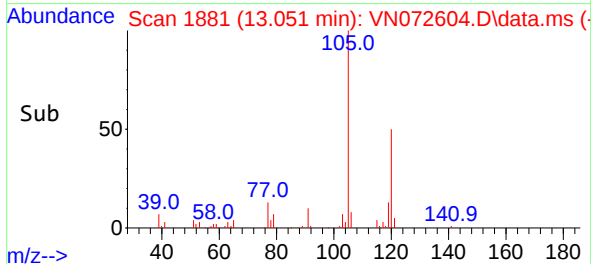
Instrument :
MSVOA_N
ClientSampleId :
MW-27



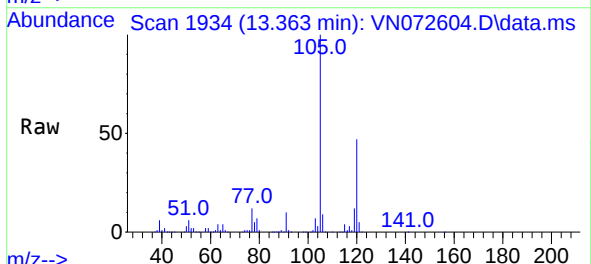
Tgt Ion:105 Resp: 6715
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7

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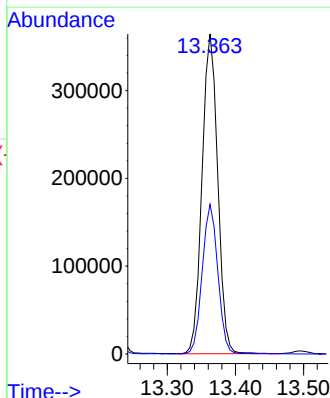
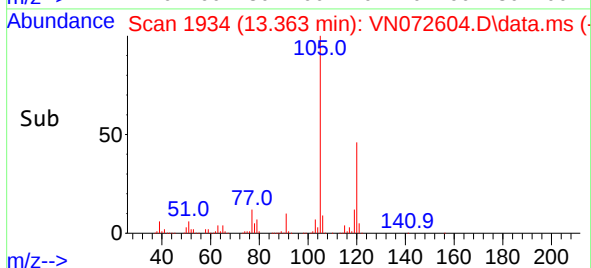
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

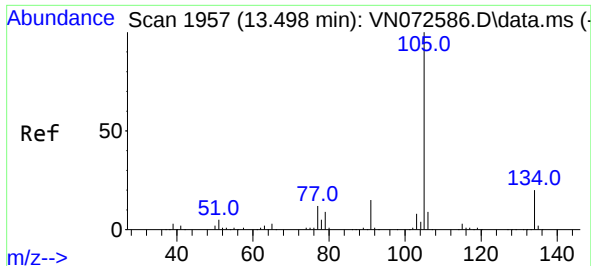


#84
1,2,4-Trimethylbenzene
Concen: 47.266 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31



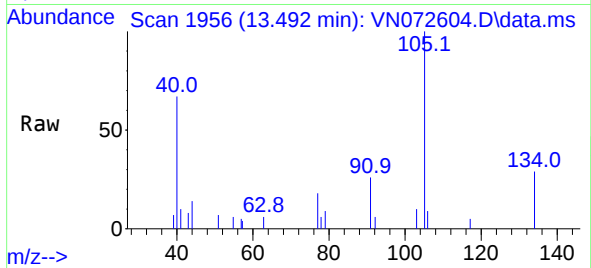
Tgt Ion:105 Resp: 582640
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 0.411 ug/l m
 RT: 13.492 min Scan# 1957
 Delta R.T. -0.006 min
 Lab File: VN072604.D
 Acq: 24 May 2022 22:31

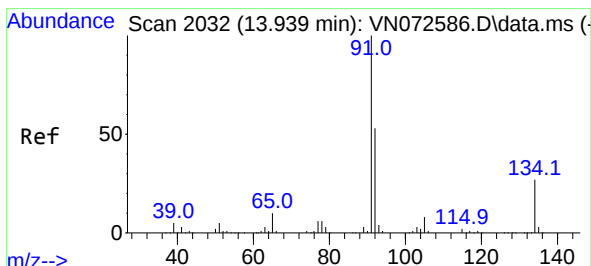
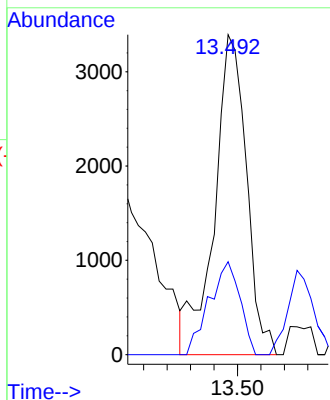
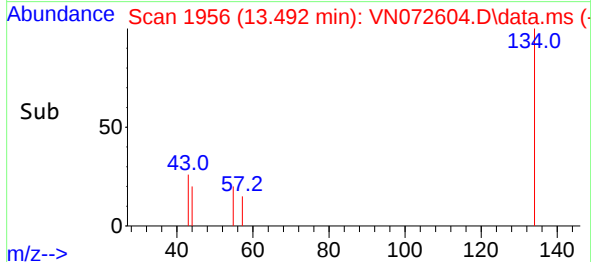
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-27



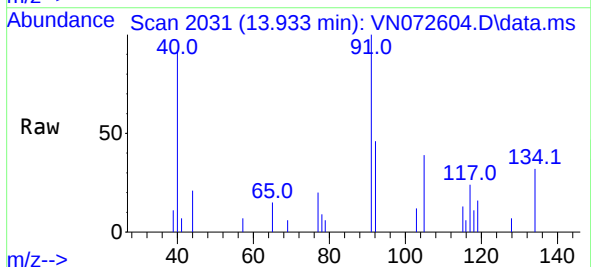
Tgt Ion:105 Resp: 643
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

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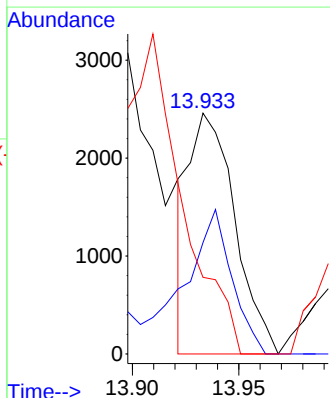
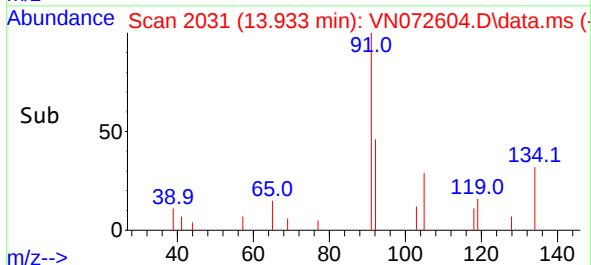
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

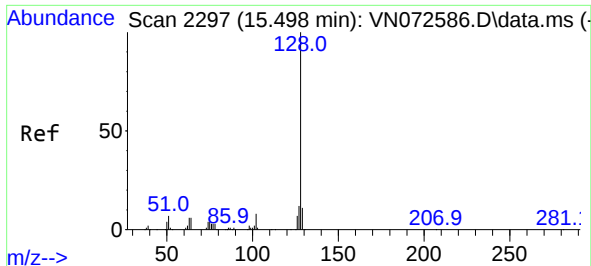


#89
 n-Butylbenzene
 Concen: 0.368 ug/l
 RT: 13.933 min Scan# 2031
 Delta R.T. -0.006 min
 Lab File: VN072604.D
 Acq: 24 May 2022 22:31



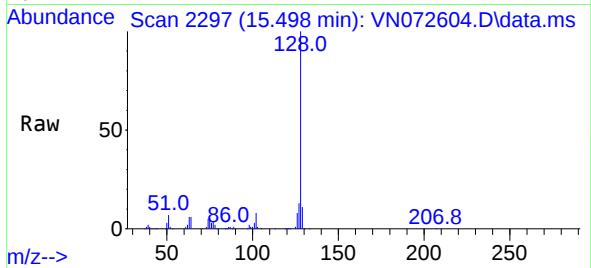
Tgt Ion: 91 Resp: 3664
 Ion Ratio Lower Upper
 91 100
 92 62.5 26.9 80.7
 134 0.0 13.6 40.8





#95
Naphthalene
Concen: 32.944 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072604.D
Acq: 24 May 2022 22:31

Instrument :
MSVOA_N
ClientSampleId :
MW-27



Tgt Ion:128 Resp: 371974
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

