

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072460.D
 Acq On : 12 May 2022 18:08
 Operator : JC\MD
 Sample : N2800-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1

Quant Time: May 14 04:03:07 2022
 Quant Title :
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022
 Supervised By :Semsettin Yesilyurt 05/16/2022

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

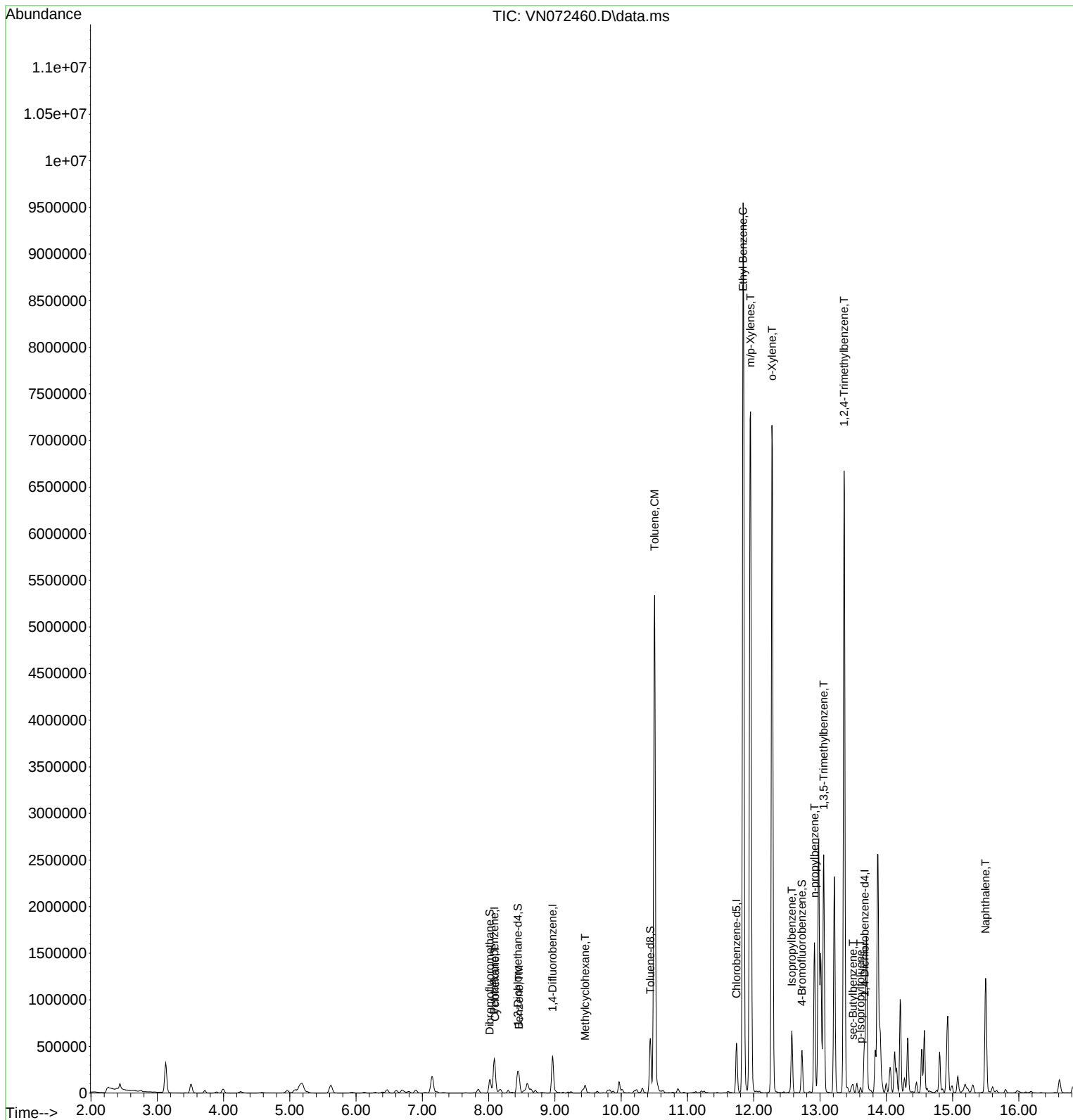
Internal Standards						
1) Pentafluorobenzene	8.087	168	186954	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	301514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	280760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	136979	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	160162	55.932	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.860%			
35) Dibromofluoromethane	8.016	113	106990	53.336	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.680%			
50) Toluene-d8	10.439	98	395560	51.777	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.560%			
62) 4-Bromofluorobenzene	12.727	95	144776	57.061	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.120%			
Target Compounds						
						Qvalue
31) Cyclohexane	8.098	56	66201	17.447	ug/l	# 92
39) Methylcyclohexane	9.457	83	34136	10.542	ug/l	95
40) Benzene	8.457	78	140379	16.310	ug/l	98
52) Toluene	10.504	92	2307123	434.722	ug/l	98
67) Ethyl Benzene	11.839	91	6863036	693.446	ug/l	99
68) m/p-Xylenes	11.951	106	2325275	619.472	ug/l	89
69) o-Xylene	12.275	106	1893749	513.480	ug/l	90
73) Isopropylbenzene	12.575	105	435739	38.399	ug/l	98
78) n-propylbenzene	12.916	91	1249894	102.933	ug/l	98
80) 1,3,5-Trimethylbenzene	13.057	105	1385738	149.104	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	3820106	422.541	ug/l	96
85) sec-Butylbenzene	13.498	105	54967m	5.066	ug/l	
86) p-Isopropyltoluene	13.610	119	26785	3.169	ug/l	# 77
95) Naphthalene	15.498	128	1133885	165.369	ug/l	100

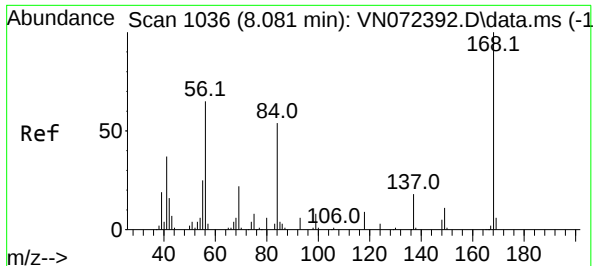
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

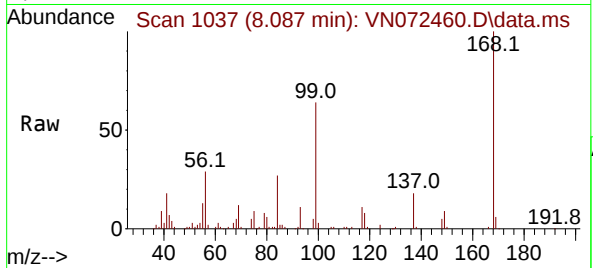
Quant Time: May 14 04:03:07 2022
Quant Title :
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

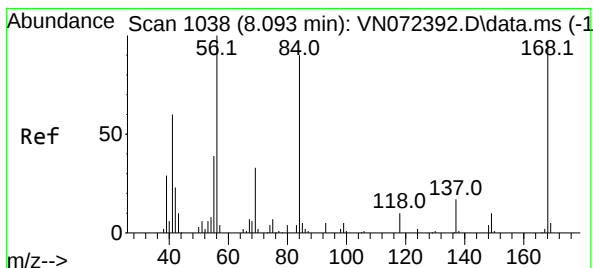
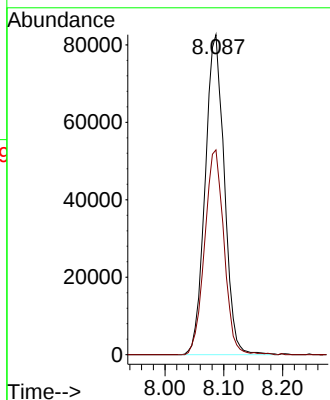
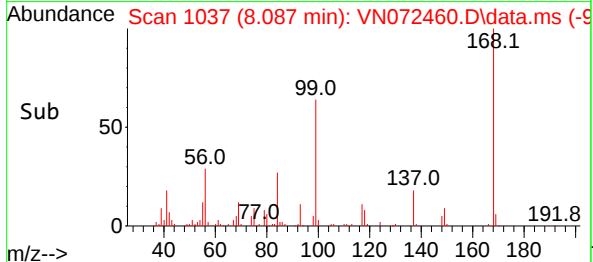
Instrument :
MSVOA_N
ClientSampleId :
GES-1



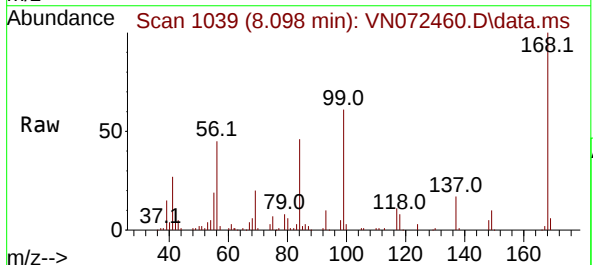
Tgt Ion:168 Resp: 186954
Ion Ratio Lower Upper
168 100
99 64.0 42.3 63.5

Manual Integrations
APPROVED

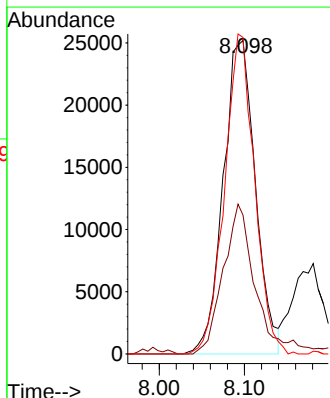
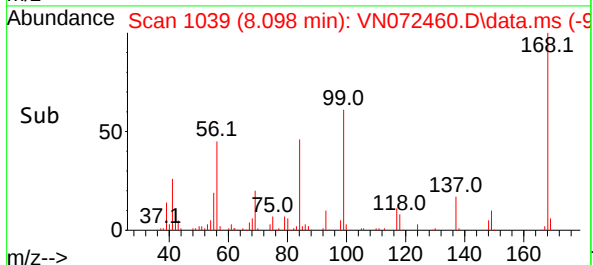
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

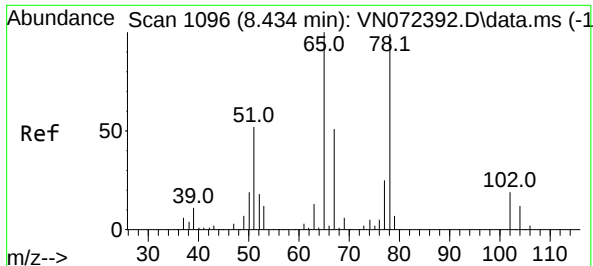


#31
Cyclohexane
Concen: 17.447 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.005 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08



Tgt Ion: 56 Resp: 66201
Ion Ratio Lower Upper
56 100
69 44.3 27.8 41.8#
84 101.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 55.932 ug/l

RT: 8.439 min Scan# 1096

Delta R.T. 0.005 min

Lab File: VN072460.D

Acq: 12 May 2022 18:08

Instrument :

MSVOA_N

ClientSampleId :

GES-1

Tgt Ion: 65 Resp: 16016

Ion Ratio Lower Upper

65 100

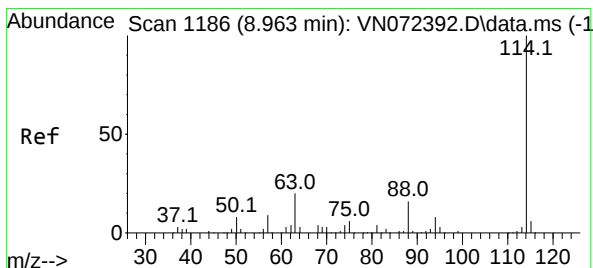
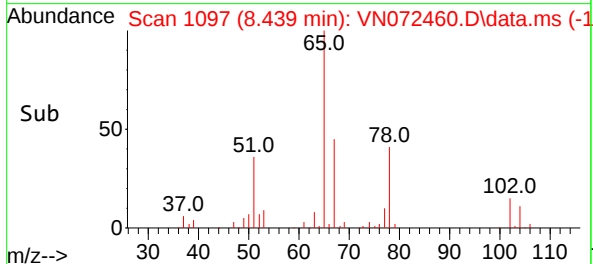
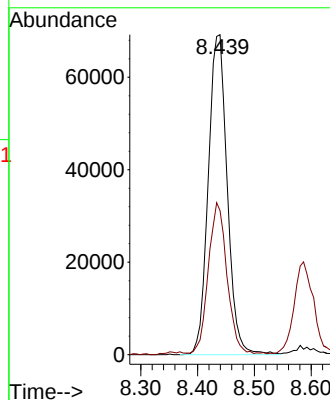
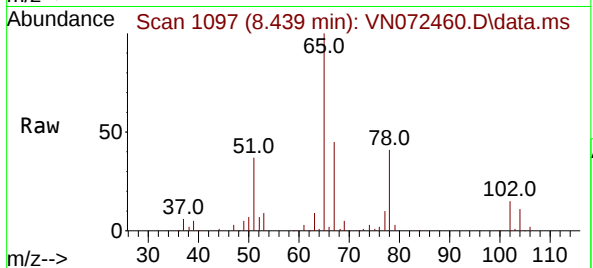
67 46.0 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022

Supervised By :Semsettin Yesilyurt 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072460.D

Acq: 12 May 2022 18:08

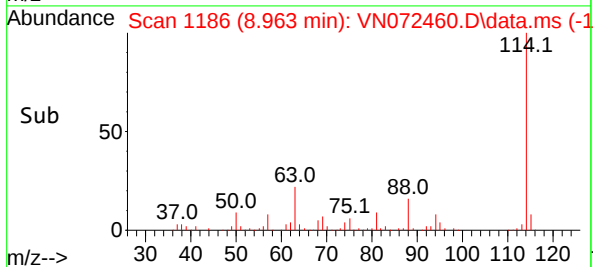
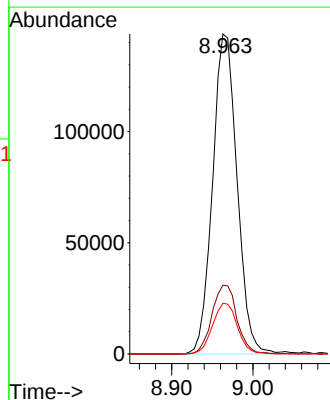
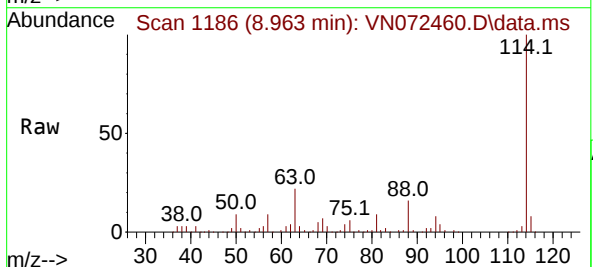
Tgt Ion:114 Resp: 301514

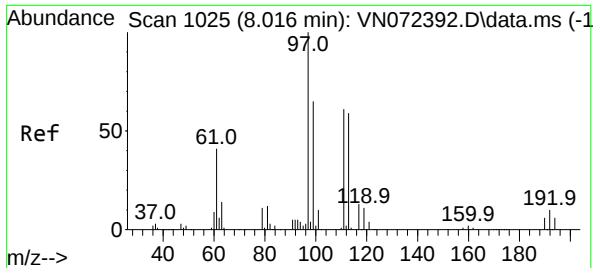
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.0

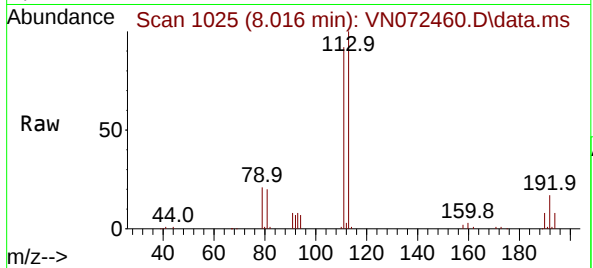
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.336 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

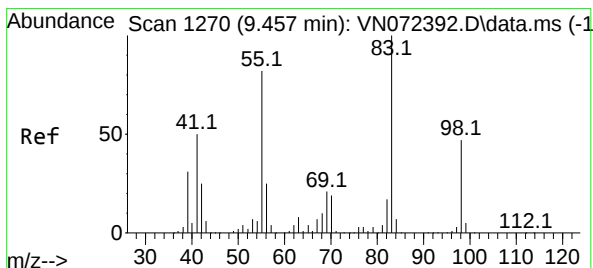
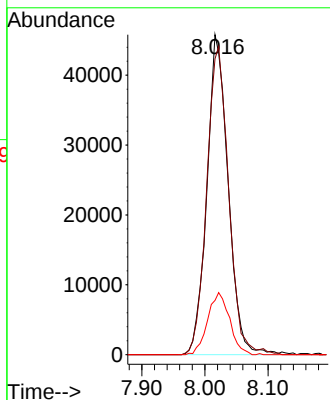
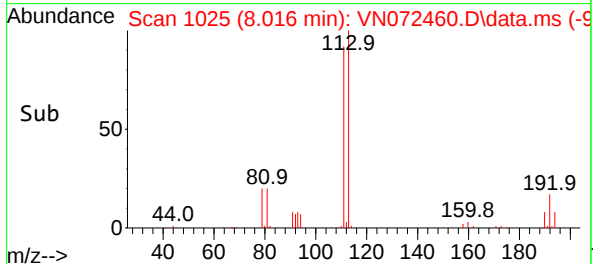
Instrument :
MSVOA_N
ClientSampleId :
GES-1



Tgt Ion: 113 Resp: 106990
Ion Ratio Lower Upper
113 100
111 99.6 81.4 122.0
192 20.0 17.0 25.6

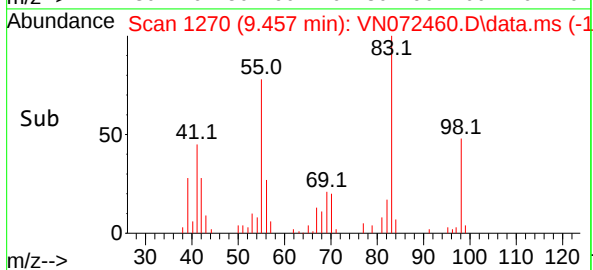
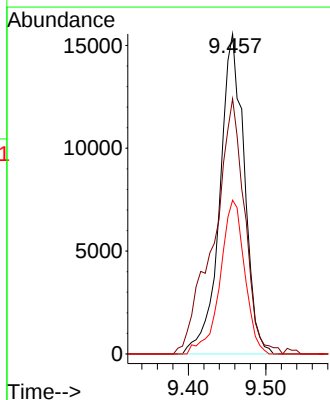
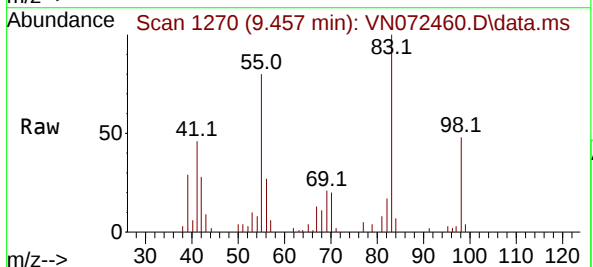
Manual Integrations
APPROVED

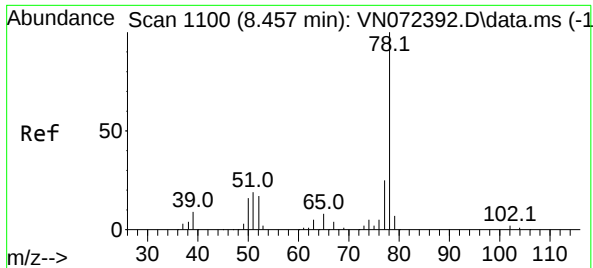
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022



#39
Methylcyclohexane
Concen: 10.542 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

Tgt Ion: 83 Resp: 34136
Ion Ratio Lower Upper
83 100
55 78.0 57.8 86.8
98 48.1 39.4 59.2





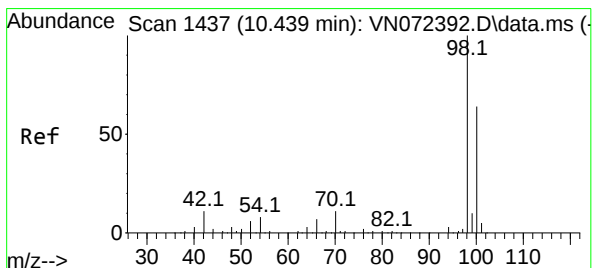
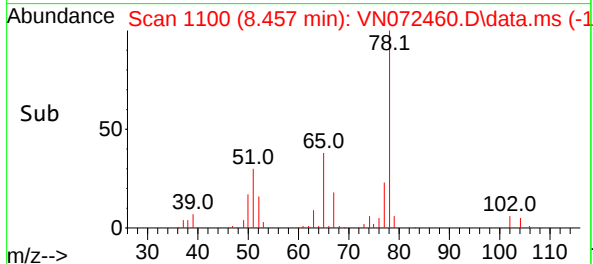
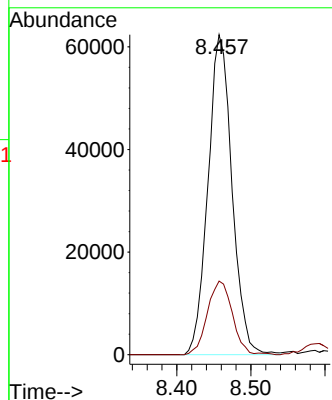
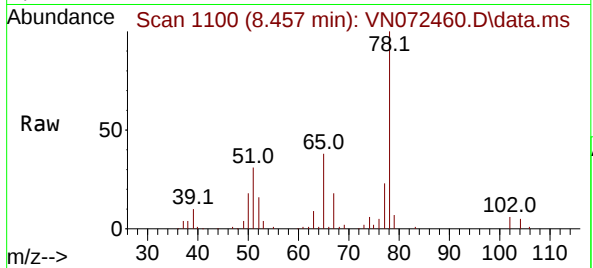
#40
Benzene
Concen: 16.310 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

Instrument :
MSVOA_N
ClientSampleId :
GES-1

Tgt Ion: 78 Resp: 140379
Ion Ratio Lower Upper
78 100
77 23.0 19.4 29.0

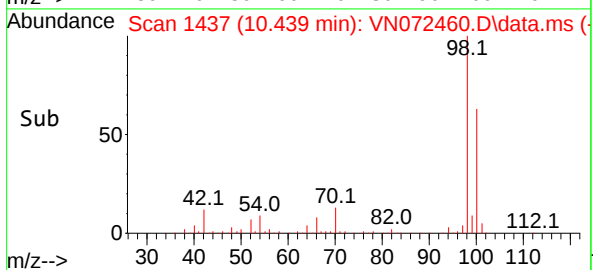
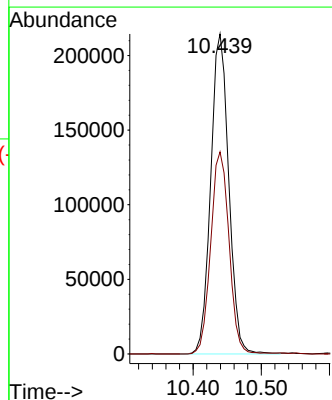
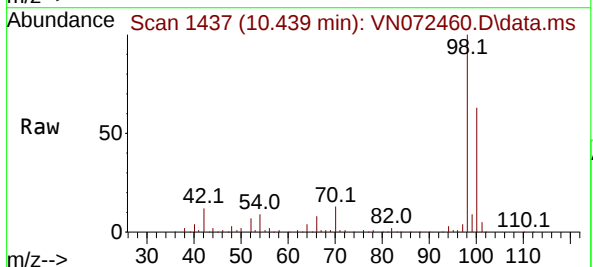
Manual Integrations
APPROVED

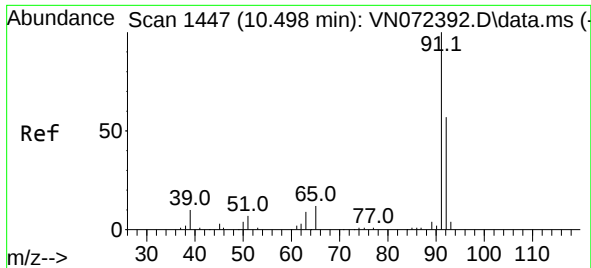
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022



#50
Toluene-d8
Concen: 51.777 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

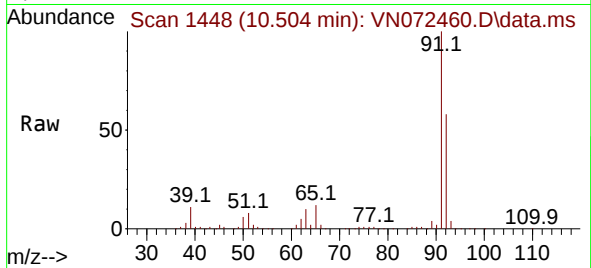
Tgt Ion: 98 Resp: 395560
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8





#52
Toluene
Concen: 434.722 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

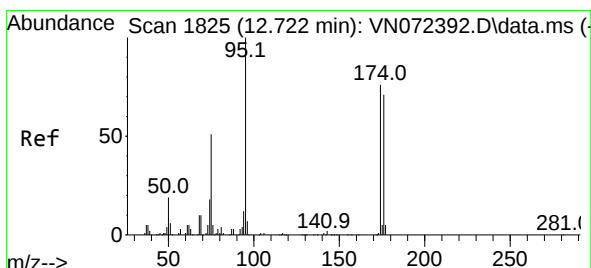
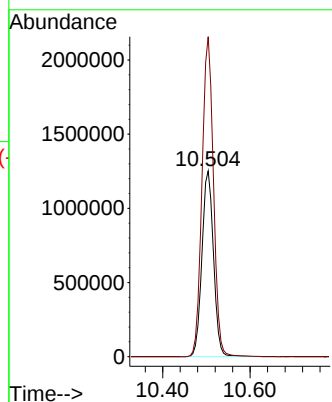
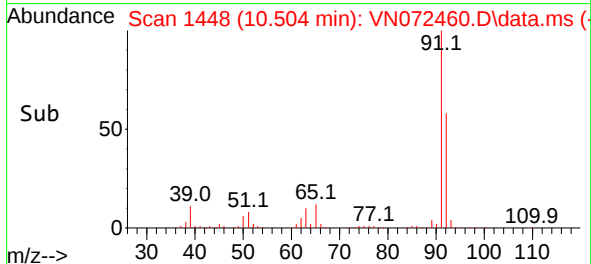
Instrument :
MSVOA_N
ClientSampleId :
GES-1



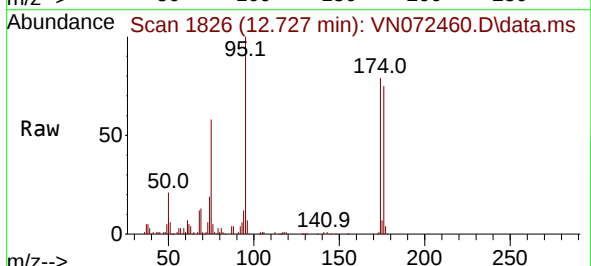
Tgt Ion: 92 Resp: 230712
Ion Ratio Lower Upper
92 100
91 171.0 138.6 207.8

Manual Integrations
APPROVED

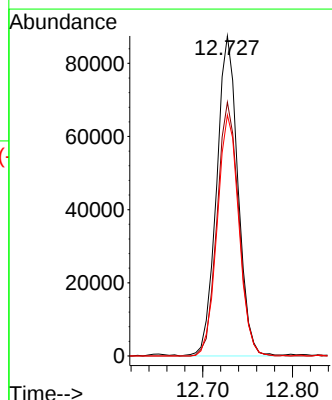
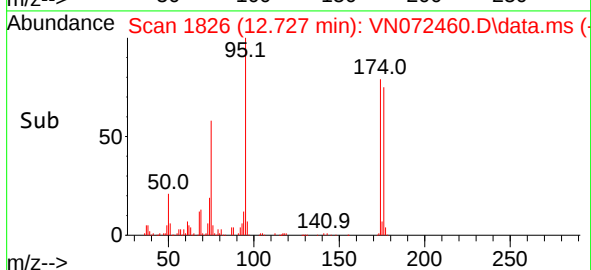
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

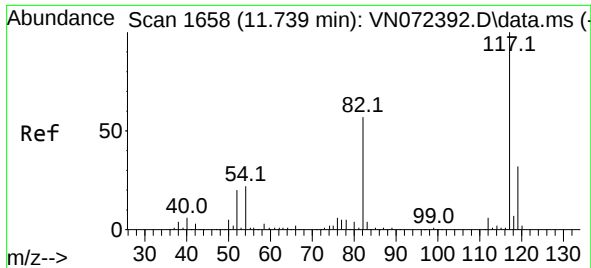


#62
4-Bromofluorobenzene
Concen: 57.061 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08



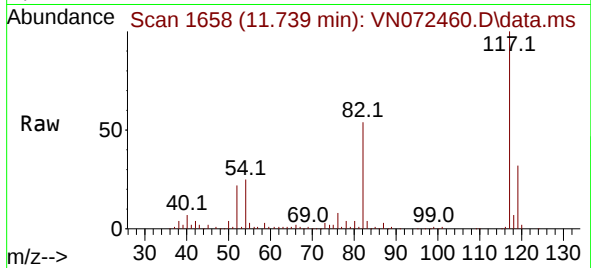
Tgt Ion: 95 Resp: 144776
Ion Ratio Lower Upper
95 100
174 80.3 0.0 167.6
176 76.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

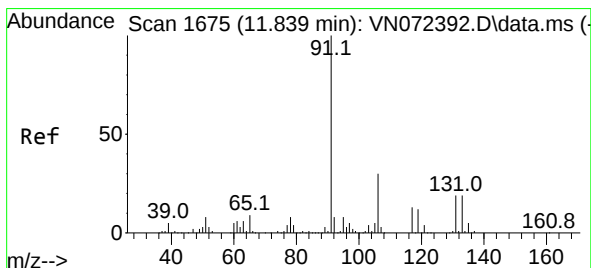
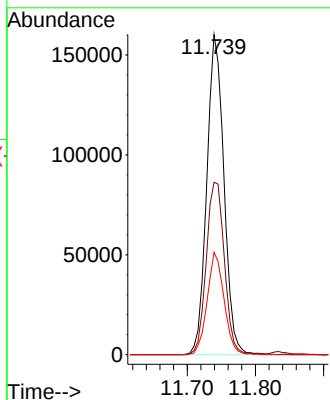
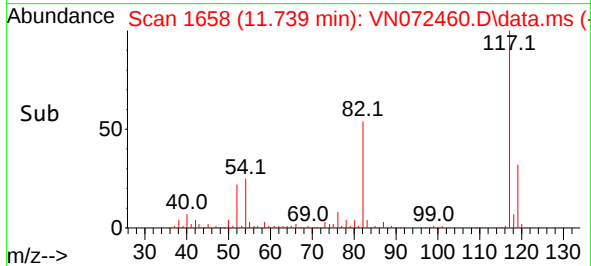
Instrument :
MSVOA_N
ClientSampleId :
GES-1



Tgt Ion: 117 Resp: 280760
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.0 25.4 38.0

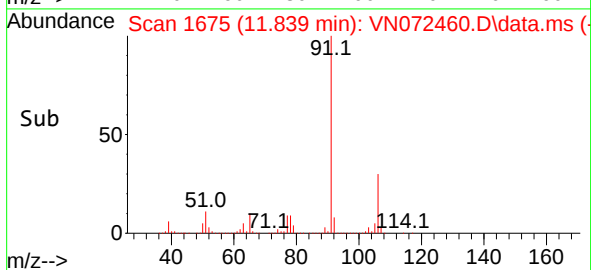
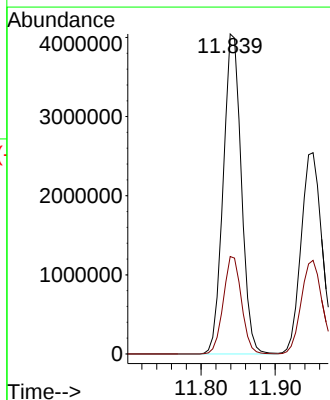
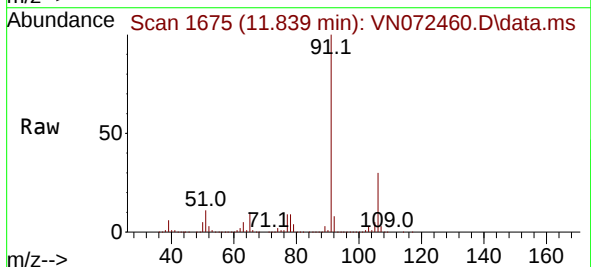
Manual Integrations
APPROVED

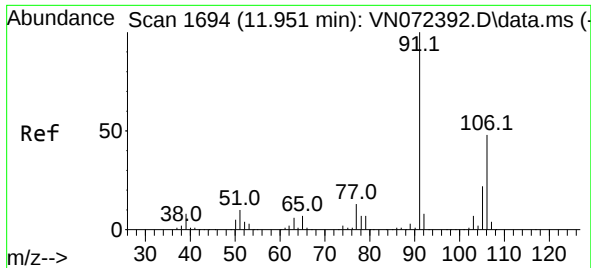
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022



#67
Ethyl Benzene
Concen: 693.446 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

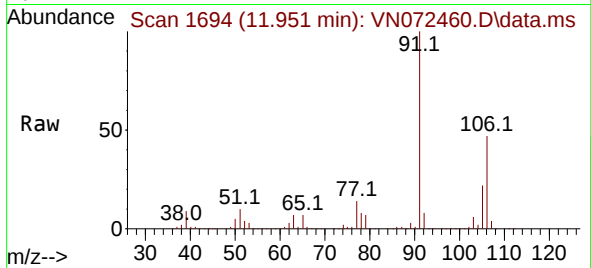
Tgt Ion: 91 Resp: 6863036
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3





#68
m/p-Xylenes
Concen: 619.472 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

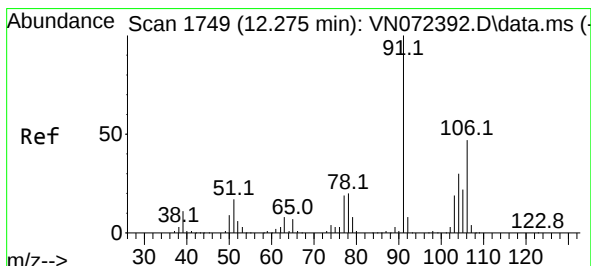
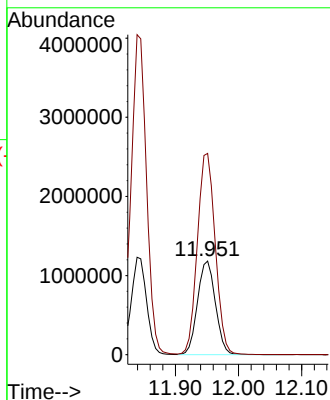
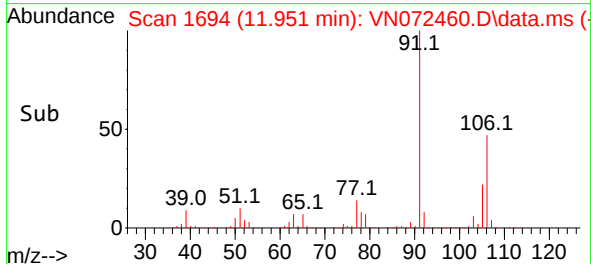
Instrument :
MSVOA_N
ClientSampleId :
GES-1



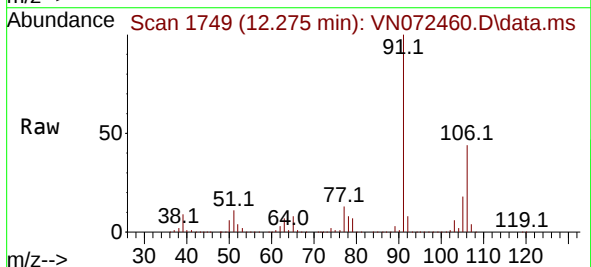
Tgt Ion:106 Resp: 232527
Ion Ratio Lower Upper
106 100
91 214.7 158.9 238.3

Manual Integrations
APPROVED

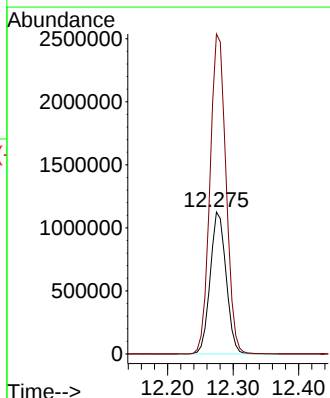
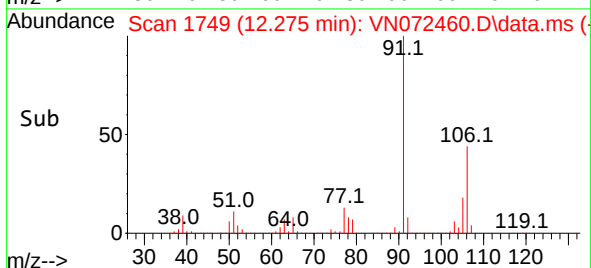
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

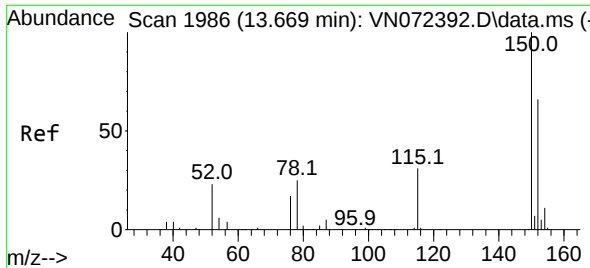


#69
o-Xylene
Concen: 513.480 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08



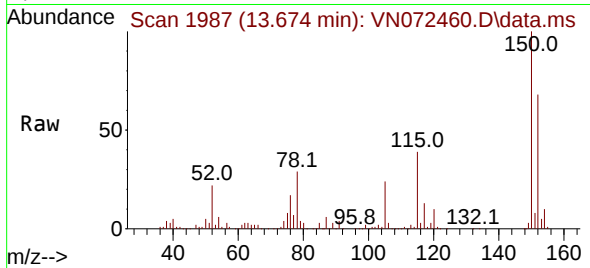
Tgt Ion:106 Resp: 1893749
Ion Ratio Lower Upper
106 100
91 227.5 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.005 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

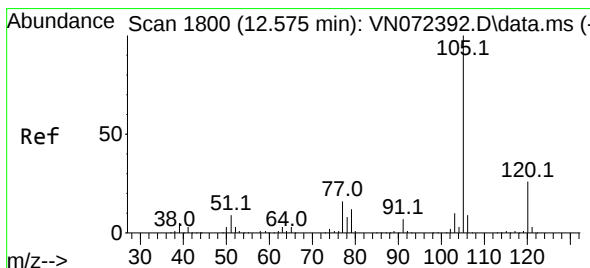
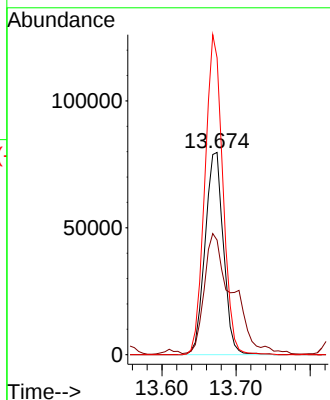
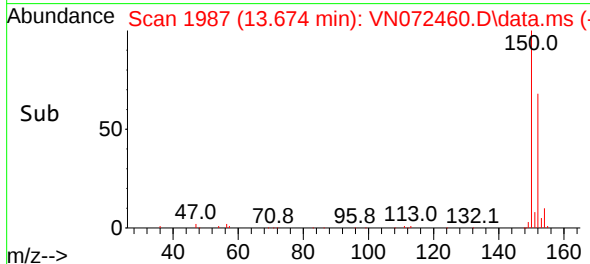
Instrument :
MSVOA_N
ClientSampleId :
GES-1



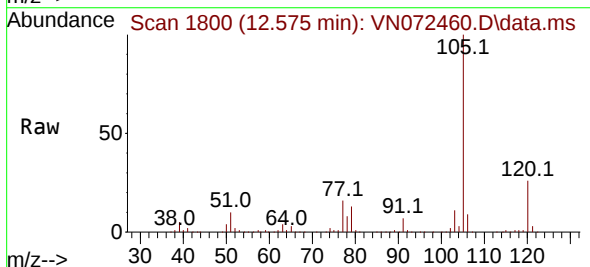
Tgt Ion:152 Resp: 136979
Ion Ratio Lower Upper
152 100
115 91.7 28.9 86.7
150 154.4 0.0 356.2

Manual Integrations
APPROVED

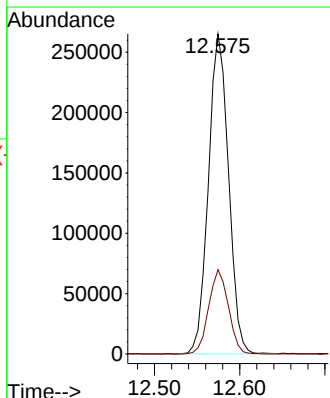
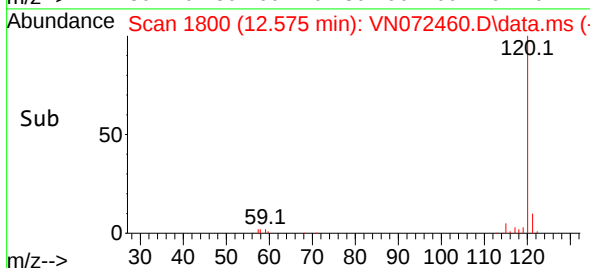
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

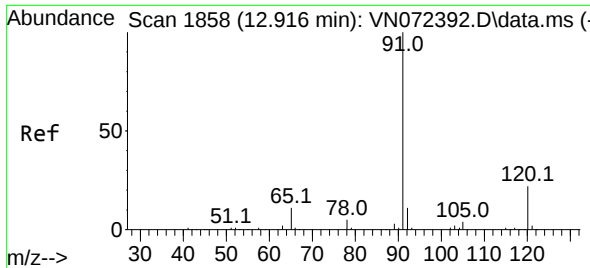


#73
Isopropylbenzene
Concen: 38.399 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08



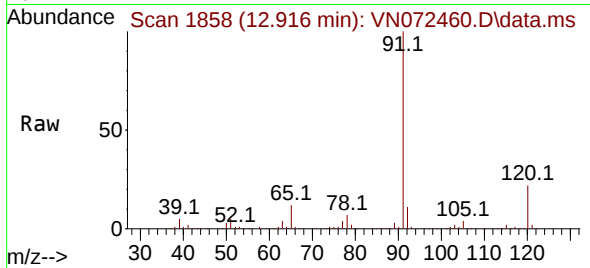
Tgt Ion:105 Resp: 435739
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4





#78
n-propylbenzene
Concen: 102.933 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

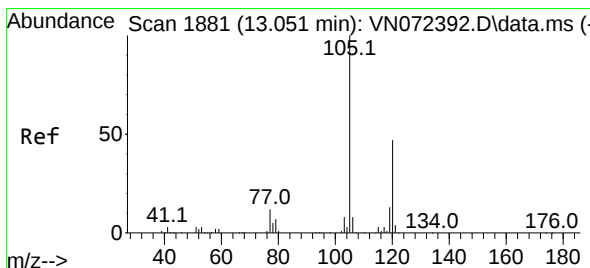
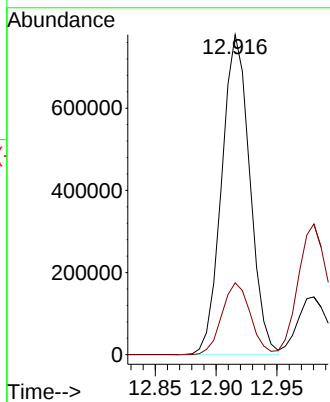
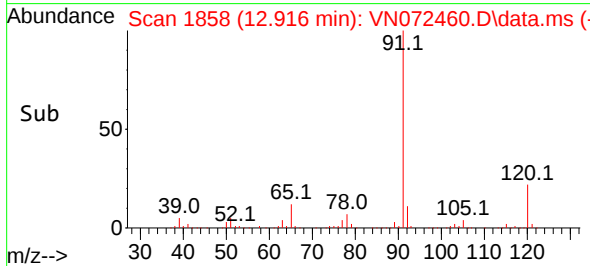
Instrument :
MSVOA_N
ClientSampleId :
GES-1



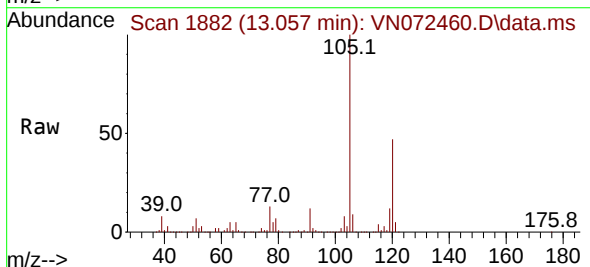
Tgt Ion: 91 Resp: 1249894
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5

Manual Integrations
APPROVED

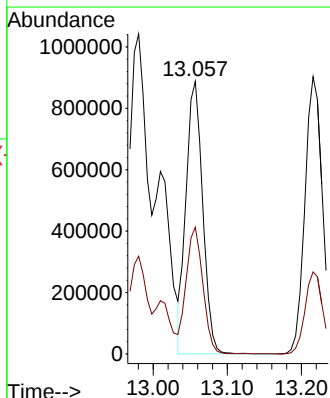
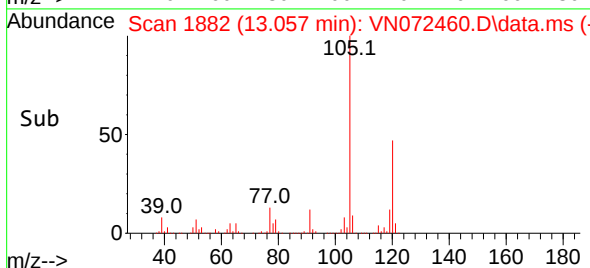
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022

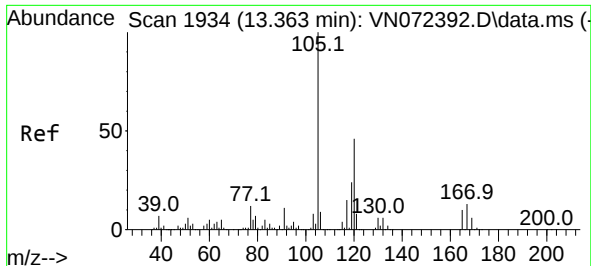


#80
1,3,5-Trimethylbenzene
Concen: 149.104 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08



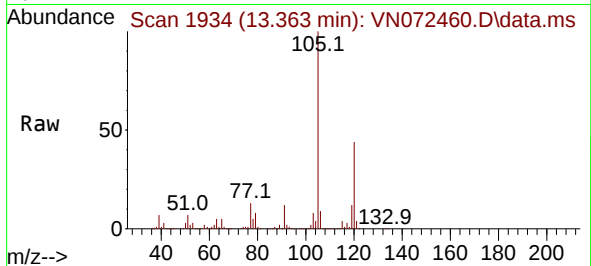
Tgt Ion:105 Resp: 1385738
Ion Ratio Lower Upper
105 100
120 46.6 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 422.541 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

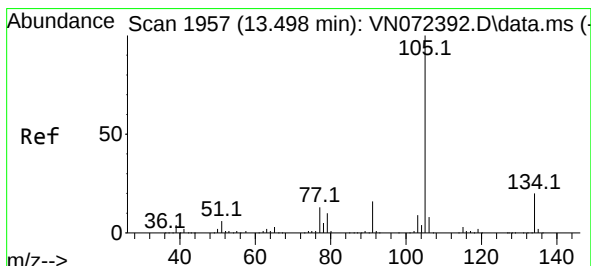
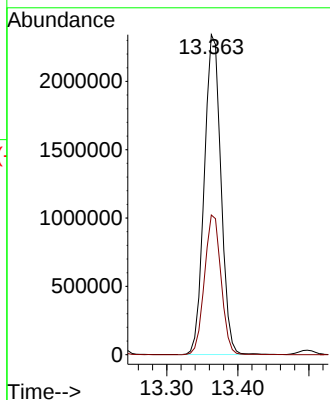
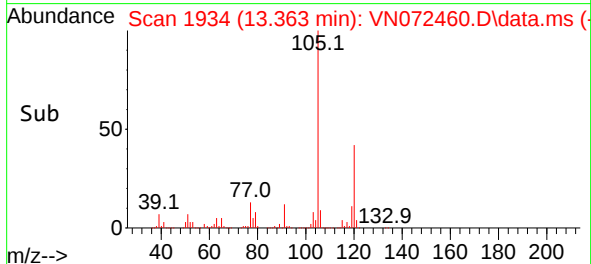
Instrument :
MSVOA_N
ClientSampleId :
GES-1



Tgt Ion:105 Resp: 3820100
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8

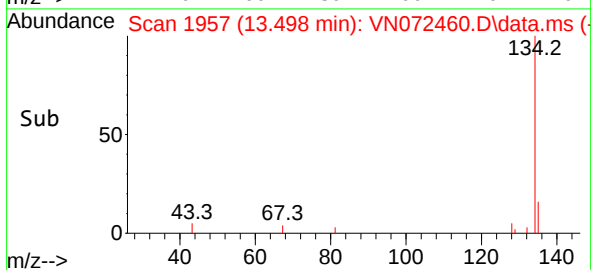
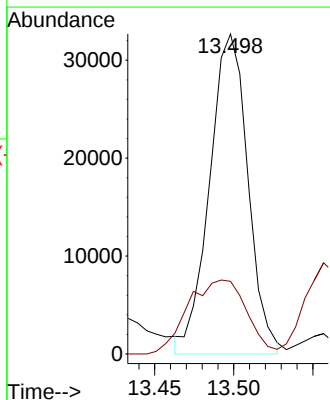
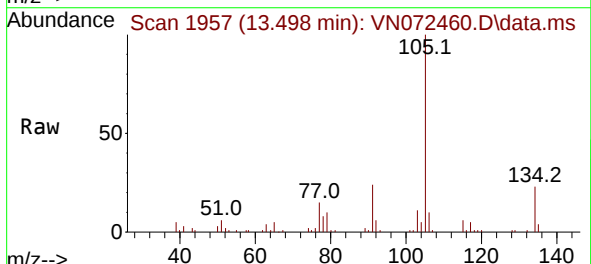
Manual Integrations
APPROVED

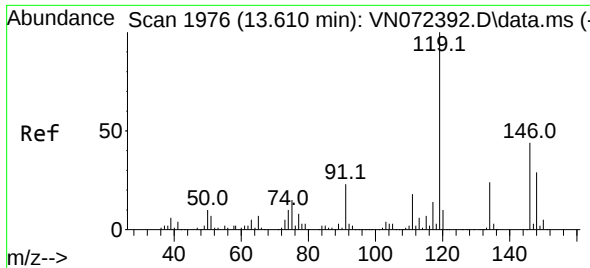
Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022



#85
sec-Butylbenzene
Concen: 5.066 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

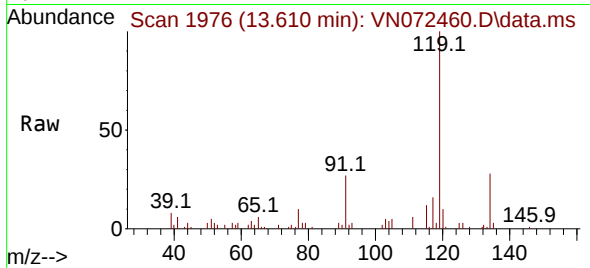
Tgt Ion:105 Resp: 54967
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 3.169 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

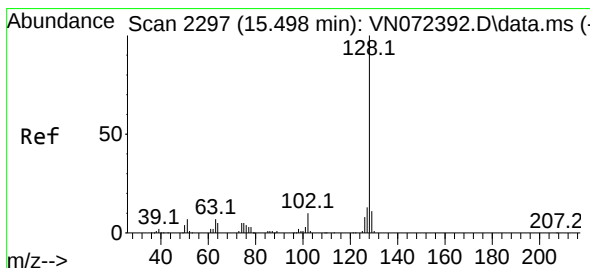
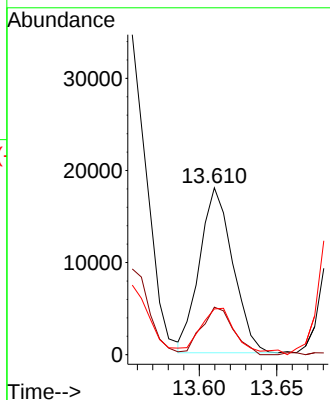
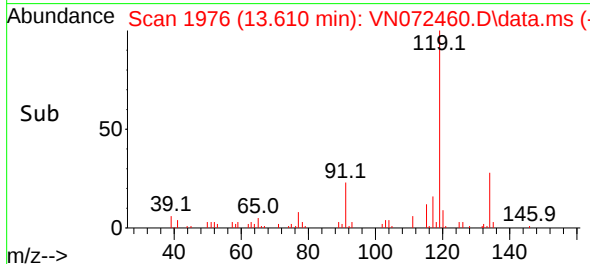
Instrument :
MSVOA_N
ClientSampleId :
GES-1



Tgt Ion:119 Resp: 26785
Ion Ratio Lower Upper
119 100
134 27.8 13.3 39.8
91 0.0 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/16/2022
Supervised By :Semsettin Yesilyurt 05/16/2022



#95
Naphthalene
Concen: 165.369 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072460.D
Acq: 12 May 2022 18:08

Tgt Ion:128 Resp: 1133885
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.6 13.0

