

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040053.D
 Acq On : 20 Dec 2022 12:41
 Operator : SY/MD
 Sample : N5971-11DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 03:54:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	896828	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2578020	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2237168	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1725797	10.099	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.000%
Target Compounds						
9) Propene	2.677	41	28309	0.504	ppbv	86
10) Heptane	7.552	43	295244	2.154	ppbv	100
13) Ethanol	3.227	45	80155m	15.166	ppbv	
15) Acetone	3.443	43	1151386	8.299	ppbv	100
19) Isopropyl Alcohol	3.571	45	13456m	0.197	ppbv	
28) Methyl tert-Butyl Ether	4.578	73	18868m	0.159	ppbv	
30) Cyclohexane	6.574	84	55548m	0.621	ppbv	
53) Toluene	9.192	91	2874699	11.277	ppbv	99
59) m/p-Xylene	12.317	91	83074m	0.300	ppbv	
60) o-Xylene	13.044	91	38287m	0.144	ppbv	

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

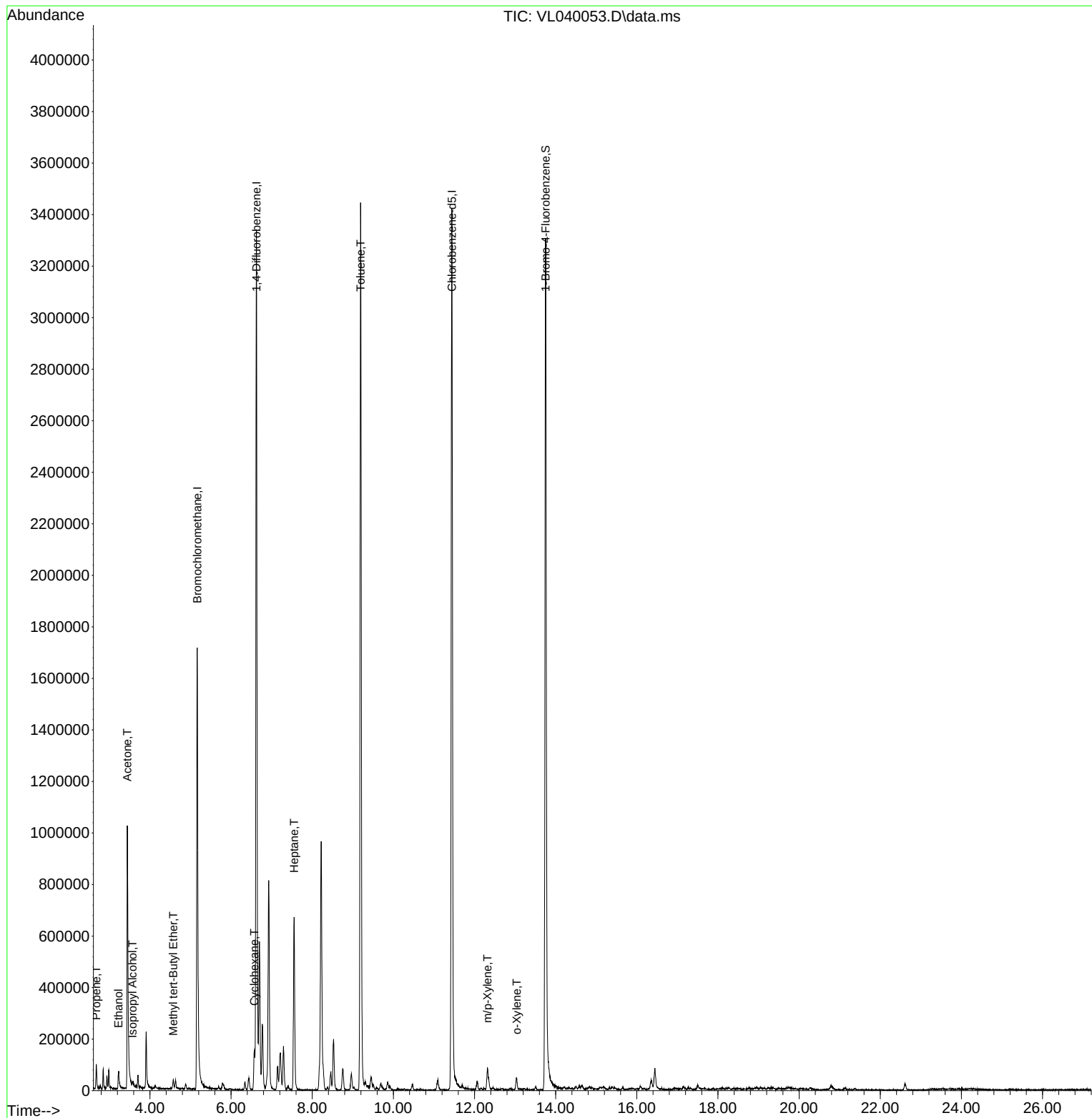
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
Data File : VL040053.D
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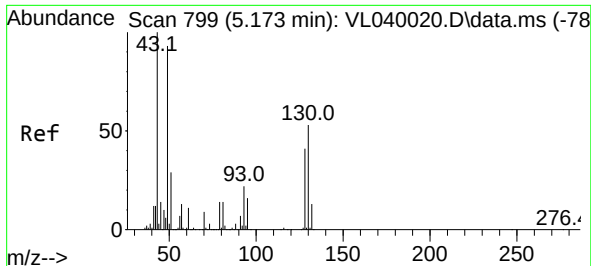
Instrument :
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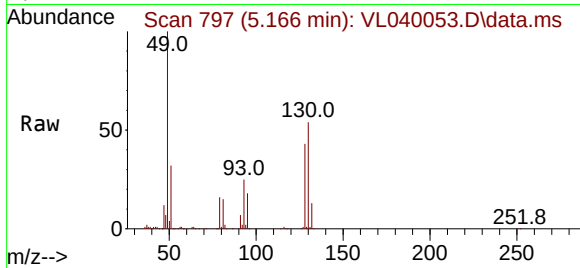
Quant Time: Dec 21 03:54:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Dec 20 04:50:21 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.007 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

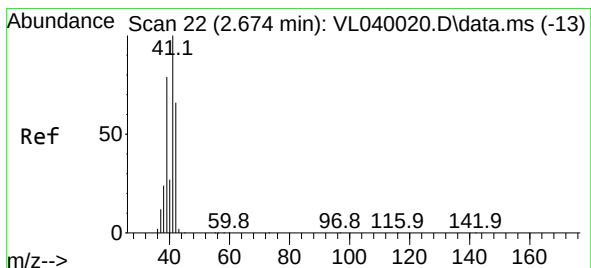
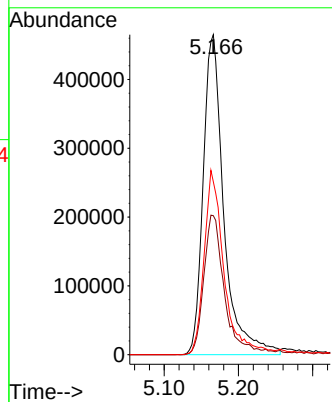
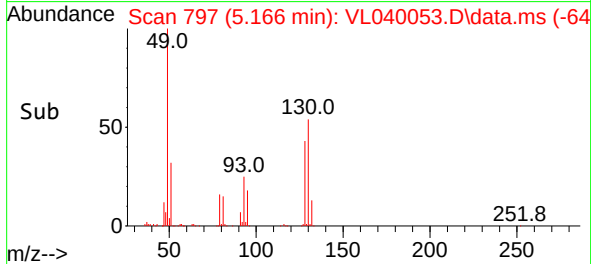
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion: 49 Resp: 896828
Ion Ratio Lower Upper
49 100
128 45.3 22.4 67.3
130 57.9 28.9 86.8

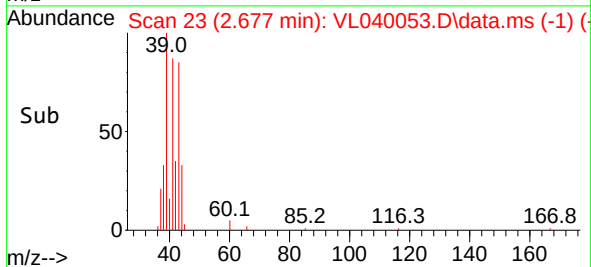
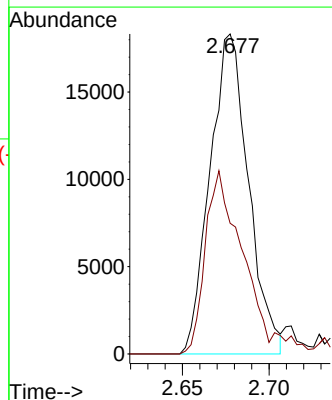
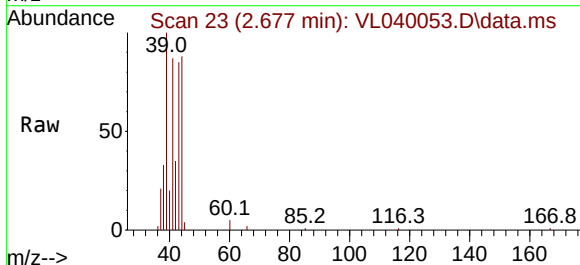
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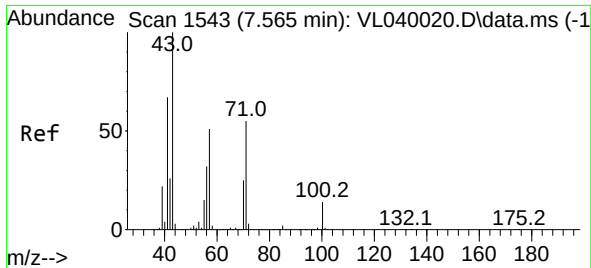
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#9
Propene
Concen: 0.504 ppbv
RT: 2.677 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

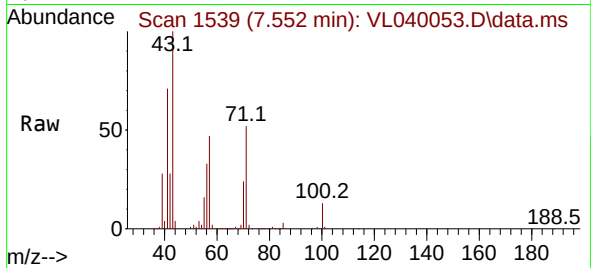
Tgt Ion: 41 Resp: 28309
Ion Ratio Lower Upper
41 100
42 57.3 54.8 82.2





#10
Heptane
Concen: 2.154 ppbv
RT: 7.552 min Scan# 1539
Delta R.T. -0.013 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

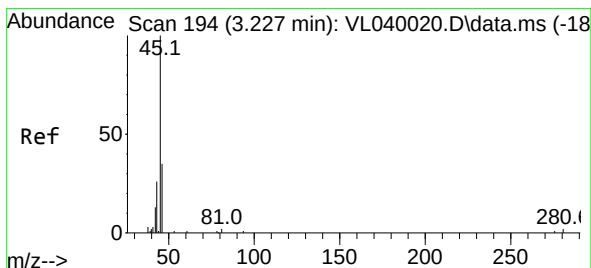
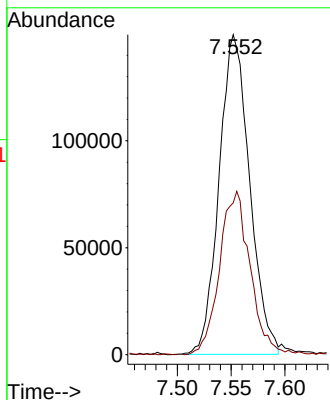
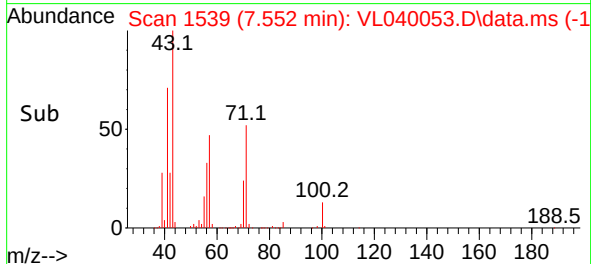
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



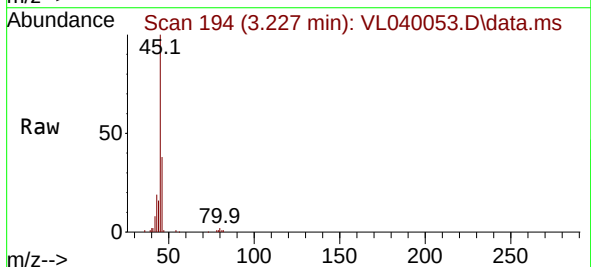
Tgt Ion: 43 Resp: 295244
Ion Ratio Lower Upper
43 100
57 51.6 41.2 61.8

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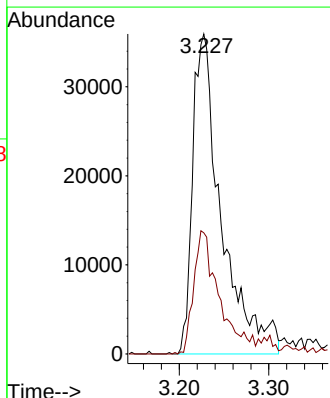
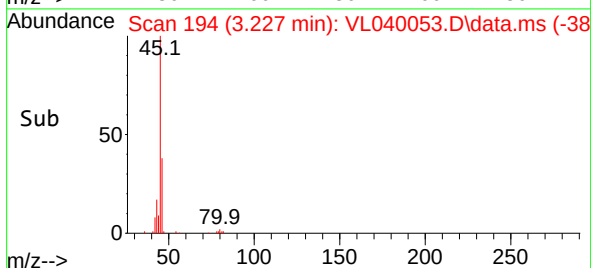
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Supervised By :Mahesh Dadoda 12/21/2022

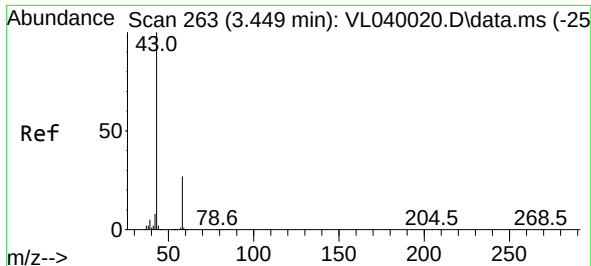


#13
Ethanol
Concen: 15.166 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41



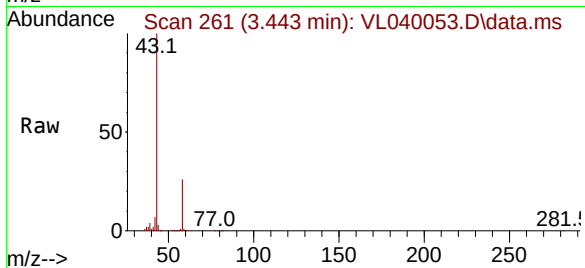
Tgt Ion: 45 Resp: 80155
Ion Ratio Lower Upper
45 100
46 39.4 13.7 54.7





#15
Acetone
Concen: 8.299 ppbv
RT: 3.443 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

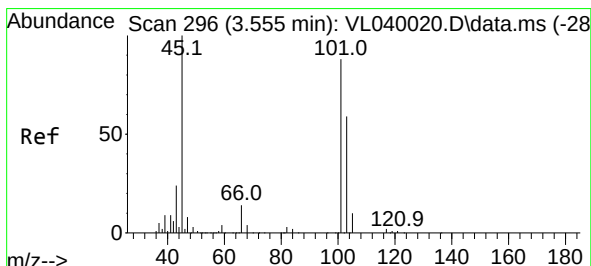
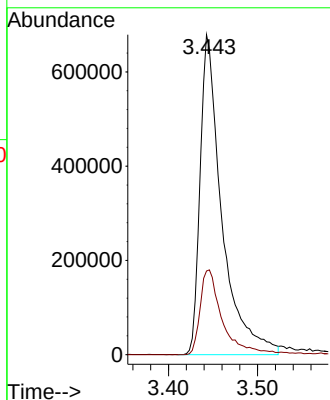
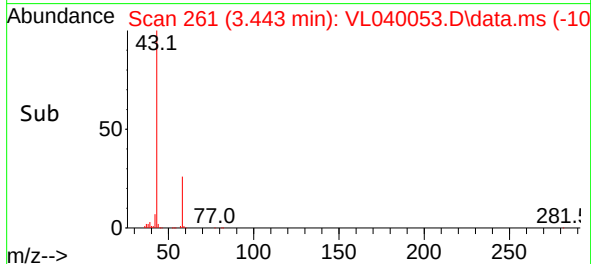
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion: 43 Resp: 115138
Ion Ratio Lower Upper
43 100
58 27.5 21.8 32.8

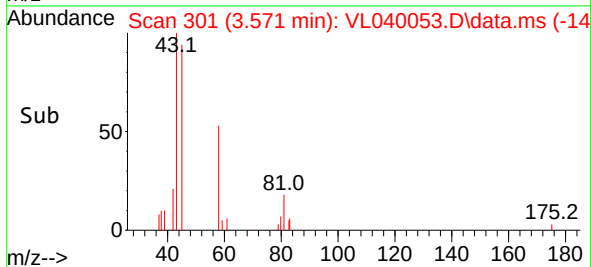
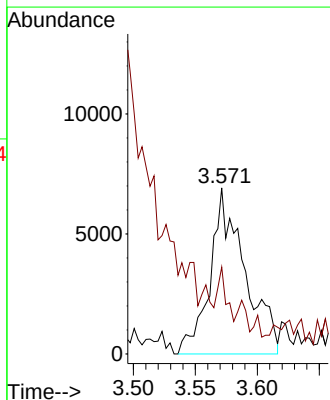
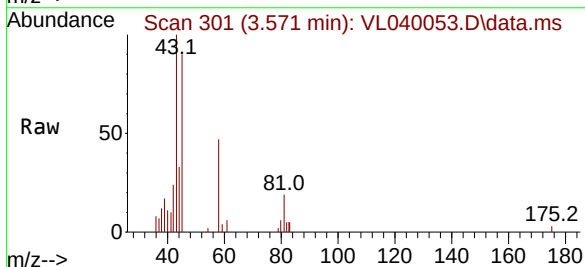
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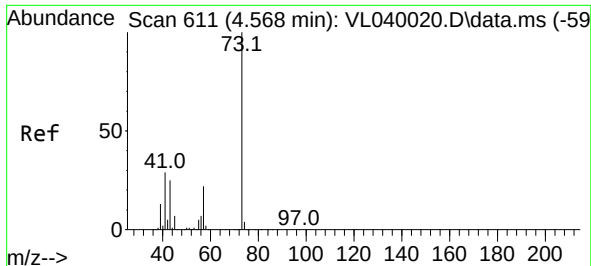
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#19
Isopropyl Alcohol
Concen: 0.197 ppbv m
RT: 3.571 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

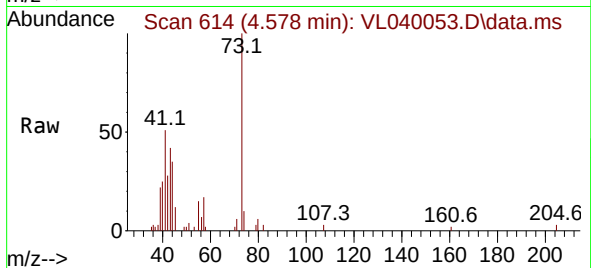
Tgt Ion: 45 Resp: 13456
Ion Ratio Lower Upper
45 100
58 0.0 1.7 2.5#





#28
Methyl tert-Butyl Ether
Concen: 0.159 ppbv m
RT: 4.578 min Scan# 611
Delta R.T. 0.010 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

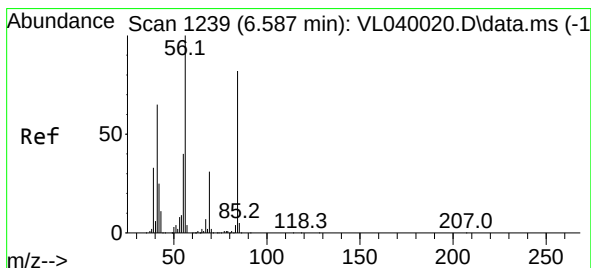
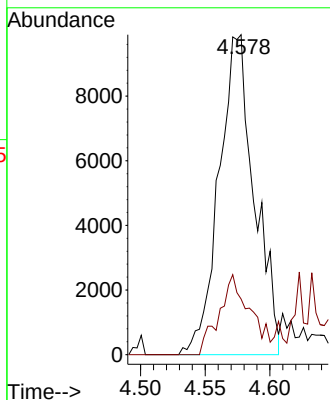
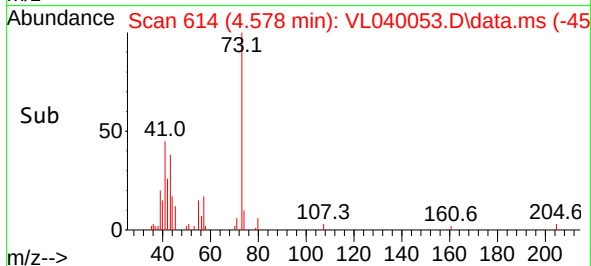
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion: 73 Resp: 1886
Ion Ratio Lower Upper
73 100
57 20.5 18.6 28.0

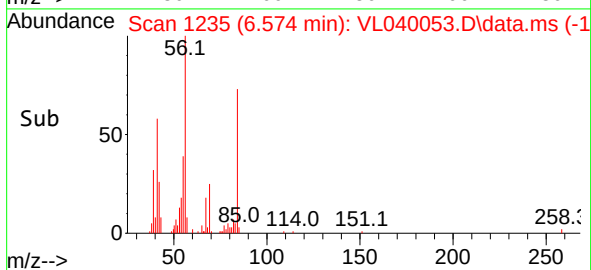
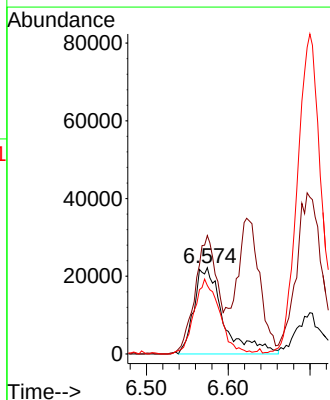
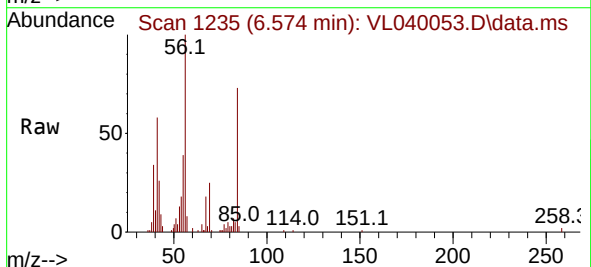
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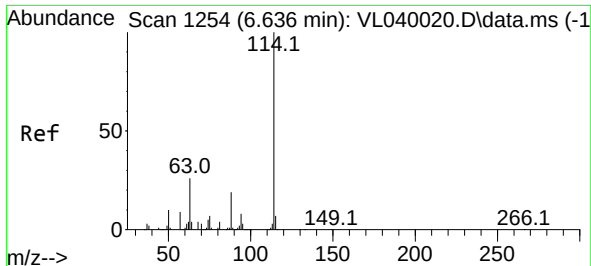
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#30
Cyclohexane
Concen: 0.621 ppbv m
RT: 6.574 min Scan# 1235
Delta R.T. -0.013 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

Tgt Ion: 84 Resp: 55548
Ion Ratio Lower Upper
84 100
56 110.6 110.2 165.4
41 74.7 67.8 101.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL040053.D

Acq: 20 Dec 2022 12:41

Instrument :

MSVOA_L

ClientSampleId :

SS-2DL2

Tgt Ion:114 Resp: 2578020

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.2

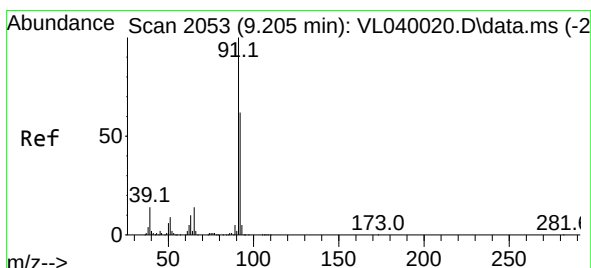
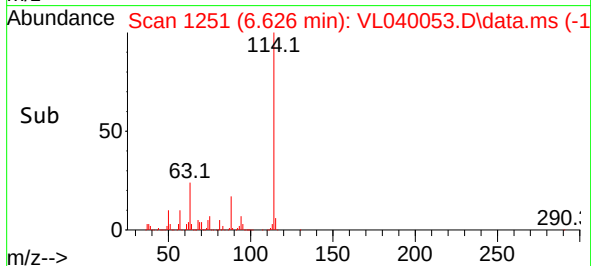
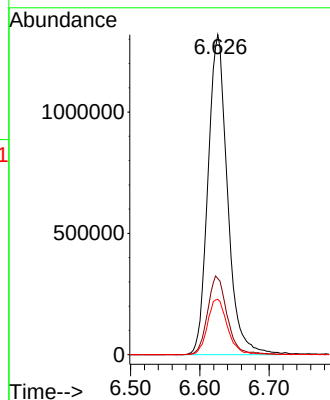
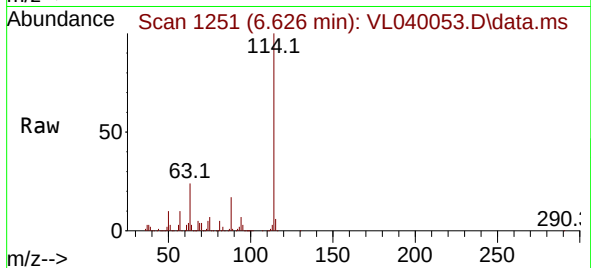
88 18.0 14.6 21.8

Manual Integrations

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Supervised By :Mahesh Dadoda 12/21/2022



#53

Toluene

Concen: 11.277 ppbv

RT: 9.192 min Scan# 2049

Delta R.T. -0.013 min

Lab File: VL040053.D

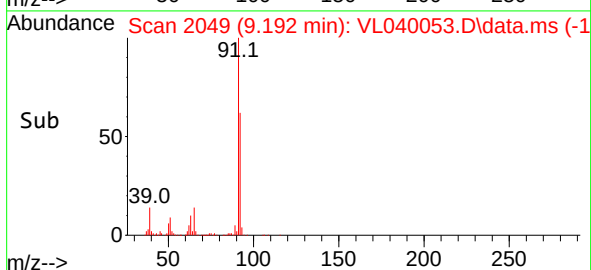
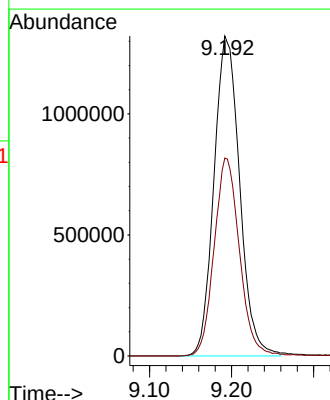
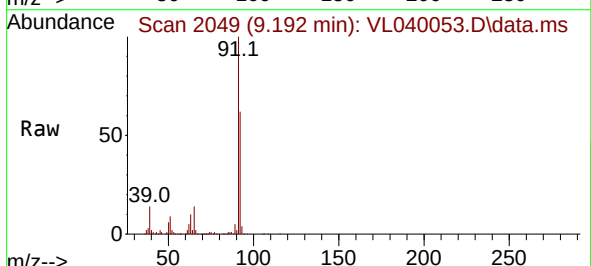
Acq: 20 Dec 2022 12:41

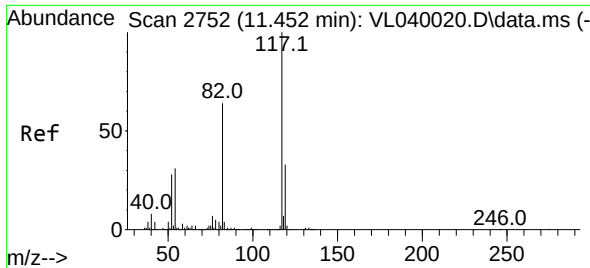
Tgt Ion: 91 Resp: 2874699

Ion Ratio Lower Upper

91 100

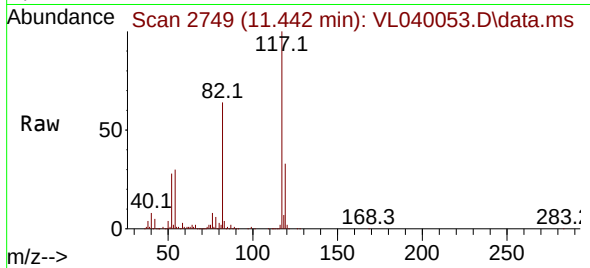
92 61.5 48.7 73.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

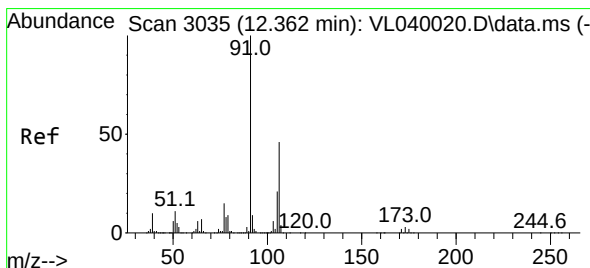
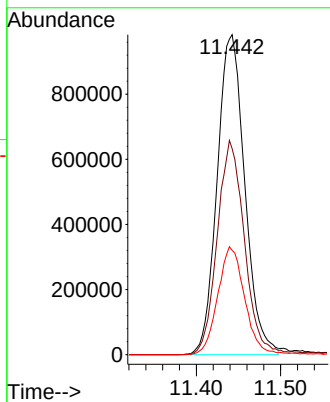
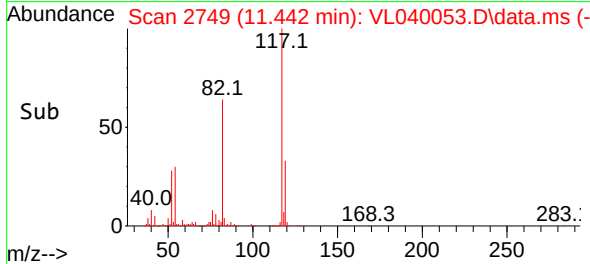
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion:117 Resp: 223716
Ion Ratio Lower Upper
117 100
82 67.2 51.2 76.8
119 33.2 23.2 34.8

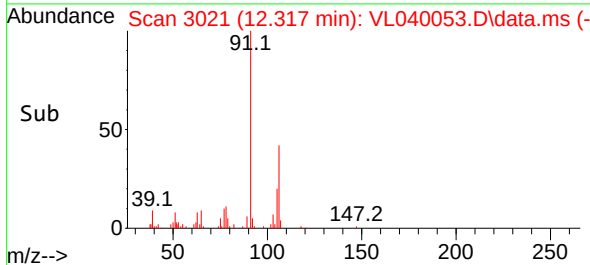
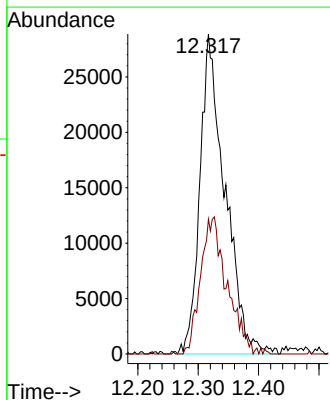
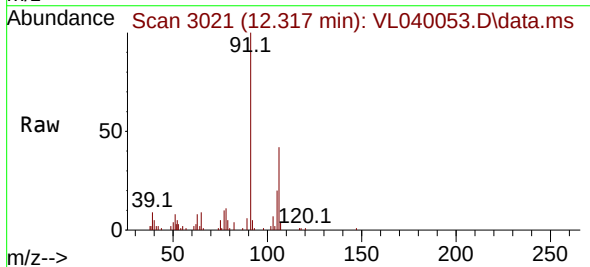
Manual Integrations
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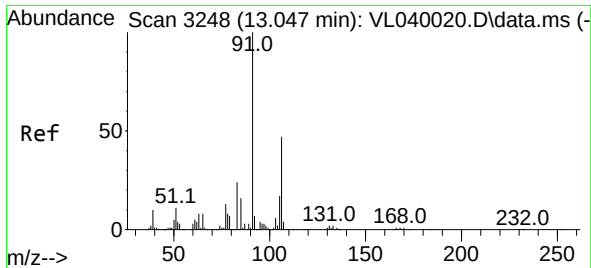
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#59
m/p-Xylene
Concen: 0.300 ppbv m
RT: 12.317 min Scan# 3021
Delta R.T. -0.045 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

Tgt Ion: 91 Resp: 83074
Ion Ratio Lower Upper
91 100
106 0.0 35.5 53.3#





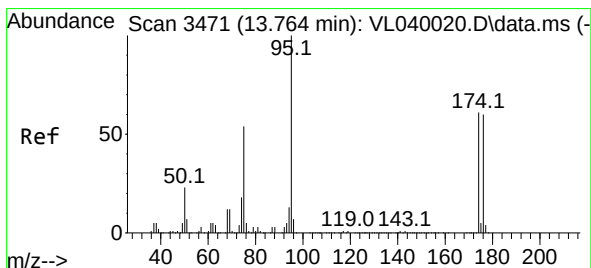
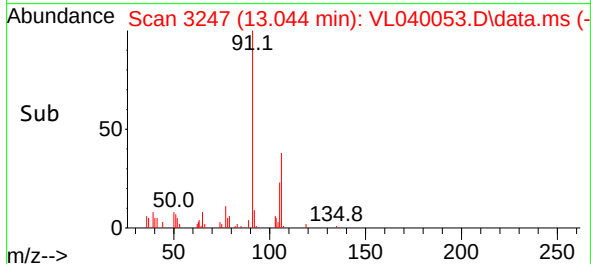
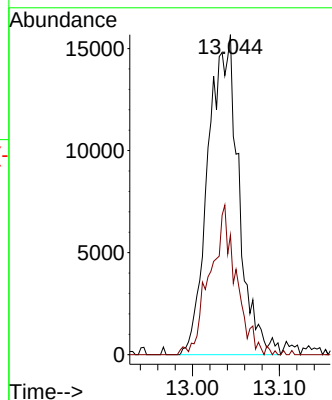
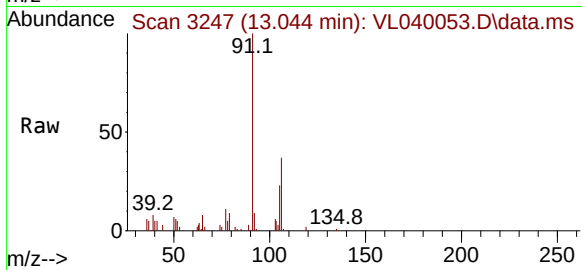
#60
o-Xylene
Concen: 0.144 ppbv m
RT: 13.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2

Tgt Ion: 91 Resp: 3828
Ion Ratio Lower Upper
91 100
106 40.3 22.4 67.0

Manual Integrations
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Supervised By :Mahesh Dadoda 12/21/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.099 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.010 min
Lab File: VL040053.D
Acq: 20 Dec 2022 12:41

Tgt Ion: 95 Resp: 1725797
Ion Ratio Lower Upper
95 100
174 60.2 48.6 73.0
175 4.3 3.4 5.2

