

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038689.D
 Acq On : 22 Mar 2022 18:24
 Operator : SY/AP
 Sample : N1961-11DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P74DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 23 04:15:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 23 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	878920	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	2380225	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	2090090	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	1488371	9.288	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%
Target Compounds						
					Qvalue	
9) Propene	3.018	41	43045	0.960	ppbv	84
13) Ethanol	3.603	45	28897	5.845	ppbv	94
15) Acetone	3.851	43	131050m	1.728	ppbv	
19) Isopropyl Alcohol	3.976	45	20670	0.492	ppbv #	91
20) Methylene Chloride	4.337	84	83029	2.599	ppbv	92
26) Hexane	5.677	57	97253	1.138	ppbv #	47
34) 2-Butanone	5.240	43	315130	3.345	ppbv	98
36) Benzene	6.873	78	42448	0.231	ppbv	96
38) Trichloroethene	7.819	130	12742	0.166	ppbv	86
41) Tetrahydrofuran	6.070	42	15184m	0.217	ppbv	
52) Tetrachloroethene	11.217	164	4823445	71.751	ppbv	95
53) Toluene	9.790	91	162311	0.822	ppbv	99
62) Isopropylbenzene	14.651	105	40138m	0.132	ppbv	

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

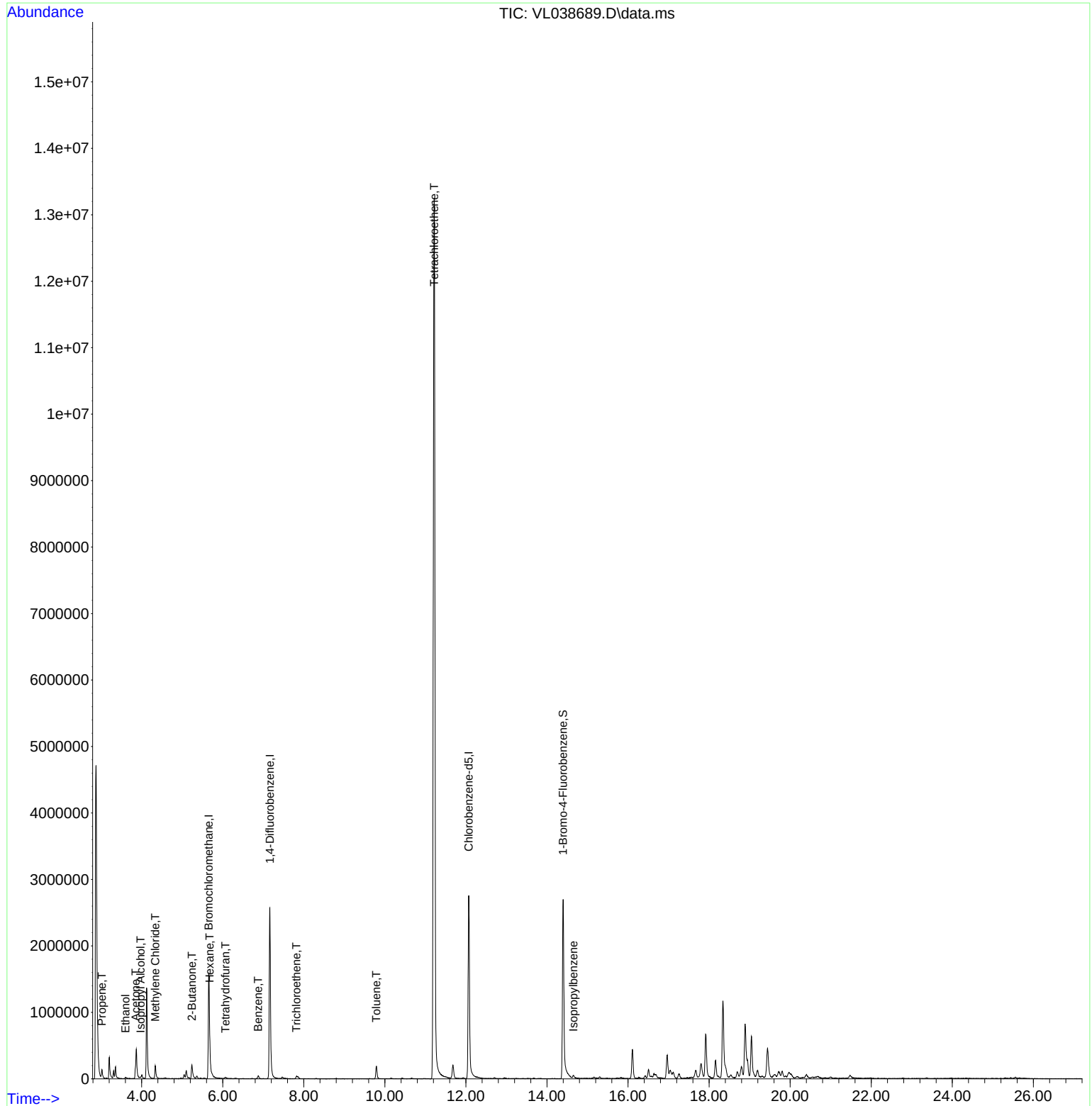
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
Data File : VL038689.D
Acq On : 22 Mar 2022 18:24
Operator : SY/AP
Sample : N1961-11DL 5X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

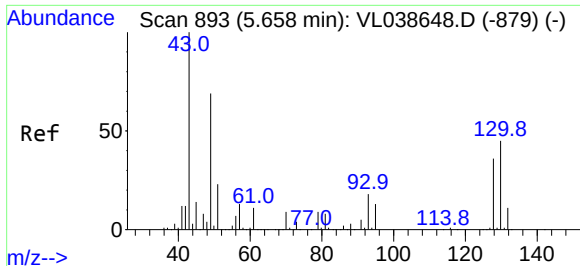
Instrument :
MSVOA_L
ClientSampleId :
C0P74DL

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

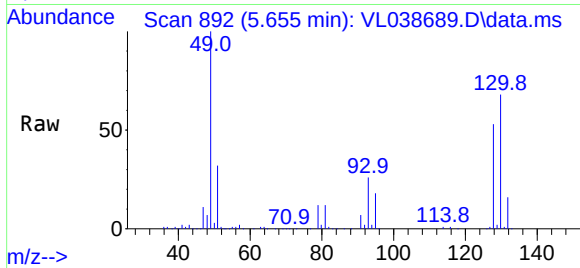
Quant Time: Mar 23 04:15:38 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

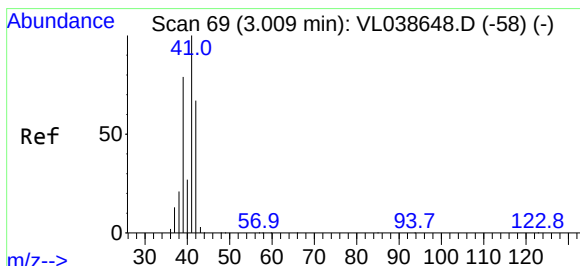
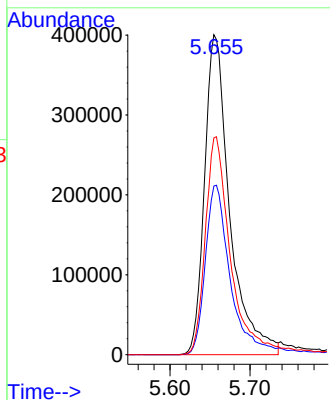
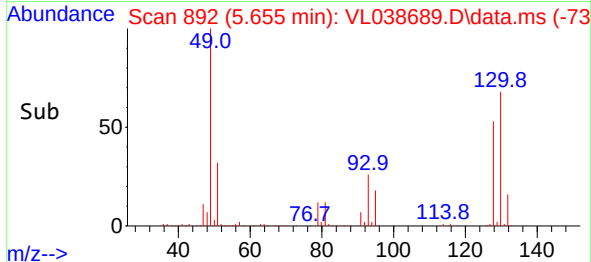
Instrument :
MSVOA_L
ClientSampleId :
COP74DL



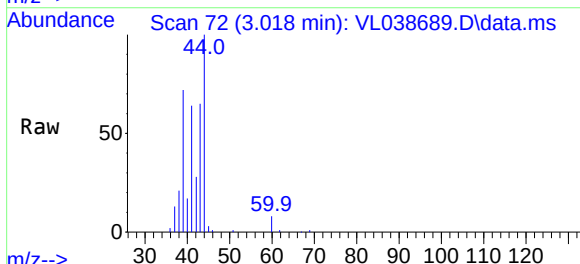
Tgt Ion: 49 Resp: 878920
Ion Ratio Lower Upper
49 100
128 54.7 26.2 78.6
130 71.1 33.7 101.1

Manual Integrations
APPROVED

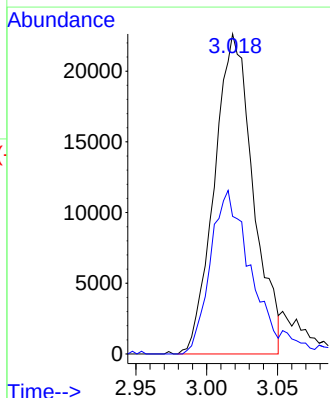
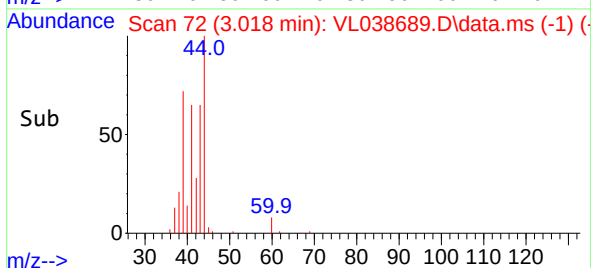
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

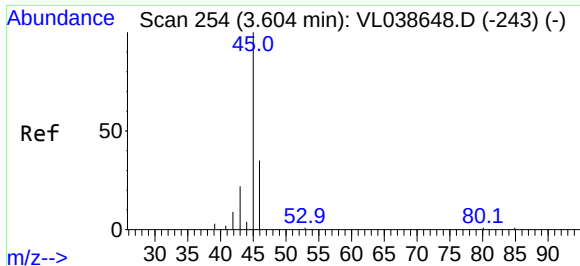


#9
Propene
Concen: 0.960 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.010 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24



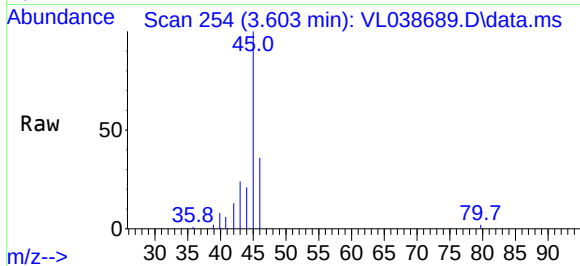
Tgt Ion: 41 Resp: 43045
Ion Ratio Lower Upper
41 100
42 57.4 56.2 84.4





#13
Ethanol
Concen: 5.845 ppbv
RT: 3.603 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

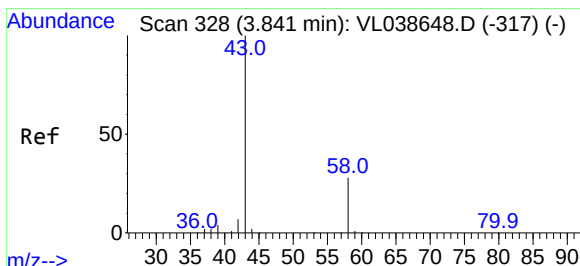
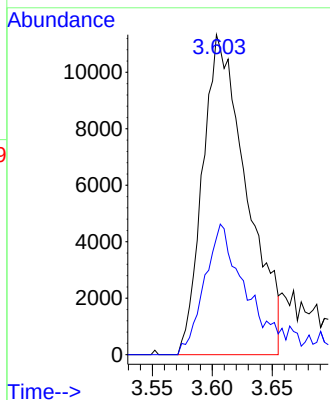
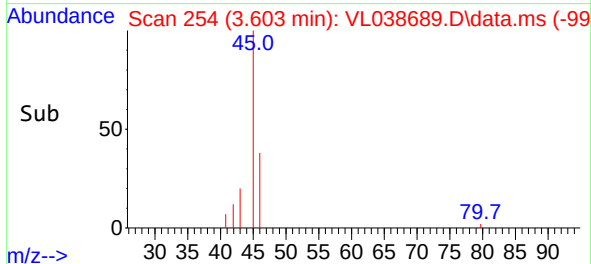
Instrument :
MSVOA_L
ClientSampleId :
COP74DL



Tgt Ion: 45 Resp: 2889
Ion Ratio Lower Upper
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46 41.3 15.1 60.5

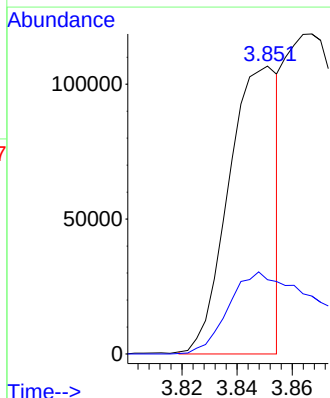
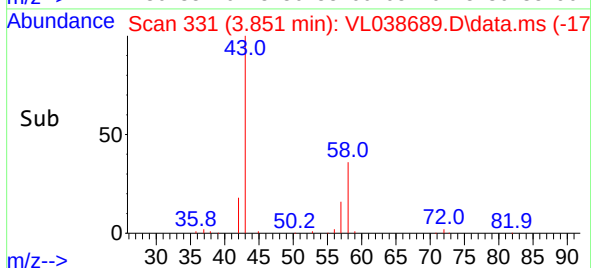
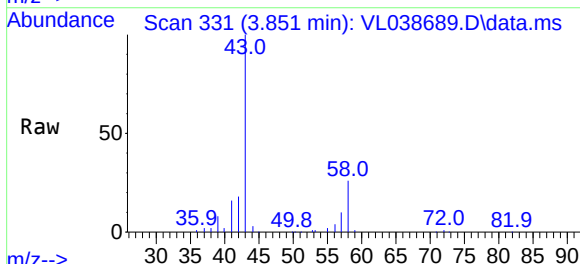
Manual Integrations
APPROVED

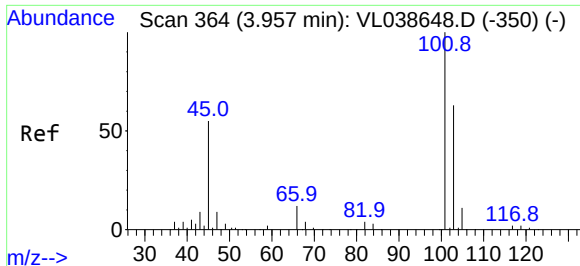
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#15
Acetone
Concen: 1.728 ppbv m
RT: 3.851 min Scan# 331
Delta R.T. 0.010 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

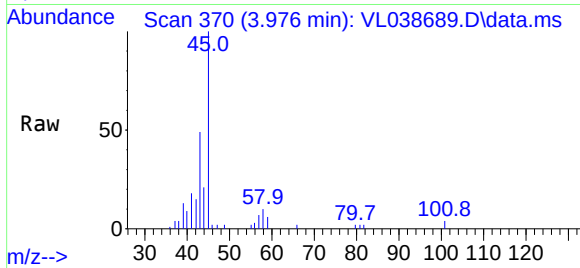
Tgt Ion: 43 Resp: 131050
Ion Ratio Lower Upper
43 100
58 65.6 23.3 34.9#





#19
Isopropyl Alcohol
Concen: 0.492 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

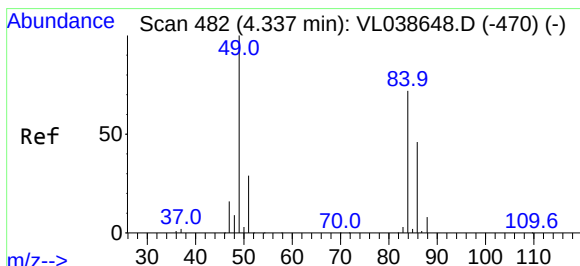
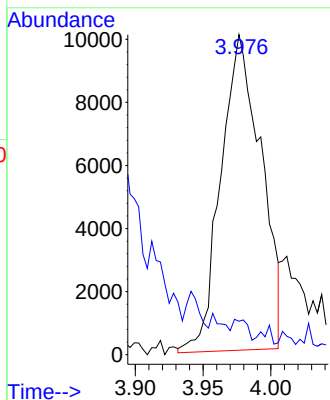
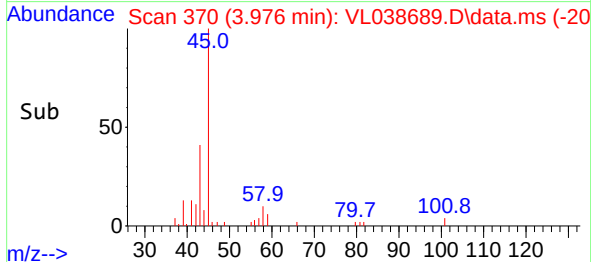
Instrument :
MSVOA_L
ClientSampleId :
COP74DL



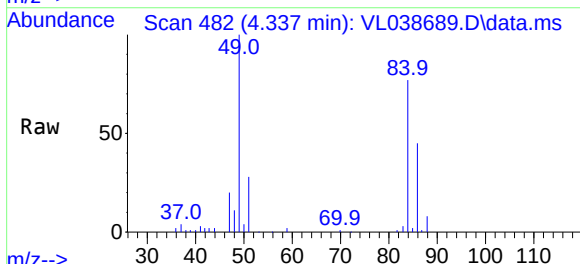
Tgt Ion: 45 Resp: 20670
Ion Ratio Lower Upper
45 100
58 0.0 2.3 3.5

Manual Integrations
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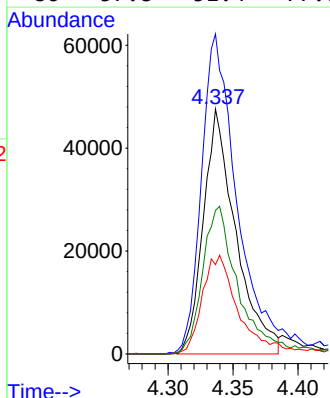
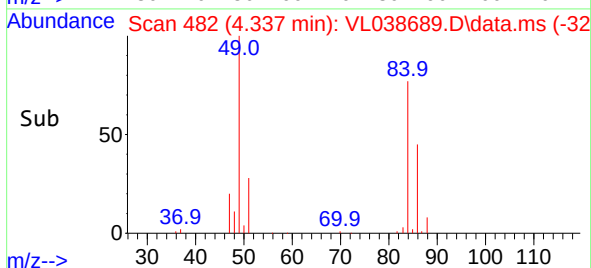
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

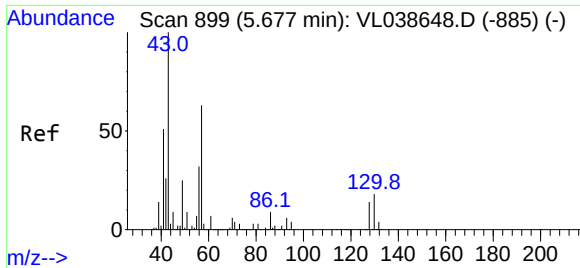


#20
Methylene Chloride
Concen: 2.599 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.000 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24



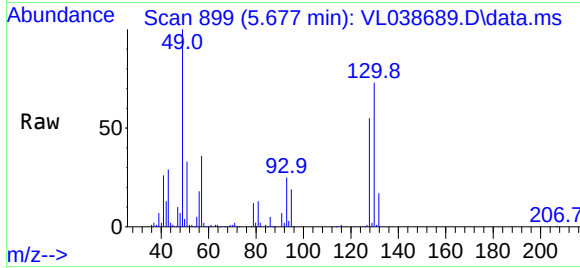
Tgt Ion: 84 Resp: 83029
Ion Ratio Lower Upper
84 100
49 128.9 111.2 166.8
51 35.8 32.8 49.2
86 57.8 51.4 77.0





#26
Hexane
Concen: 1.138 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.000 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

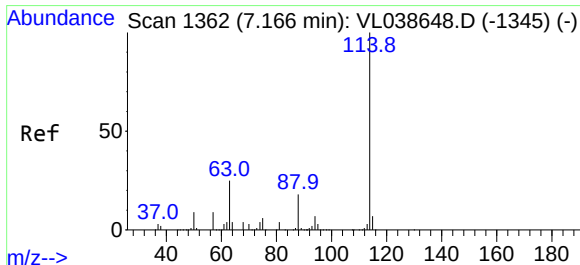
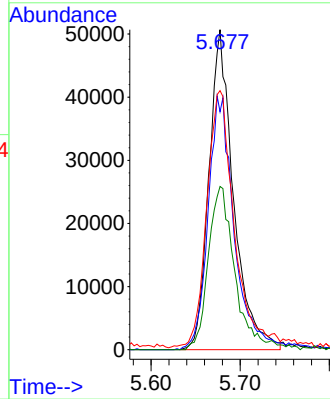
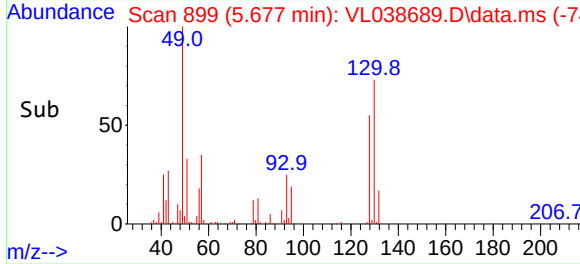
Instrument :
MSVOA_L
ClientSampleId :
COP74DL



Tgt Ion: 57 Resp: 9725
Ion Ratio Lower Upper
57 100
41 86.3 67.0 100.4
43 92.0 184.2 276.2
56 55.6 42.6 64.0

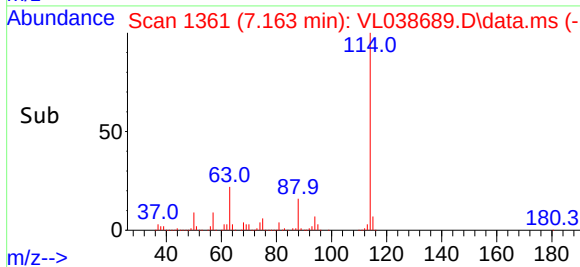
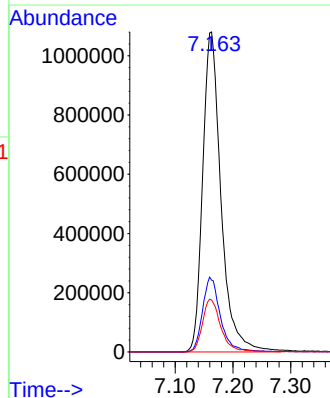
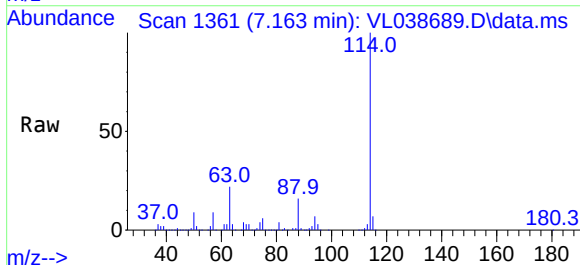
Manual Integrations
APPROVED

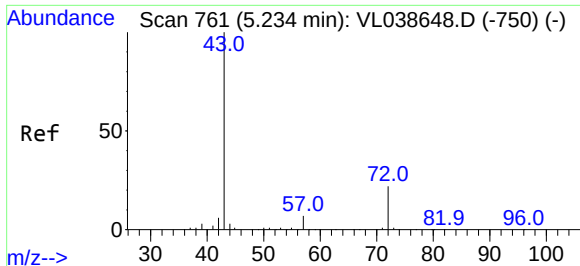
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. -0.003 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

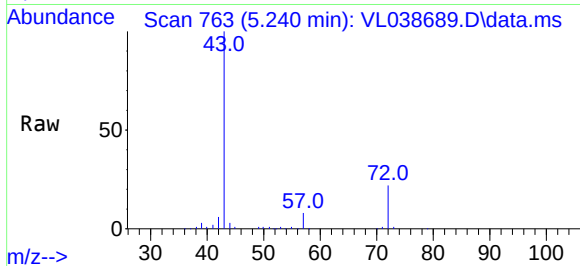
Tgt Ion:114 Resp: 2380225
Ion Ratio Lower Upper
114 100
63 23.0 19.4 29.0
88 16.6 13.9 20.9





#34
2-Butanone
Concen: 3.345 ppbv
RT: 5.240 min Scan# 761
Delta R.T. 0.006 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

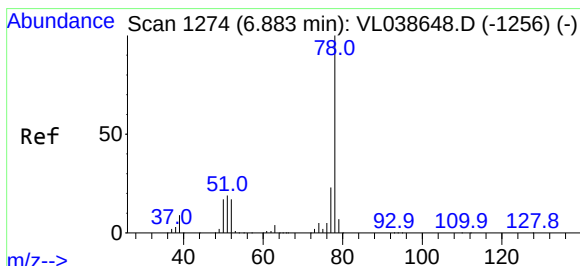
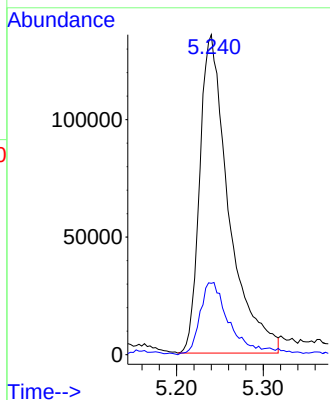
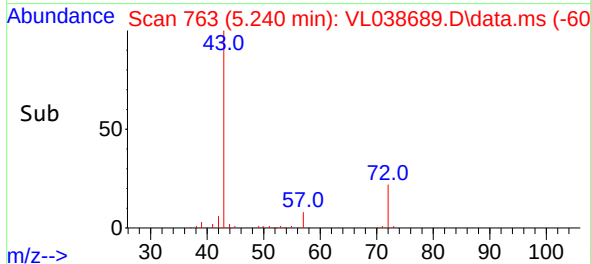
Instrument :
MSVOA_L
ClientSampleId :
COP74DL



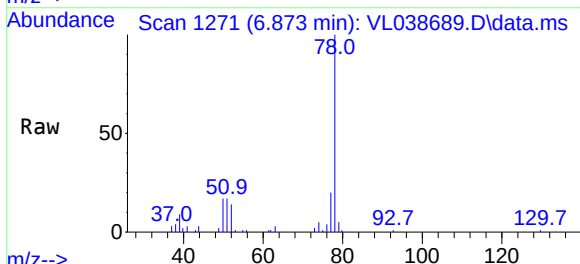
Tgt Ion: 43 Resp: 315130
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.8

Manual Integrations
APPROVED

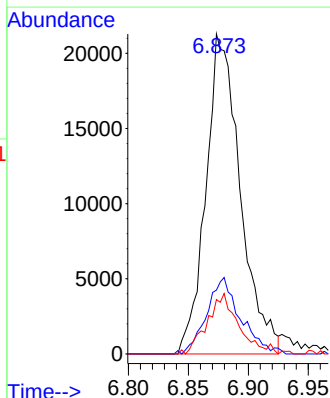
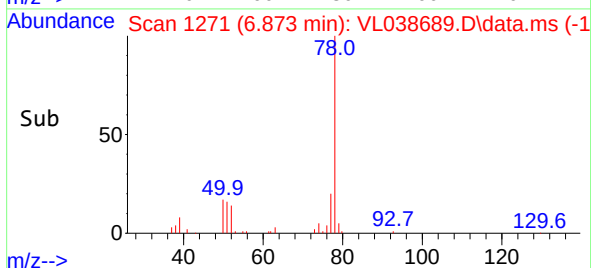
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

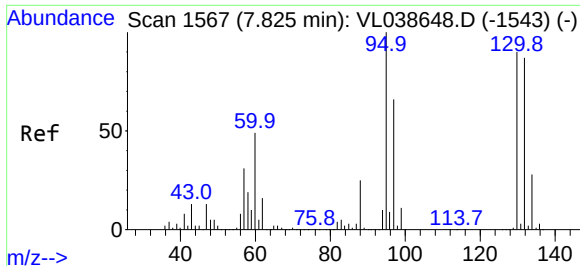


#36
Benzene
Concen: 0.231 ppbv
RT: 6.873 min Scan# 1271
Delta R.T. -0.010 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24



Tgt Ion: 78 Resp: 42448
Ion Ratio Lower Upper
78 100
77 18.9 18.1 27.1
50 17.0 13.6 20.4





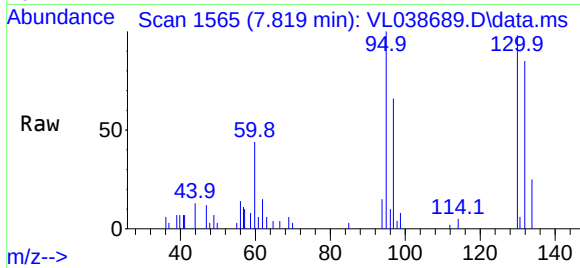
#38
Trichloroethene
Concen: 0.166 ppbv
RT: 7.819 min Scan# 11
Delta R.T. -0.007 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24

Instrument :

MSVOA_L

ClientSampleId :

C0P74DL

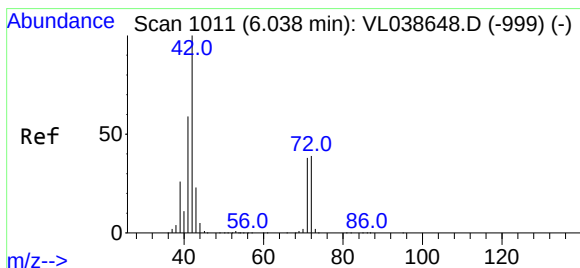
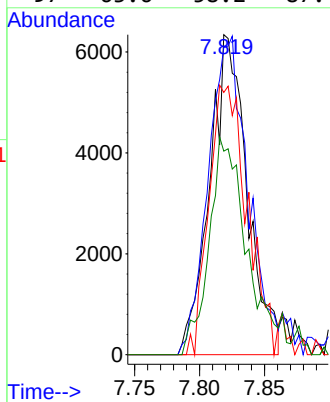
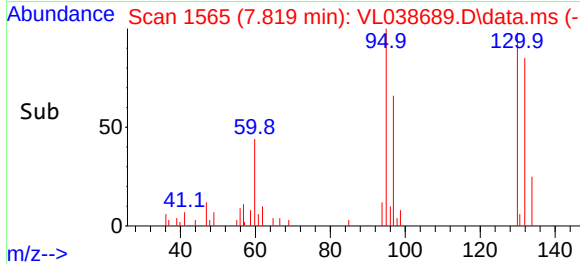


Tgt Ion:130 Resp: 1274
Ion Ratio Lower Upper
130 100
95 96.0 88.9 133.3
132 82.0 77.4 116.0
97 63.6 58.2 87.4

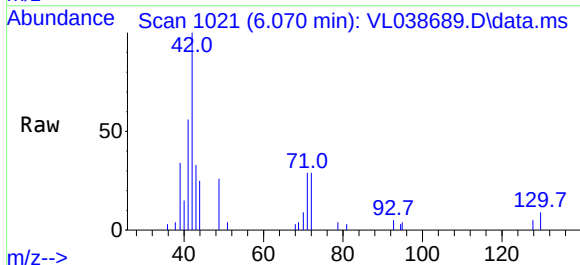
Manual Integrations

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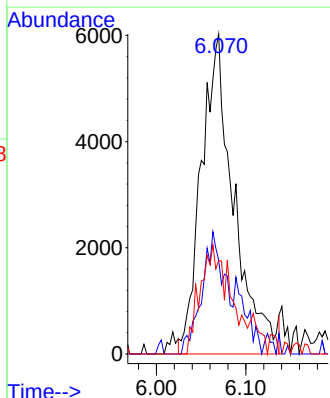
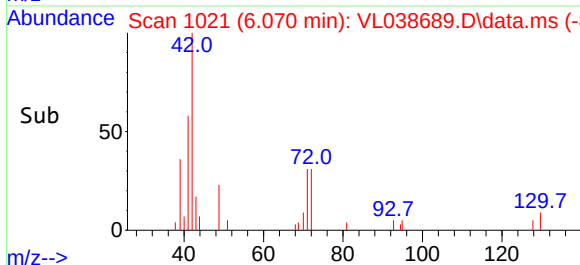
Reviewed By :Semsettin Yesilyurt 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



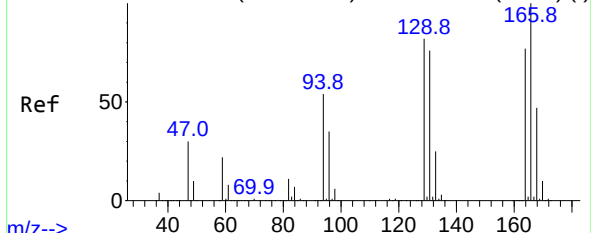
#41
Tetrahydrofuran
Concen: 0.217 ppbv m
RT: 6.070 min Scan# 1021
Delta R.T. 0.032 min
Lab File: VL038689.D
Acq: 22 Mar 2022 18:24



Tgt Ion: 42 Resp: 15184
Ion Ratio Lower Upper
42 100
72 0.0 32.5 48.7#
71 0.0 31.4 47.2#



Abundance Scan 2620 (11.211 min): VL038648.D (-2603) (-)



#52

Tetrachloroethene

Concen: 71.751 ppbv

RT: 11.217 min Scan# 2622

Delta R.T. 0.006 min

Lab File: VL038689.D

Acq: 22 Mar 2022 18:24

Instrument :

MSVOA_L

ClientSampleId :

C0P74DL

Tgt Ion:164 Resp: 482344

Ion Ratio Lower Upper

164 100

166 124.7 103.3 154.9

129 98.3 85.2 127.8

131 94.6 78.3 117.5

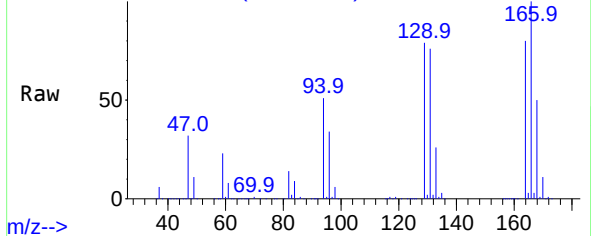
Manual Integrations

APPROVED

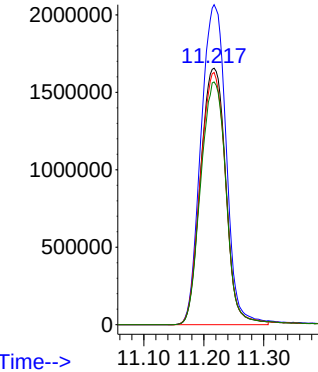
Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022

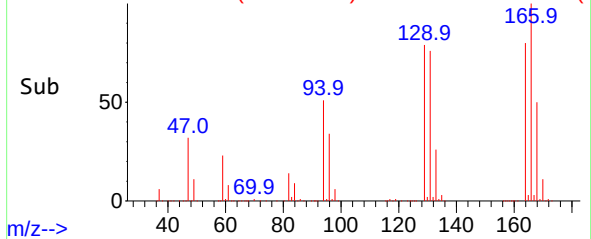
Abundance Scan 2622 (11.217 min): VL038689.D\data.ms



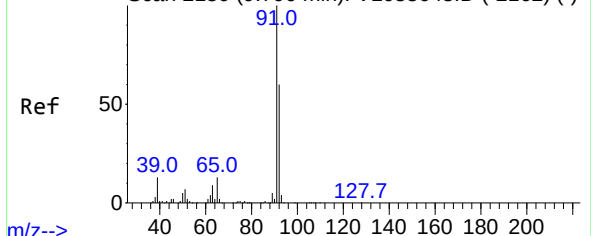
Abundance



Abundance Scan 2622 (11.217 min): VL038689.D\data.ms (-)



Abundance Scan 2180 (9.796 min): VL038648.D (-2162) (-)



#53

Toluene

Concen: 0.822 ppbv

RT: 9.790 min Scan# 2178

Delta R.T. -0.007 min

Lab File: VL038689.D

Acq: 22 Mar 2022 18:24

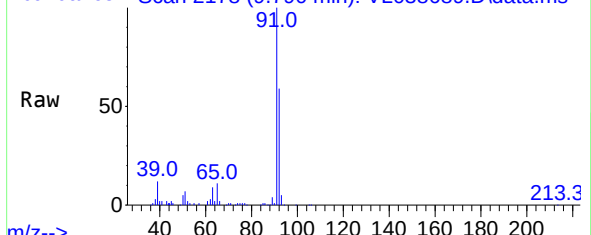
Tgt Ion: 91 Resp: 162311

Ion Ratio Lower Upper

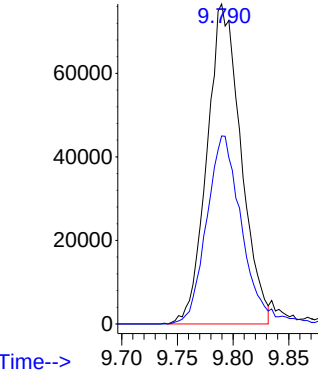
91 100

92 61.8 48.7 73.1

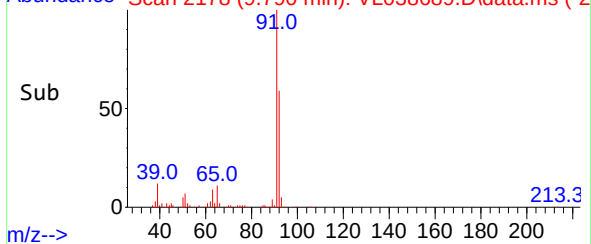
Abundance Scan 2178 (9.790 min): VL038689.D\data.ms

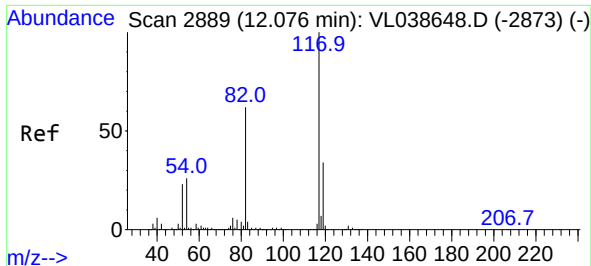


Abundance



Abundance Scan 2178 (9.790 min): VL038689.D\data.ms (-2)





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.069 min Scan# 2889

Delta R.T. -0.007 min

Lab File: VL038689.D

Acq: 22 Mar 2022 18:24

Instrument :

MSVOA_L

ClientSampleId :

C0P74DL

Tgt Ion:117 Resp: 2090090

Ion Ratio Lower Upper

117 100

82 64.2 51.6 77.4

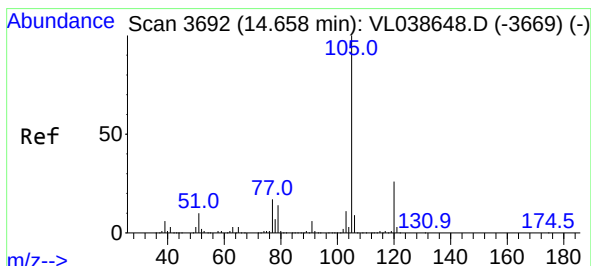
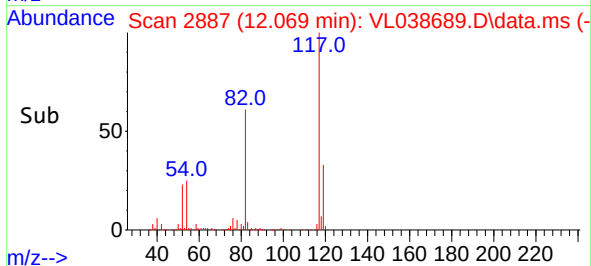
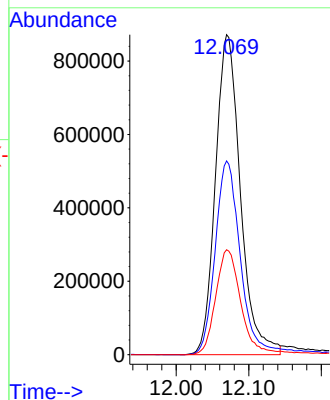
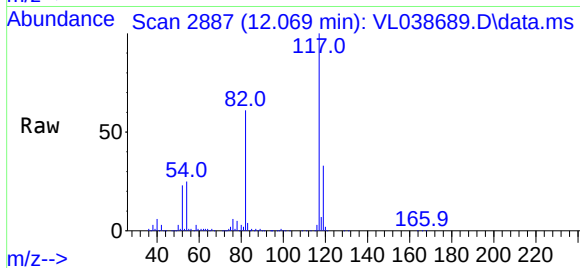
119 34.1 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#62

Isopropylbenzene

Concen: 0.132 ppbv m

RT: 14.651 min Scan# 3690

Delta R.T. -0.007 min

Lab File: VL038689.D

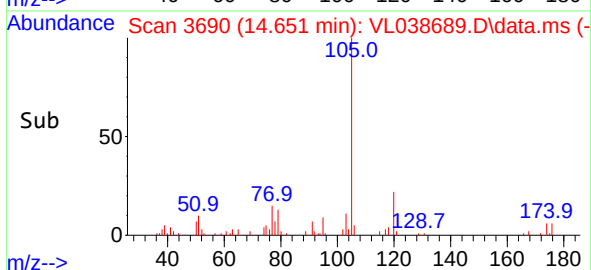
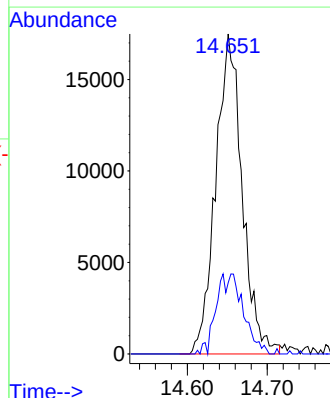
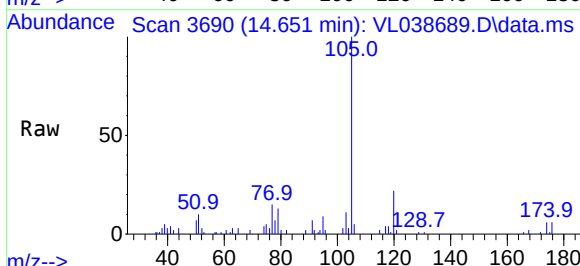
Acq: 22 Mar 2022 18:24

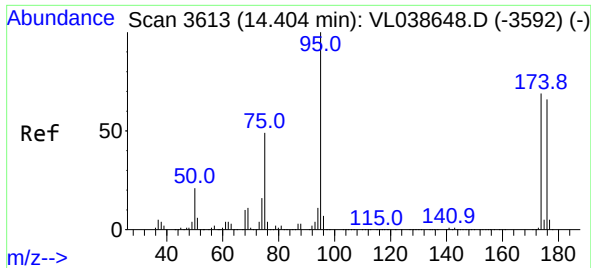
Tgt Ion:105 Resp: 40138

Ion Ratio Lower Upper

105 100

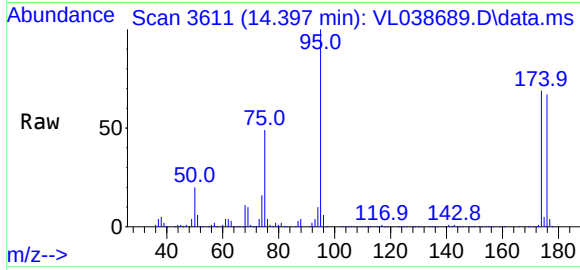
120 26.0 21.2 31.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.288 ppbv
 RT: 14.397 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: VL038689.D
 Acq: 22 Mar 2022 18:24

Instrument :
 MSVOA_L
 ClientSampleId :
 C0P74DL



Tgt Ion: 95 Resp: 148837
 Ion Ratio Lower Upper
 95 100
 174 76.3 56.1 84.1
 175 5.6 4.2 6.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

