

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072482.D
 Acq On : 13 May 2022 17:13
 Operator : JC\MD
 Sample : N2800-10DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GES-1DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
 Supervised By :Semsettin Yesilyurt 05/25/2022

Quant Time: May 14 02:36:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	310846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	470712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	414634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	173122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	228238	47.938	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.880%		
35) Dibromofluoromethane	8.022	113	152219	48.607	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.220%		
50) Toluene-d8	10.439	98	585132	49.060	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.120%		
62) 4-Bromofluorobenzene	12.727	95	203650	51.414	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.820%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.087	56	13878	2.200	ug/l #	62
39) Methylcyclohexane	9.457	83	3159	0.625	ug/l	89
40) Benzene	8.457	78	13751	1.023	ug/l #	90
52) Toluene	10.498	92	210054	25.353	ug/l	99
67) Ethyl Benzene	11.839	91	603634	41.299	ug/l	99
68) m/p-Xylenes	11.945	106	198433	35.796	ug/l	91
69) o-Xylene	12.275	106	165073	30.307	ug/l	91
73) Isopropylbenzene	12.575	105	35984	2.509	ug/l	100
78) n-propylbenzene	12.916	91	94296	6.144	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	96614	8.225	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	281332	24.622	ug/l	96
85) sec-Butylbenzene	13.498	105	6096m	0.445	ug/l	
86) p-Isopropyltoluene	13.616	119	2896	0.271	ug/l	88
95) Naphthalene	15.498	128	60168	9.986	ug/l	99

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

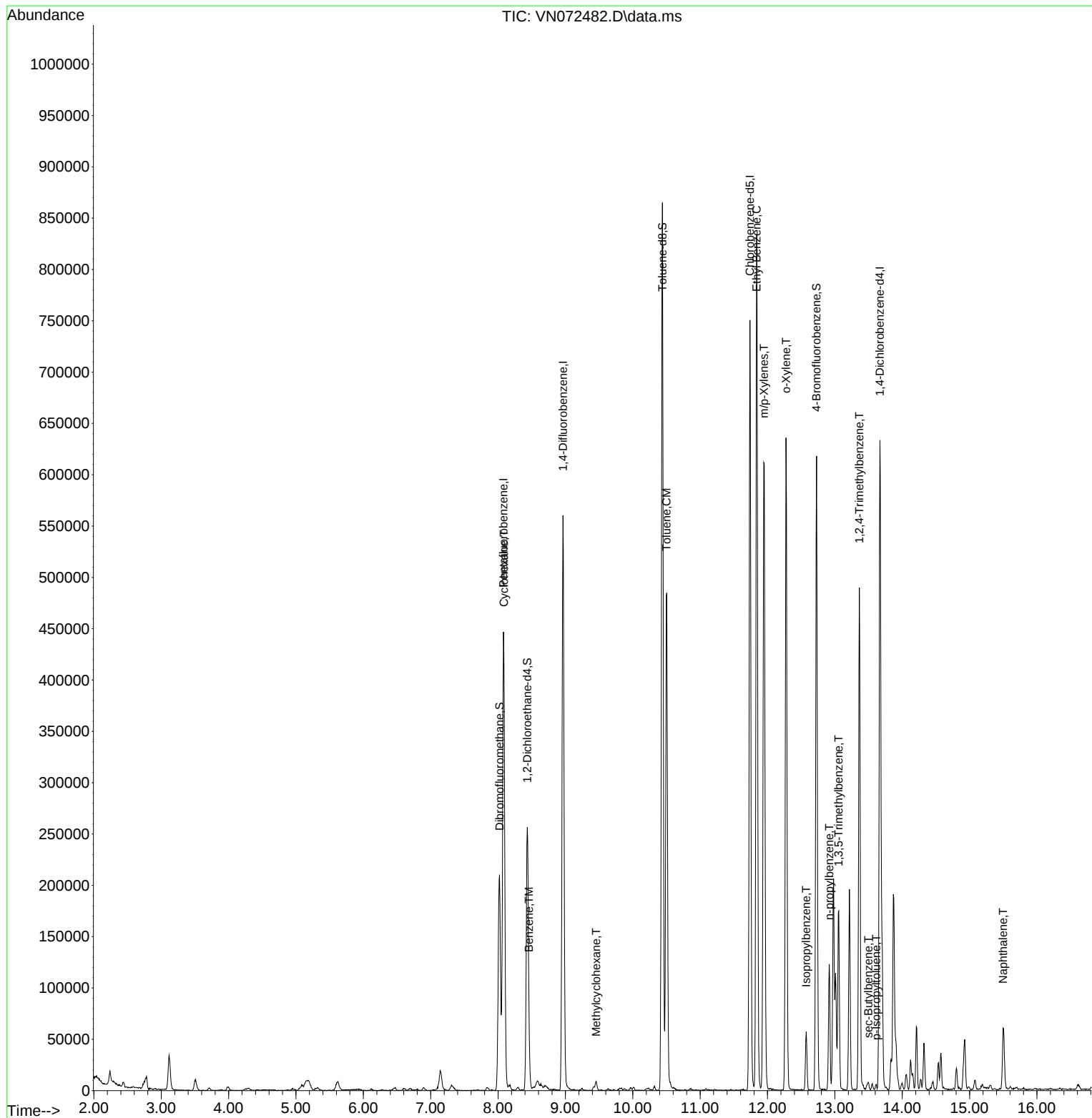
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
Data File : VN072482.D
Acq On : 13 May 2022 17:13
Operator : JC\MD
Sample : N2800-10DL 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

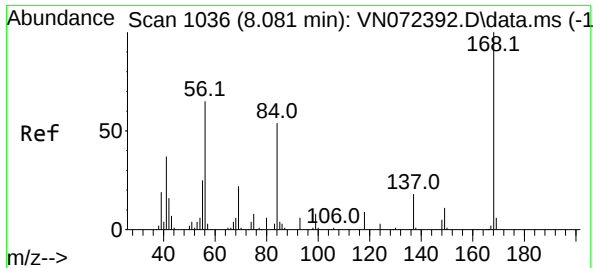
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

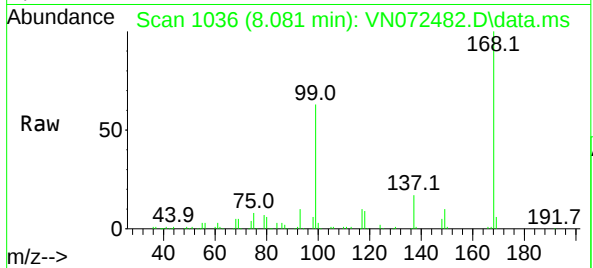
Quant Time: May 14 02:36:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

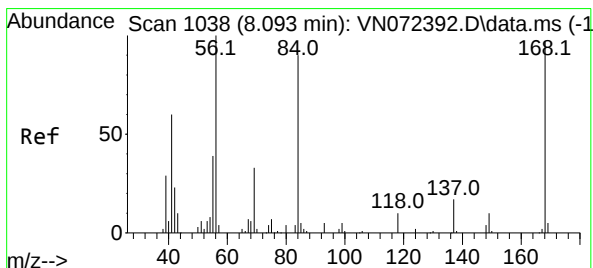
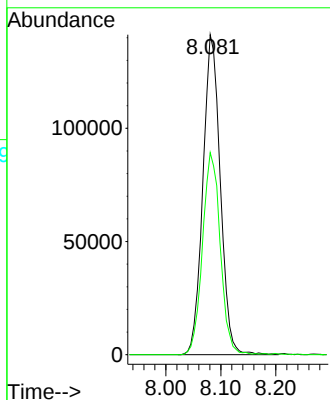
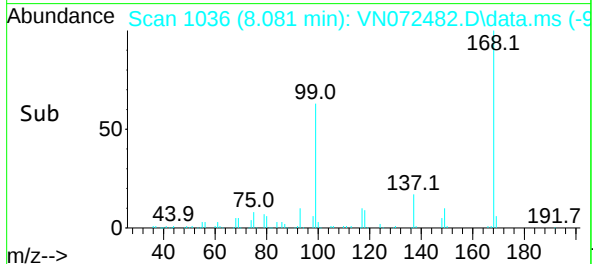
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



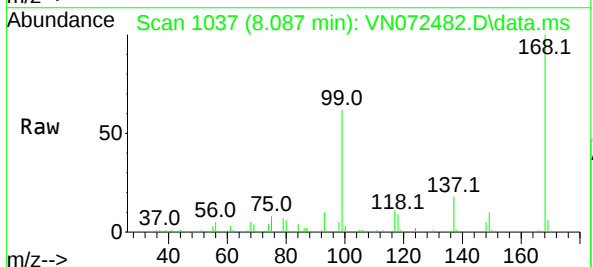
Tgt Ion:168 Resp: 310840
Ion Ratio Lower Upper
168 100
99 63.2 42.3 63.5

Manual Integrations
APPROVED

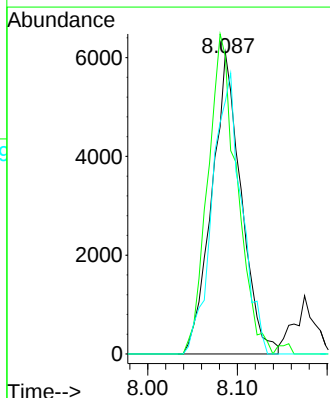
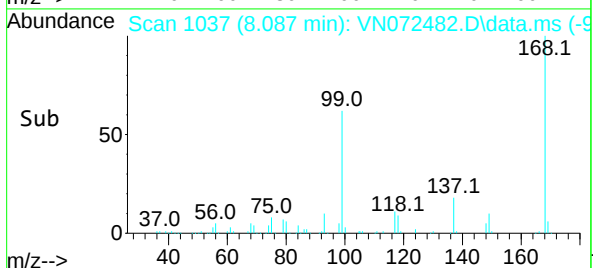
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

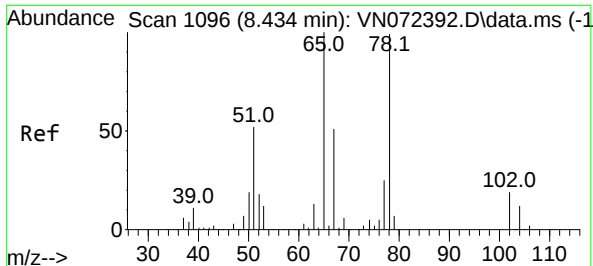


#31
Cyclohexane
Concen: 2.200 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13



Tgt Ion: 56 Resp: 13878
Ion Ratio Lower Upper
56 100
69 98.8 27.8 41.8#
84 84.0 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 47.938 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072482.D

Acq: 13 May 2022 17:13

Instrument :

MSVOA_N

ClientSampleId :

GES-1DL

Tgt Ion: 65 Resp: 228238

Ion Ratio Lower Upper

65 100

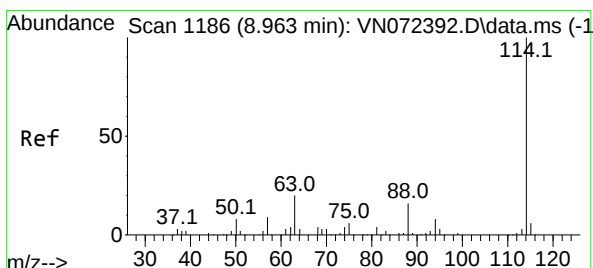
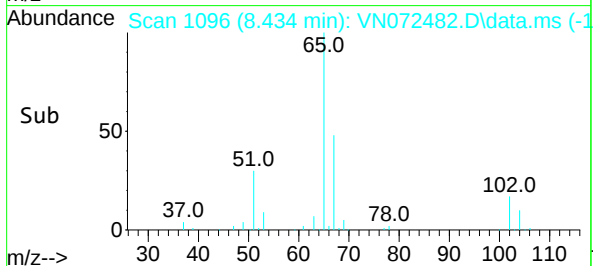
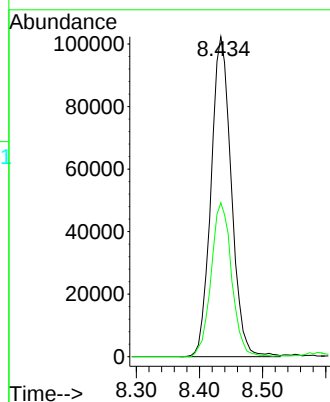
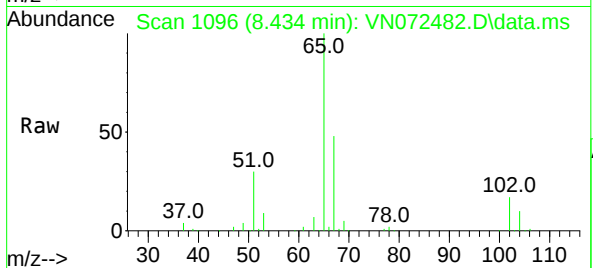
67 48.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022

Supervised By :Semsettin Yesilyurt 05/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072482.D

Acq: 13 May 2022 17:13

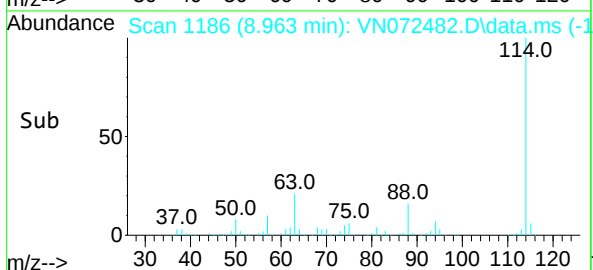
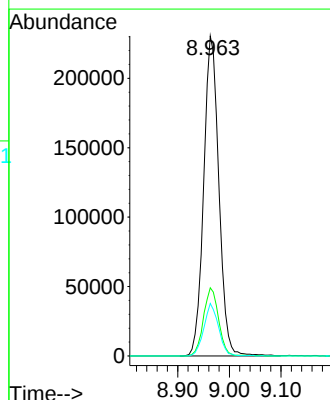
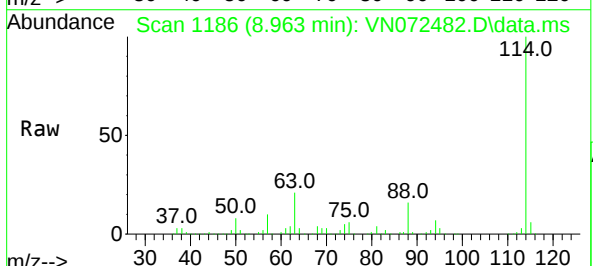
Tgt Ion:114 Resp: 470712

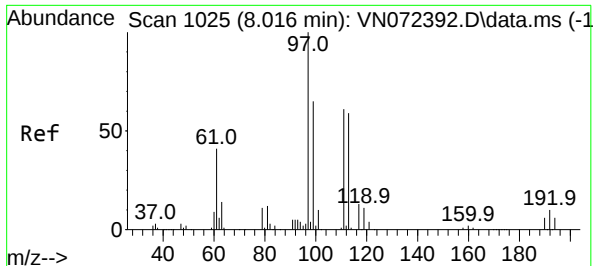
Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.0

88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.607 ug/l

RT: 8.022 min Scan# 1025

Delta R.T. 0.006 min

Lab File: VN072482.D

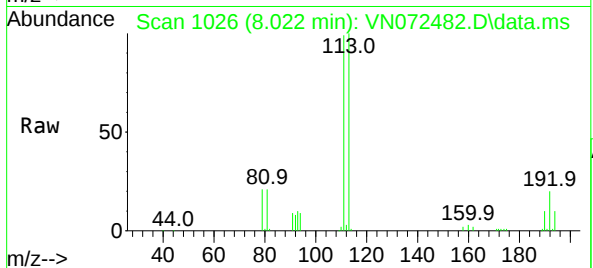
Acq: 13 May 2022 17:13

Instrument :

MSVOA_N

ClientSampleId :

GES-1DL

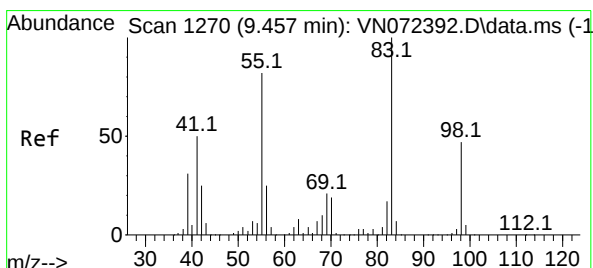
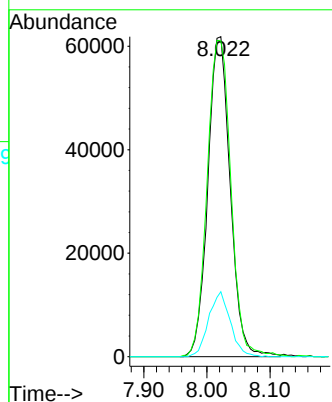
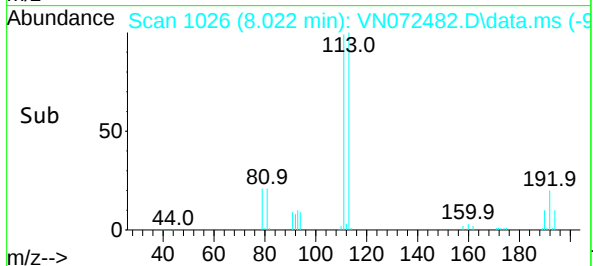


Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.1	81.4	122.0
192	19.7	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#39

Methylcyclohexane

Concen: 0.625 ug/l

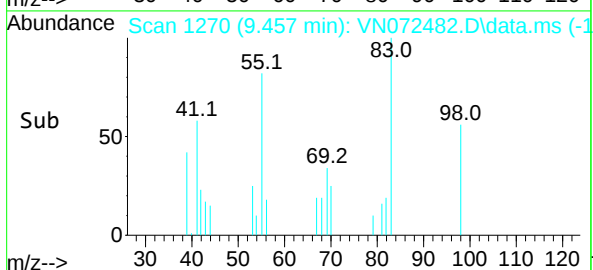
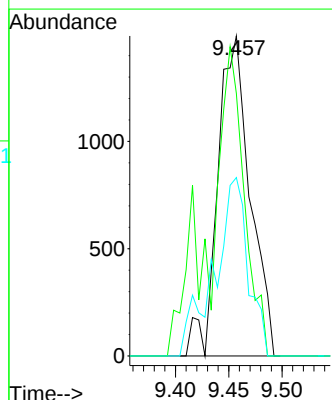
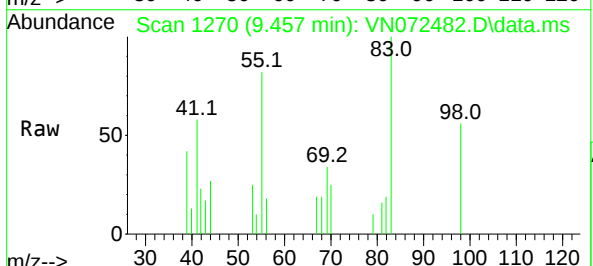
RT: 9.457 min Scan# 1270

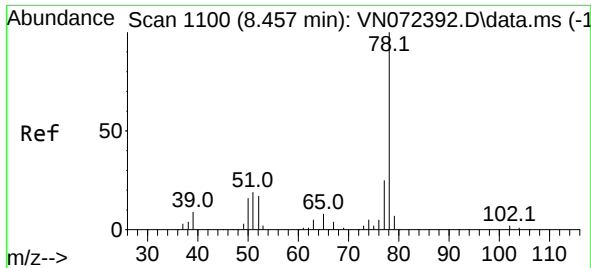
Delta R.T. 0.000 min

Lab File: VN072482.D

Acq: 13 May 2022 17:13

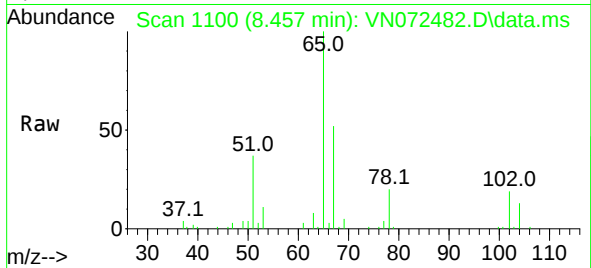
Tgt Ion	Ratio	Lower	Upper
83	100		
55	82.0	57.8	86.8
98	55.8	39.4	59.2





#40
Benzene
Concen: 1.023 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

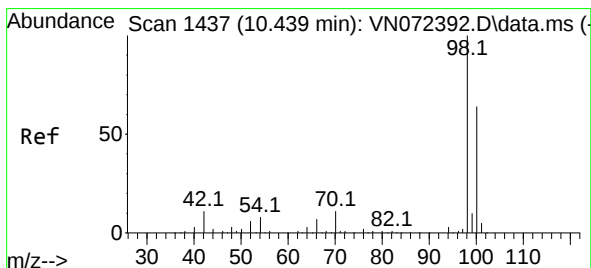
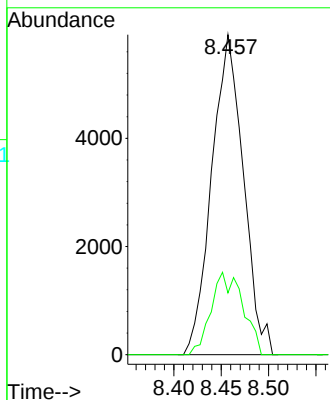
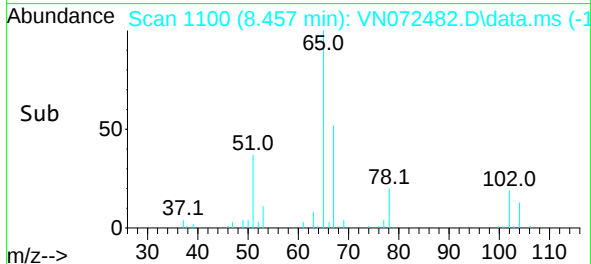
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



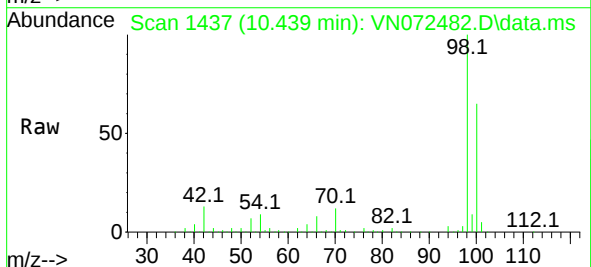
Tgt Ion: 78 Resp: 1375
Ion Ratio Lower Upper
78 100
77 19.3 19.4 29.0

Manual Integrations
APPROVED

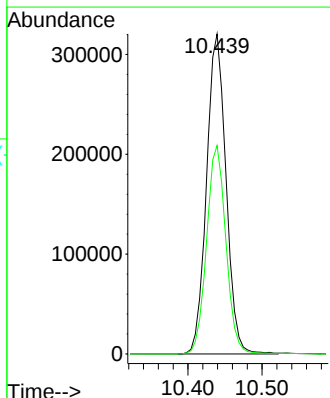
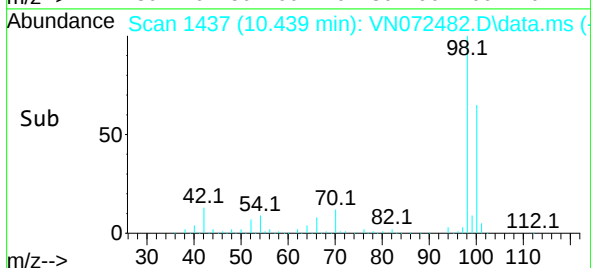
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

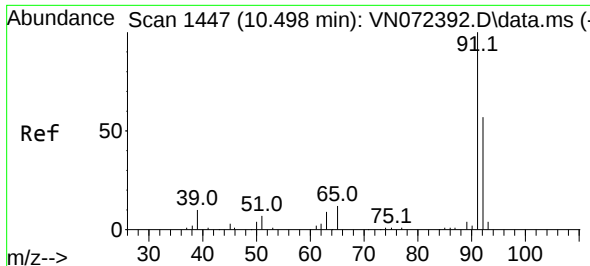


#50
Toluene-d8
Concen: 49.060 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13



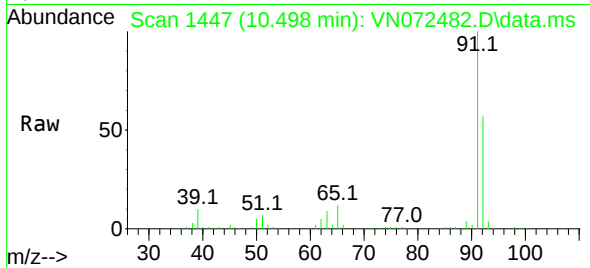
Tgt Ion: 98 Resp: 585132
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8





#52
Toluene
Concen: 25.353 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

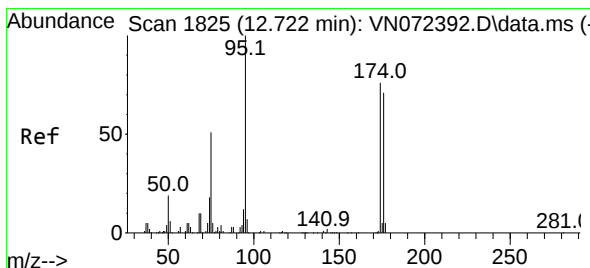
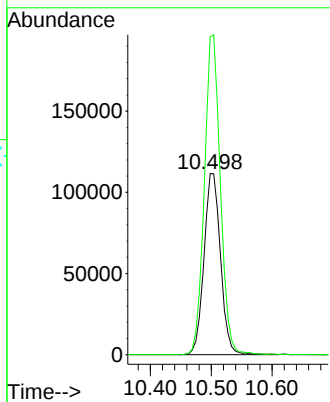
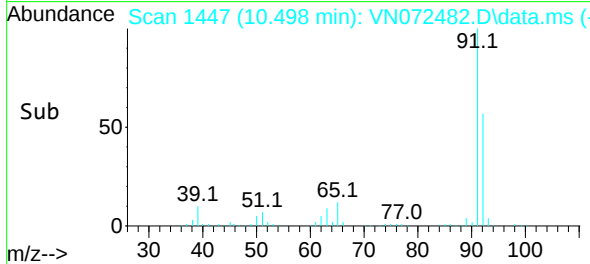
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



Tgt Ion: 92 Resp: 210054
Ion Ratio Lower Upper
92 100
91 171.2 138.6 207.8

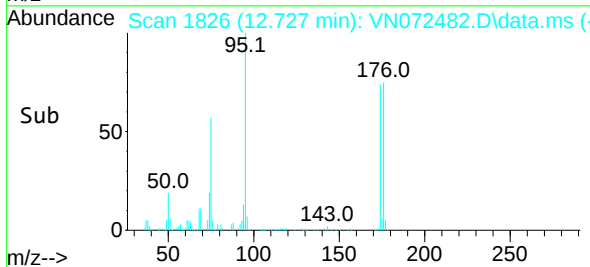
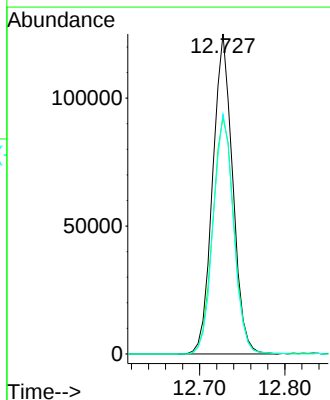
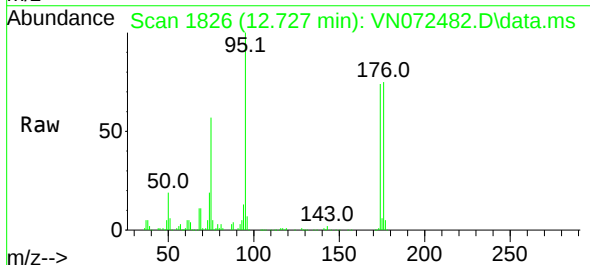
Manual Integrations
APPROVED

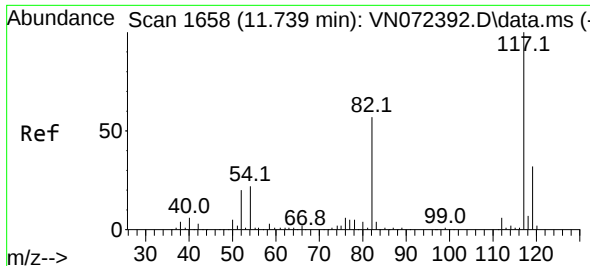
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#62
4-Bromofluorobenzene
Concen: 51.414 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

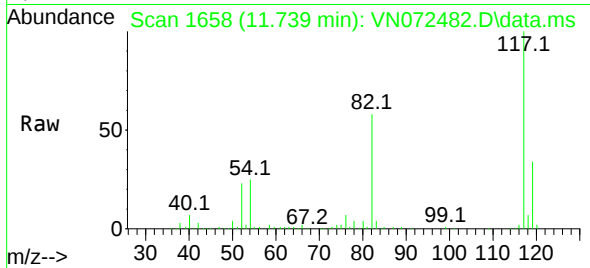
Tgt Ion: 95 Resp: 203650
Ion Ratio Lower Upper
95 100
174 78.2 0.0 167.6
176 76.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

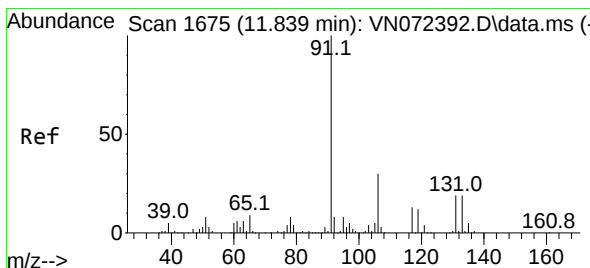
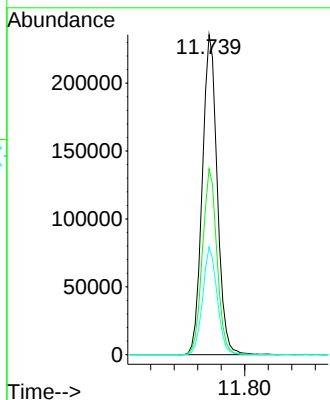
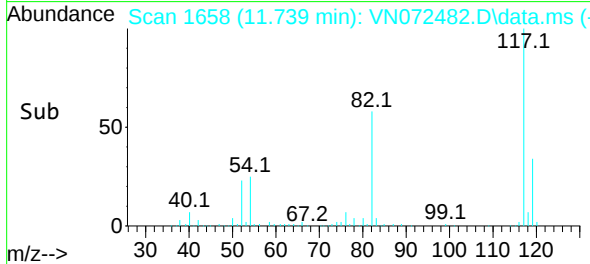
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



Tgt Ion:117 Resp: 414634
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 33.7 25.4 38.0

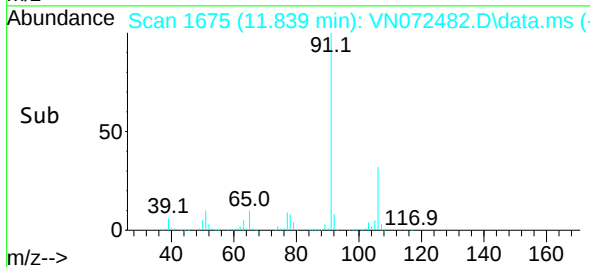
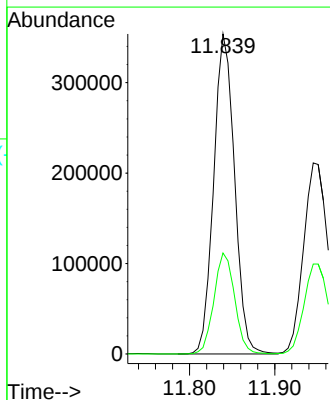
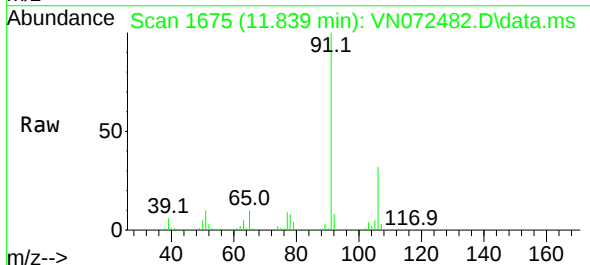
Manual Integrations
APPROVED

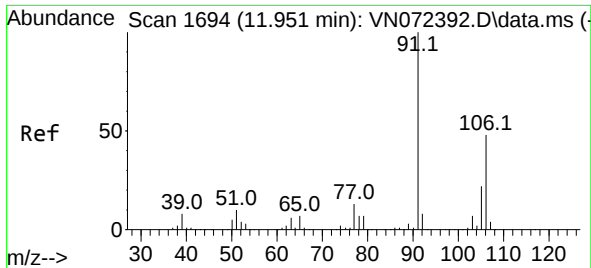
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#67
Ethyl Benzene
Concen: 41.299 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

Tgt Ion: 91 Resp: 603634
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3





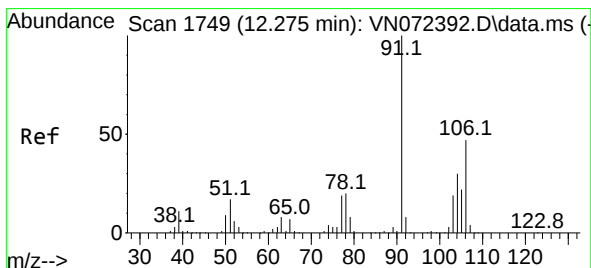
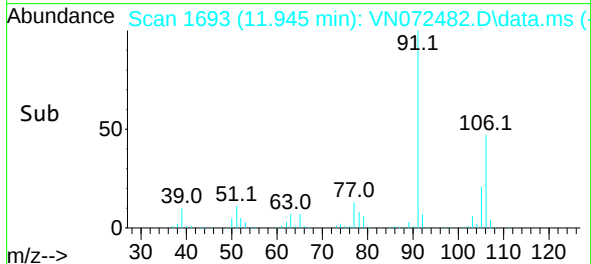
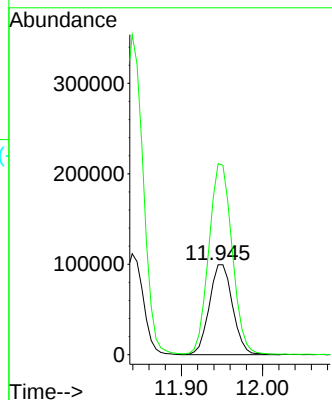
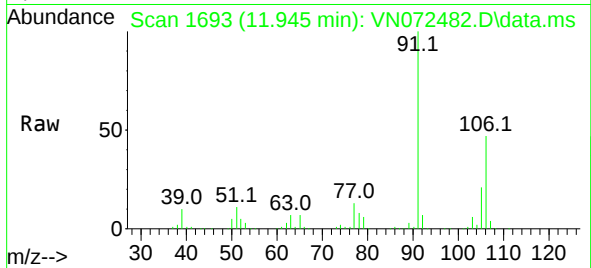
#68
m/p-Xylenes
Concen: 35.796 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

Instrument :
MSVOA_N
ClientSampleId :
GES-1DL

Tgt Ion:106 Resp: 19843
Ion Ratio Lower Upper
106 100
91 212.2 158.9 238.3

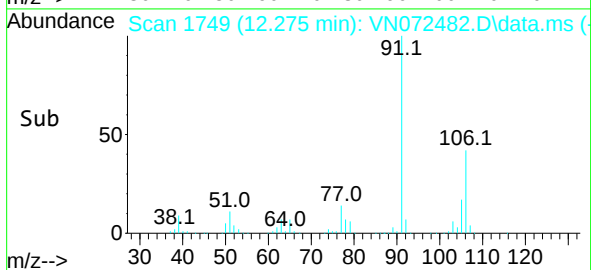
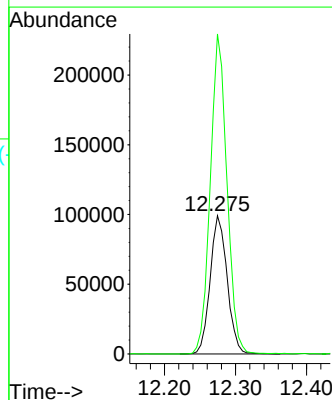
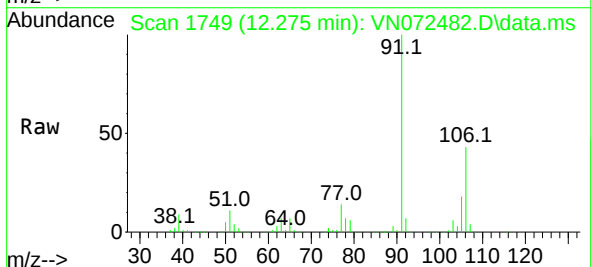
Manual Integrations
APPROVED

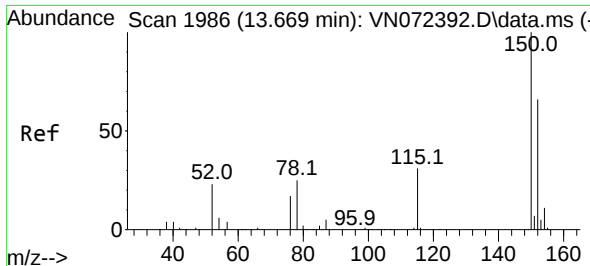
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#69
o-Xylene
Concen: 30.307 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

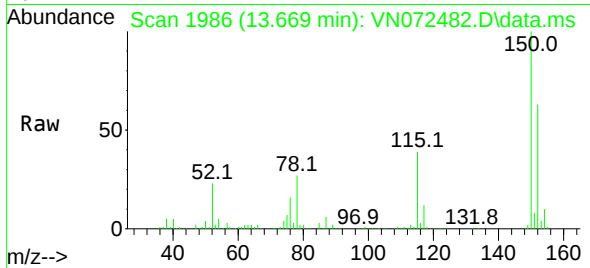
Tgt Ion:106 Resp: 165073
Ion Ratio Lower Upper
106 100
91 226.3 106.0 318.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

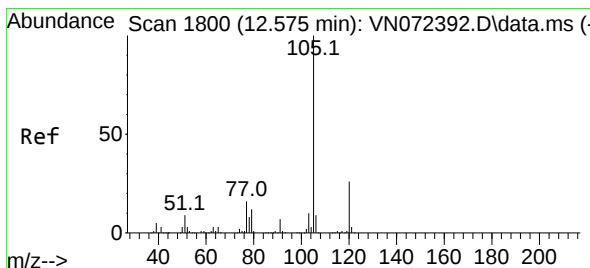
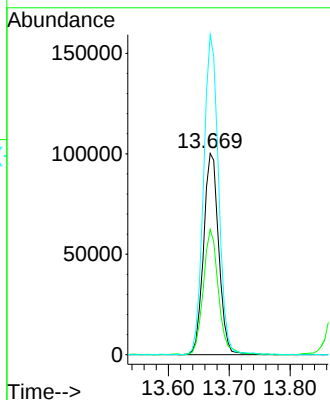
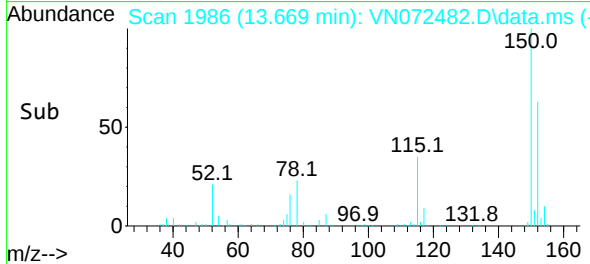
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



Tgt Ion:152 Resp: 17312
Ion Ratio Lower Upper
152 100
115 62.5 28.9 86.7
150 157.2 0.0 356.2

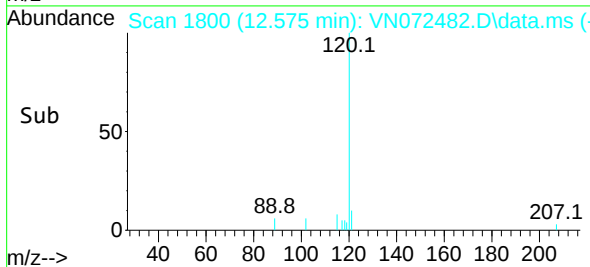
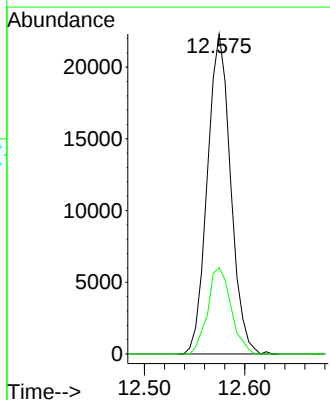
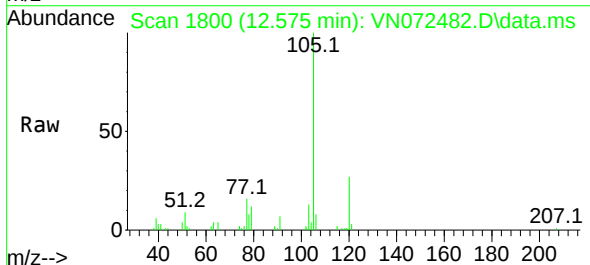
Manual Integrations
APPROVED

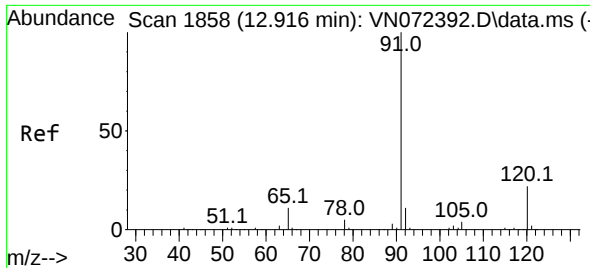
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#73
Isopropylbenzene
Concen: 2.509 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

Tgt Ion:105 Resp: 35984
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4





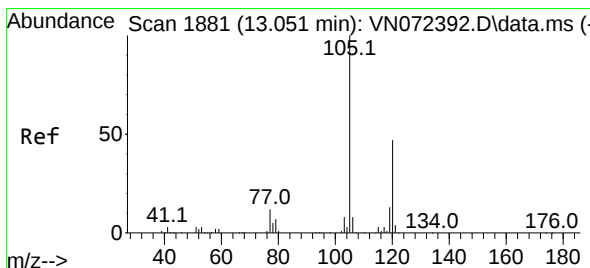
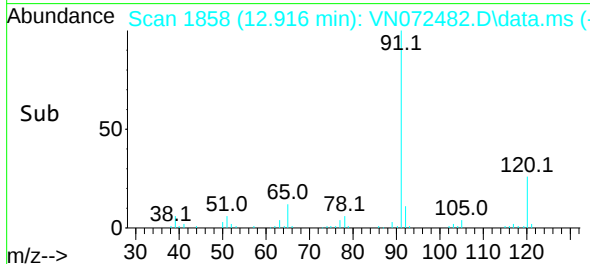
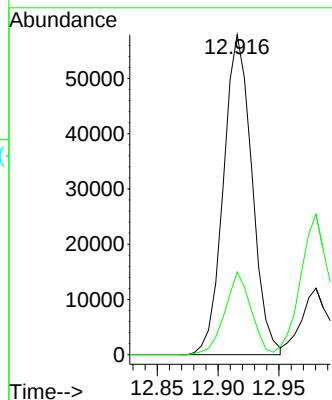
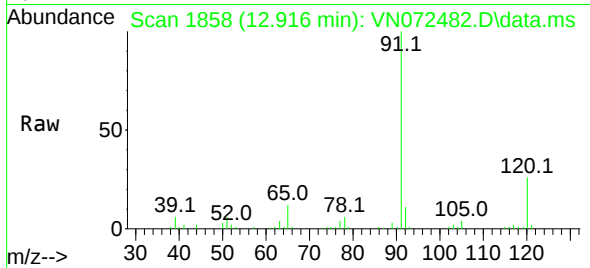
#78
n-propylbenzene
Concen: 6.144 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

Instrument :
MSVOA_N
ClientSampleId :
GES-1DL

Tgt Ion: 91 Resp: 94290
Ion Ratio Lower Upper
91 100
120 23.8 11.9 35.5

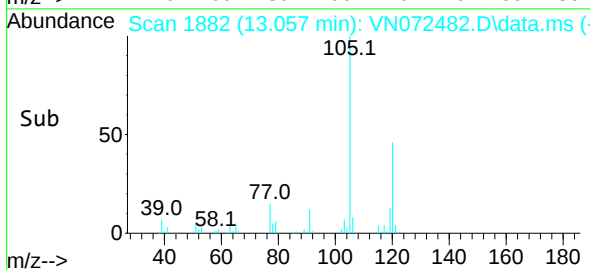
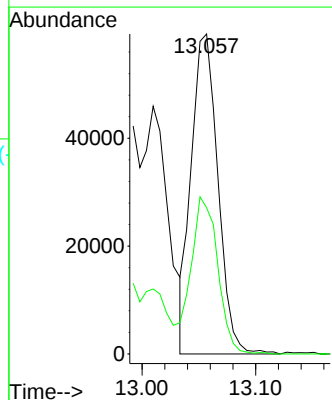
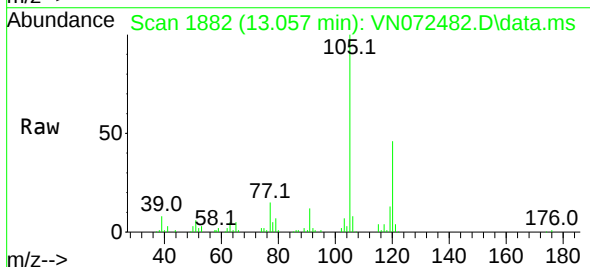
Manual Integrations
APPROVED

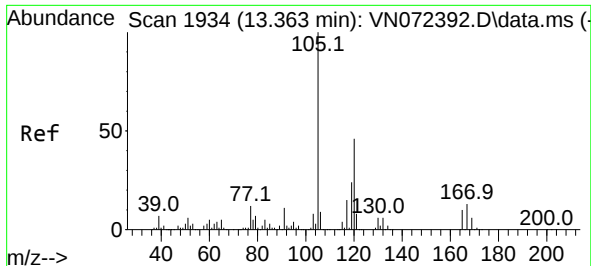
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 8.225 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

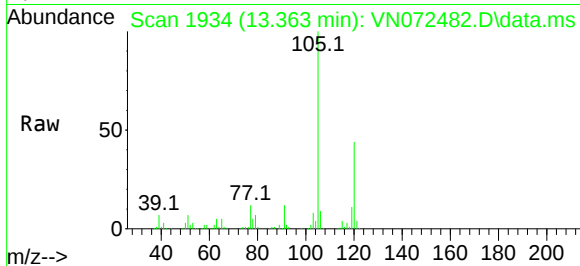
Tgt Ion:105 Resp: 96614
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#84
1,2,4-Trimethylbenzene
Concen: 24.622 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

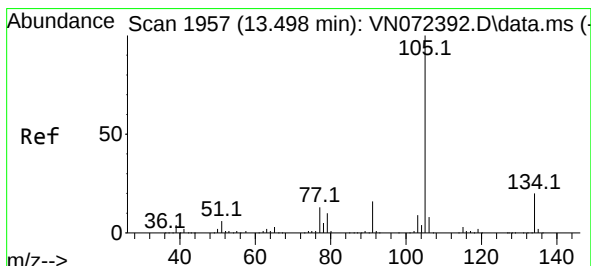
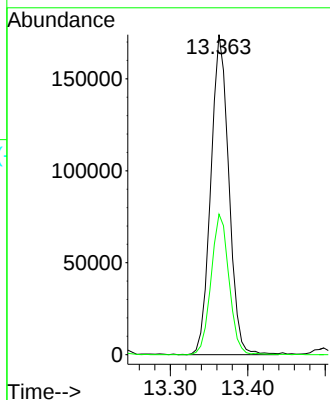
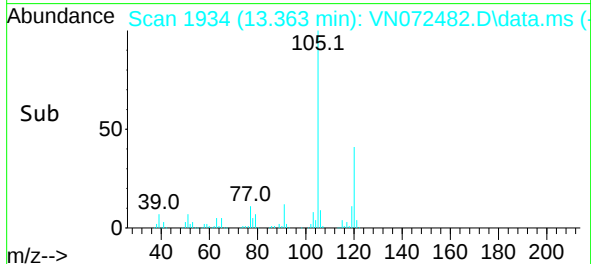
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



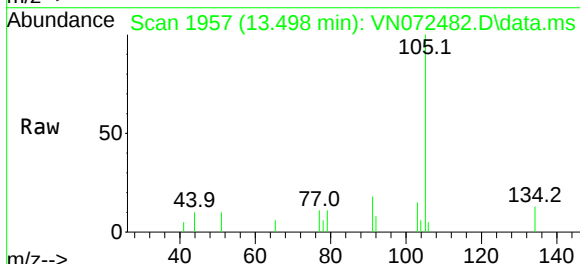
Tgt Ion:105 Resp: 28133
Ion Ratio Lower Upper
105 100
120 43.7 23.3 69.8

Manual Integrations
APPROVED

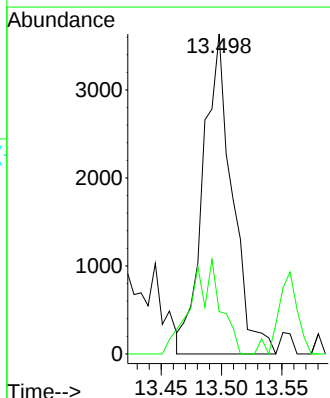
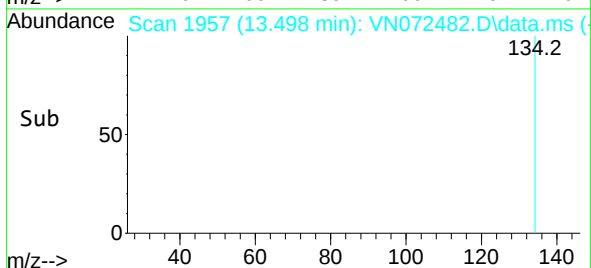
Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022

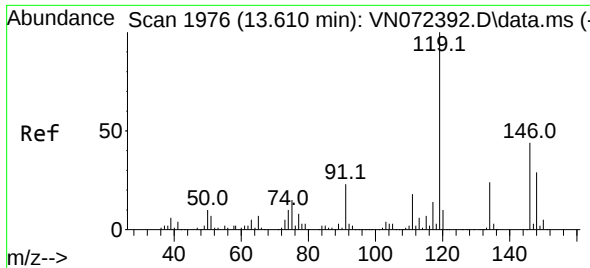


#85
sec-Butylbenzene
Concen: 0.445 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13



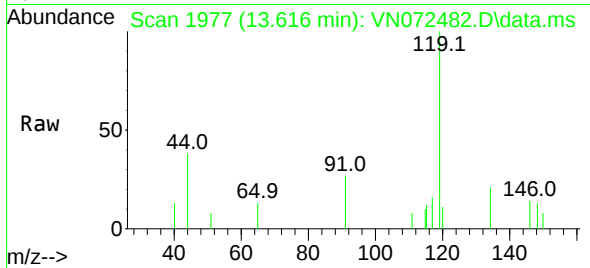
Tgt Ion:105 Resp: 6096
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#





#86
p-Isopropyltoluene
Concen: 0.271 ug/l
RT: 13.616 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

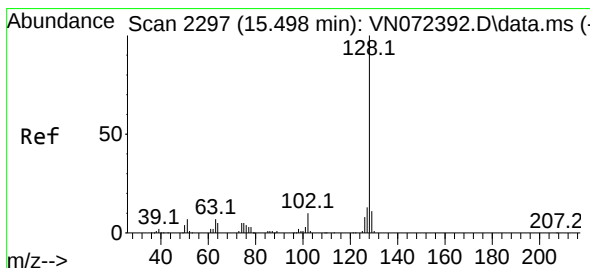
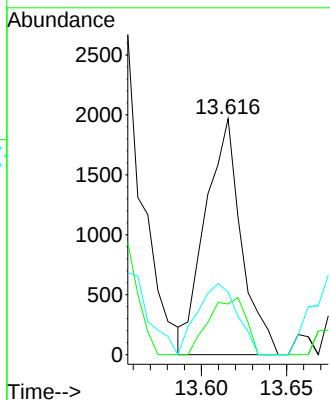
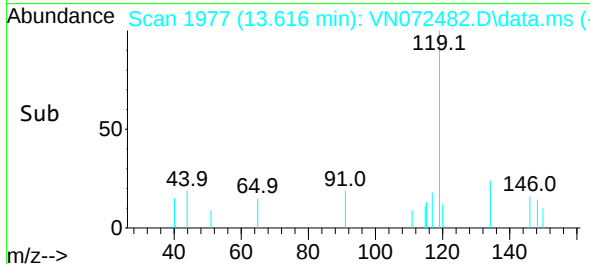
Instrument :
MSVOA_N
ClientSampleId :
GES-1DL



Tgt Ion:119 Resp: 2890
Ion Ratio Lower Upper
119 100
134 24.7 13.3 39.8
91 33.3 11.3 33.9

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/25/2022
Supervised By :Semsettin Yesilyurt 05/25/2022



#95
Naphthalene
Concen: 9.986 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072482.D
Acq: 13 May 2022 17:13

Tgt Ion:128 Resp: 60168
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.9 8.6 13.0

