

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071600.D
 Acq On : 28 Mar 2022 13:01
 Operator : JC\MD
 Sample : N2131-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 29 04:37:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	731977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1209855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1171547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	464161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	411461	45.245	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.480%		
35) Dibromofluoromethane	8.022	113	342192	45.004	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.000%		
50) Toluene-d8	10.433	98	1471095	47.967	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.940%		
62) 4-Bromofluorobenzene	12.727	95	515669	51.315	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.620%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.086	56	19495	1.498	ug/l #	43
39) Methylcyclohexane	9.457	83	7008	0.521	ug/l	95
40) Benzene	8.457	78	10667	0.313	ug/l #	88
52) Toluene	10.498	92	223683	10.473	ug/l	98
67) Ethyl Benzene	11.839	91	521816	12.229	ug/l	99
68) m/p-Xylenes	11.945	106	579673	35.502	ug/l	100
69) o-Xylene	12.274	106	188440	11.617	ug/l	98
73) Isopropylbenzene	12.574	105	50623	1.237	ug/l	99
78) n-propylbenzene	12.915	91	142944	3.283	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	194030	6.007	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1011361	32.445	ug/l	100
85) sec-Butylbenzene	13.498	105	19038m	0.493	ug/l	
86) p-Isopropyltoluene	13.610	119	10413m	0.338	ug/l	
89) n-Butylbenzene	13.933	91	16876	0.715	ug/l #	78
95) Naphthalene	15.504	128	101247	7.225	ug/l	99

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

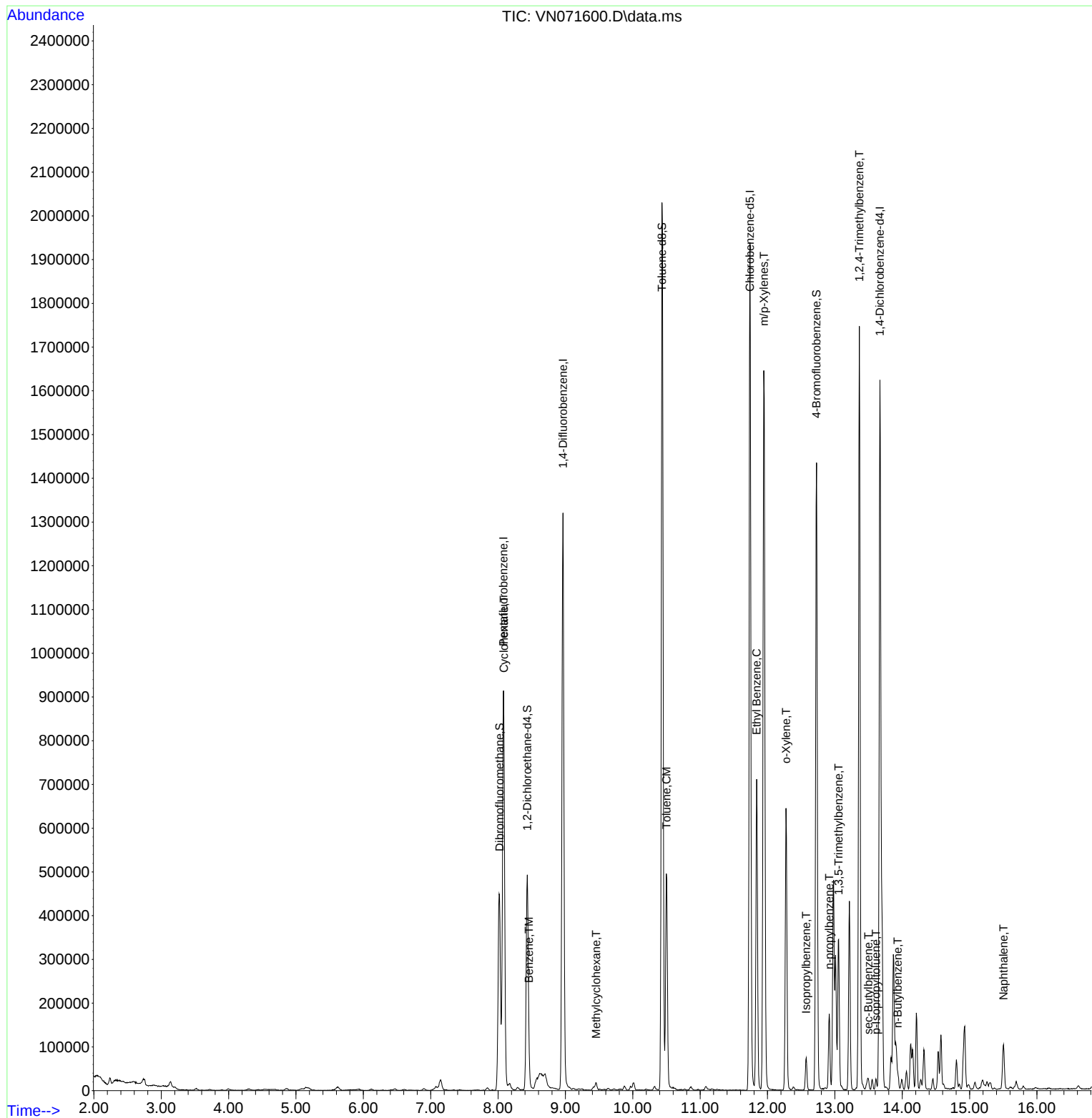
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
Data File : VN071600.D
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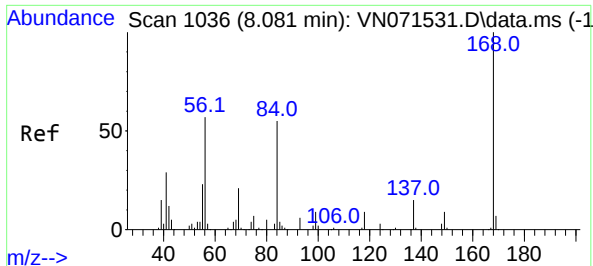
Instrument :
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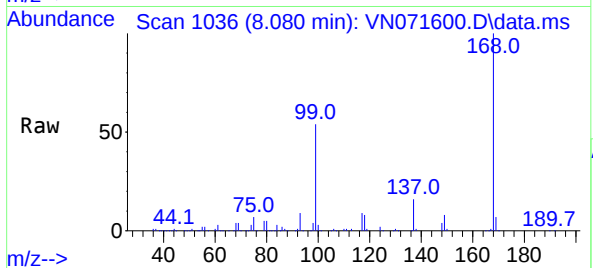
Quant Time: Mar 29 04:37:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration





Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

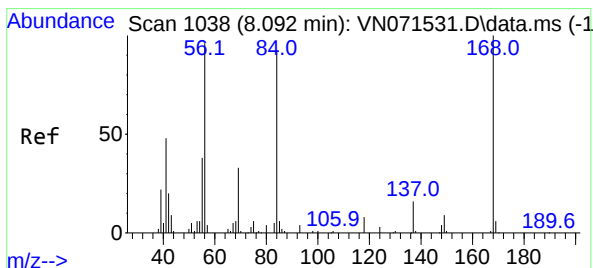
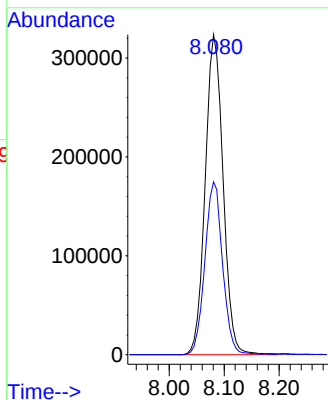
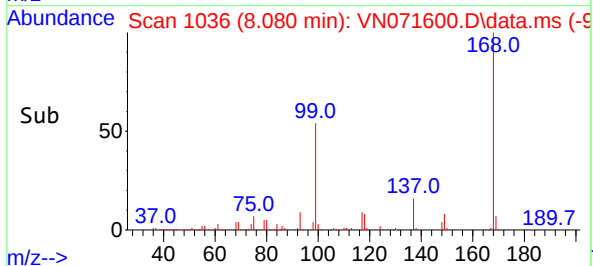
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



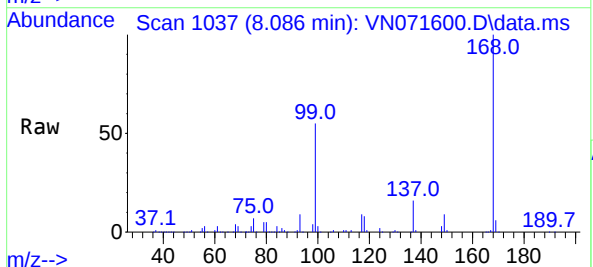
Tgt Ion:168 Resp: 73197
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5

Manual Integrations
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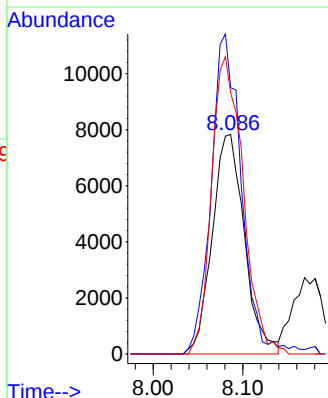
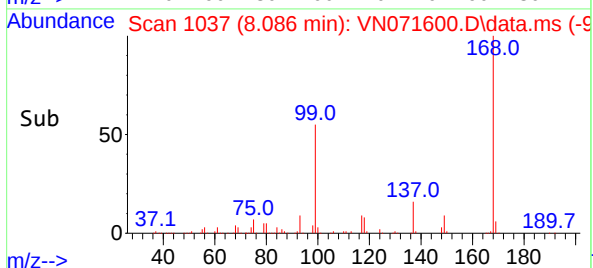
Reviewed By :John Carlone 03/29/2022
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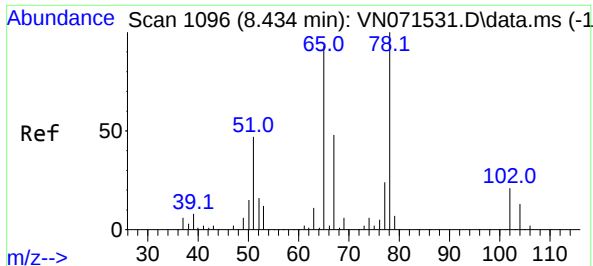


Cyclohexane
Concen: 1.498 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



Tgt Ion: 56 Resp: 19495
Ion Ratio Lower Upper
56 100
69 121.4 27.8 41.8#
84 119.0 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 45.245 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

Instrument :

MSVOA_N

ClientSampleId :

MW-2DL

Tgt Ion: 65 Resp: 41146

Ion Ratio Lower Upper

65 100

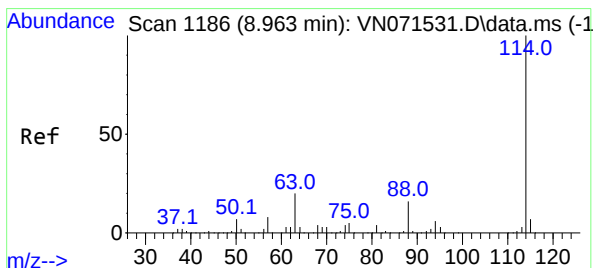
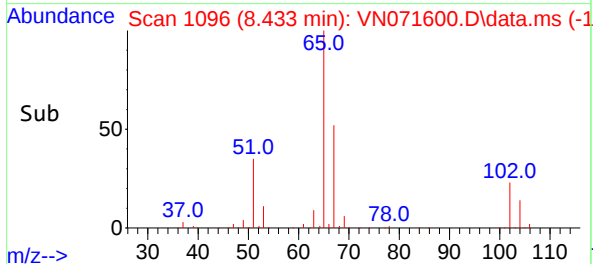
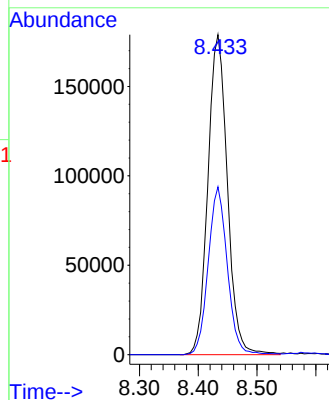
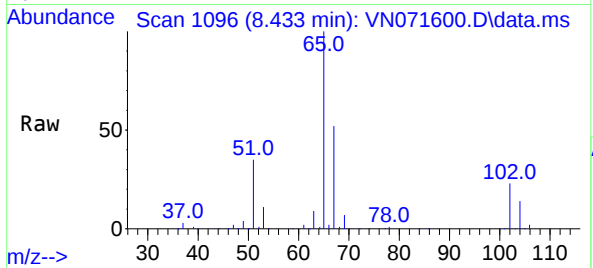
67 51.5 0.0 104.8

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071600.D

Acq: 28 Mar 2022 13:01

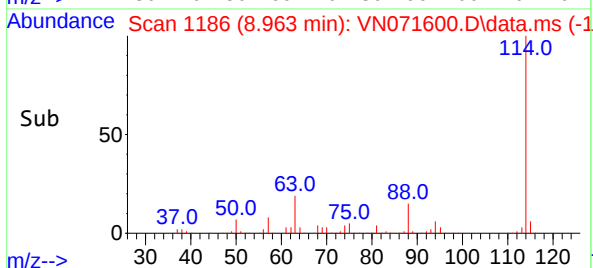
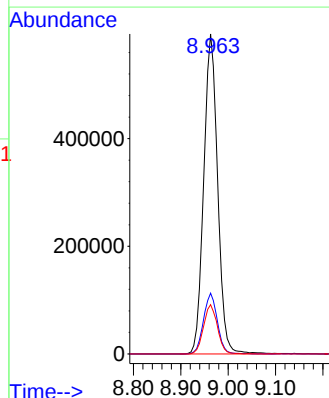
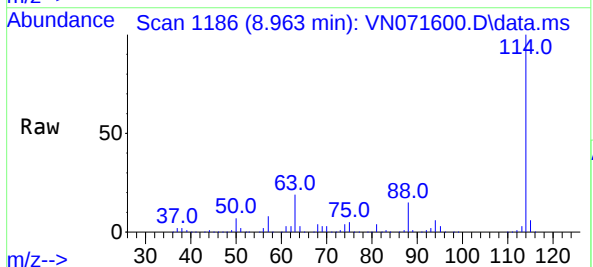
Tgt Ion:114 Resp: 1209855

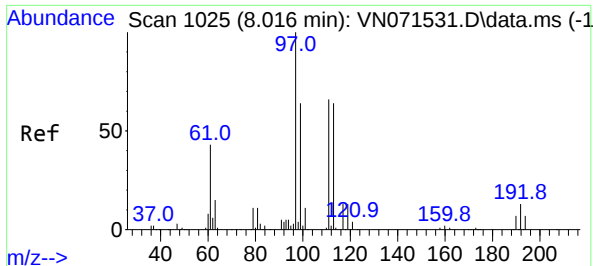
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

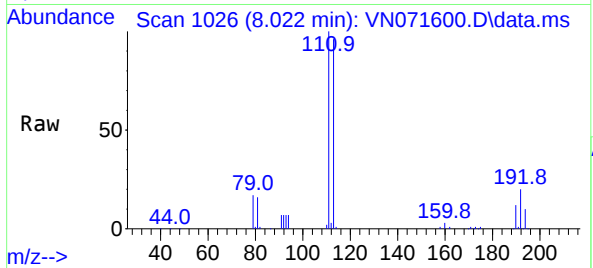
88 15.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.004 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

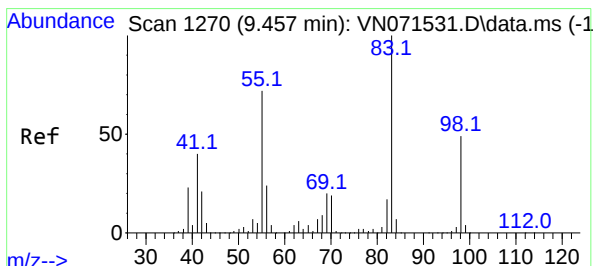
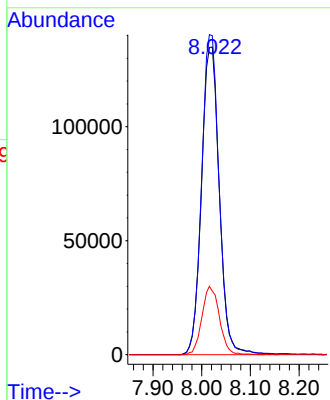
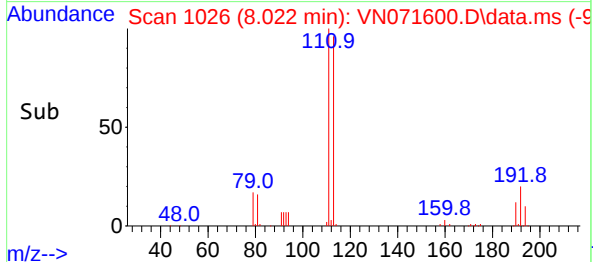
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



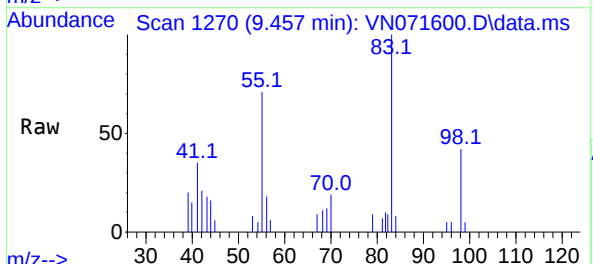
Tgt Ion: 113 Resp: 342192
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 21.8 17.0 25.6

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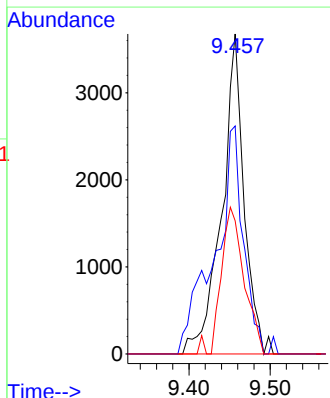
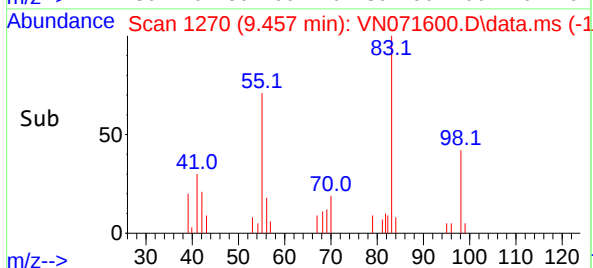
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

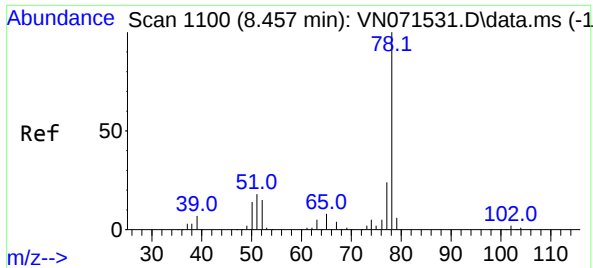


#39
Methylcyclohexane
Concen: 0.521 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



Tgt Ion: 83 Resp: 7008
Ion Ratio Lower Upper
83 100
55 71.2 57.8 86.8
98 41.6 39.4 59.2





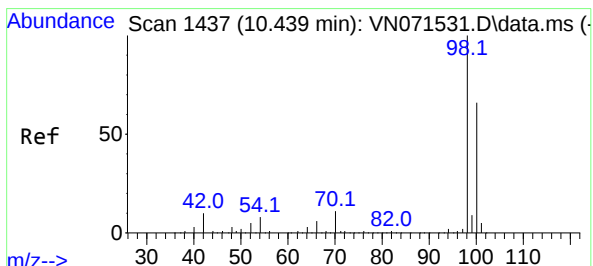
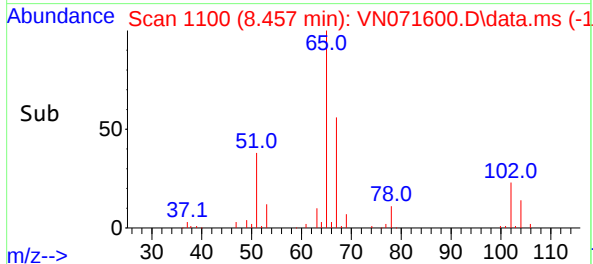
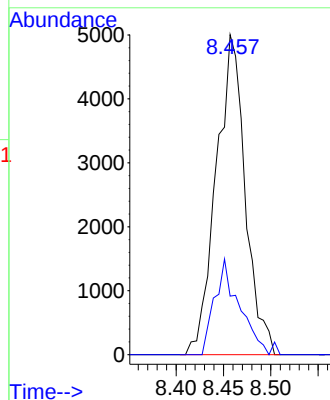
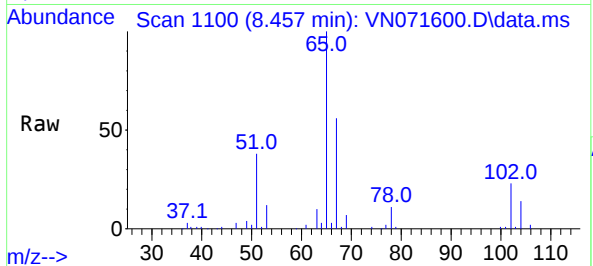
#40
Benzene
Concen: 0.313 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tgt Ion: 78 Resp: 1066
Ion Ratio Lower Upper
78 100
77 18.3 19.4 29.0

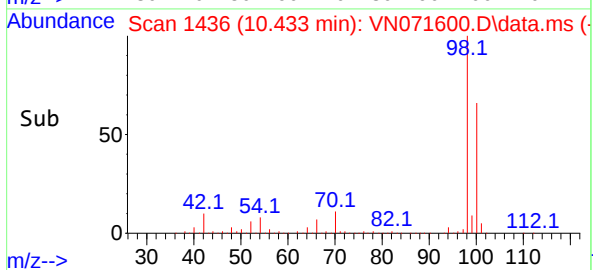
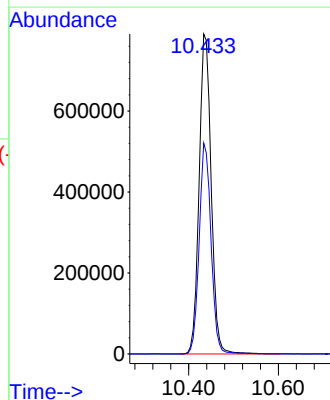
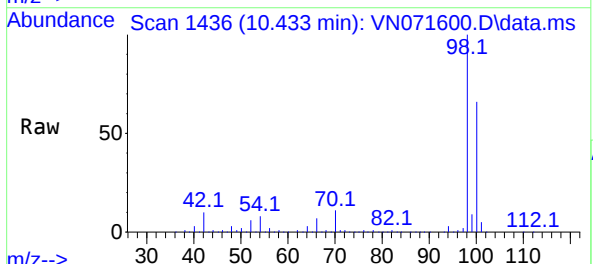
Manual Integrations
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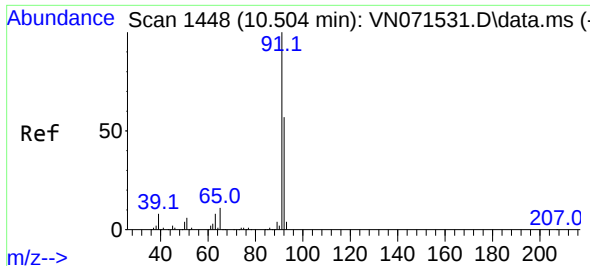
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#50
Toluene-d8
Concen: 47.967 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

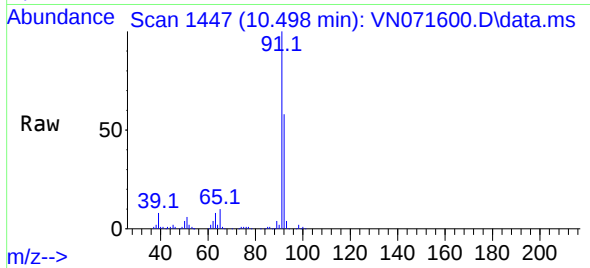
Tgt Ion: 98 Resp: 1471095
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





#52
Toluene
Concen: 10.473 ug/l
RT: 10.498 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

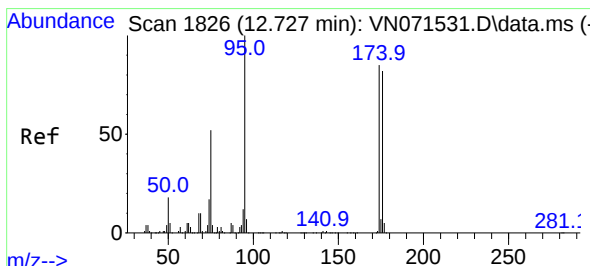
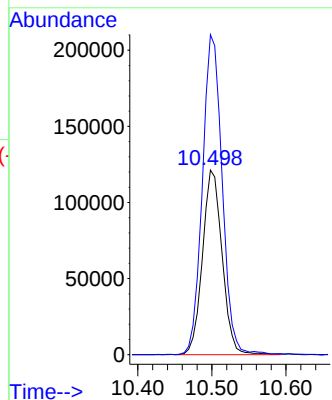
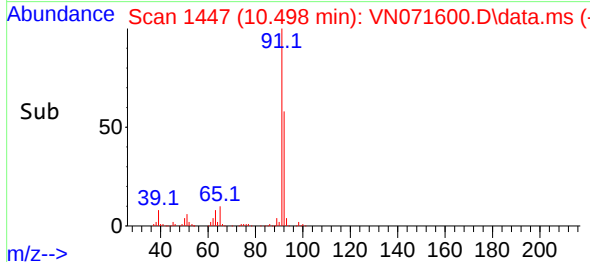
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



Tgt Ion: 92 Resp: 223683
Ion Ratio Lower Upper
92 100
91 175.4 138.6 207.8

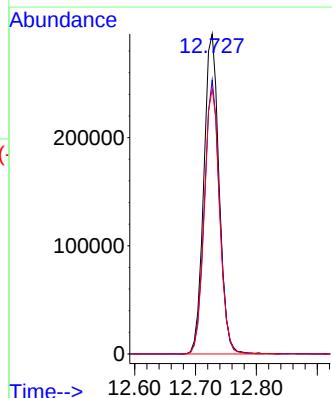
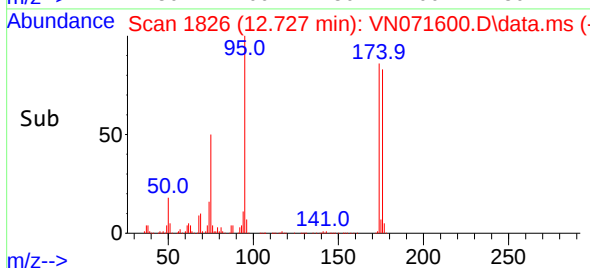
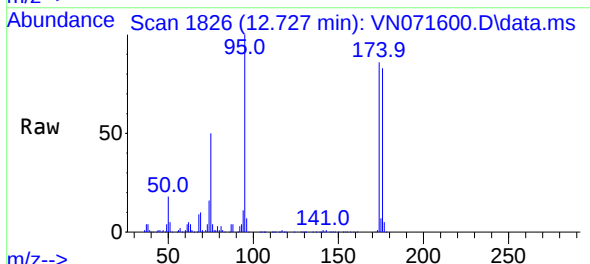
Manual Integrations
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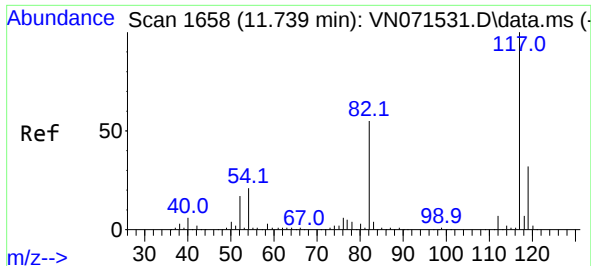
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#62
4-Bromofluorobenzene
Concen: 51.315 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

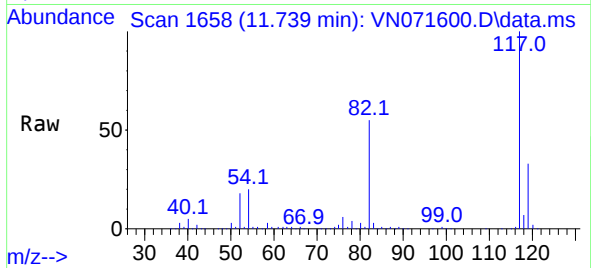
Tgt Ion: 95 Resp: 515669
Ion Ratio Lower Upper
95 100
174 85.2 0.0 167.6
176 83.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117154
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

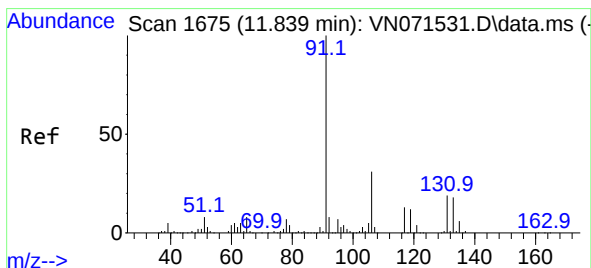
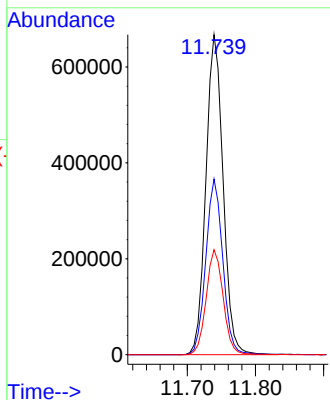
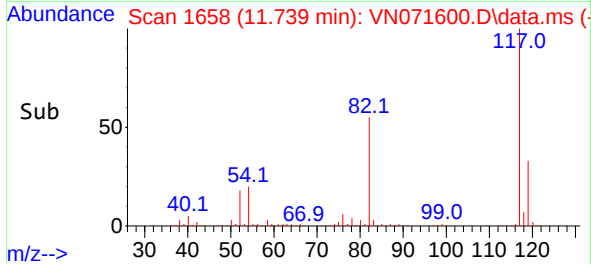
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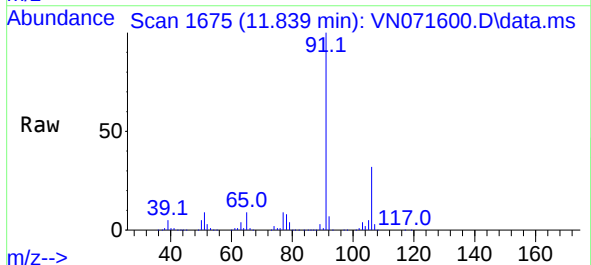
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Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.8 25.4 38.0

Manual Integrations
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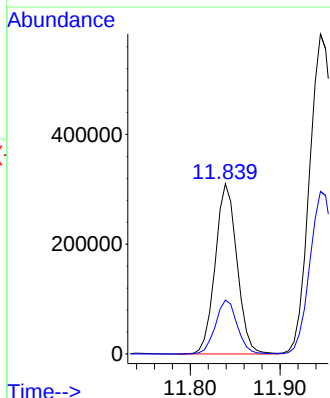
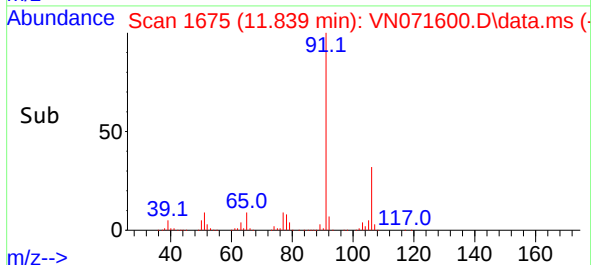
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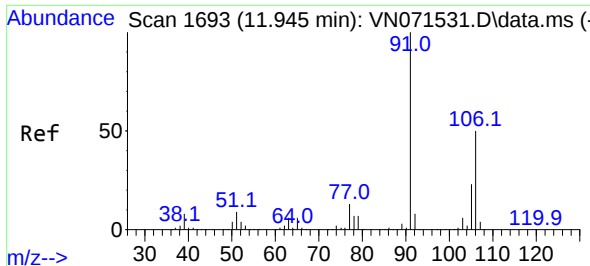


#67
Ethyl Benzene
Concen: 12.229 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



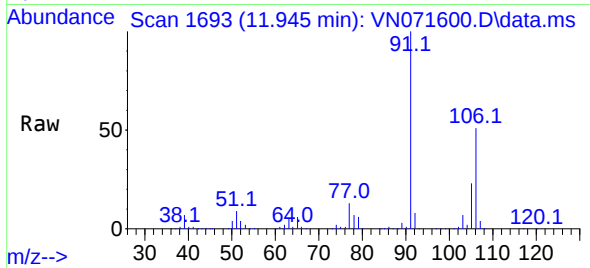
Tgt Ion: 91 Resp: 521816
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3





#68
m/p-Xylenes
Concen: 35.502 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

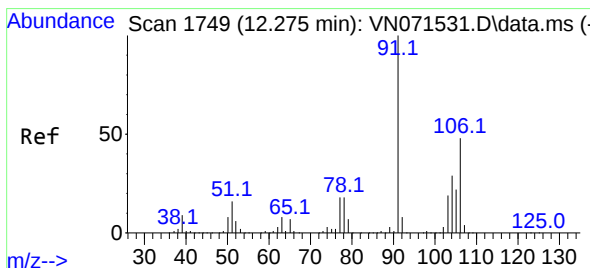
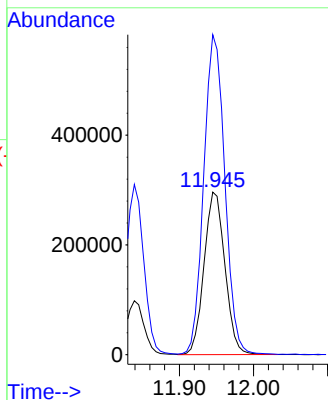
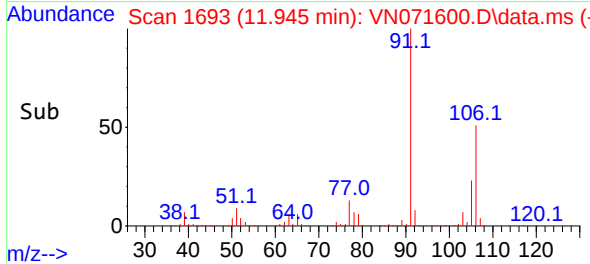
Instrument :
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ClientSampleId :
MW-2DL



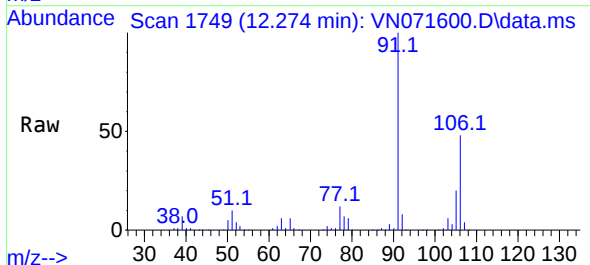
Tgt Ion:106 Resp: 57967
Ion Ratio Lower Upper
106 100
91 198.8 158.9 238.3

Manual Integrations
APPROVED

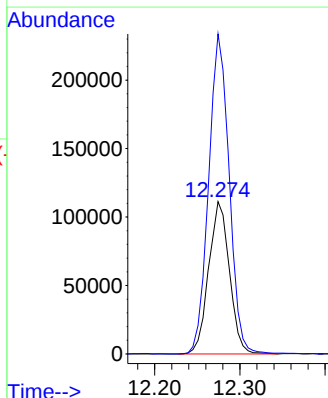
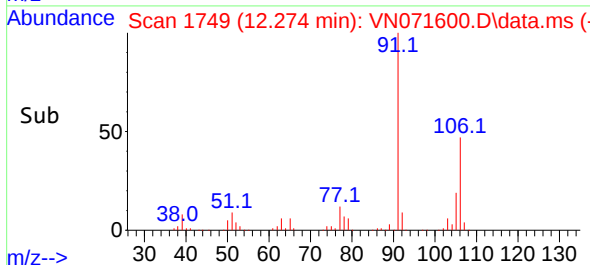
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

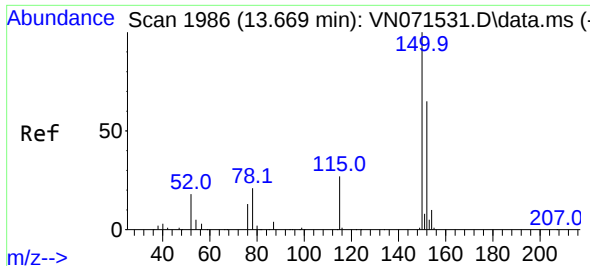


#69
o-Xylene
Concen: 11.617 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



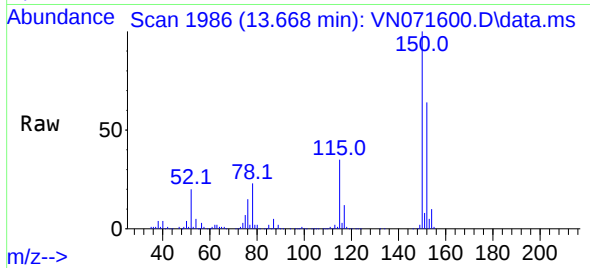
Tgt Ion:106 Resp: 188440
Ion Ratio Lower Upper
106 100
91 208.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

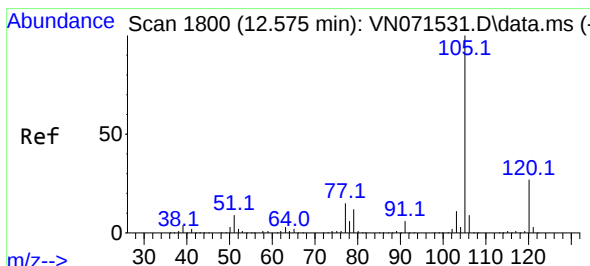
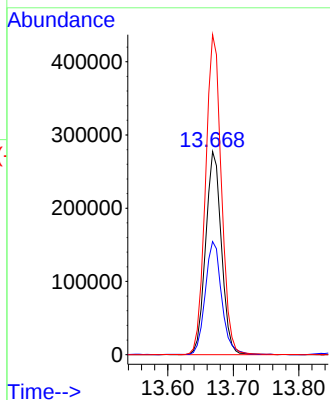
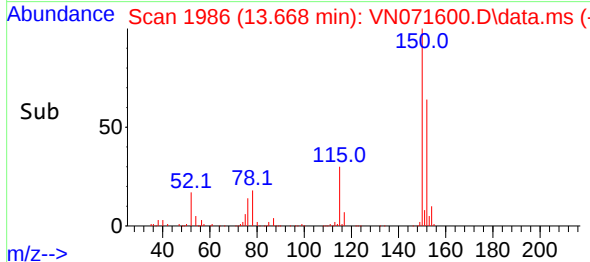
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



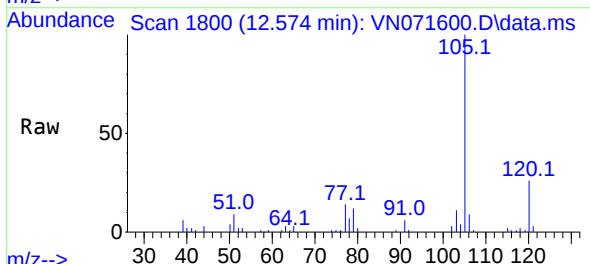
Tgt Ion:152 Resp: 46416
Ion Ratio Lower Upper
152 100
115 57.8 28.9 86.7
150 158.6 0.0 356.2

Manual Integrations
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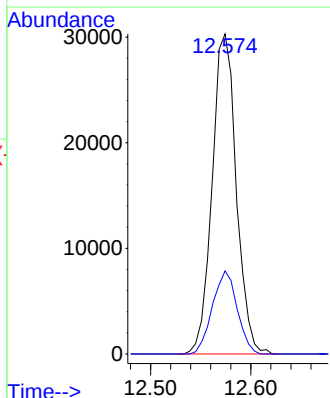
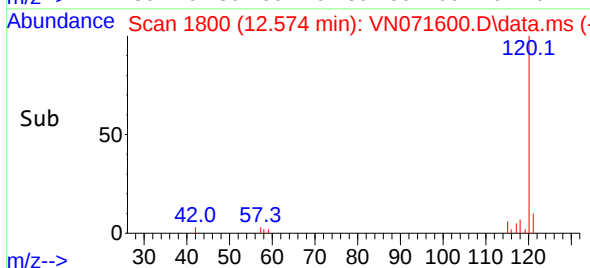
Reviewed By :John Carlone 03/29/2022
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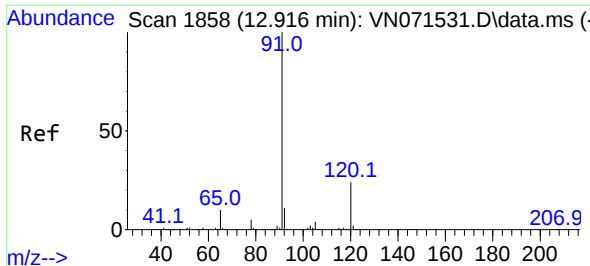


#73
Isopropylbenzene
Concen: 1.237 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



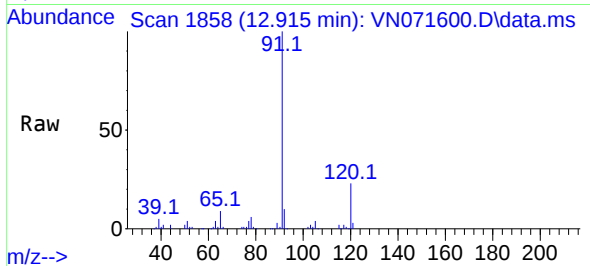
Tgt Ion:105 Resp: 50623
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





#78
n-propylbenzene
Concen: 3.283 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

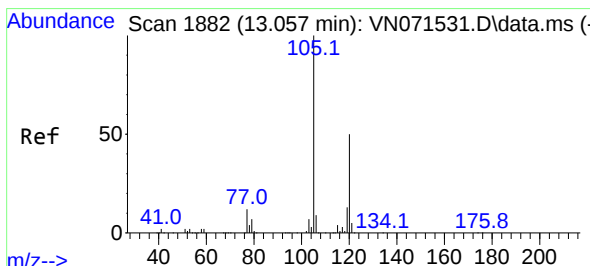
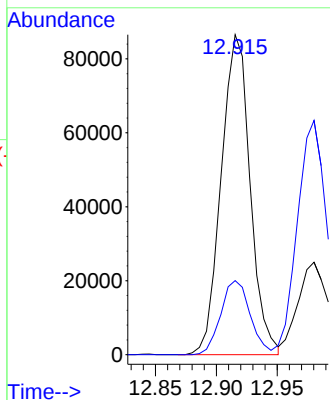
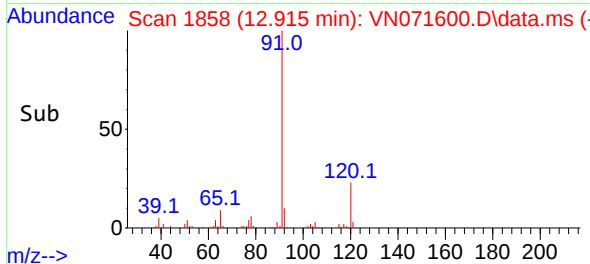
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



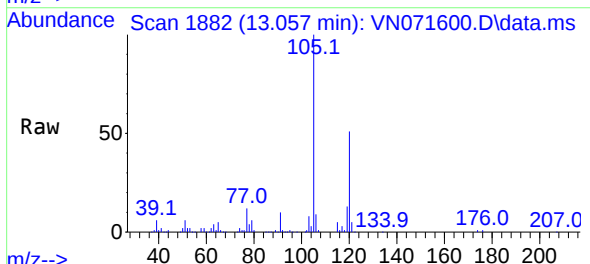
Tgt Ion: 91 Resp: 142944
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5

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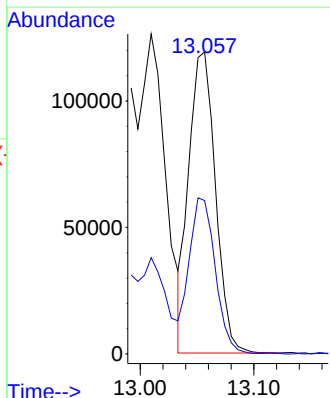
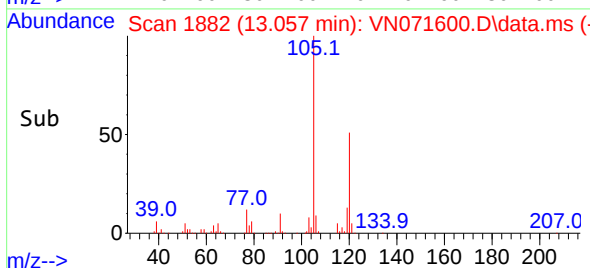
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

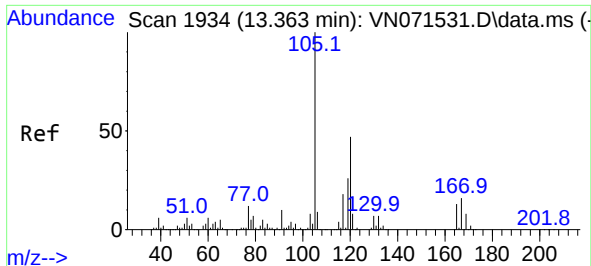


#80
1,3,5-Trimethylbenzene
Concen: 6.007 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



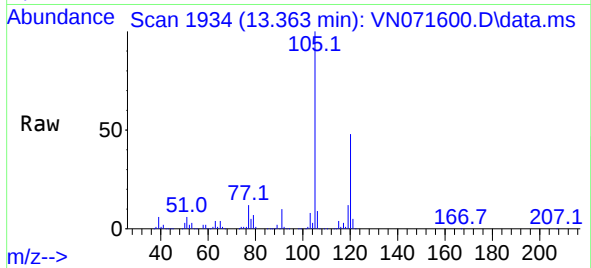
Tgt Ion:105 Resp: 194030
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 32.445 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

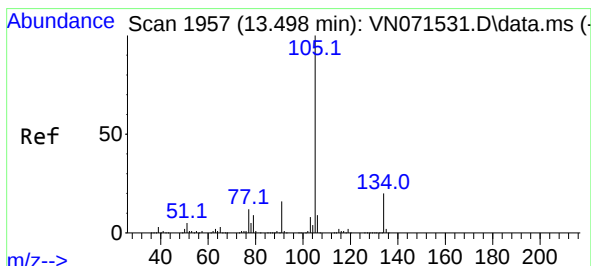
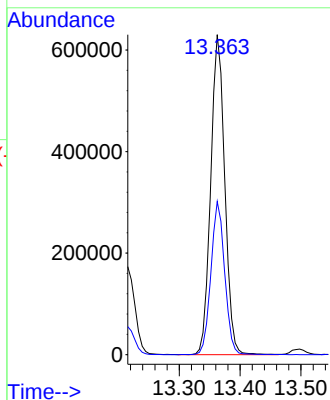
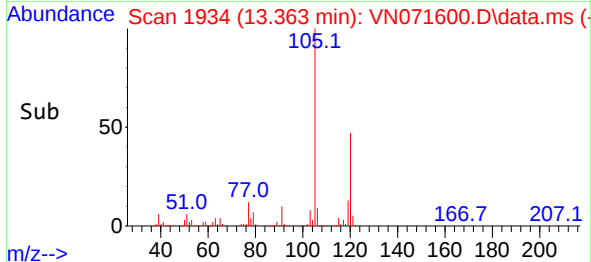
Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



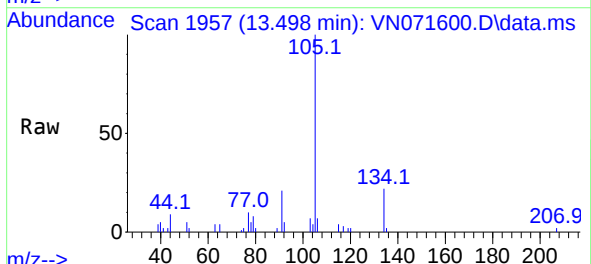
Tgt Ion:105 Resp: 101136
Ion Ratio Lower Upper
105 100
120 46.8 23.3 69.8

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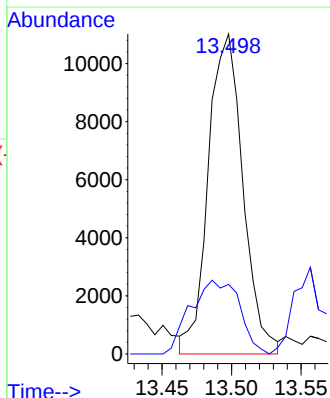
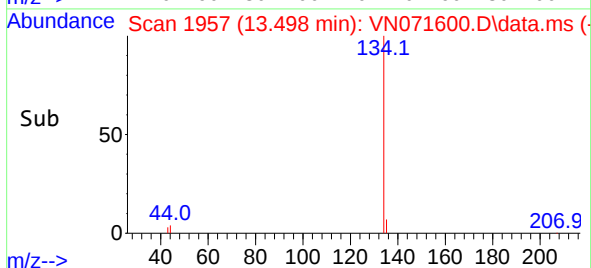
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

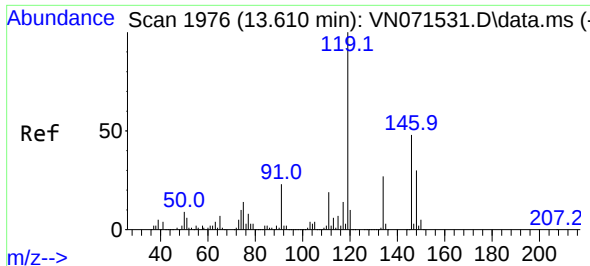


#85
sec-Butylbenzene
Concen: 0.493 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01



Tgt Ion:105 Resp: 19038
Ion Ratio Lower Upper
105 100
134 1.3 10.4 31.1#





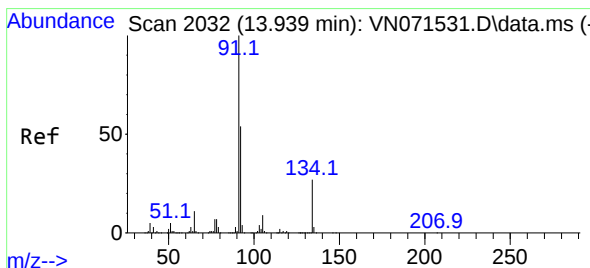
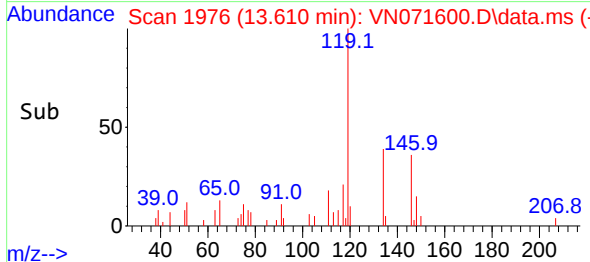
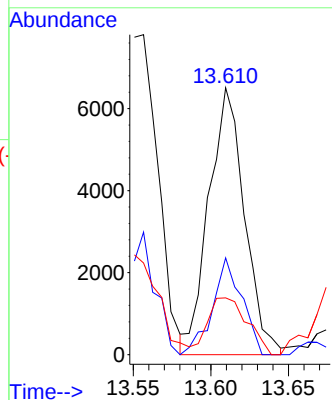
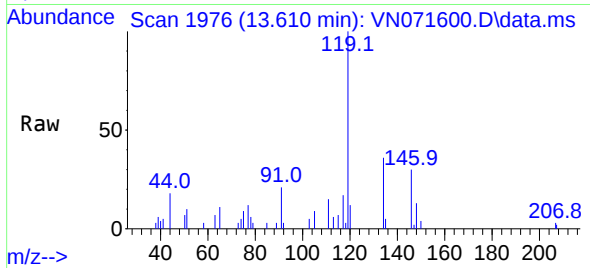
#86
p-Isopropyltoluene
Concen: 0.338 ug/l m
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL

Tgt Ion:119 Resp: 1041
Ion Ratio Lower Upper
119 100
134 38.6 13.3 39.8
91 32.3 11.3 33.9

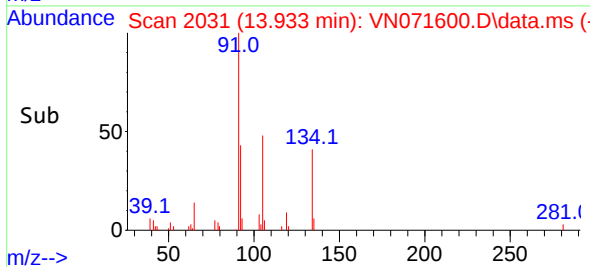
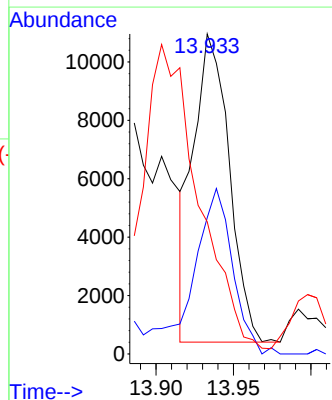
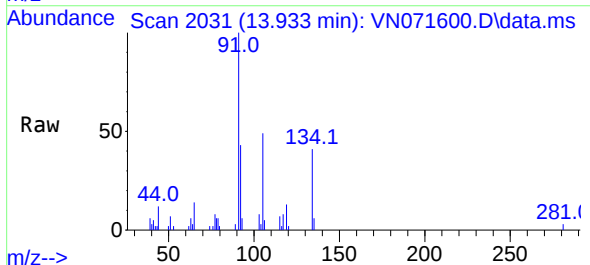
Manual Integrations
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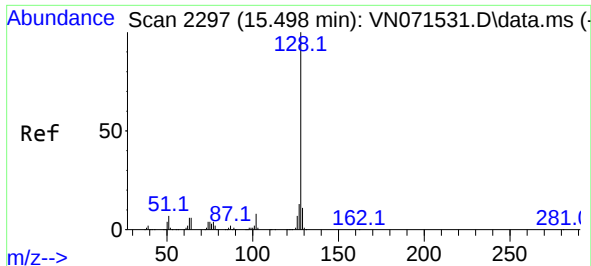
Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#89
n-Butylbenzene
Concen: 0.715 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

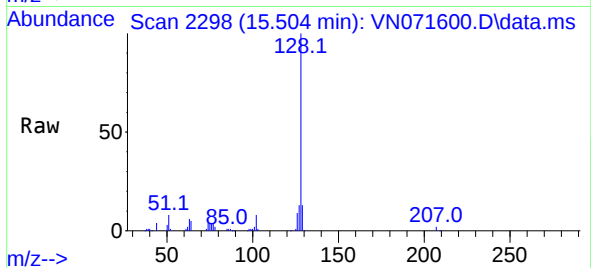
Tgt Ion: 91 Resp: 16876
Ion Ratio Lower Upper
91 100
92 58.1 26.9 80.7
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 7.225 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071600.D
Acq: 28 Mar 2022 13:01

Instrument :
MSVOA_N
ClientSampleId :
MW-2DL



Tgt Ion:128 Resp: 10124
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.3 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

