

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
 Data File : VN072962.D
 Acq On : 20 Jun 2022 15:28
 Operator : JC\MD
 Sample : N3357-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-44

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/21/2022

Quant Time: Jun 21 05:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	357190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	560835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	522574	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	273025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	204121	42.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.540%		
35) Dibromofluoromethane	7.951	113	178447	51.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.960%		
50) Toluene-d8	10.375	98	586488	45.468	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.940%		
62) 4-Bromofluorobenzene	12.663	95	270244	58.264	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.520%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.287	59	43967	35.246	ug/l #	86
16) Acetone	4.251	43	11625	4.379	ug/l #	79
19) Methyl tert-butyl Ether	5.540	73	13143	1.023	ug/l #	1
25) 2-Butanone	7.269	43	7272	1.726	ug/l #	72
31) Cyclohexane	8.016	56	33036	5.057	ug/l #	73
39) Methylcyclohexane	9.392	83	59646	10.550	ug/l #	89
40) Benzene	8.386	78	26250	1.781	ug/l	96
52) Toluene	10.439	92	108442	11.982	ug/l	100
67) Ethyl Benzene	11.775	91	17300135	962.962	ug/l	97
68) m/p-Xylenes	11.892	106	7920923	1124.114	ug/l	95
69) o-Xylene	12.216	106	537875	76.392	ug/l	96
73) Isopropylbenzene	12.516	105	1089280	51.571	ug/l	99
78) n-propylbenzene	12.857	91	5012790	215.762	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	4413811	254.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.298	105	18001153	1041.686	ug/l	94
85) sec-Butylbenzene	13.433	105	257432m	12.145	ug/l	
86) p-Isopropyltoluene	13.551	119	106206	6.189	ug/l #	78
89) n-Butylbenzene	13.874	91	353330	25.214	ug/l #	65
95) Naphthalene	15.427	128	10534416	499.457	ug/l	99

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

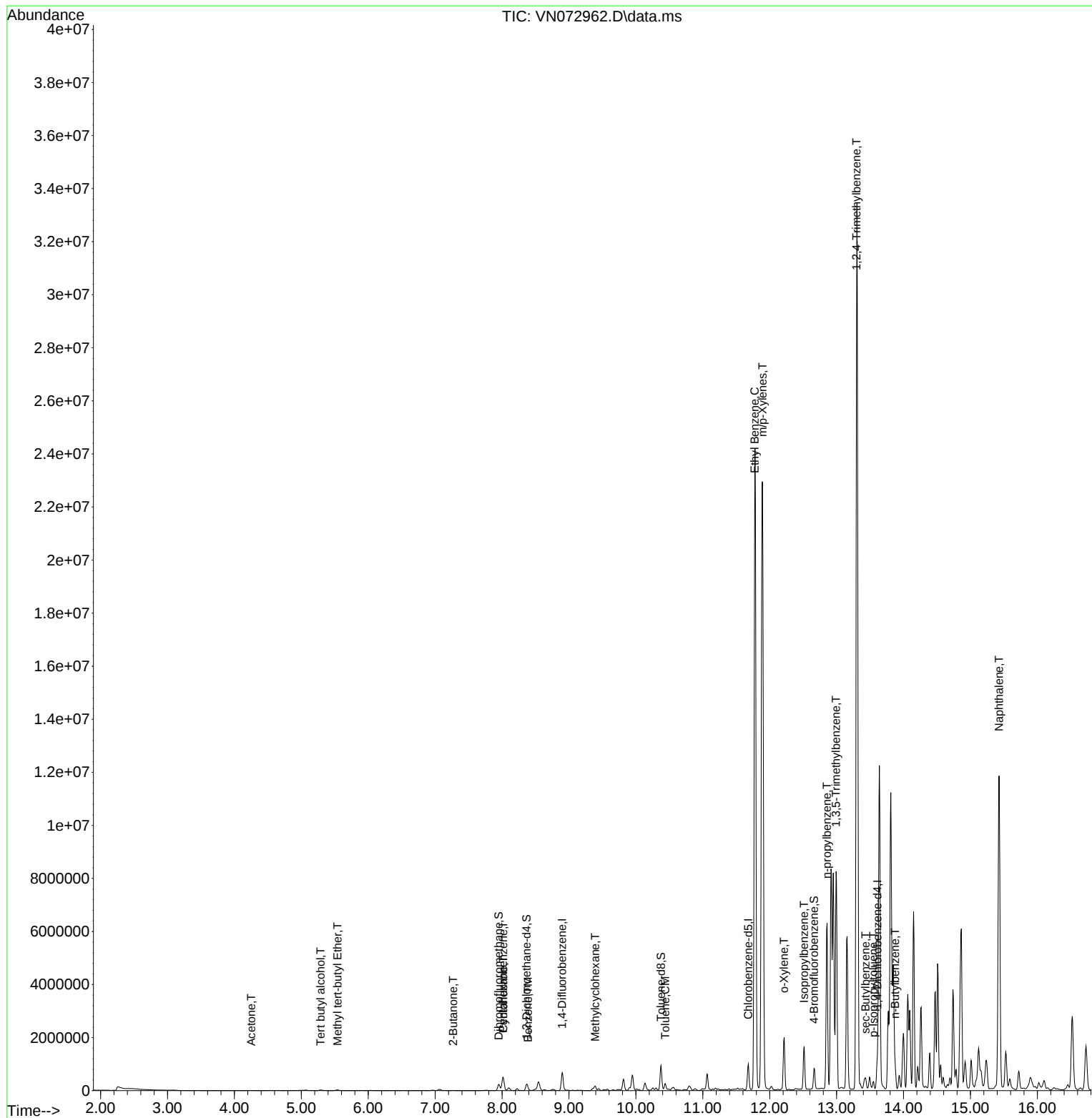
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062022\
Data File : VN072962.D
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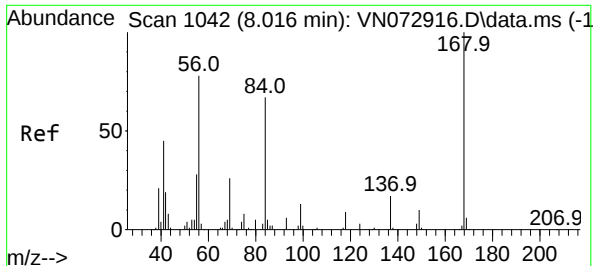
Instrument :
MSVOA_N
ClientSampleId :
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Quant Time: Jun 21 05:55:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

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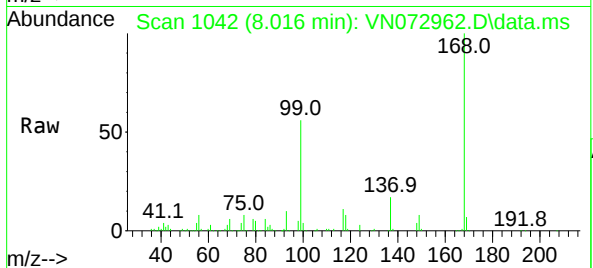
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

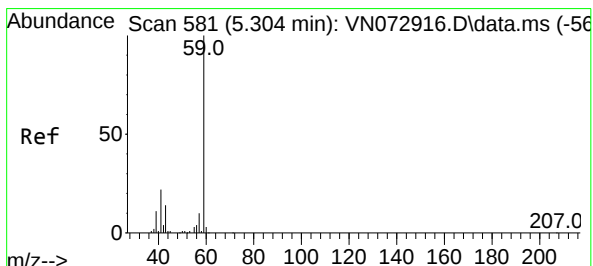
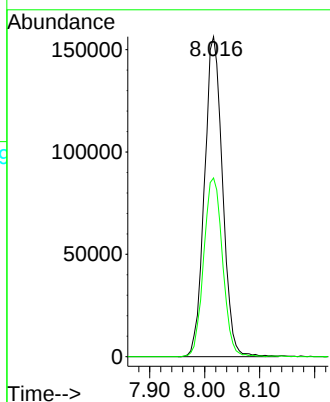
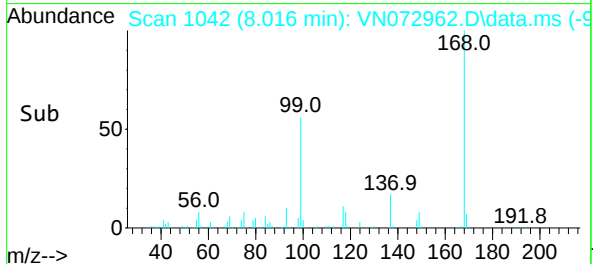
Instrument :
MSVOA_N
ClientSampleId :
MW-44



Tgt Ion:168 Resp: 357190
Ion Ratio Lower Upper
168 100
99 55.9 42.3 63.5

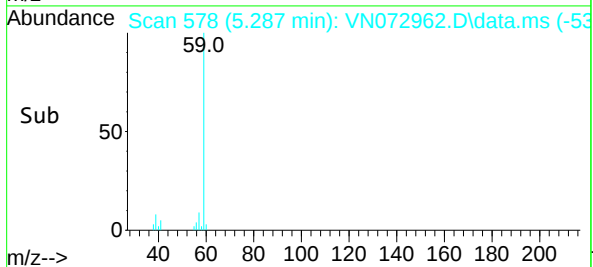
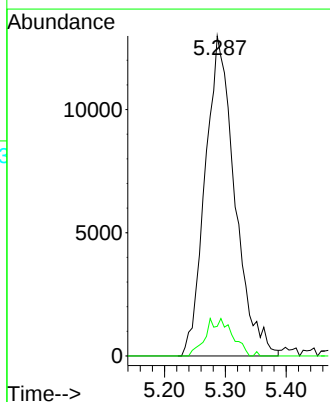
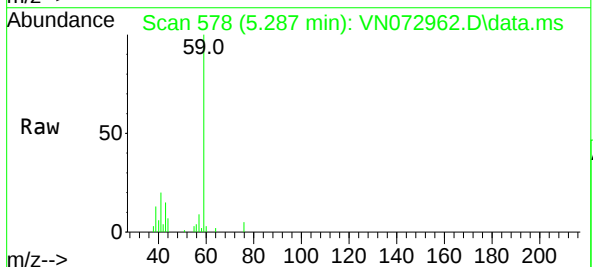
Manual Integrations
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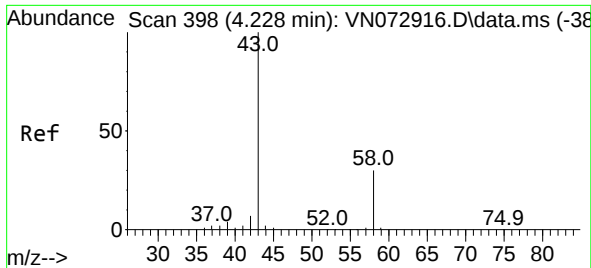
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#11
Tert butyl alcohol
Concen: 35.246 ug/l
RT: 5.287 min Scan# 578
Delta R.T. -0.018 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Tgt Ion: 59 Resp: 43967
Ion Ratio Lower Upper
59 100
57 5.0 8.3 12.5#





#16

Acetone

Concen: 4.379 ug/l

RT: 4.251 min Scan# 402

Delta R.T. 0.024 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-44

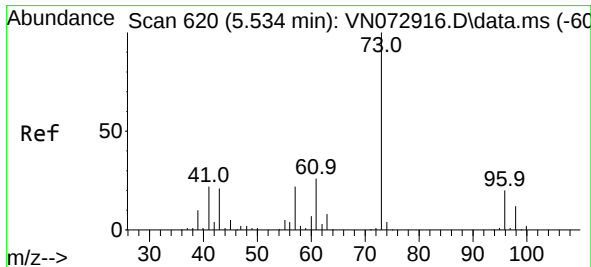
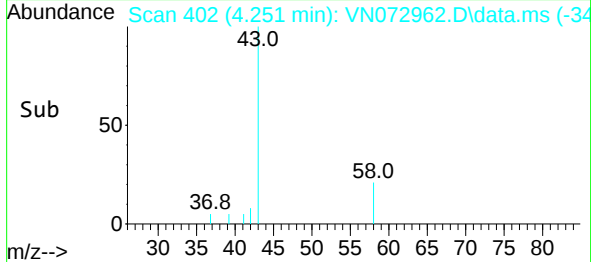
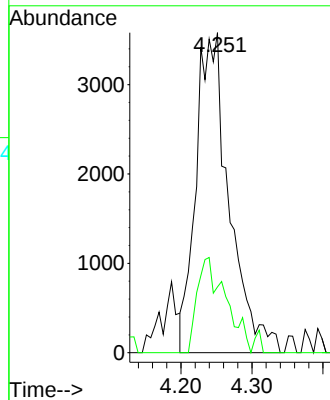
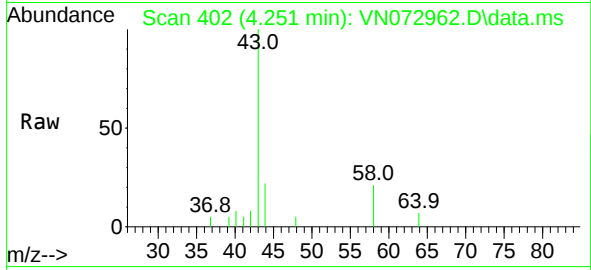
Tgt Ion: 43 Resp: 11625
 Ion Ratio Lower Upper
 43 100
 58 20.6 26.0 39.0

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#19

Methyl tert-butyl Ether

Concen: 1.023 ug/l

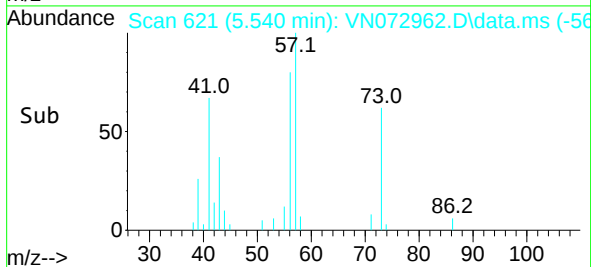
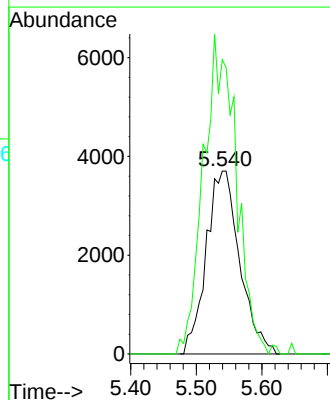
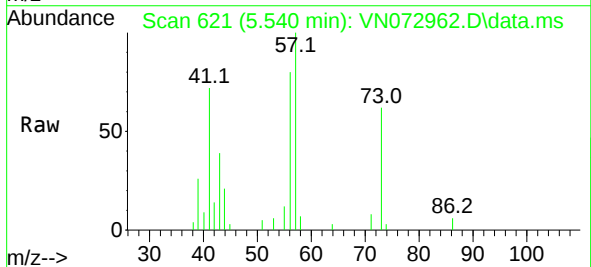
RT: 5.540 min Scan# 621

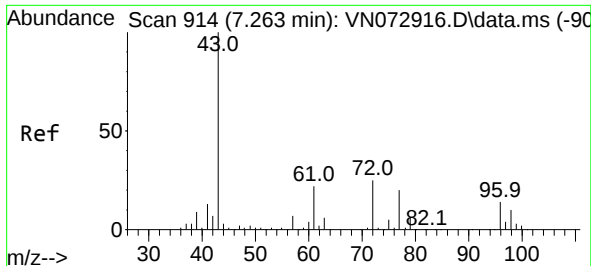
Delta R.T. 0.006 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

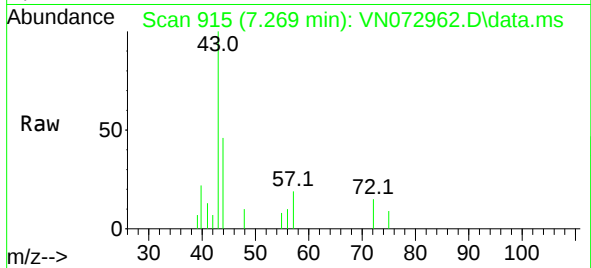
Tgt Ion: 73 Resp: 13143
 Ion Ratio Lower Upper
 73 100
 57 160.9 17.6 26.4





#25
2-Butanone
Concen: 1.726 ug/l
RT: 7.269 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

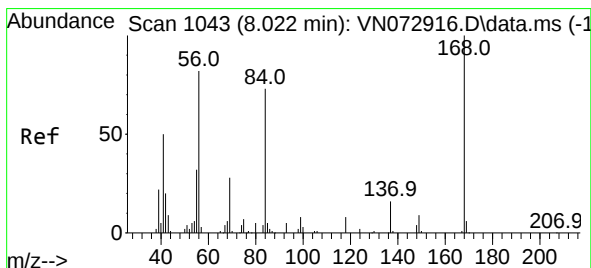
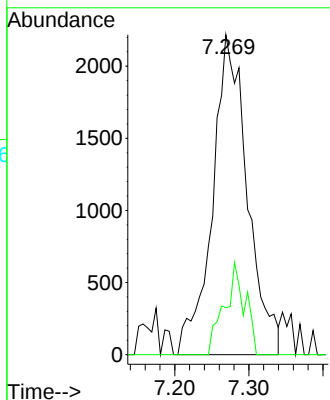
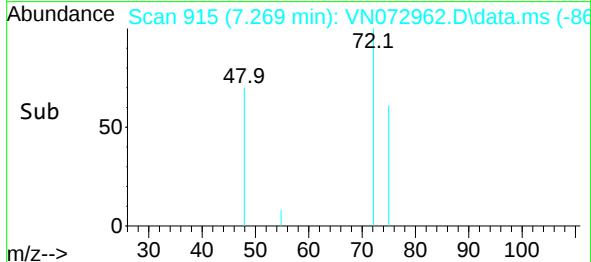
Instrument :
MSVOA_N
Client SampleId :
MW-44



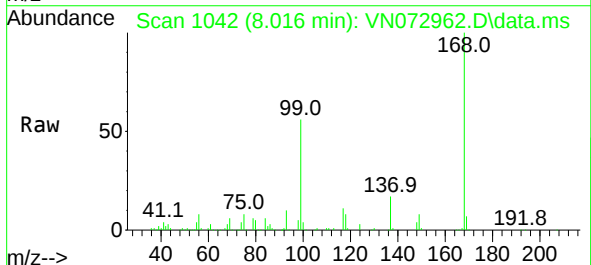
Tgt Ion: 43 Resp: 7272
Ion Ratio Lower Upper
43 100
72 14.7 23.7 35.5

Manual Integrations
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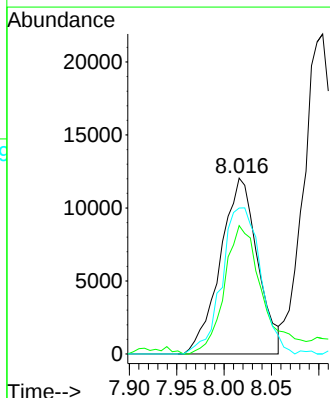
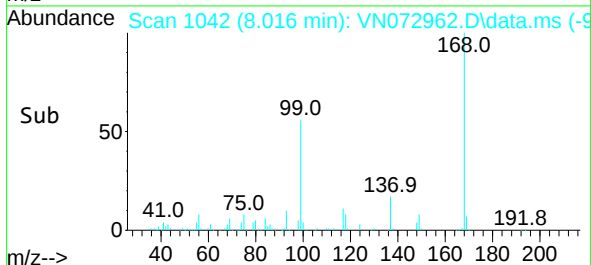
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

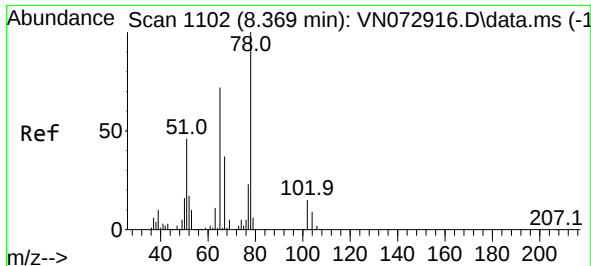


#31
Cyclohexane
Concen: 5.057 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28



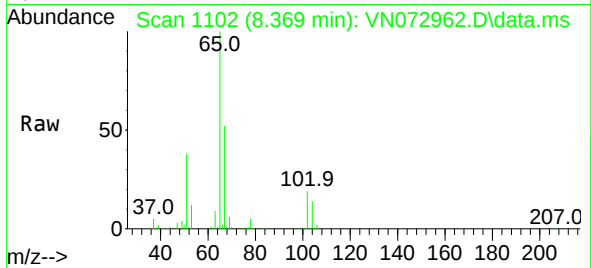
Tgt Ion: 56 Resp: 33036
Ion Ratio Lower Upper
56 100
69 71.3 27.8 41.8#
84 83.0 76.9 115.3





#33
1,2-Dichloroethane-d4
Concen: 42.269 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

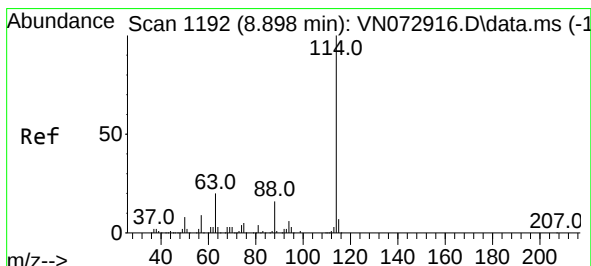
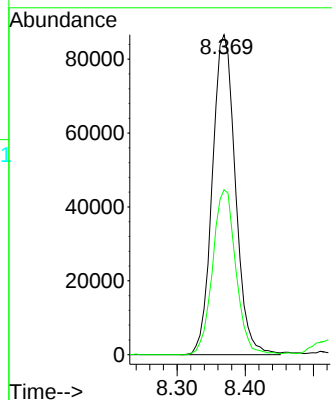
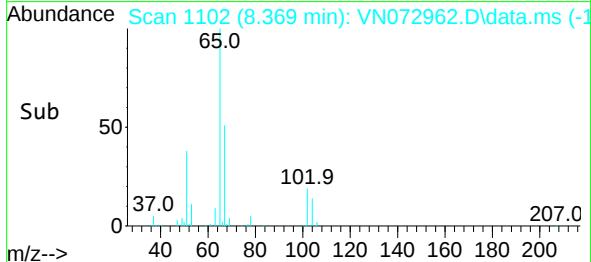
Instrument :
MSVOA_N
ClientSampleId :
MW-44



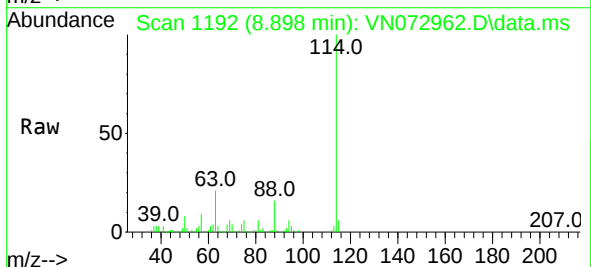
Tgt Ion: 65 Resp: 20412
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.8

Manual Integrations
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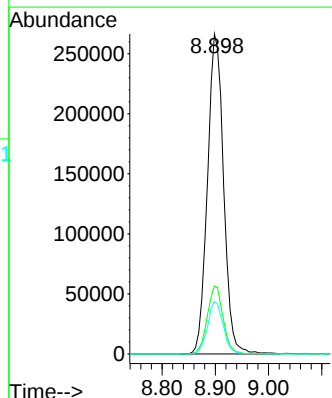
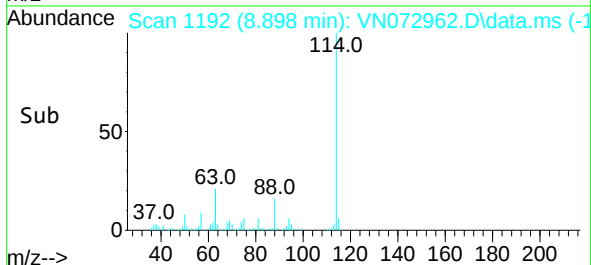
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

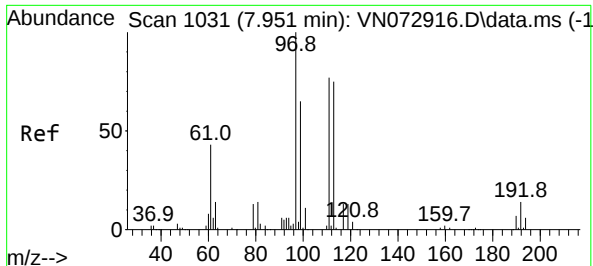


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28



Tgt Ion:114 Resp: 560835
Ion Ratio Lower Upper
114 100
63 21.3 0.0 40.0
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.478 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-44

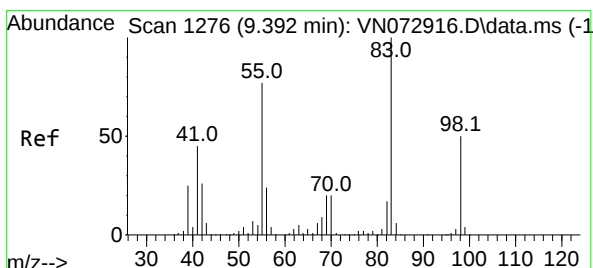
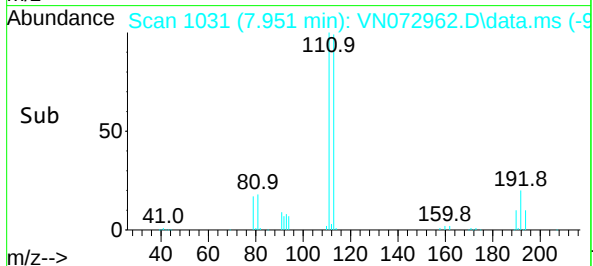
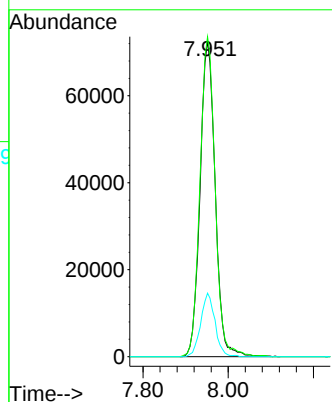
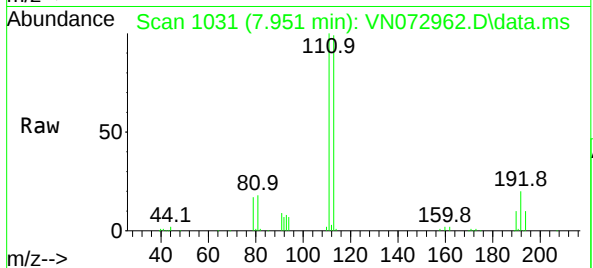
Tgt Ion:	113	Resp:	17844
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.0
192	19.1	17.0	25.6

Manual Integrations

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Supervised By :Mahesh Dadoda 06/21/2022



#39

Methylcyclohexane

Concen: 10.550 ug/l

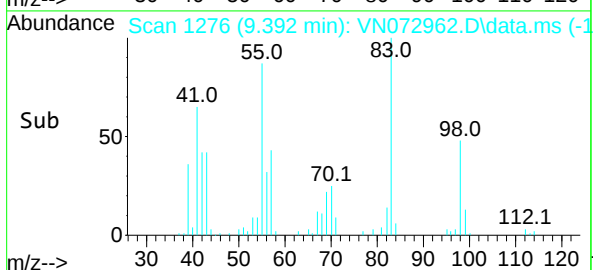
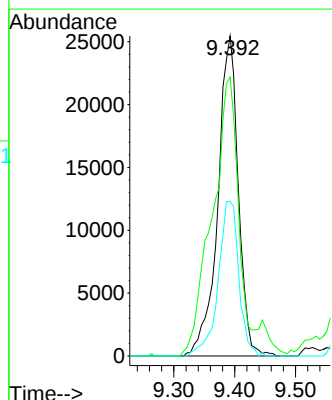
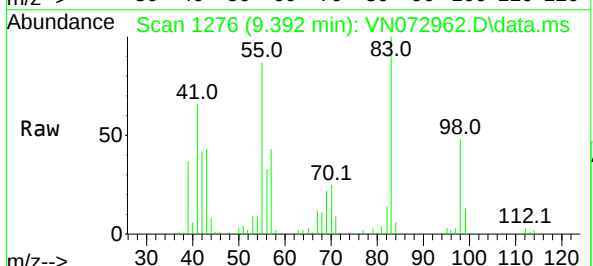
RT: 9.392 min Scan# 1276

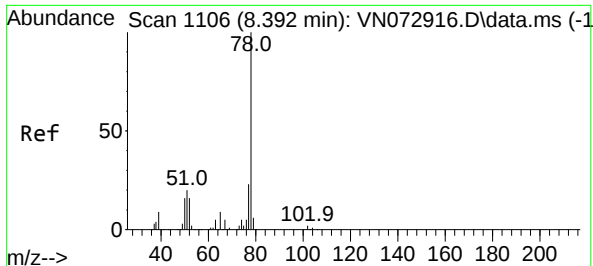
Delta R.T. 0.000 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

Tgt Ion:	83	Resp:	59646
Ion	Ratio	Lower	Upper
83	100		
55	87.1	57.8	86.8#
98	48.4	39.4	59.2





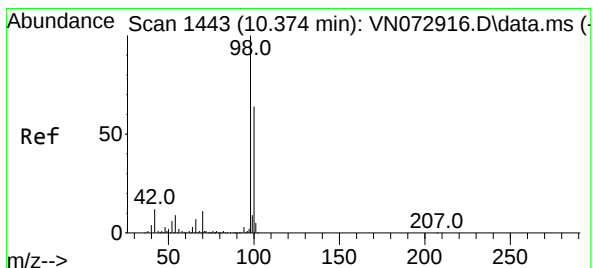
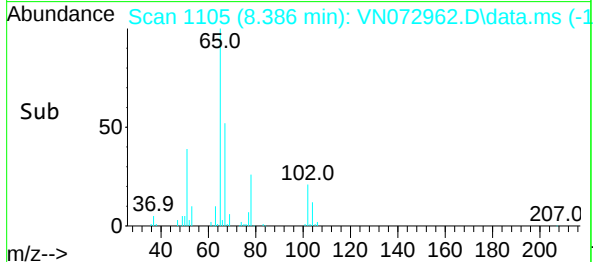
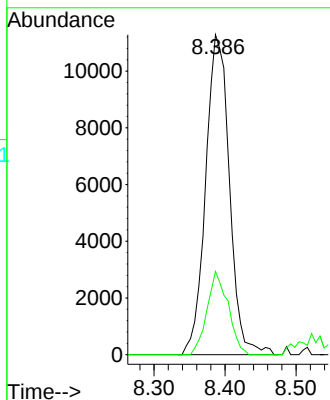
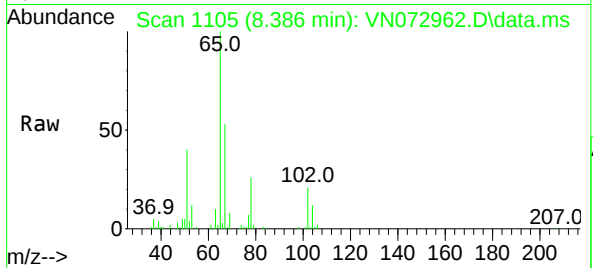
#40
Benzene
Concen: 1.781 ug/l
RT: 8.386 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Instrument :
MSVOA_N
ClientSampleId :
MW-44

Tgt Ion: 78 Resp: 26250
Ion Ratio Lower Upper
78 100
77 26.0 19.4 29.0

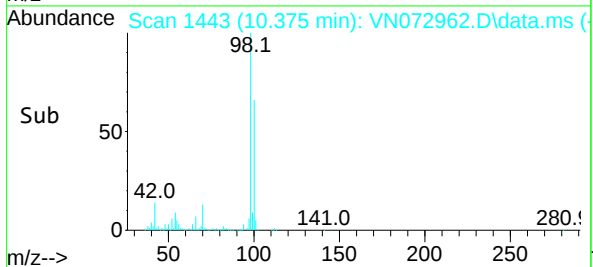
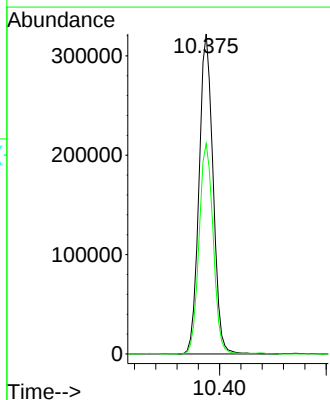
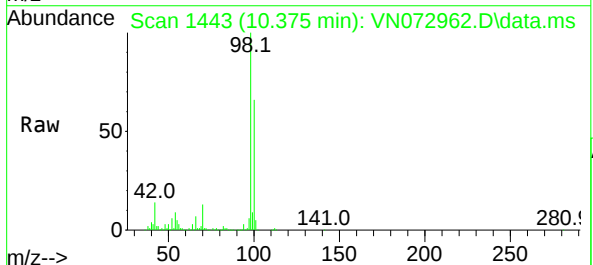
Manual Integrations
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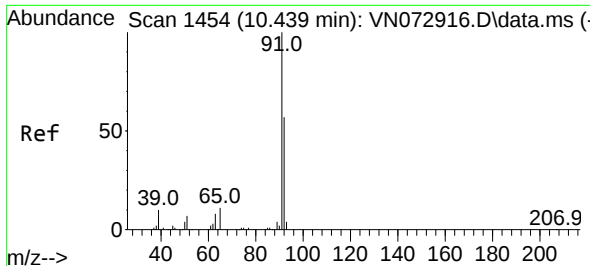
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#50
Toluene-d8
Concen: 45.468 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

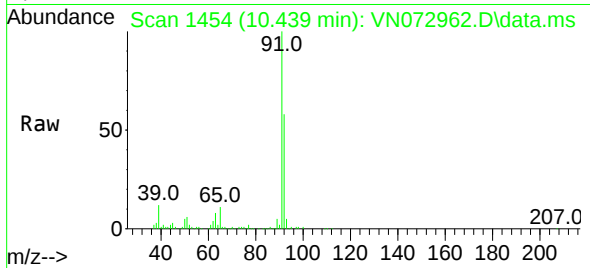
Tgt Ion: 98 Resp: 586488
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





#52
Toluene
Concen: 11.982 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

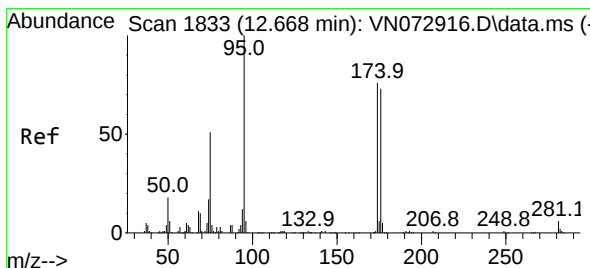
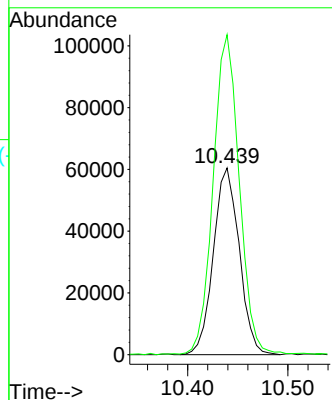
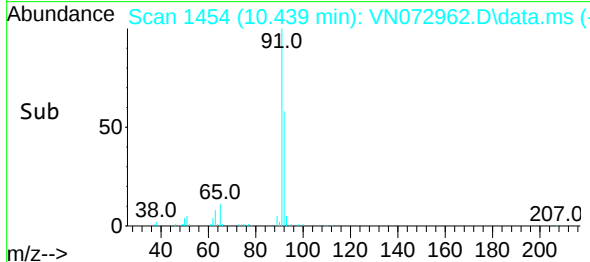
Instrument :
MSVOA_N
ClientSampleId :
MW-44



Tgt Ion: 92 Resp: 10844
Ion Ratio Lower Upper
92 100
91 173.2 138.6 207.8

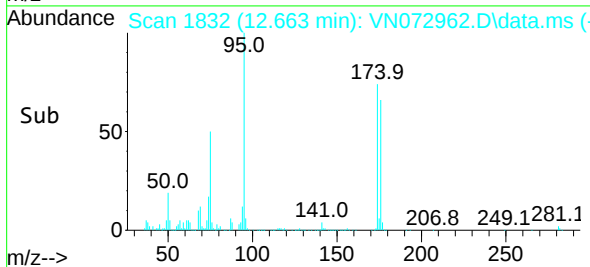
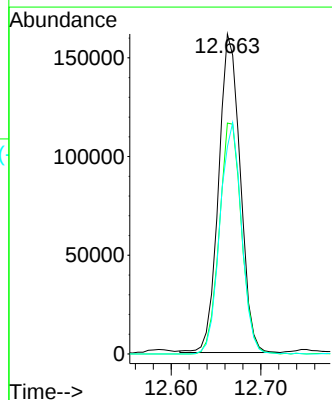
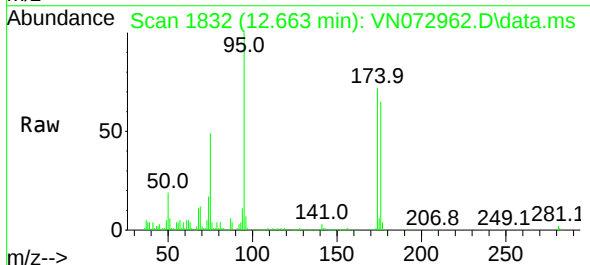
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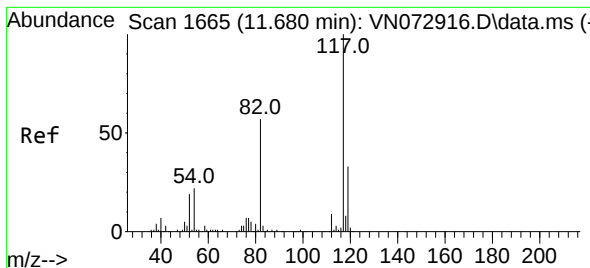
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#62
4-Bromofluorobenzene
Concen: 58.264 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Tgt Ion: 95 Resp: 270244
Ion Ratio Lower Upper
95 100
174 74.2 0.0 167.6
176 72.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-44

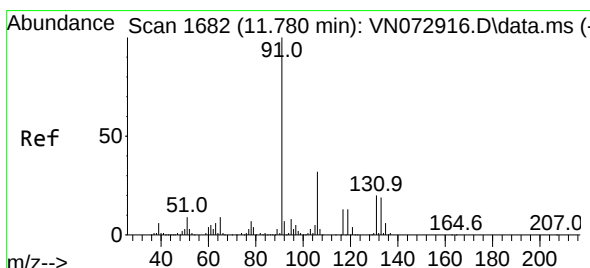
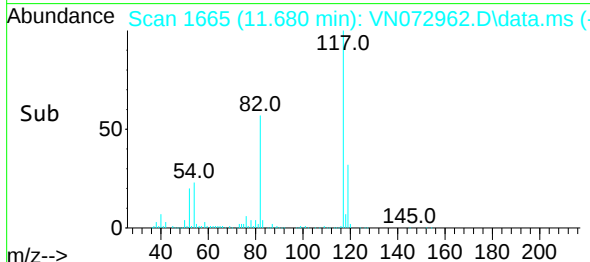
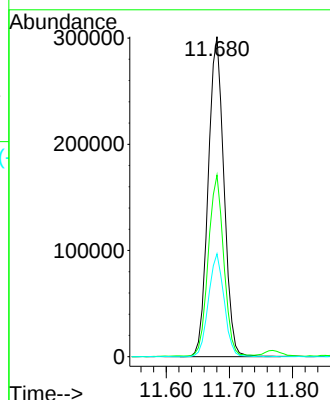
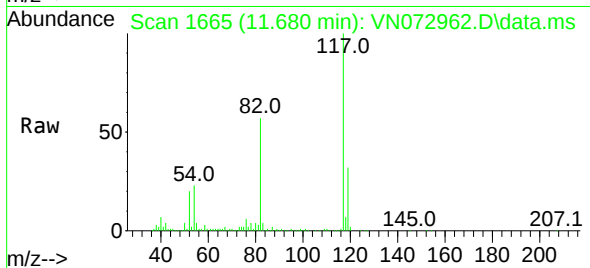
Tgt Ion:	117	Resp:	522574
Ion	Ratio	Lower	Upper
117	100		
82	56.5	44.2	66.2
119	32.2	25.4	38.0

Manual Integrations

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#67

Ethyl Benzene

Concen: 962.962 ug/l

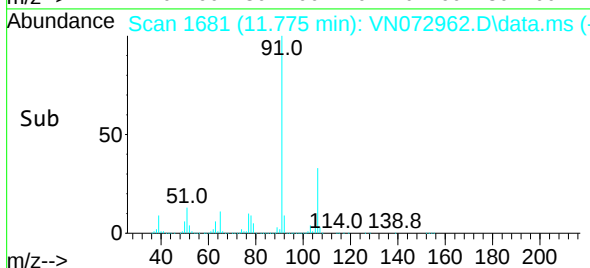
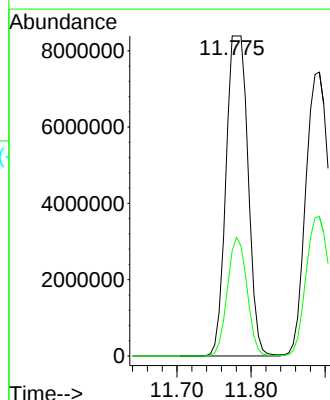
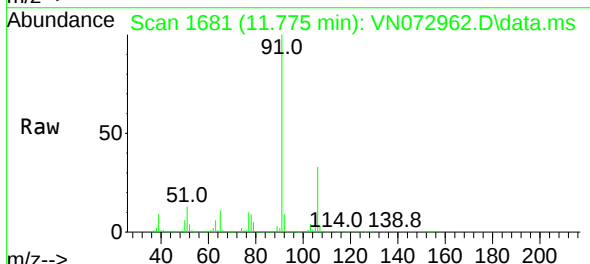
RT: 11.775 min Scan# 1681

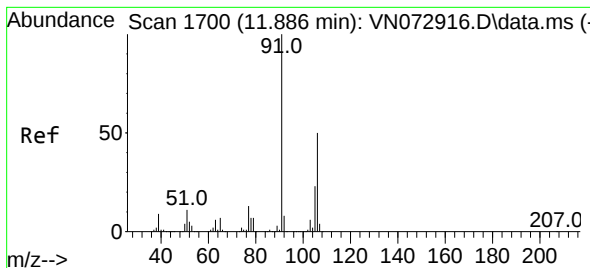
Delta R.T. -0.006 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

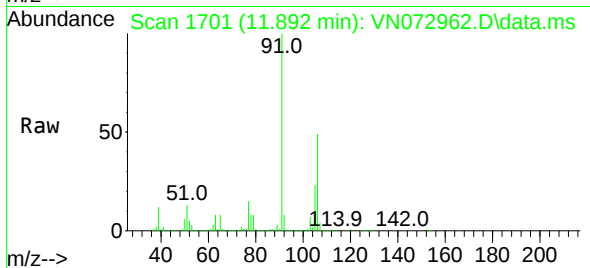
Tgt Ion:	91	Resp:	17300135
Ion	Ratio	Lower	Upper
91	100		
106	32.9	24.9	37.3





#68
m/p-Xylenes
Concen: 1124.114 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

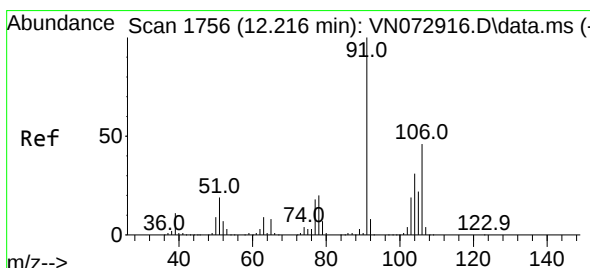
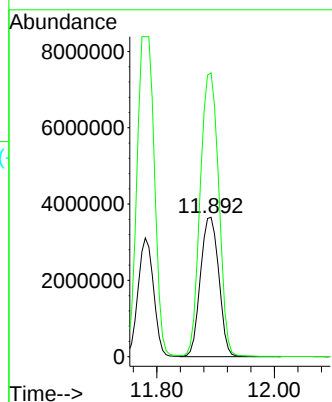
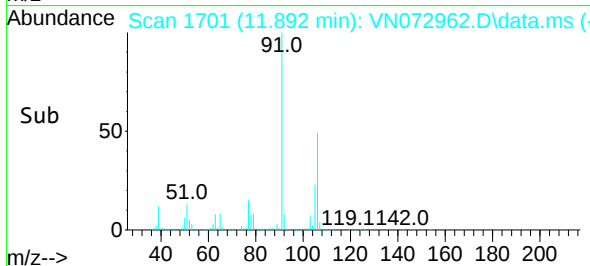
Instrument :
MSVOA_N
ClientSampleId :
MW-44



Tgt Ion:106 Resp: 792092
Ion Ratio Lower Upper
106 100
91 205.9 158.9 238.3

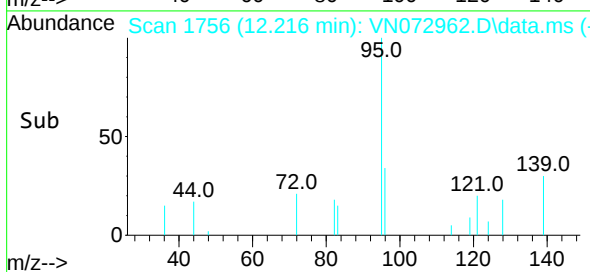
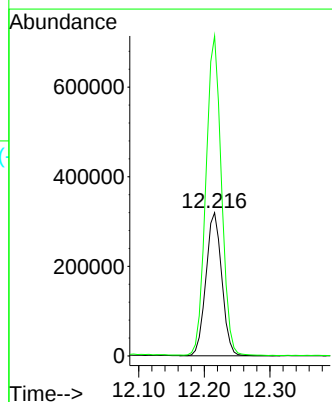
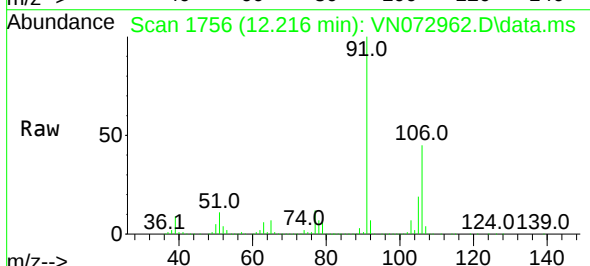
Manual Integrations
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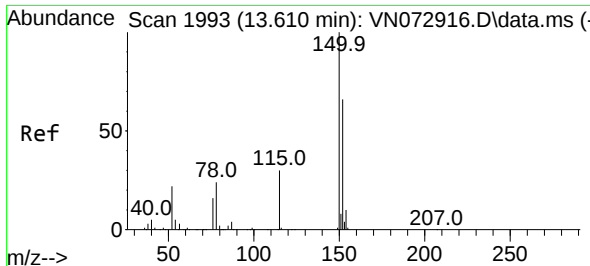
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#69
o-Xylene
Concen: 76.392 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

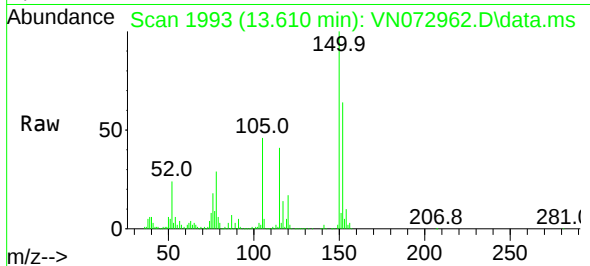
Tgt Ion:106 Resp: 537875
Ion Ratio Lower Upper
106 100
91 218.9 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

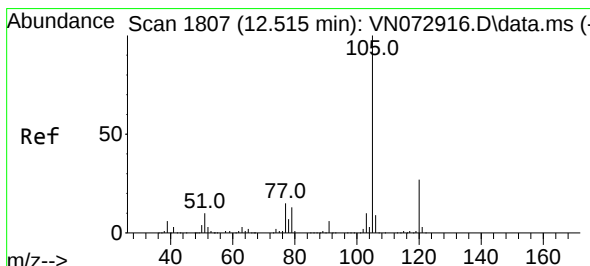
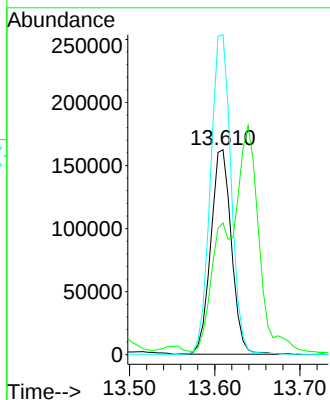
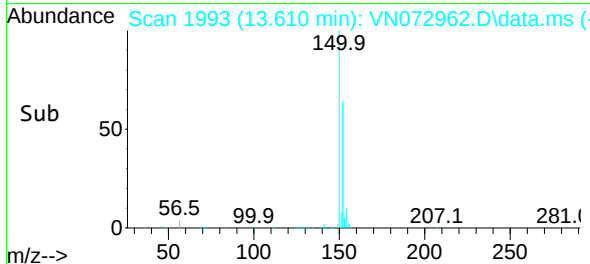
Instrument :
MSVOA_N
ClientSampleId :
MW-44



Tgt Ion:152 Resp: 273025
Ion Ratio Lower Upper
152 100
115 53.8 28.9 86.7
150 156.3 0.0 356.2

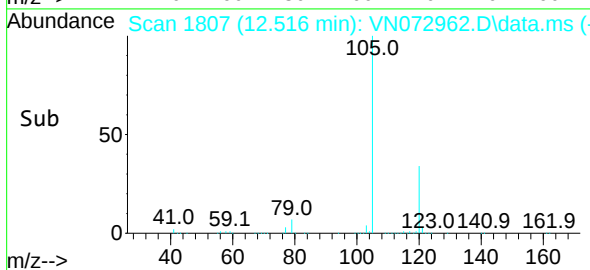
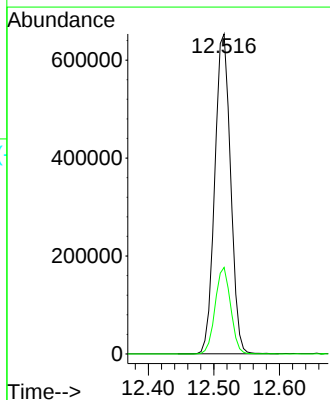
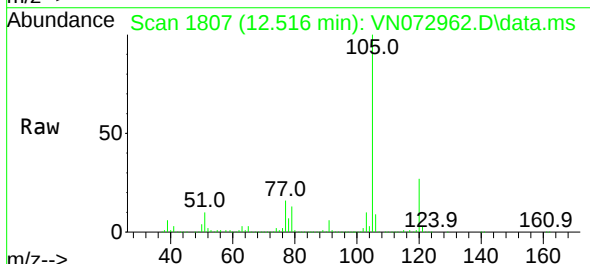
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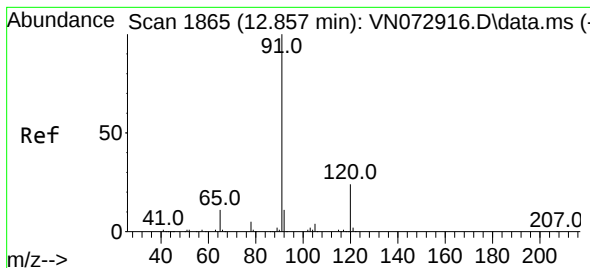
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#73
Isopropylbenzene
Concen: 51.571 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Tgt Ion:105 Resp: 1089280
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4





#78

n-propylbenzene

Concen: 215.762 ug/l

RT: 12.857 min Scan# 1865

Delta R.T. 0.000 min

Lab File: VN072962.D

Acq: 20 Jun 2022 15:28

Instrument :

MSVOA_N

ClientSampleId :

MW-44

Tgt Ion: 91 Resp: 5012790

Ion Ratio Lower Upper

91 100

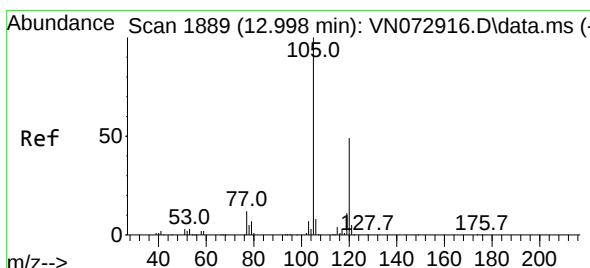
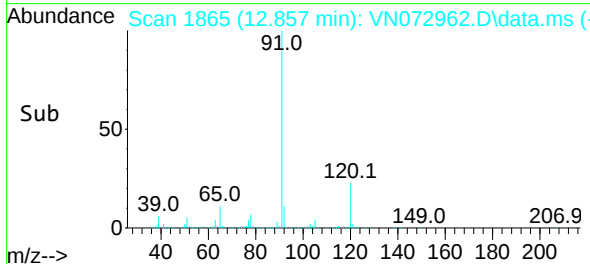
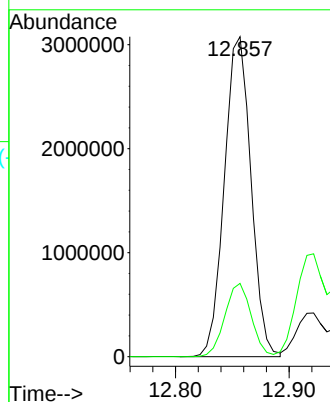
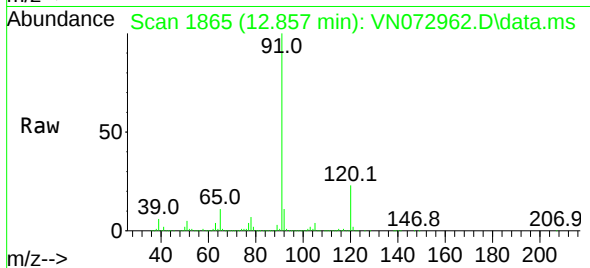
120 22.7 11.9 35.5

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Reviewed By :John Carlone 06/21/2022

Supervised By :Mahesh Dadoda 06/21/2022



#80

1,3,5-Trimethylbenzene

Concen: 254.400 ug/l

RT: 12.992 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VN072962.D

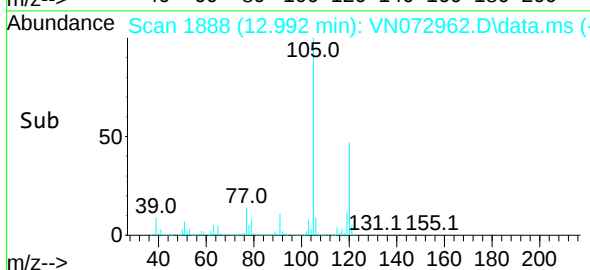
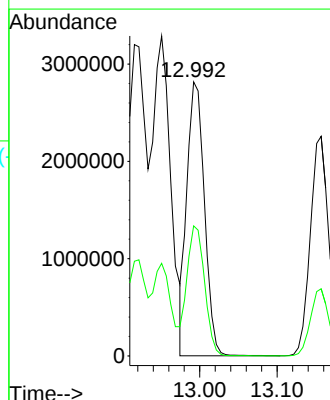
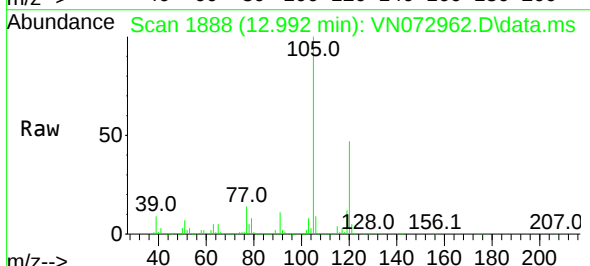
Acq: 20 Jun 2022 15:28

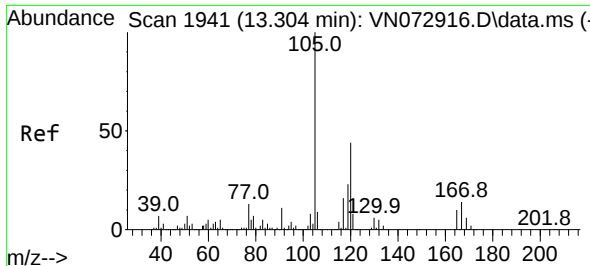
Tgt Ion:105 Resp: 4413811

Ion Ratio Lower Upper

105 100

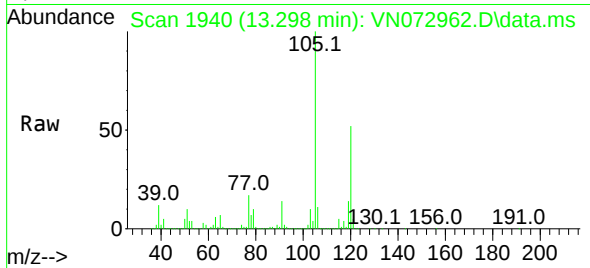
120 50.2 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 1041.686 ug/l
RT: 13.298 min Scan# 1940
Delta R.T. -0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

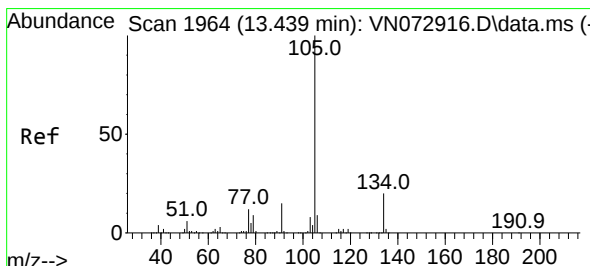
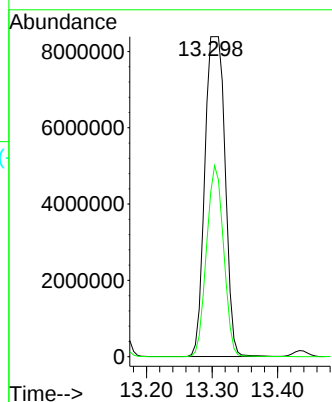
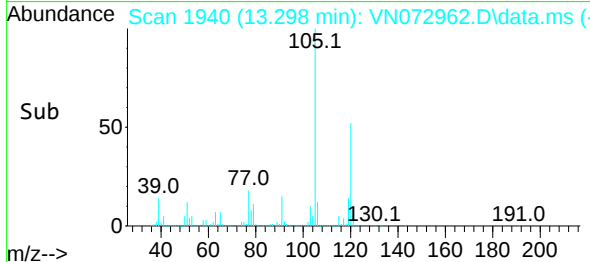
Instrument :
MSVOA_N
ClientSampleId :
MW-44



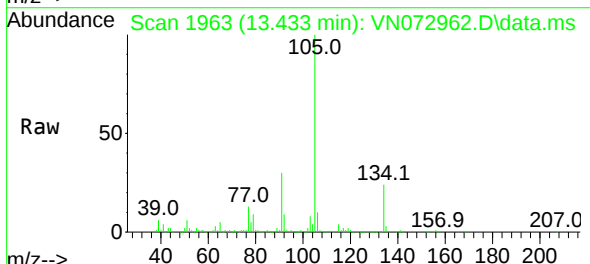
Tgt Ion:105 Resp:1800115
Ion Ratio Lower Upper
105 100
120 50.4 23.3 69.8

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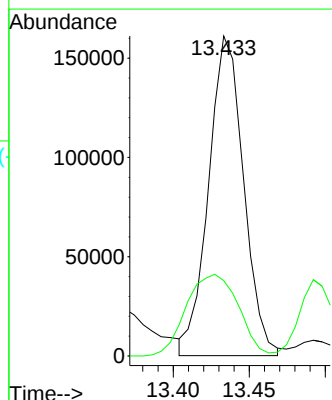
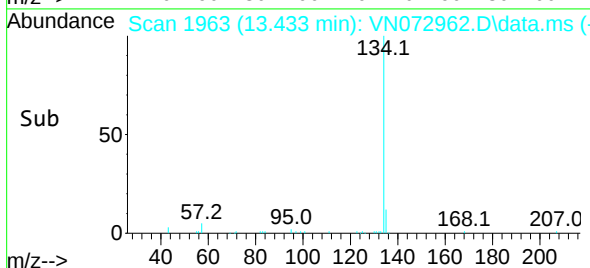
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

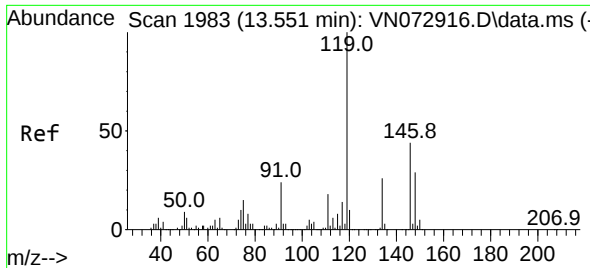


#85
sec-Butylbenzene
Concen: 12.145 ug/l m
RT: 13.433 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28



Tgt Ion:105 Resp: 257432
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





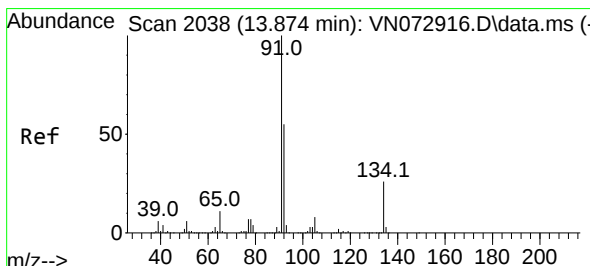
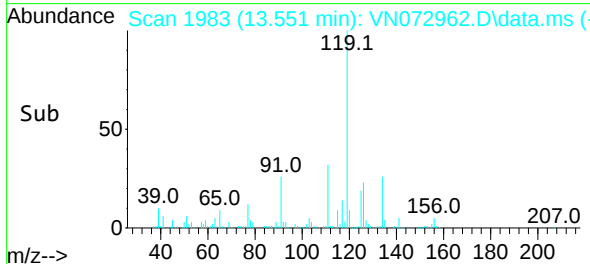
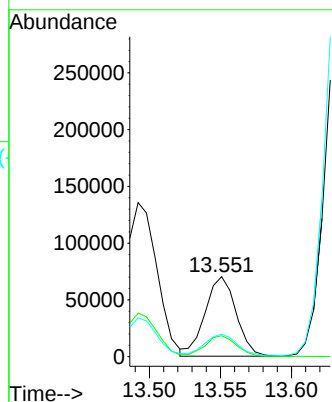
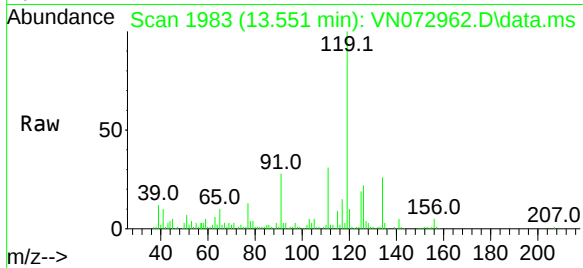
#86
p-Isopropyltoluene
Concen: 6.189 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Instrument :
MSVOA_N
ClientSampleId :
MW-44

Tgt Ion: 119 Resp: 106200
Ion Ratio Lower Upper
119 100
134 26.1 13.3 39.8
91 0.0 11.3 33.9

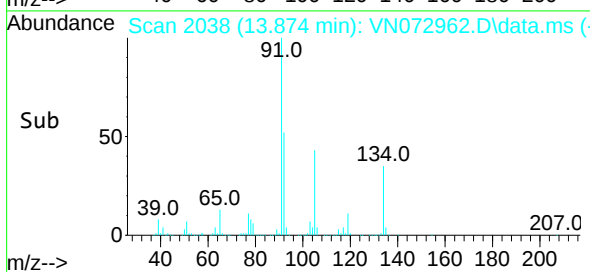
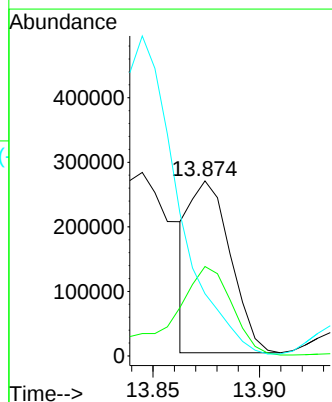
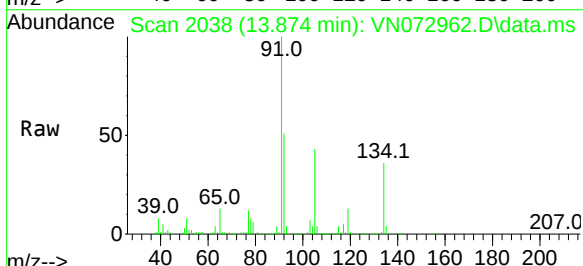
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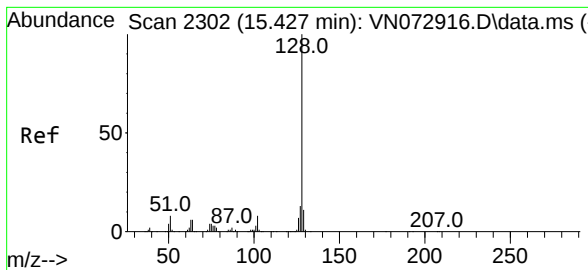
Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022



#89
n-Butylbenzene
Concen: 25.214 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

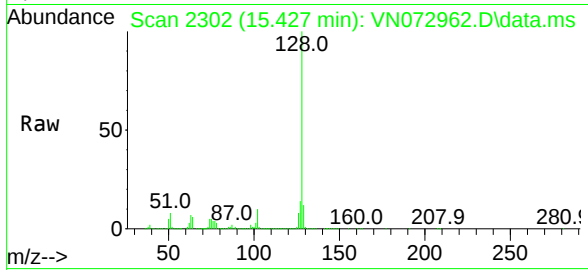
Tgt Ion: 91 Resp: 353330
Ion Ratio Lower Upper
91 100
92 72.8 26.9 80.7
134 0.0 13.6 40.8





#95
Naphthalene
Concen: 499.457 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072962.D
Acq: 20 Jun 2022 15:28

Instrument :
MSVOA_N
ClientSampleId :
MW-44



Tgt Ion:128 Resp:10534410
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 06/21/2022
Supervised By :Mahesh Dadoda 06/21/2022

