

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
 Data File : VN075610.D
 Acq On : 07 Dec 2022 16:37
 Operator : JC\MD
 Sample : N5876-08 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GILL-12-02-SIL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2022
 Supervised By : Mahesh Dadoda 12/08/2022

Quant Time: Dec 07 17:00:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	210214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	348444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	324894	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	185285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	57076	50.581	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.160%			
35) Dibromofluoromethane	8.177	113	72672	53.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.180%			
50) Toluene-d8	10.571	98	162434	52.688	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	12.853	95	137153	60.273	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.540%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.547	59	51555	108.837	ug/l	96
16) Acetone	4.442	43	107111	101.766	ug/l	96
18) Methyl Acetate	5.036	43	17900	5.596	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	14844	2.153	ug/l	93
25) 2-Butanone	7.494	43	59628m	40.578	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	28337	10.312	ug/l	94
52) Toluene	10.635	92	109860	18.654	ug/l	100
67) Ethyl Benzene	11.971	91	113801	9.942	ug/l	99
68) m/p-Xylenes	12.071	106	200011	43.027	ug/l	99
69) o-Xylene	12.400	106	128639	27.852	ug/l	96
78) n-propylbenzene	13.041	91	18041	1.194	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	44757	3.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	242595	21.505	ug/l	97

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

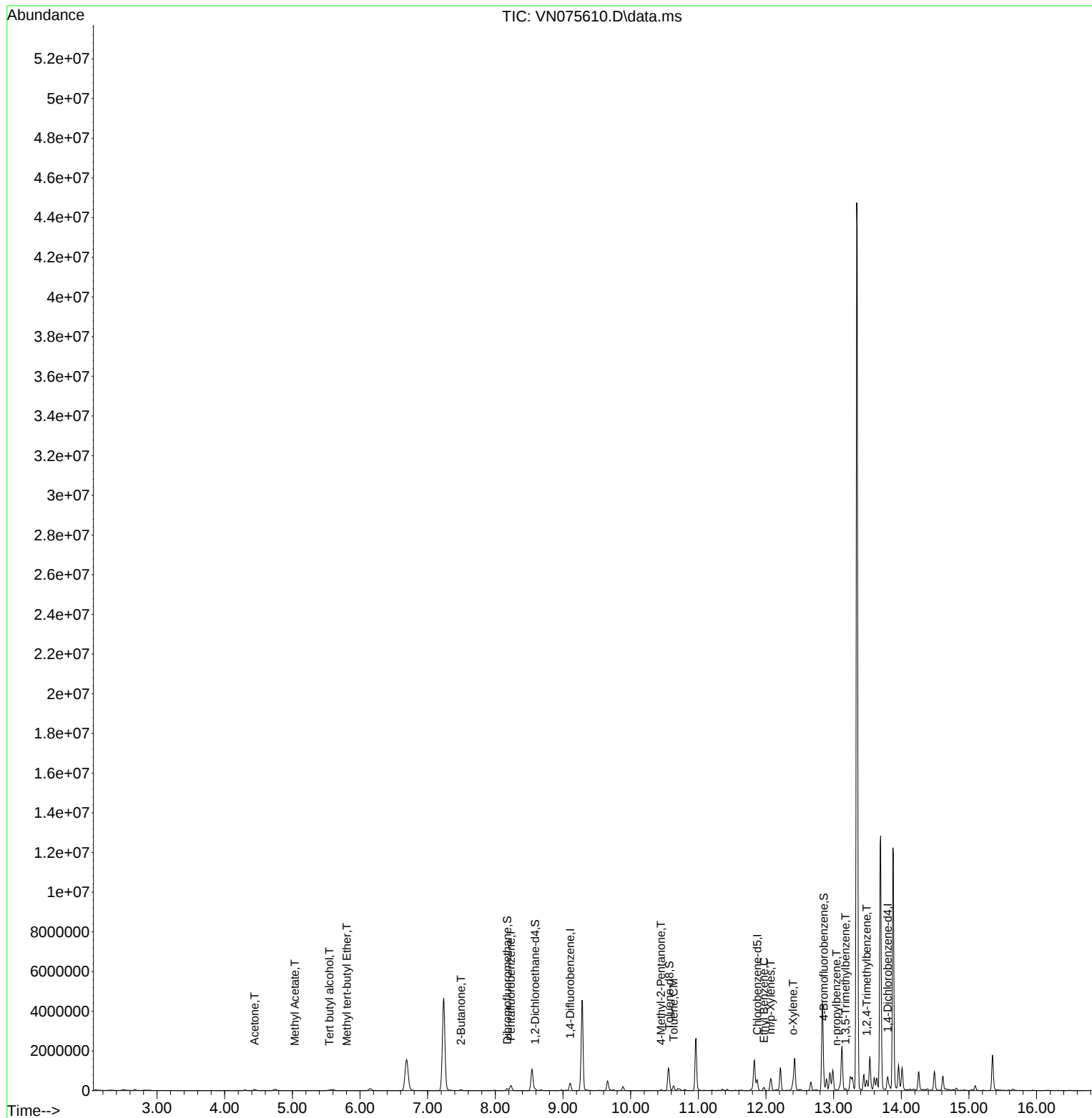
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120722\
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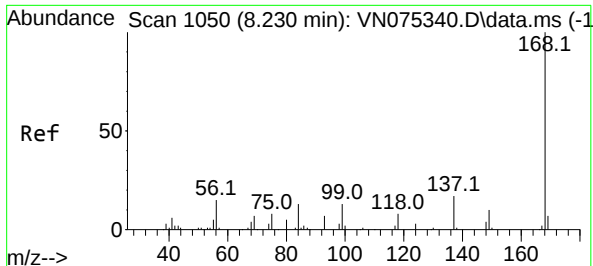
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

Quant Time: Dec 07 17:00:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 23 00:18:03 2022
Response via : Initial Calibration

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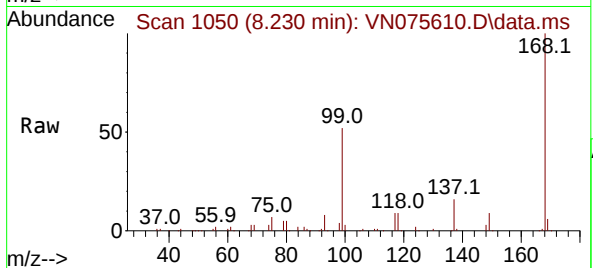
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

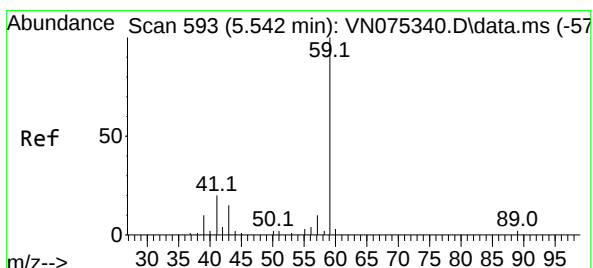
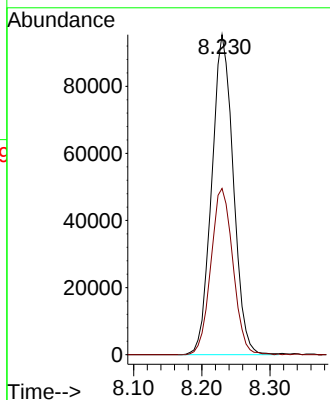
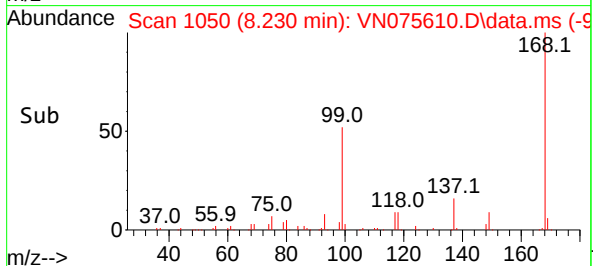
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL



Tgt Ion:168 Resp: 210214
Ion Ratio Lower Upper
168 100
99 52.0 51.6 77.4

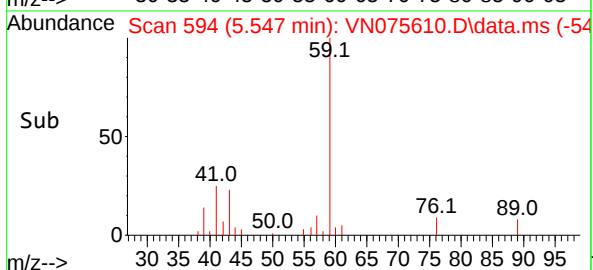
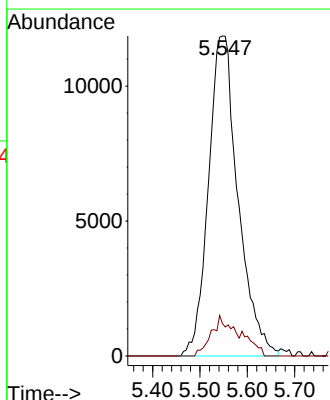
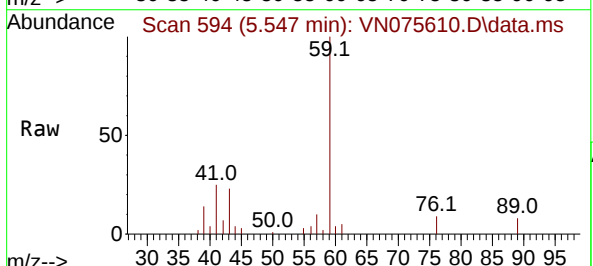
Manual Integrations
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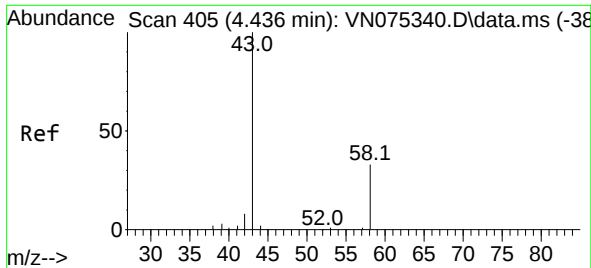
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#11
Tert butyl alcohol
Concen: 108.837 ug/l
RT: 5.547 min Scan# 594
Delta R.T. 0.005 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

Tgt Ion: 59 Resp: 51555
Ion Ratio Lower Upper
59 100
57 9.0 8.5 12.7





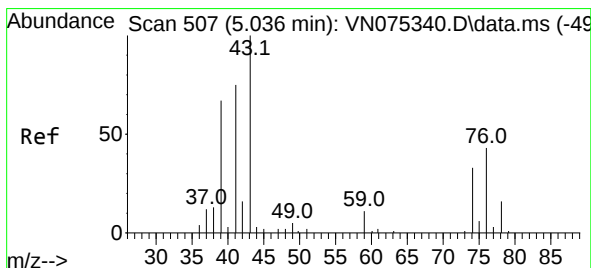
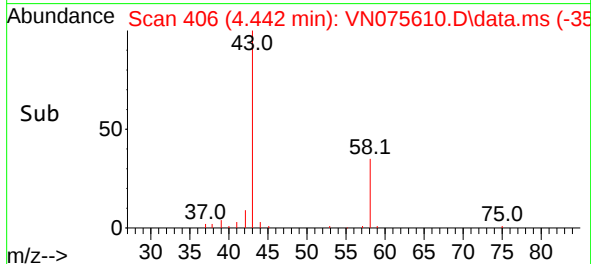
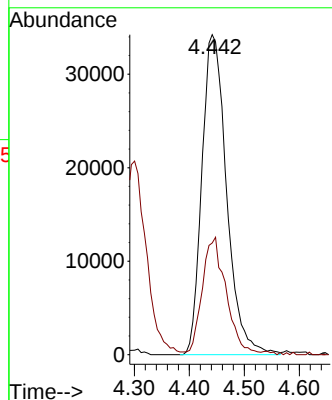
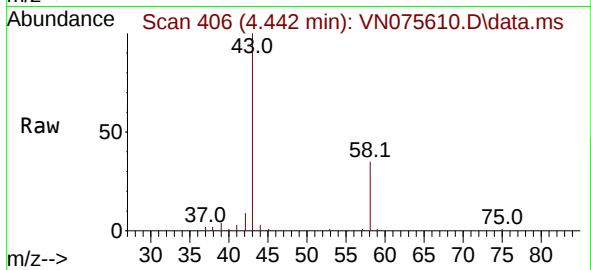
#16
Acetone
Concen: 101.766 ug/l
RT: 4.442 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

Tgt Ion: 43 Resp: 10711
Ion Ratio Lower Upper
43 100
58 34.2 25.5 38.3

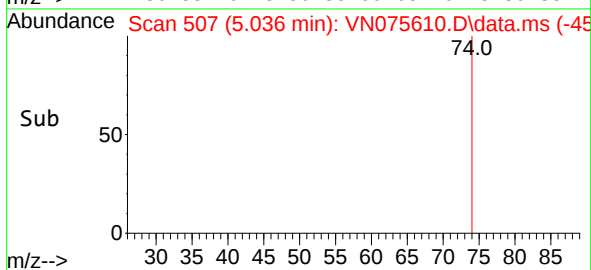
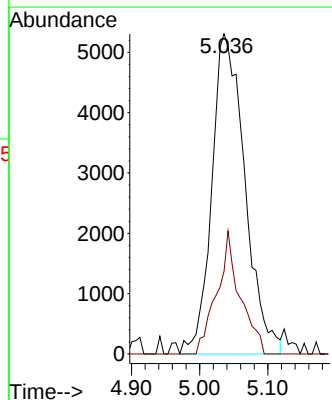
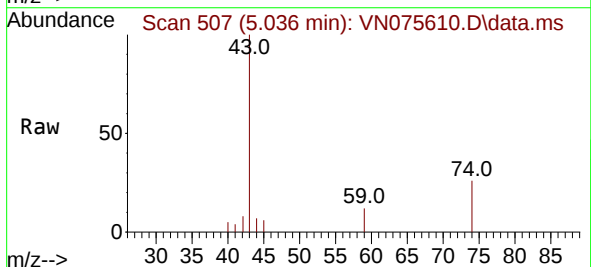
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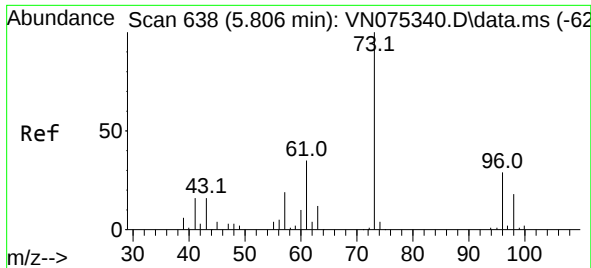
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#18
Methyl Acetate
Concen: 5.596 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

Tgt Ion: 43 Resp: 17900
Ion Ratio Lower Upper
43 100
74 26.9 22.0 33.0





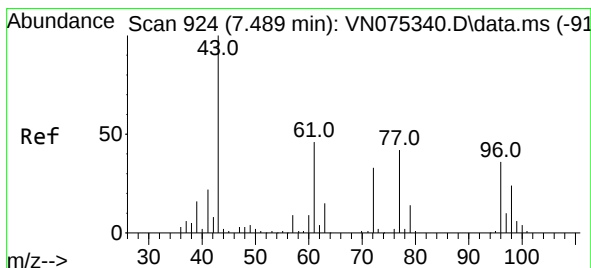
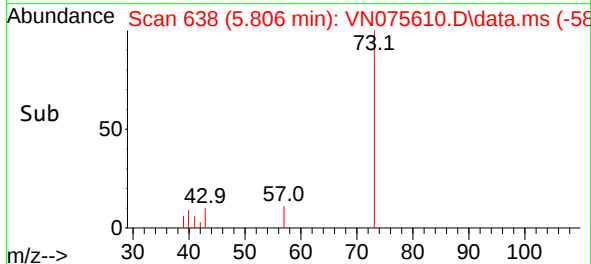
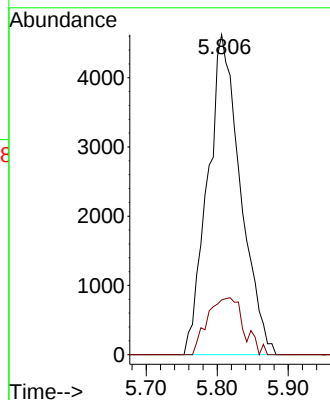
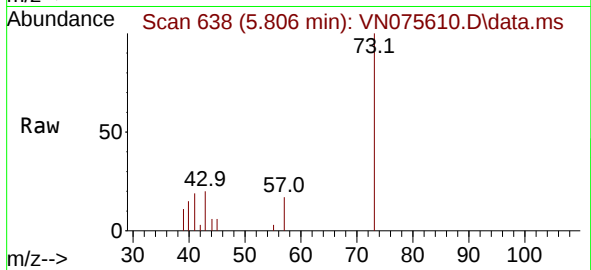
#19
Methyl tert-butyl Ether
Concen: 2.153 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL

Tgt Ion: 73 Resp: 1484
Ion Ratio Lower Upper
73 100
57 17.1 16.3 24.5

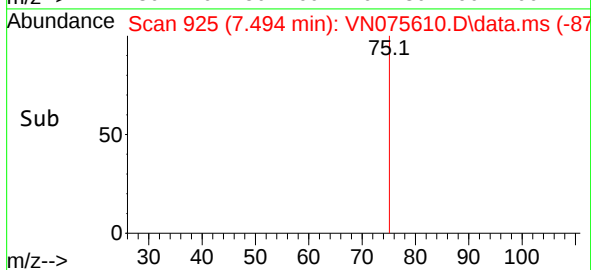
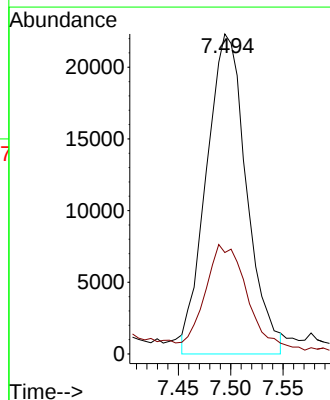
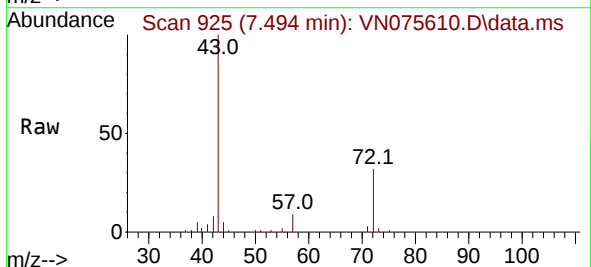
Manual Integrations
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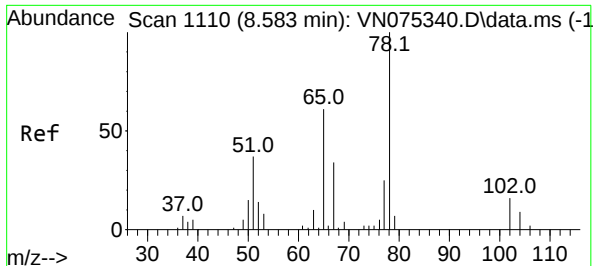
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#25
2-Butanone
Concen: 40.578 ug/l m
RT: 7.494 min Scan# 925
Delta R.T. 0.005 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

Tgt Ion: 43 Resp: 59628
Ion Ratio Lower Upper
43 100
72 31.7 25.5 38.3





#33

1,2-Dichloroethane-d4

Concen: 50.581 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075610.D

Acq: 07 Dec 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

GILL-12-02-SIL

Tgt Ion: 65 Resp: 57070

Ion Ratio Lower Upper

65 100

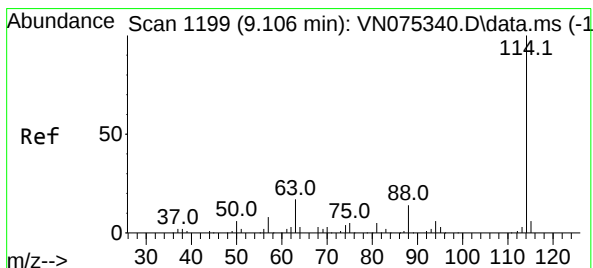
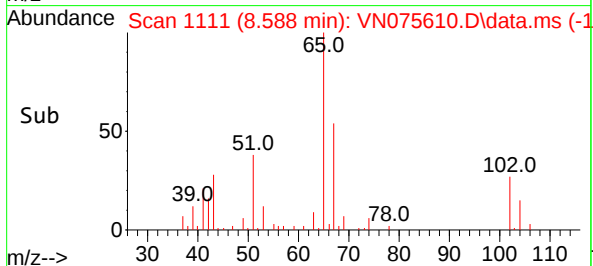
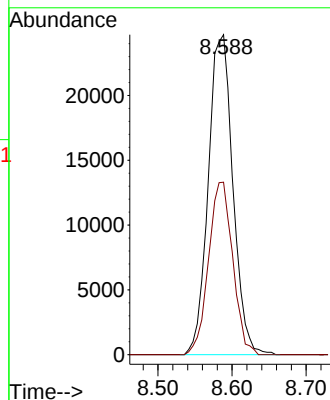
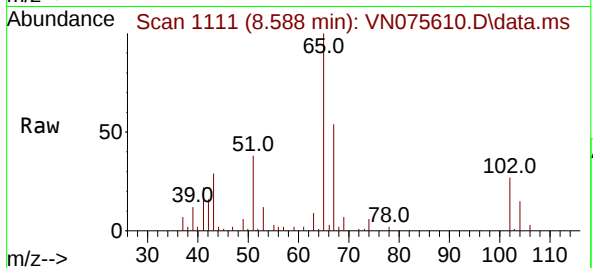
67 52.9 0.0 102.0

Manual Integrations

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Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075610.D

Acq: 07 Dec 2022 16:37

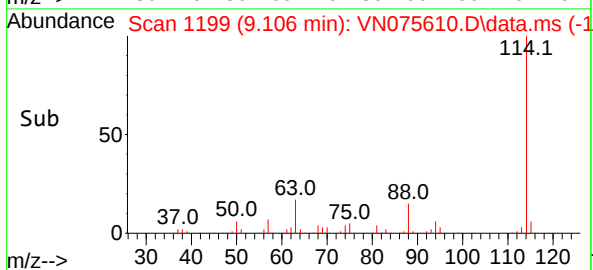
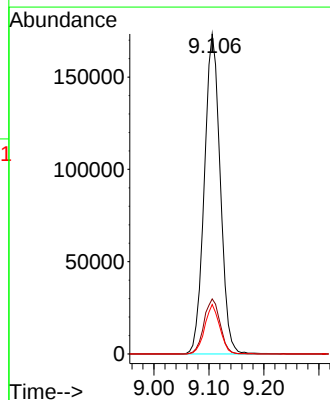
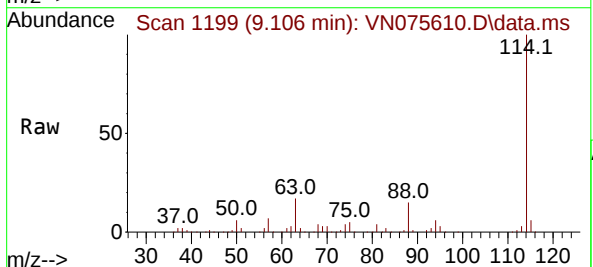
Tgt Ion:114 Resp: 348444

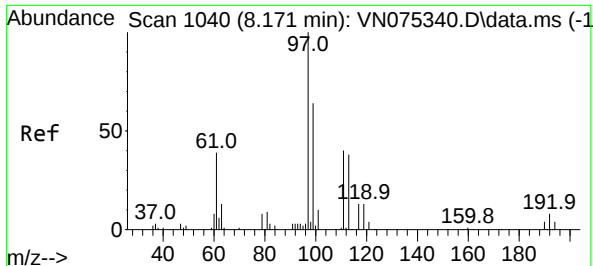
Ion Ratio Lower Upper

114 100

63 17.2 0.0 39.6

88 15.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.092 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075610.D

Acq: 07 Dec 2022 16:37

Instrument :

MSVOA_N

ClientSampleId :

GILL-12-02-SIL

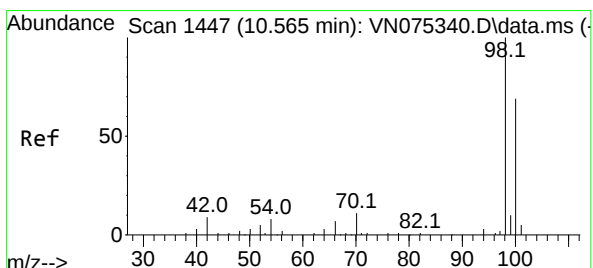
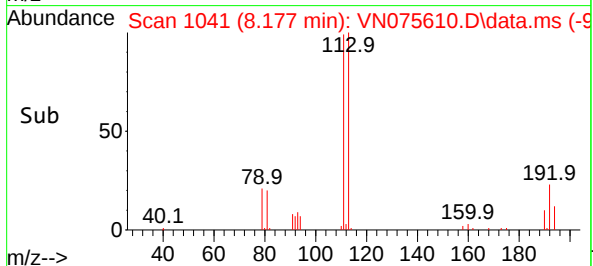
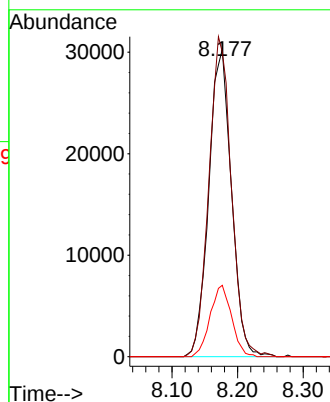
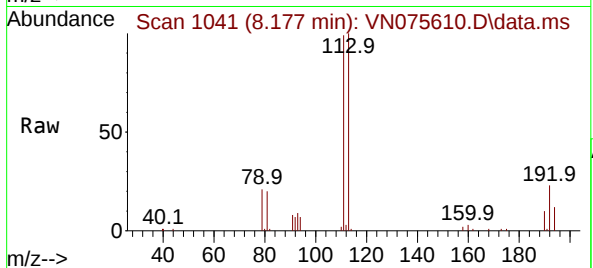
Tgt Ion:	113	Resp:	72672
Ion Ratio	Lower	Upper	
113	100		
111	103.2	80.5	120.7
192	22.0	13.2	19.8

Manual Integrations

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Reviewed By :John Carlone 12/08/2022

Supervised By :Mahesh Dadoda 12/08/2022



#50

Toluene-d8

Concen: 52.688 ug/l

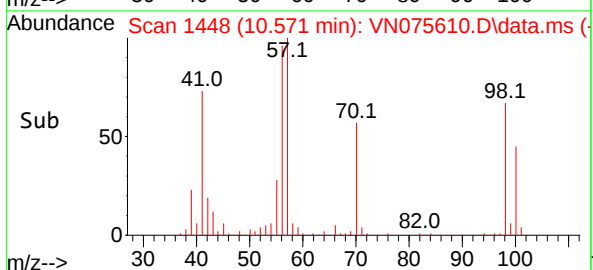
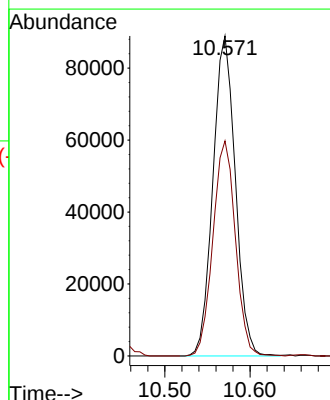
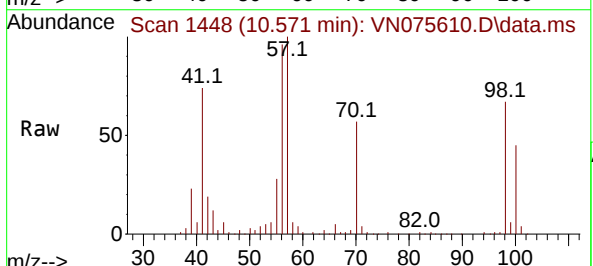
RT: 10.571 min Scan# 1448

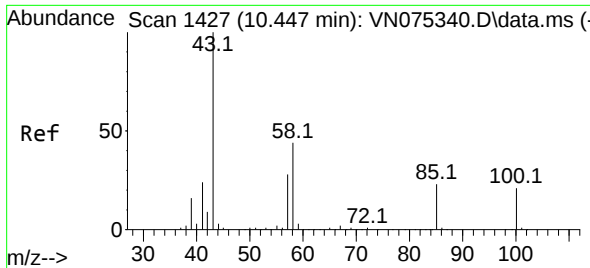
Delta R.T. 0.006 min

Lab File: VN075610.D

Acq: 07 Dec 2022 16:37

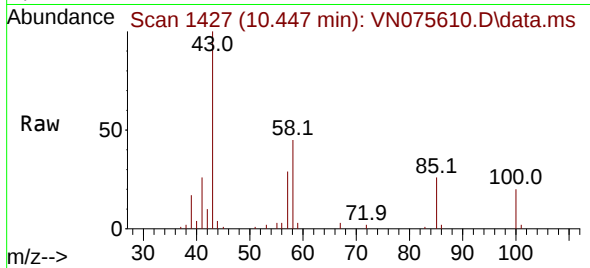
Tgt Ion:	98	Resp:	162434
Ion Ratio	Lower	Upper	
98	100		
100	67.5	53.0	79.6





#51
4-Methyl-2-Pentanone
Concen: 10.312 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

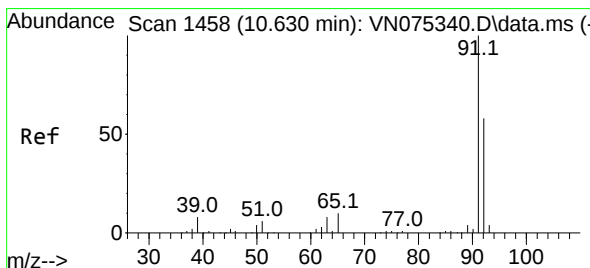
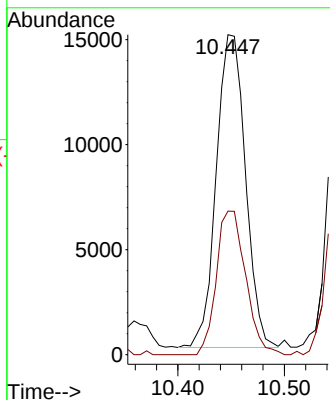
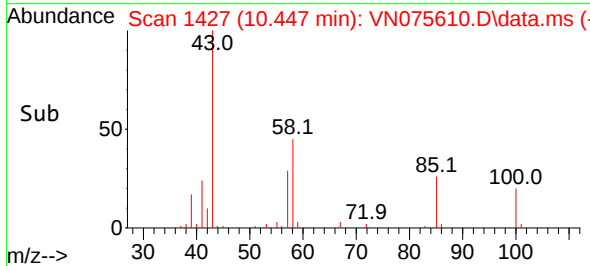
Instrument :
MSVOA_N
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GILL-12-02-SIL



Tgt Ion: 43 Resp: 2833
Ion Ratio Lower Upper
43 100
58 46.0 33.6 50.4

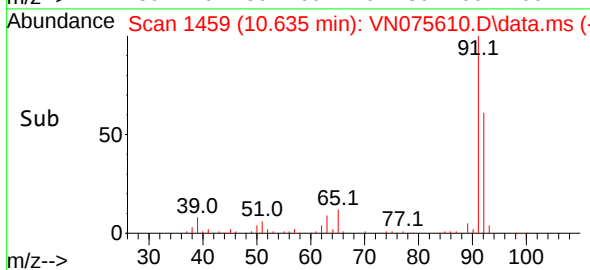
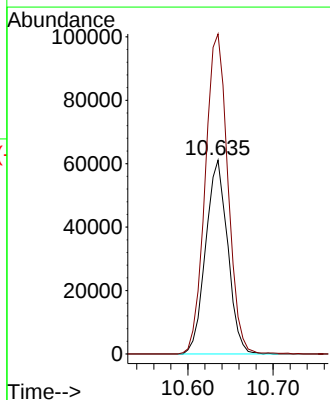
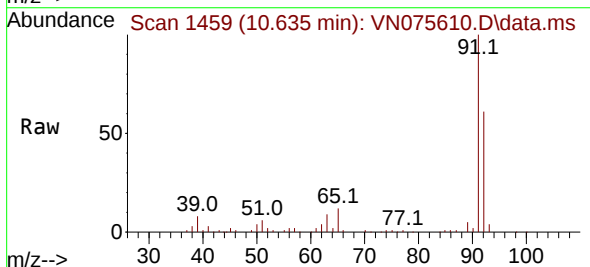
Manual Integrations
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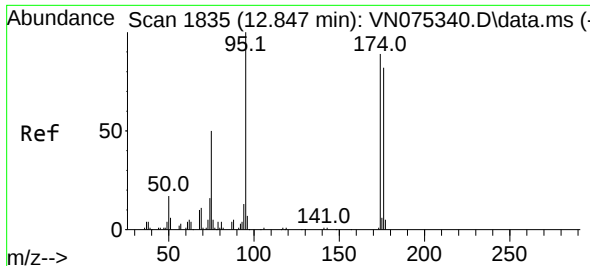
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#52
Toluene
Concen: 18.654 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.005 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

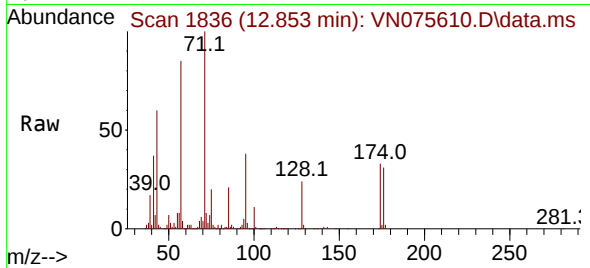
Tgt Ion: 92 Resp: 109860
Ion Ratio Lower Upper
92 100
91 169.9 135.4 203.2





#62
4-Bromofluorobenzene
Concen: 60.273 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

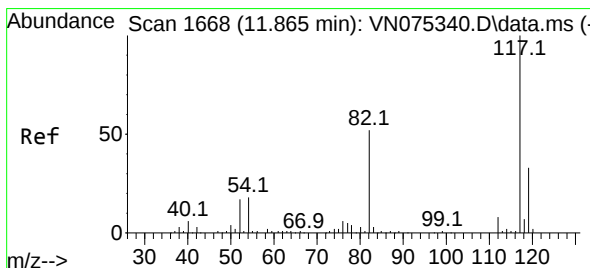
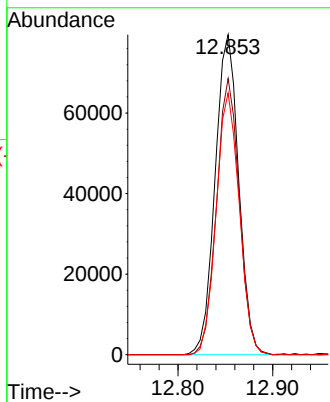
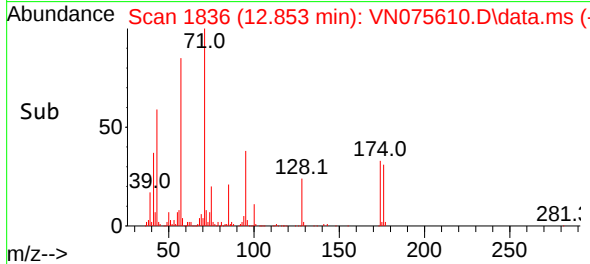
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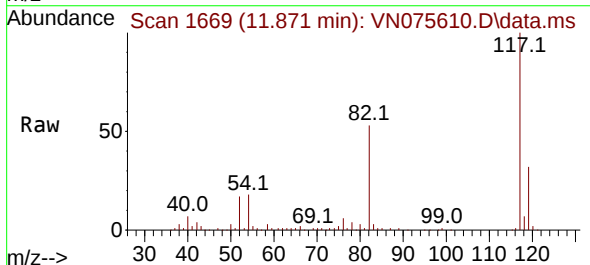
Tgt Ion: 95 Resp: 13715
Ion Ratio Lower Upper
95 100
174 83.5 0.0 147.4
176 80.2 0.0 142.2

Manual Integrations
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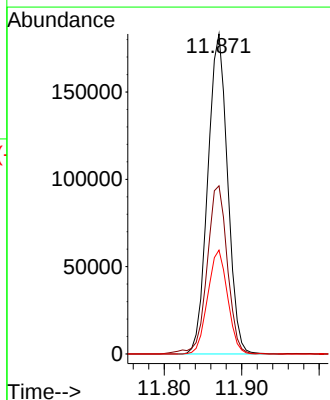
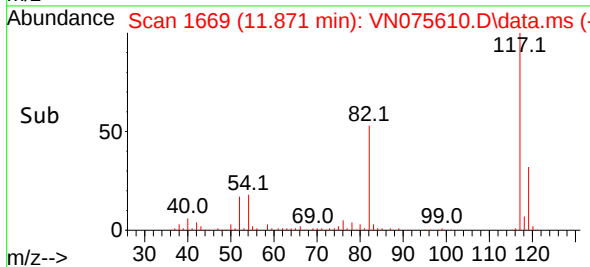
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022

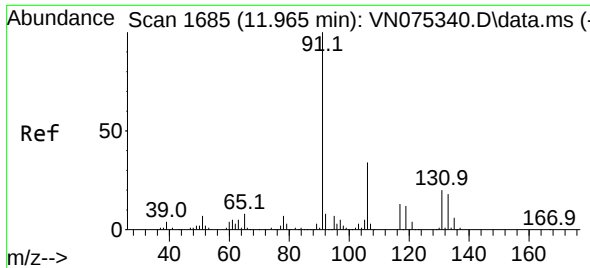


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37



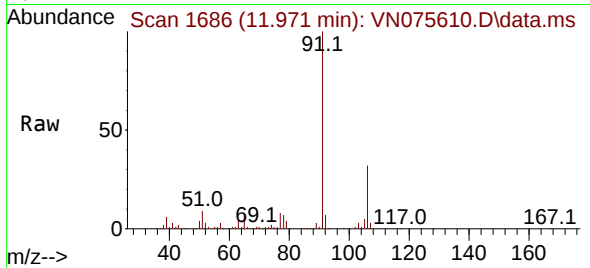
Tgt Ion:117 Resp: 324894
Ion Ratio Lower Upper
117 100
82 52.5 43.1 64.7
119 32.5 25.5 38.3





#67
Ethyl Benzene
Concen: 9.942 ug/l
RT: 11.971 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

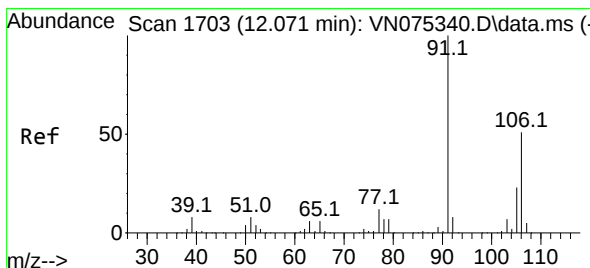
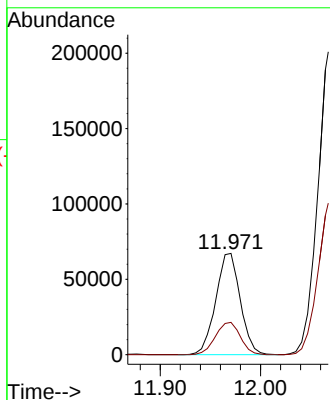
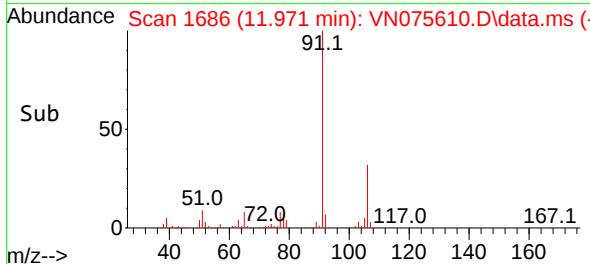
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL



Tgt Ion: 91 Resp: 11380
Ion Ratio Lower Upper
91 100
106 31.9 24.9 37.3

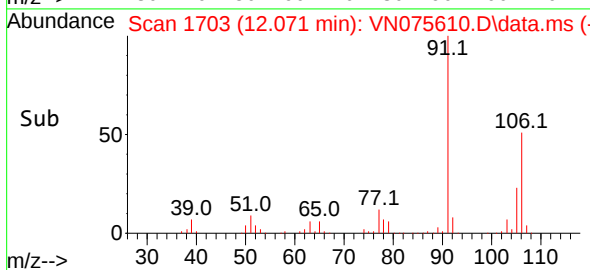
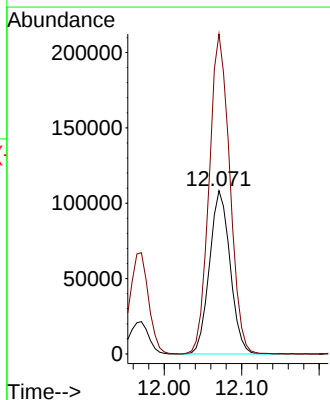
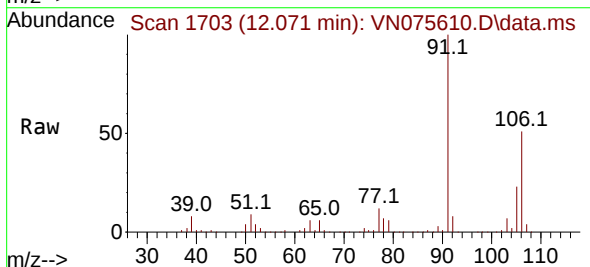
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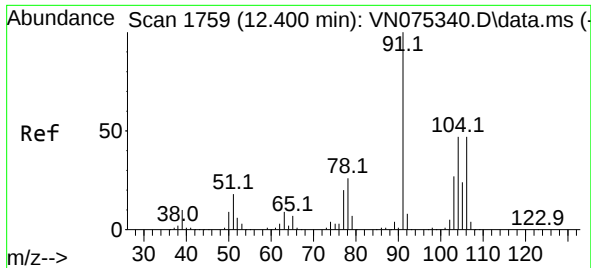
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#68
m/p-Xylenes
Concen: 43.027 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

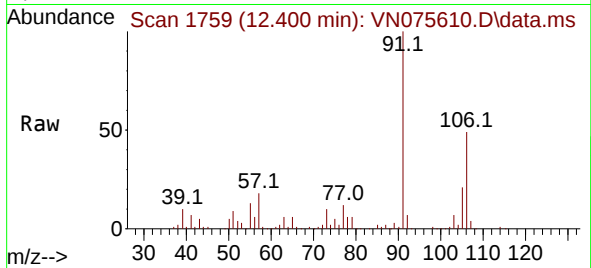
Tgt Ion:106 Resp: 200011
Ion Ratio Lower Upper
106 100
91 196.5 156.0 234.0





#69
o-Xylene
Concen: 27.852 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

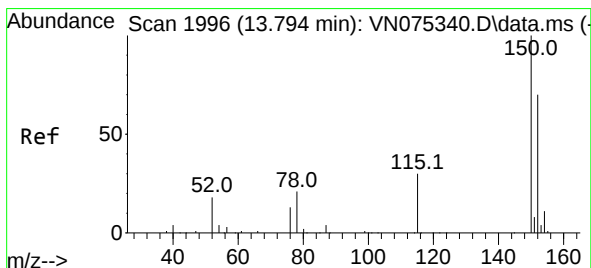
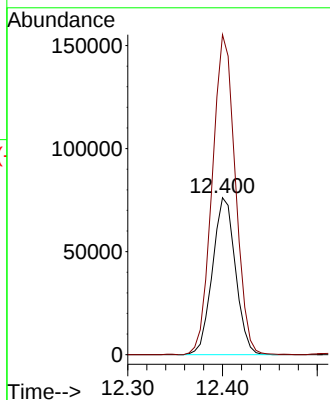
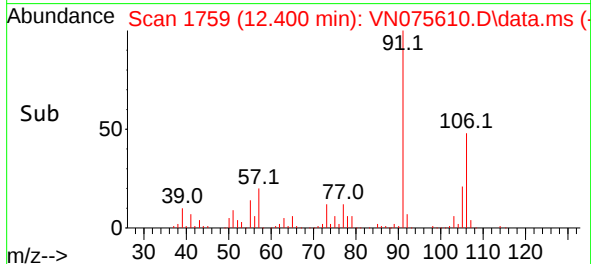
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL



Tgt Ion:106 Resp: 128639
Ion Ratio Lower Upper
106 100
91 204.5 105.2 315.5

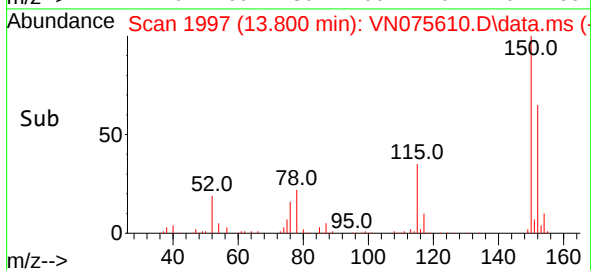
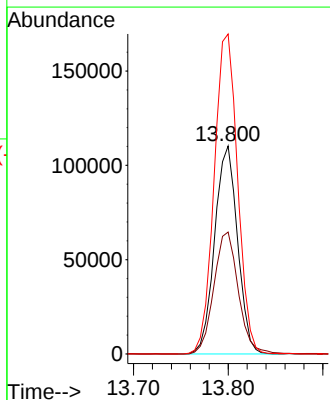
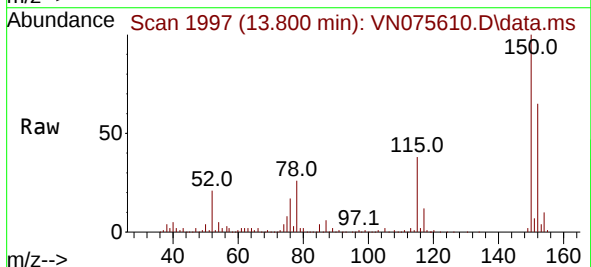
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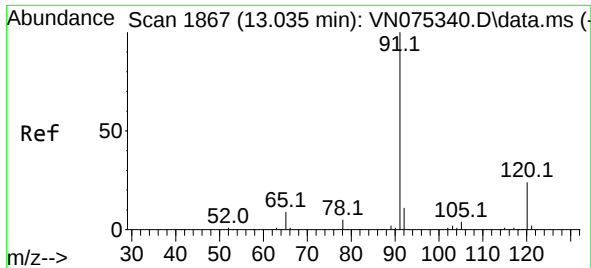
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

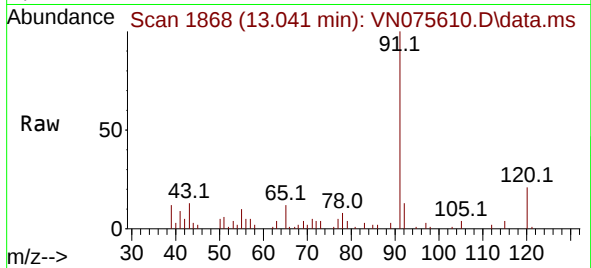
Tgt Ion:152 Resp: 185285
Ion Ratio Lower Upper
152 100
115 62.9 30.2 90.6
150 157.6 0.0 348.4





#78
n-propylbenzene
Concen: 1.194 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

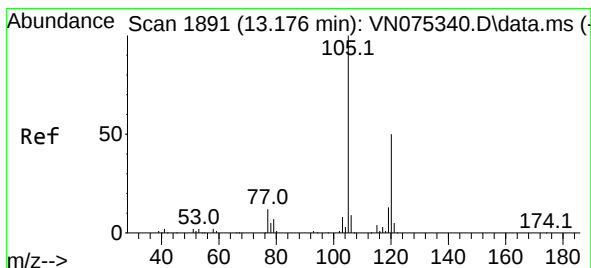
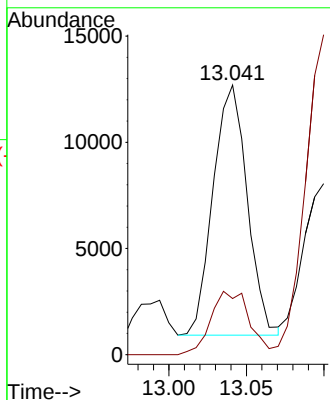
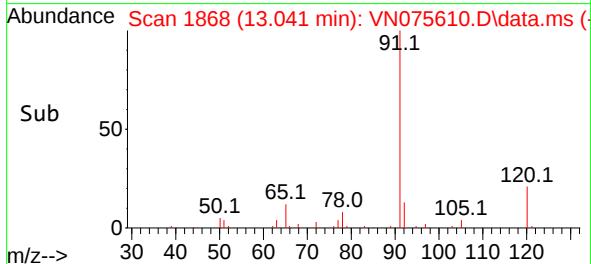
Instrument :
MSVOA_N
ClientSampleId :
GILL-12-02-SIL



Tgt Ion: 91 Resp: 1804
Ion Ratio Lower Upper
91 100
120 28.4 11.9 35.5

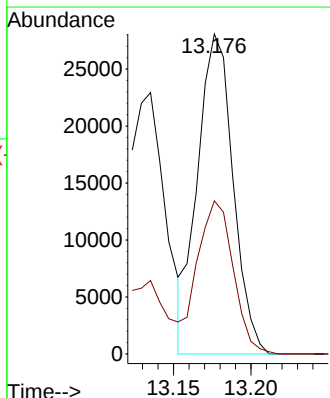
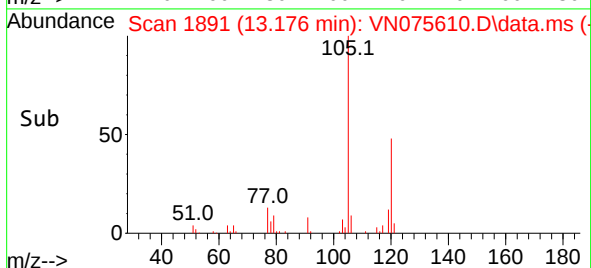
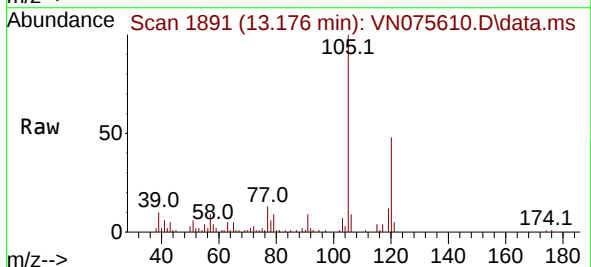
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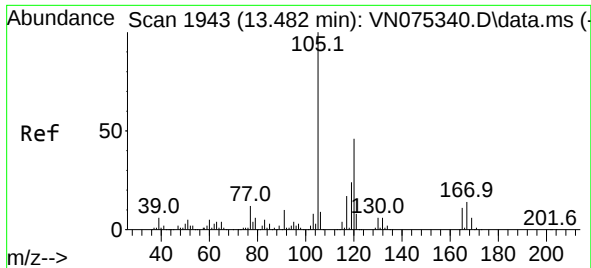
Reviewed By :John Carlone 12/08/2022
Supervised By :Mahesh Dadoda 12/08/2022



#80
1,3,5-Trimethylbenzene
Concen: 3.980 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075610.D
Acq: 07 Dec 2022 16:37

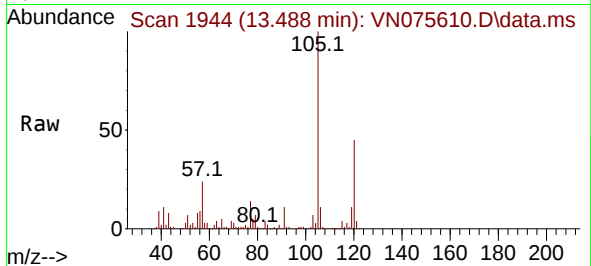
Tgt Ion:105 Resp: 44757
Ion Ratio Lower Upper
105 100
120 48.3 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 21.505 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075610.D
 Acq: 07 Dec 2022 16:37

Instrument :
 MSVOA_N
 ClientSampleId :
 GILL-12-02-SIL



Tgt Ion:105 Resp: 242598
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.7 68.1

Manual Integrations
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Reviewed By :John Carlone 12/08/2022
 Supervised By :Mahesh Dadoda 12/08/2022

