

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039373.D
 Acq On : 28 Jun 2022 00:42
 Operator : SY/AP
 Sample : N3453-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

Quant Time: Jun 28 02:41:39 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	929211	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	2920794	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.076	117	2552098	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.403	95	1938325	9.187	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.603	45	104988m	37.343	ppbv	
15) Acetone	3.848	43	224597m	2.320	ppbv	
19) Isopropyl Alcohol	3.976	45	14825m	0.327	ppbv	
20) Methylene Chloride	4.340	84	131778m	3.231	ppbv	
26) Hexane	5.677	57	93126	0.971	ppbv #	40
27) Carbon Disulfide	4.542	76	16590m	0.167	ppbv	
34) 2-Butanone	5.246	43	28942m	0.182	ppbv	
36) Benzene	6.880	78	43898m	0.185	ppbv	
53) Toluene	9.799	91	160881	0.589	ppbv	100
58) Ethyl Benzene	12.699	91	35205m	0.100	ppbv	
59) m/p-Xylene	12.957	91	112970m	0.365	ppbv	
60) o-Xylene	13.683	91	43587m	0.150	ppbv	
73) 1,3,5-Trimethylbenzene	15.982	105	38857	0.126	ppbv	86
74) 1,2,4-Trimethylbenzene	16.747	105	187330	0.546	ppbv #	59

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

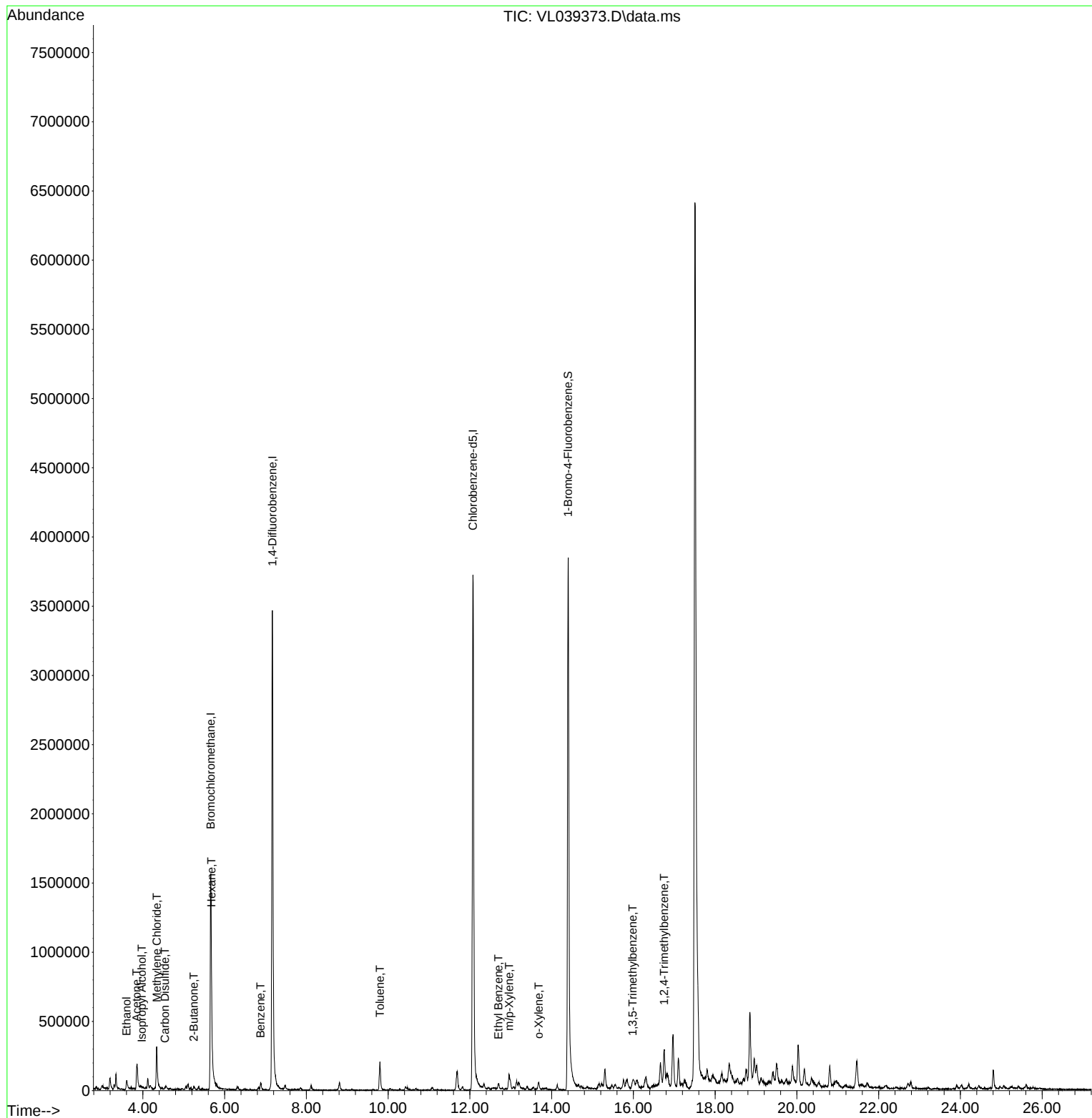
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
Data File : VL039373.D
Acq On : 28 Jun 2022 00:42
Operator : SY/AP
Sample : N3453-01 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

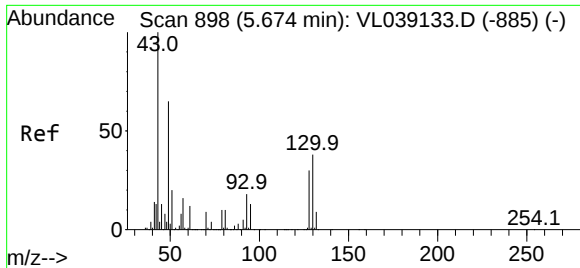
Instrument :
MSVOA_L
ClientSampleId :
SG-1

Quant Time: Jun 28 02:41:39 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

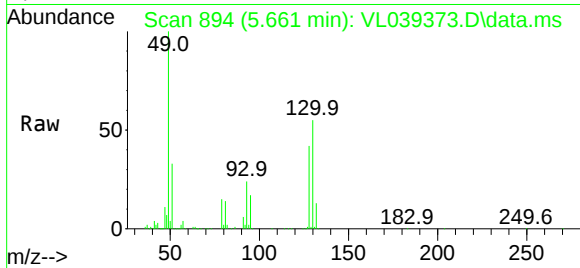
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 898
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

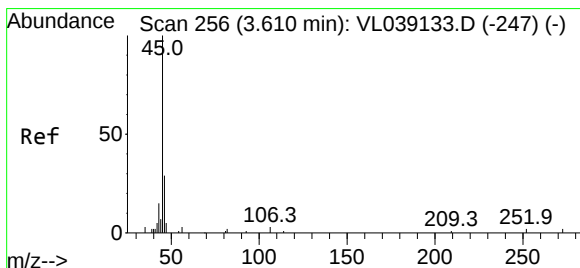
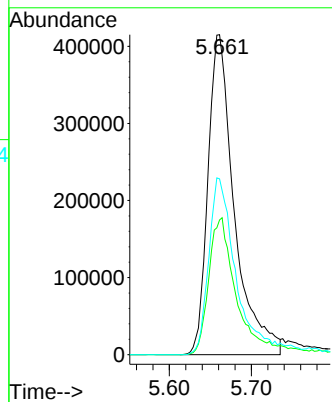
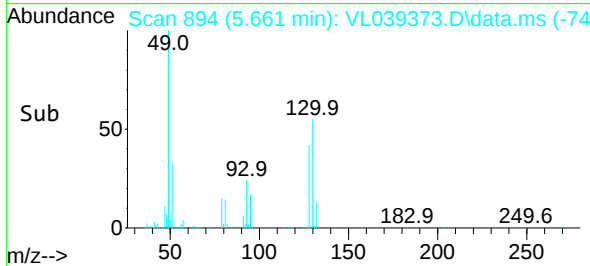
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 49 Resp: 92921
Ion Ratio Lower Upper
49 100
128 48.3 24.7 74.1
130 61.5 31.4 94.0

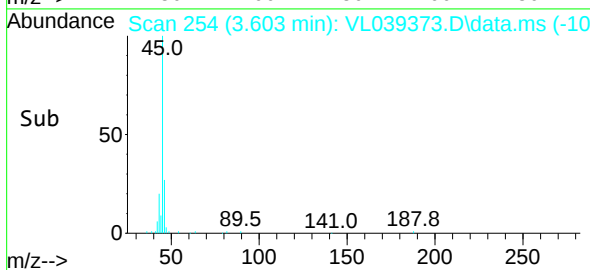
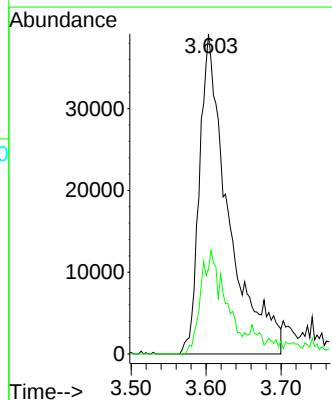
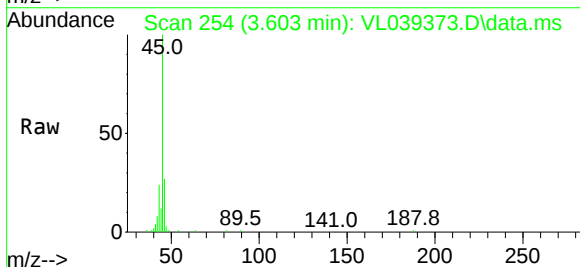
Manual Integrations
APPROVED

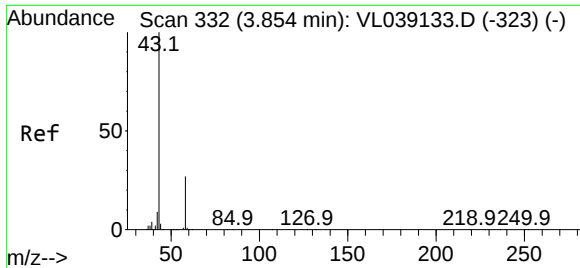
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#13
Ethanol
Concen: 37.343 ppbv m
RT: 3.603 min Scan# 254
Delta R.T. -0.007 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

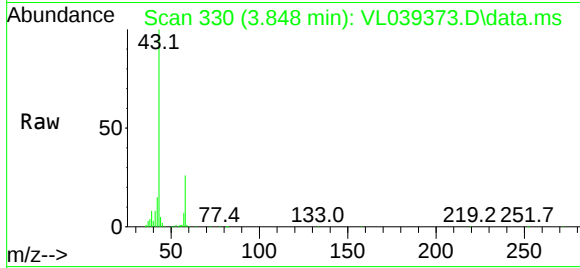
Tgt Ion: 45 Resp: 104988
Ion Ratio Lower Upper
45 100
46 27.3 0.0 0.0#





#15
Acetone
Concen: 2.320 ppbv m
RT: 3.848 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

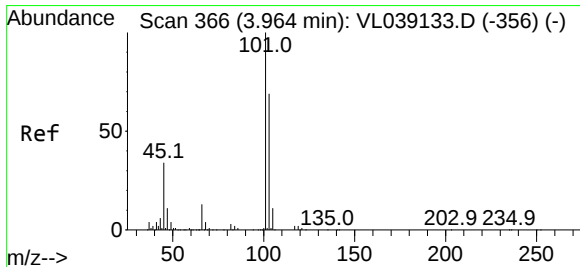
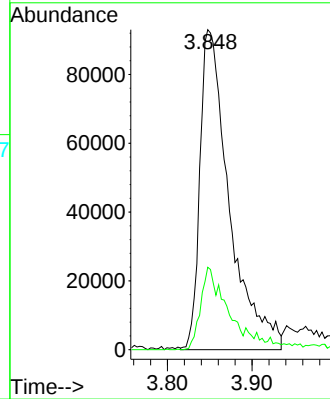
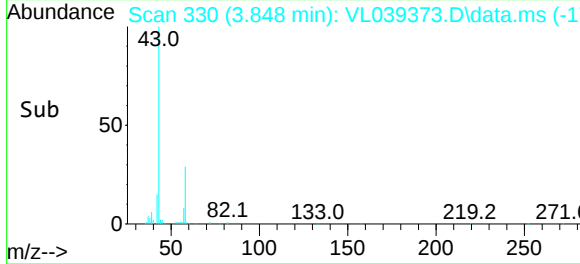
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 43 Resp: 22459
Ion Ratio Lower Upper
43 100
58 26.4 22.5 33.7

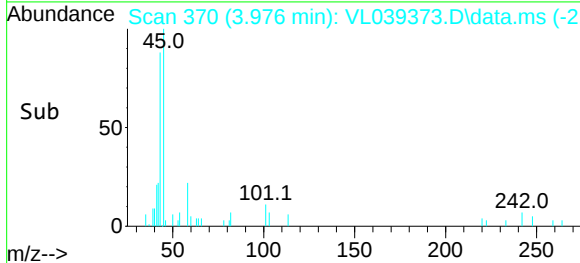
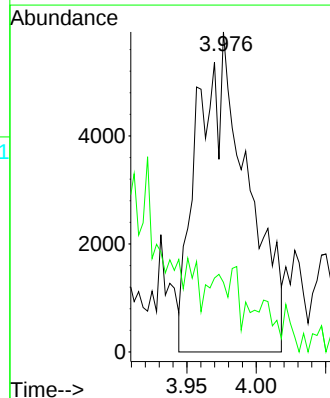
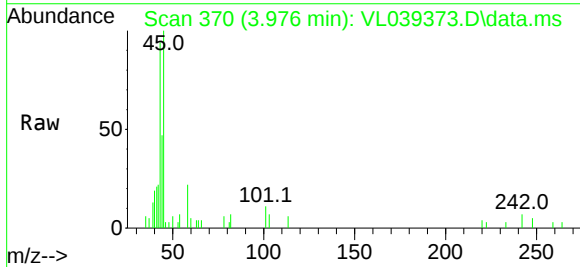
Manual Integrations
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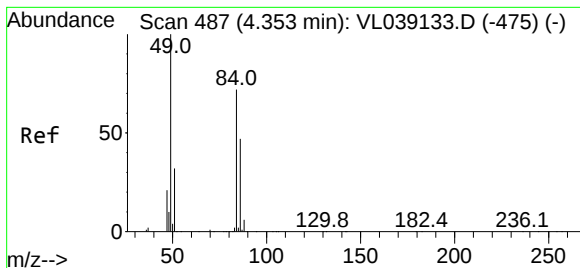
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#19
Isopropyl Alcohol
Concen: 0.327 ppbv m
RT: 3.976 min Scan# 370
Delta R.T. 0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

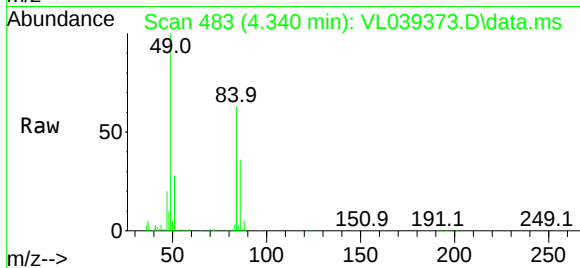
Tgt Ion: 45 Resp: 14825
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8#





#20
Methylene Chloride
Concen: 3.231 ppbv m
RT: 4.340 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

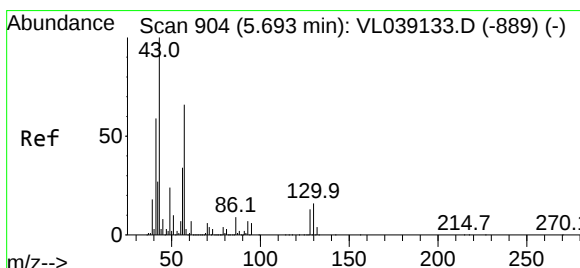
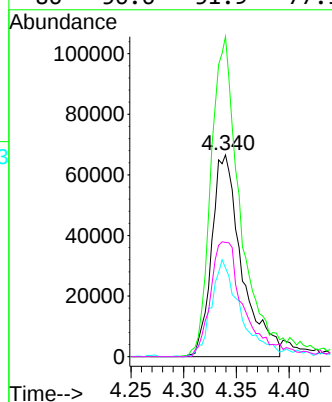
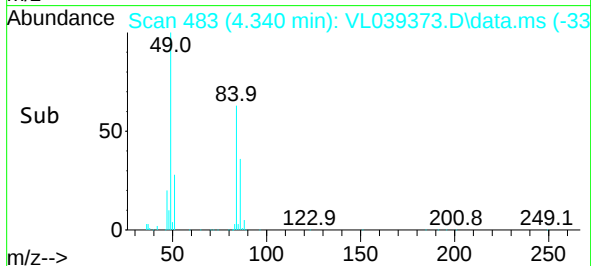
Instrument :
MSVOA_L
ClientSampleId :
SG-1



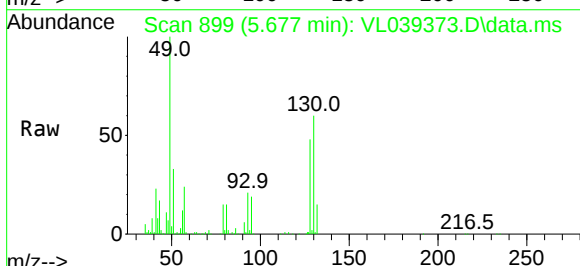
Tgt Ion: 84 Resp: 131778
Ion Ratio Lower Upper
84 100
49 158.6 111.1 166.7
51 44.1 35.3 52.9
86 56.6 51.9 77.9

Manual Integrations
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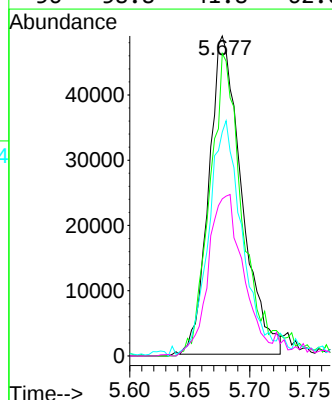
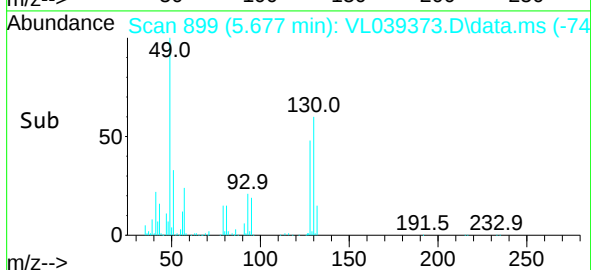
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

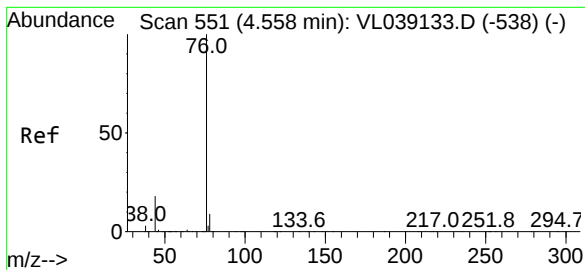


#26
Hexane
Concen: 0.971 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42



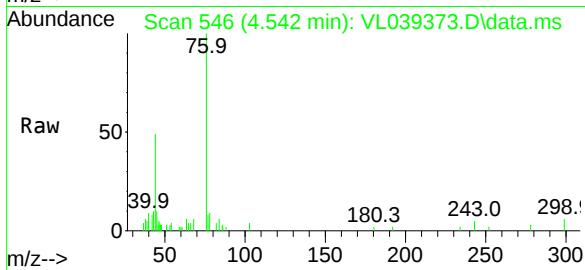
Tgt Ion: 57 Resp: 93126
Ion Ratio Lower Upper
57 100
41 97.3 72.4 108.6
43 80.2 187.0 280.6#
56 58.8 41.8 62.6





#27
Carbon Disulfide
Concen: 0.167 ppbv m
RT: 4.542 min Scan# 54
Delta R.T. -0.016 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

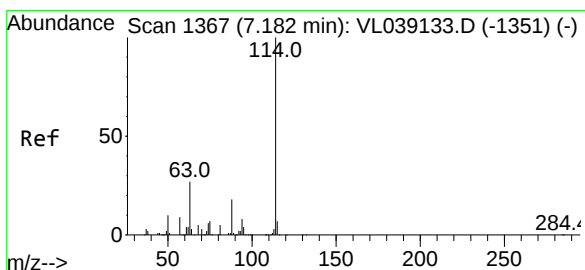
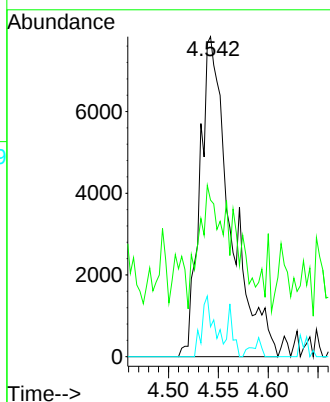
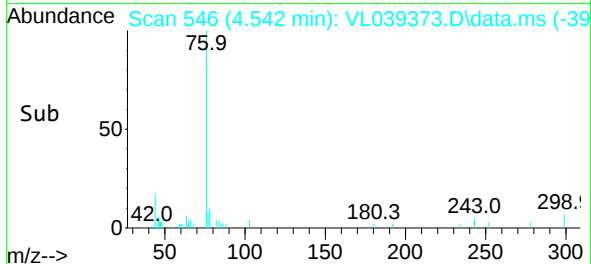
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 76 Resp: 16590
Ion Ratio Lower Upper
76 100
44 29.2 14.4 21.6
78 11.3 7.7 11.5

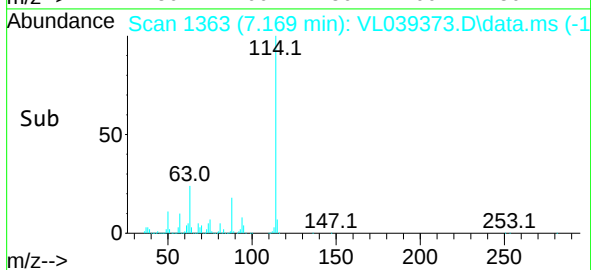
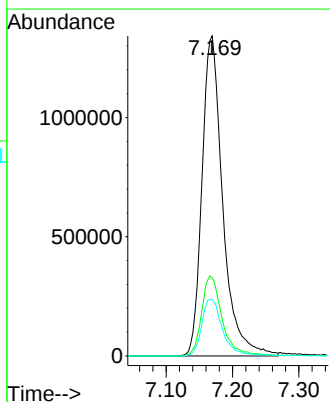
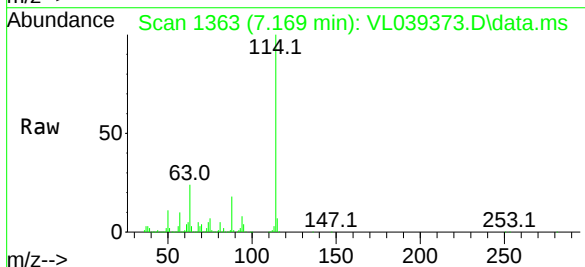
Manual Integrations
APPROVED

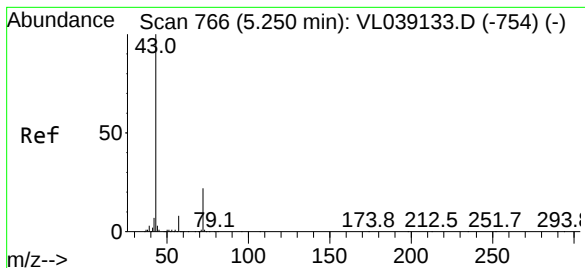
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1363
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

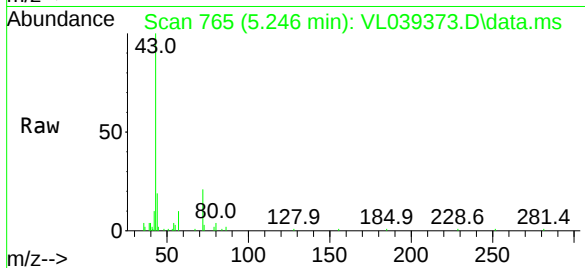
Tgt Ion:114 Resp: 2920794
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.1 14.8 22.2





#34
2-Butanone
Concen: 0.182 ppbv m
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

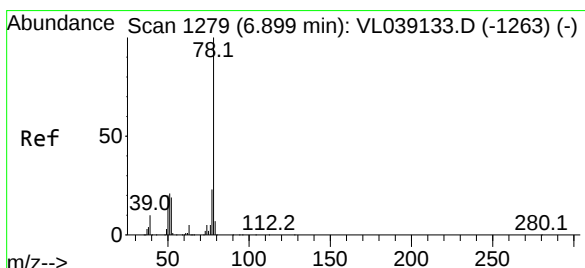
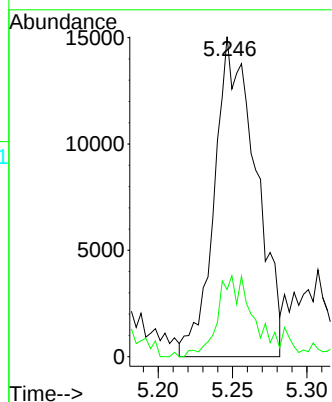
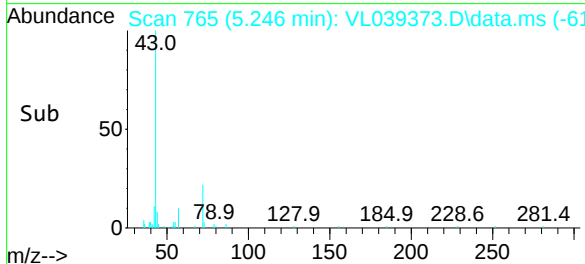
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 43 Resp: 2894
Ion Ratio Lower Upper
43 100
72 23.9 18.2 27.2

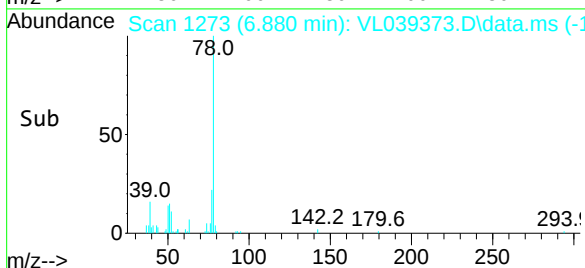
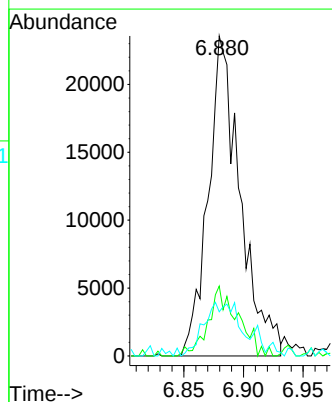
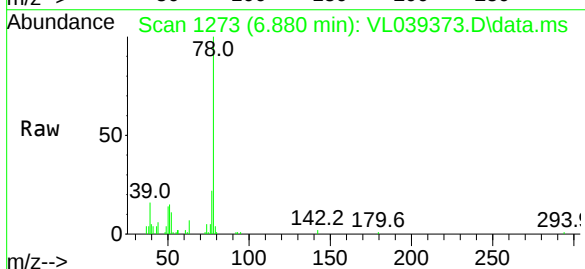
Manual Integrations
APPROVED

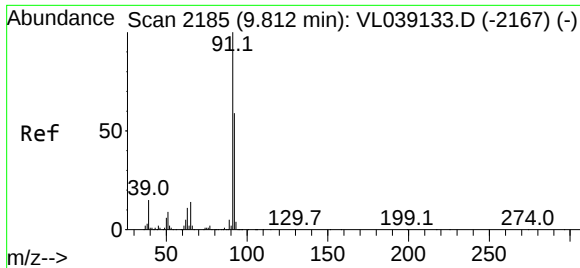
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#36
Benzene
Concen: 0.185 ppbv m
RT: 6.880 min Scan# 1273
Delta R.T. -0.019 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

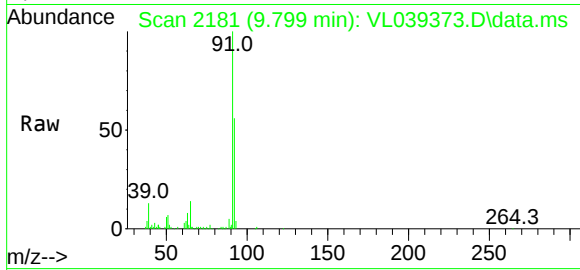
Tgt Ion: 78 Resp: 43898
Ion Ratio Lower Upper
78 100
77 21.9 18.6 27.8
50 13.8 15.8 23.8#





#53
Toluene
Concen: 0.589 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

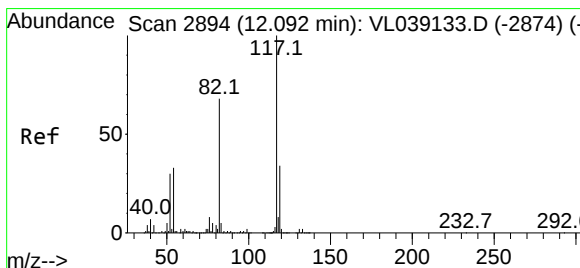
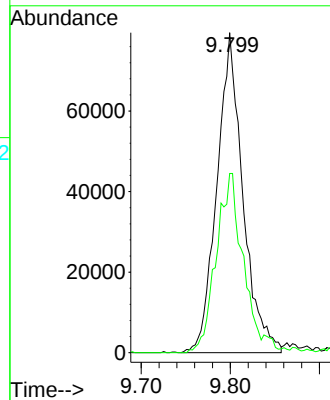
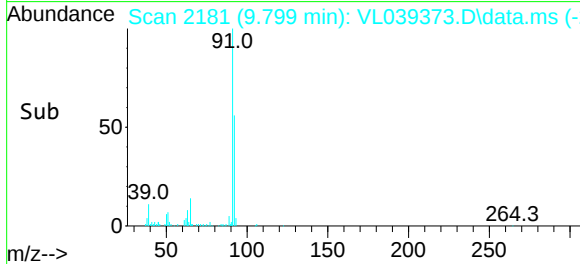
Instrument :
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ClientSampleId :
SG-1



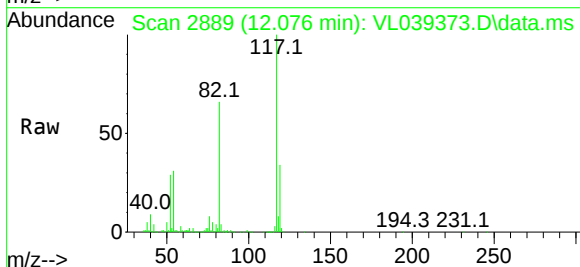
Tgt Ion: 91 Resp: 16088
Ion Ratio Lower Upper
91 100
92 59.8 48.1 72.1

Manual Integrations
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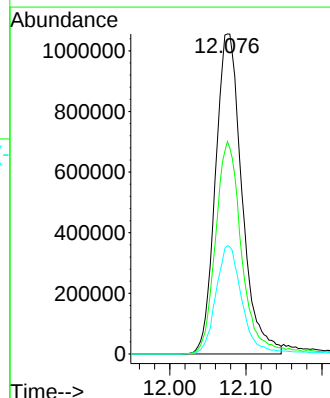
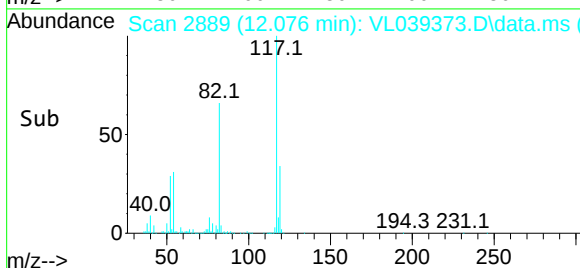
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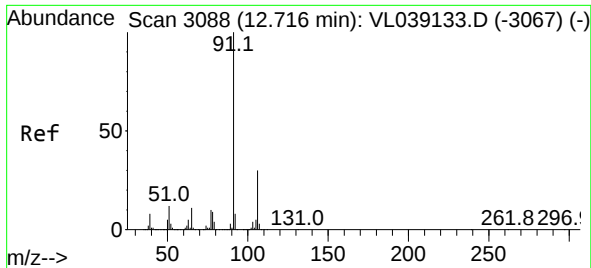


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42



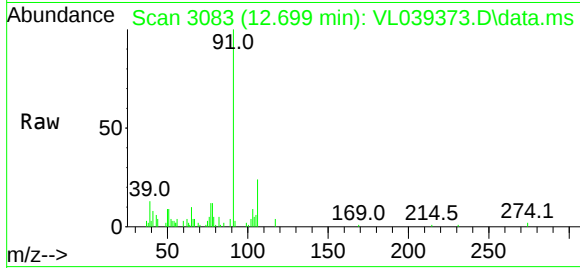
Tgt Ion:117 Resp: 2552098
Ion Ratio Lower Upper
117 100
82 66.8 55.1 82.7
119 34.1 24.7 37.1





#58
Ethyl Benzene
Concen: 0.100 ppbv m
RT: 12.699 min Scan# 3083
Delta R.T. -0.016 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

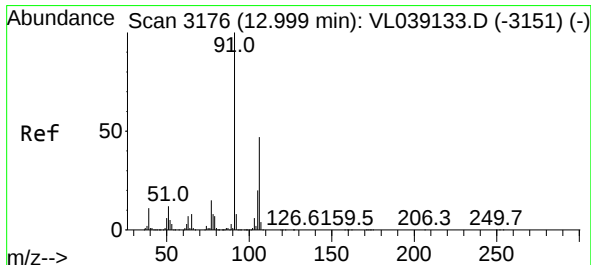
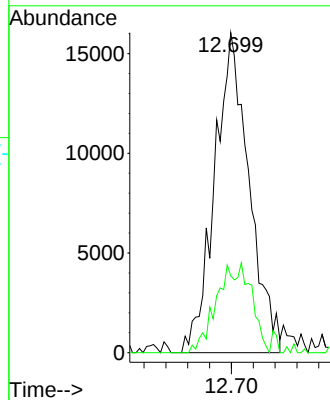
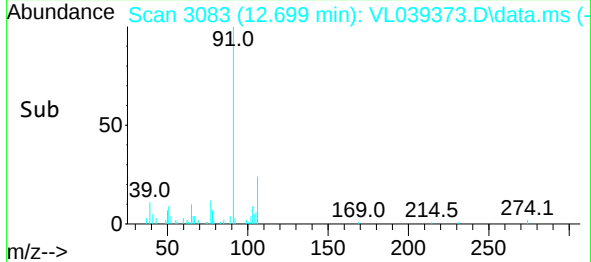
Instrument :
MSVOA_L
ClientSampleId :
SG-1



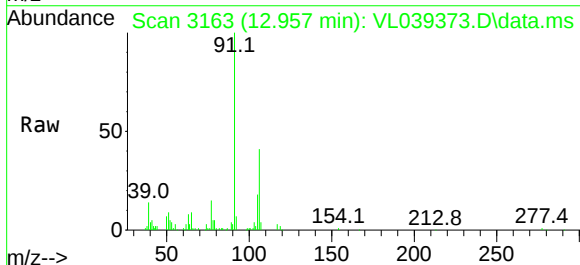
Tgt Ion: 91 Resp: 3520
Ion Ratio Lower Upper
91 100
106 24.0 24.2 36.4

Manual Integrations
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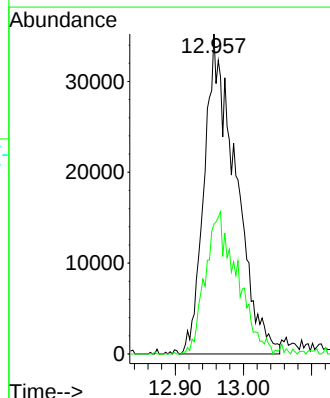
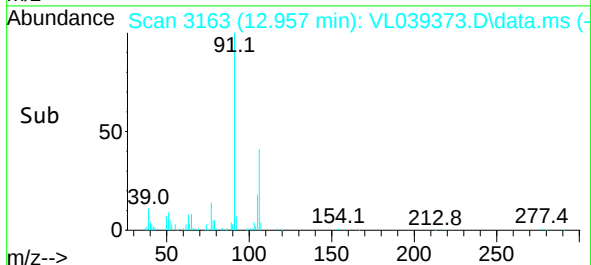
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

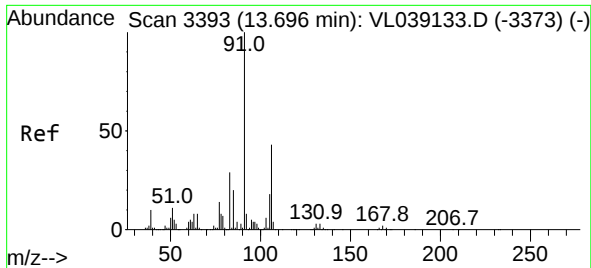


#59
m/p-Xylene
Concen: 0.365 ppbv m
RT: 12.957 min Scan# 3163
Delta R.T. -0.042 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42



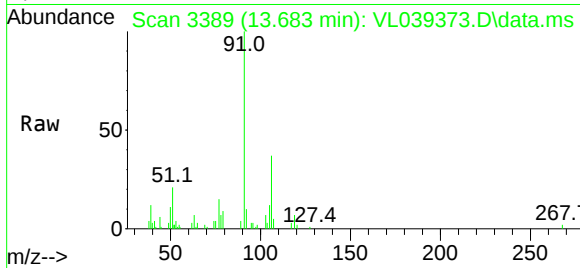
Tgt Ion: 91 Resp: 112970
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5





#60
o-Xylene
Concen: 0.150 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

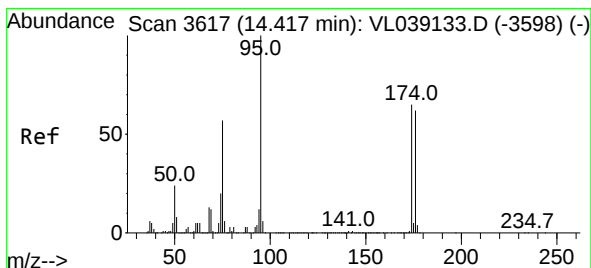
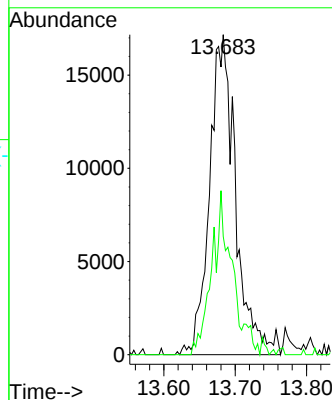
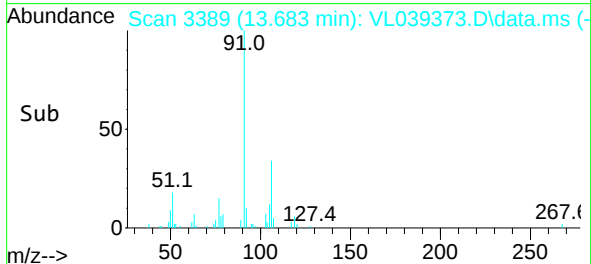
Instrument :
MSVOA_L
ClientSampleId :
SG-1



Tgt Ion: 91 Resp: 4358
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9

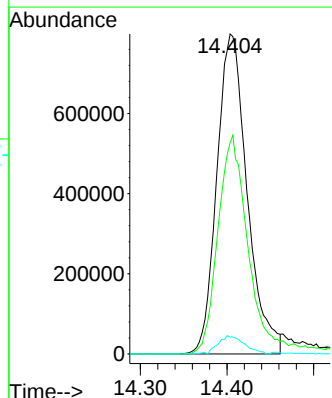
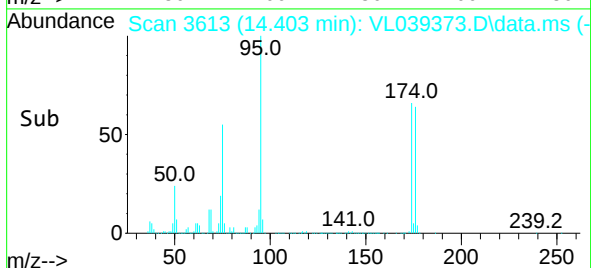
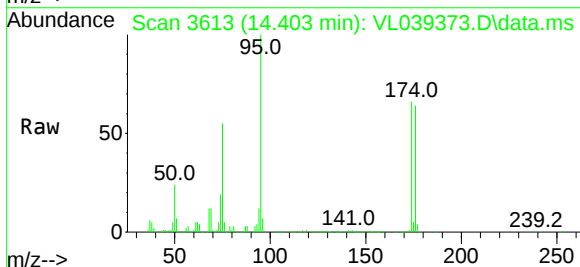
Manual Integrations
APPROVED

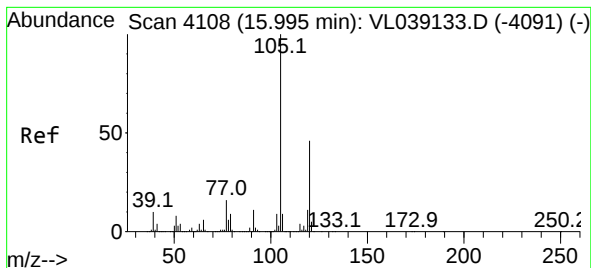
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.187 ppbv
RT: 14.403 min Scan# 3613
Delta R.T. -0.013 min
Lab File: VL039373.D
Acq: 28 Jun 2022 00:42

Tgt Ion: 95 Resp: 1938325
Ion Ratio Lower Upper
95 100
174 71.6 53.8 80.8
175 5.0 4.1 6.1





#73

1,3,5-Trimethylbenzene

Concen: 0.126 ppbv

RT: 15.982 min Scan# 4108

Delta R.T. -0.013 min

Lab File: VL039373.D

Acq: 28 Jun 2022 00:42

Instrument :

MSVOA_L

ClientSampleId :

SG-1

Tgt Ion:105 Resp: 3885

Ion Ratio Lower Upper

105 100

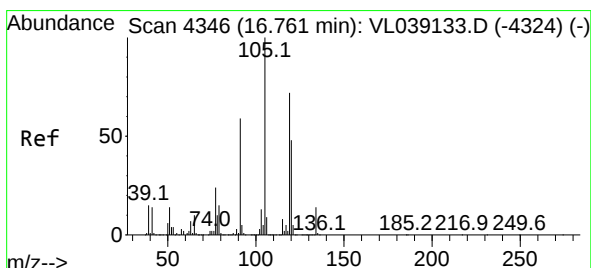
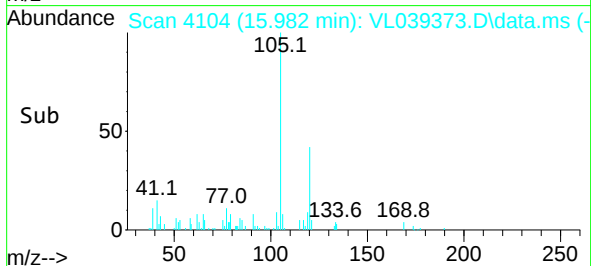
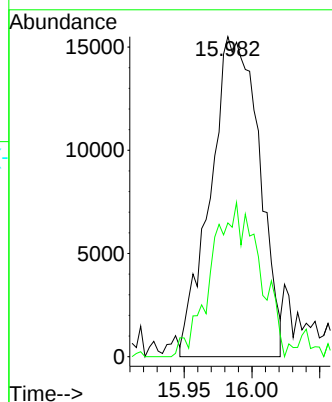
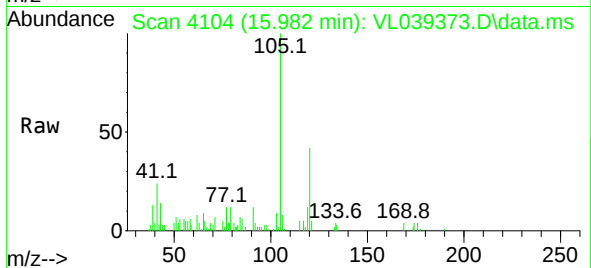
120 37.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.546 ppbv

RT: 16.747 min Scan# 4342

Delta R.T. -0.013 min

Lab File: VL039373.D

Acq: 28 Jun 2022 00:42

Tgt Ion:105 Resp: 187330

Ion Ratio Lower Upper

105 100

120 33.5 38.1 57.1#

91 10.5 47.4 71.0#

77 13.4 19.5 29.3#

