

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040121.D
 Acq On : 19 Jan 2023 20:06
 Operator : SY/MD
 Sample : 01223-01DL2 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 02:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	970673	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.671	114	2688895	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.497	117	2473516	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.809	95	2103567	10.233	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.300%	
Target Compounds						
					Qvalue	
10) Heptane	7.603	43	46446	0.417	ppbv #	27
13) Ethanol	3.256	45	18032m	4.050	ppbv	
30) Cyclohexane	6.623	84	531897	7.455	ppbv	96
36) Benzene	6.385	78	65583m	0.330	ppbv	
44) 2,2,4-Trimethylpentane	7.349	57	4882368	14.754	ppbv #	75
53) Toluene	9.243	91	44875	0.211	ppbv	95
62) Isopropylbenzene	14.056	105	186069	0.549	ppbv	99
64) n-propylbenzene	14.953	120	31675m	0.376	ppbv	

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

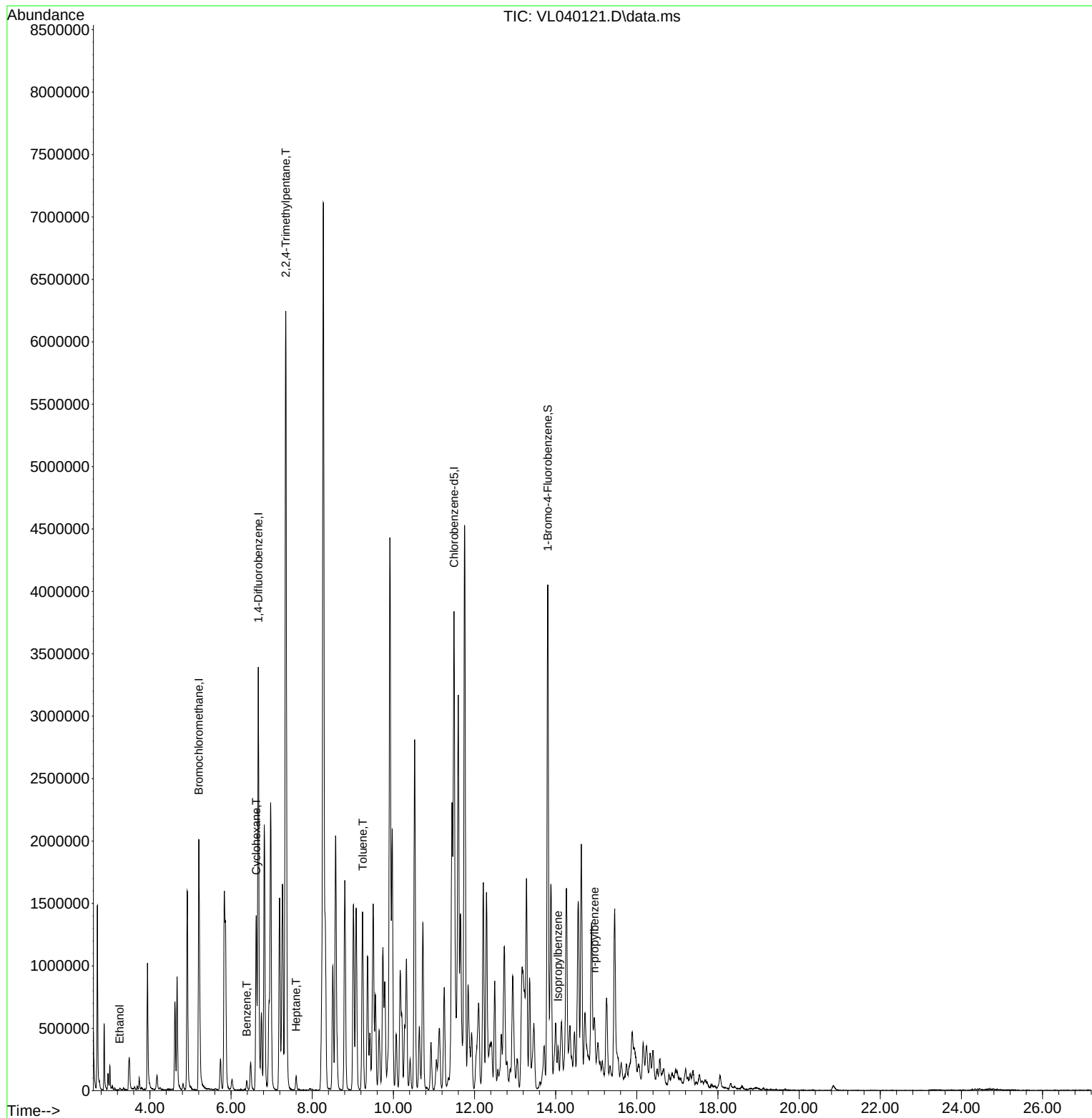
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
Data File : VL040121.D
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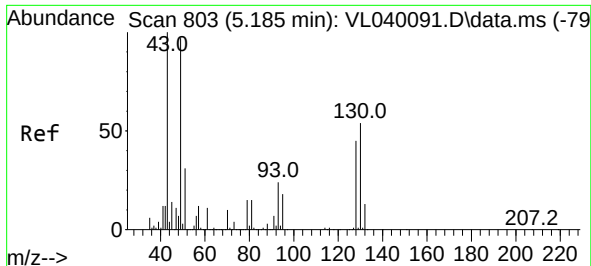
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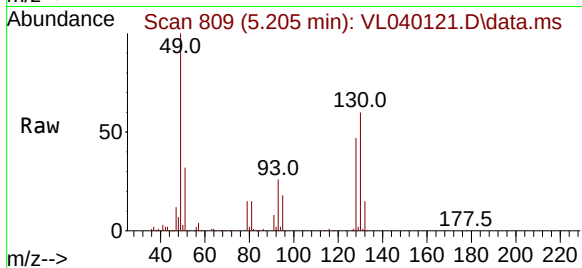
Quant Time: Jan 20 02:09:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jan 16 14:40:47 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 803
Delta R.T. 0.020 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

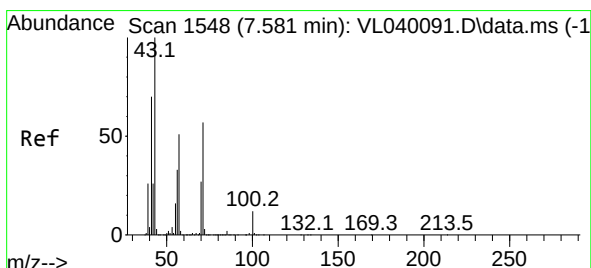
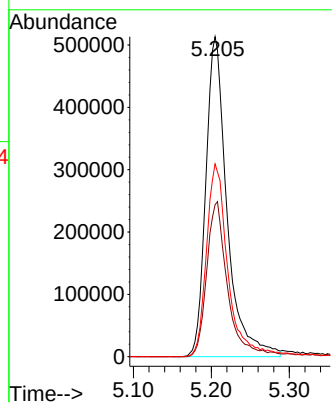
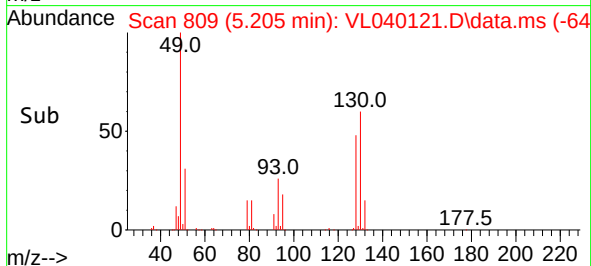
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL2



Tgt Ion: 49 Resp: 97067
Ion Ratio Lower Upper
49 100
128 48.9 23.6 71.0
130 62.0 29.8 89.3

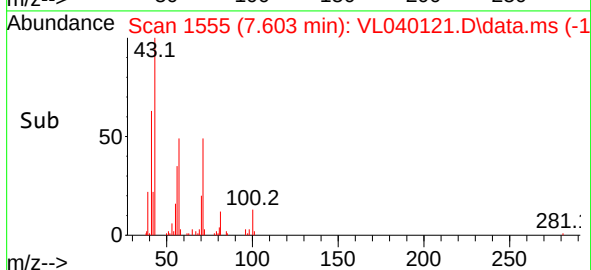
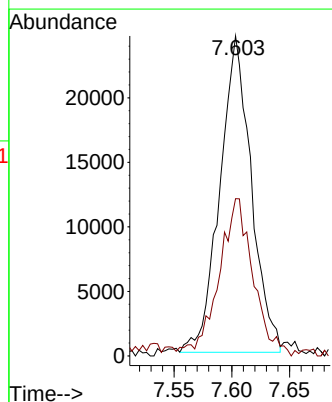
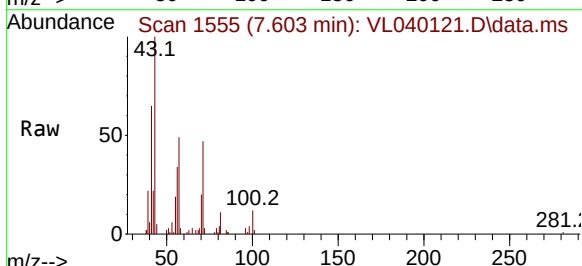
Manual Integrations
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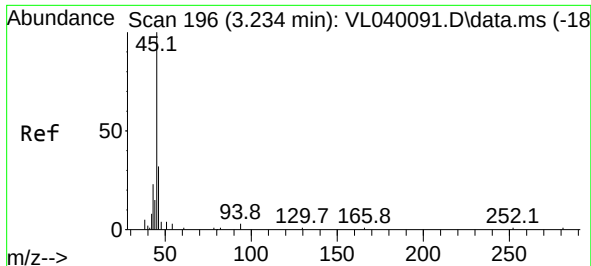
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023



#10
Heptane
Concen: 0.417 ppbv
RT: 7.603 min Scan# 1555
Delta R.T. 0.022 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

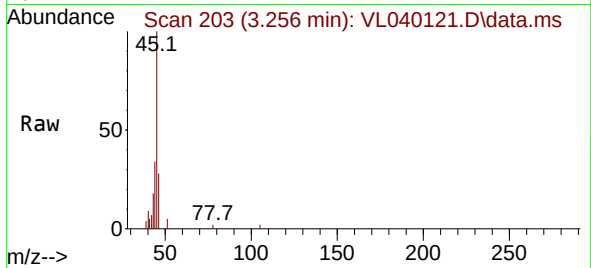
Tgt Ion: 43 Resp: 46446
Ion Ratio Lower Upper
43 100
57 0.0 40.9 61.3#





#13
Ethanol
Concen: 4.050 ppbv m
RT: 3.256 min Scan# 20
Delta R.T. 0.022 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

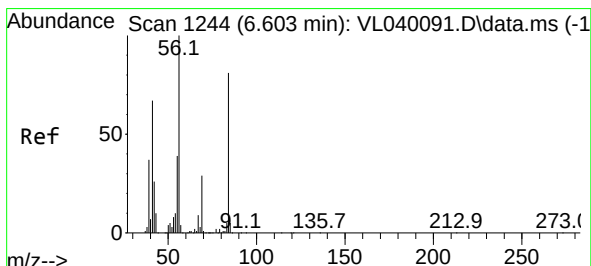
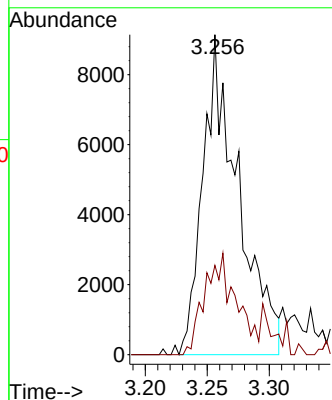
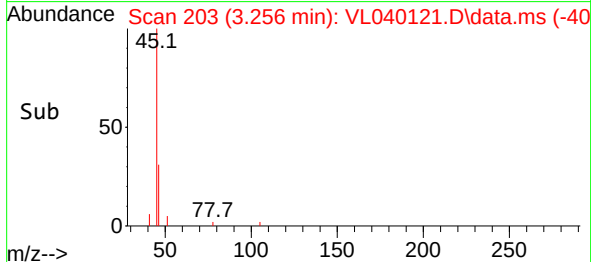
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL2



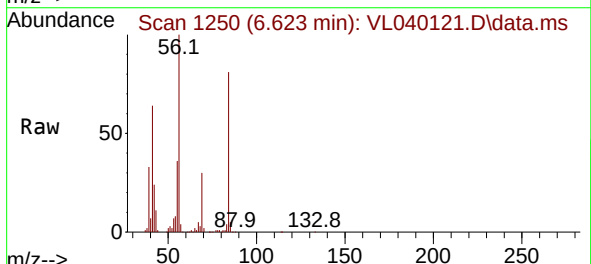
Tgt Ion: 45 Resp: 1803
Ion Ratio Lower Upper
45 100
46 27.2 14.8 59.2

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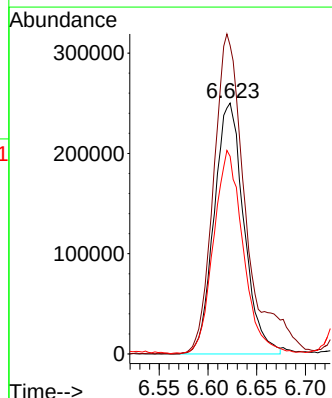
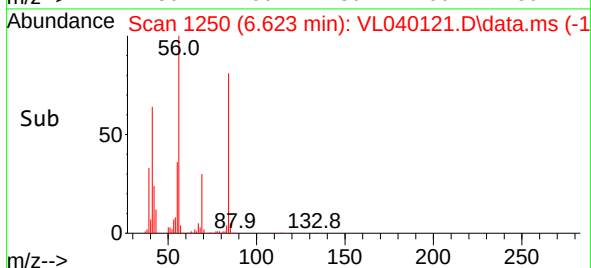
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

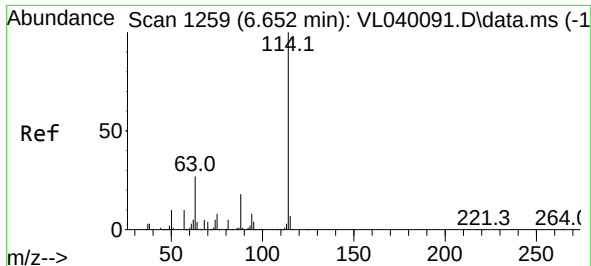


#30
Cyclohexane
Concen: 7.455 ppbv
RT: 6.623 min Scan# 1250
Delta R.T. 0.019 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06



Tgt Ion: 84 Resp: 531897
Ion Ratio Lower Upper
84 100
56 138.4 111.5 167.3
41 80.5 71.4 107.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1176

Delta R.T. 0.019 min

Lab File: VL040121.D

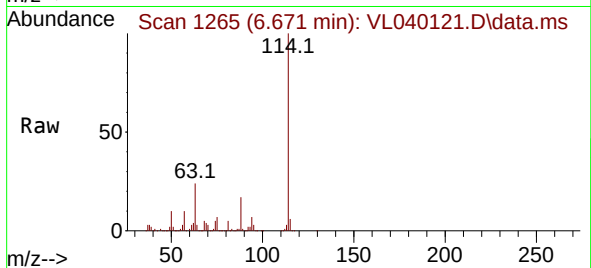
Acq: 19 Jan 2023 20:06

Instrument :

MSVOA_L

ClientSampleId :

VP-1DL2



Tgt Ion:114 Resp: 268889

Ion Ratio Lower Upper

114 100

63 24.6 21.8 32.8

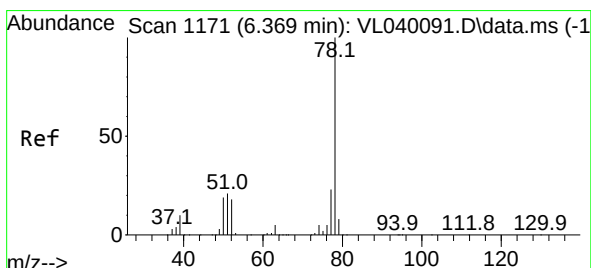
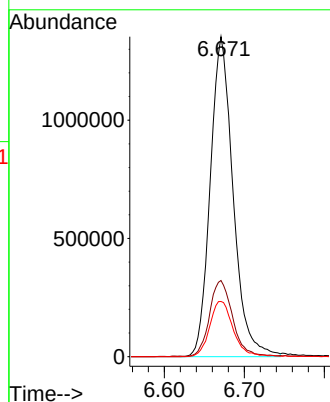
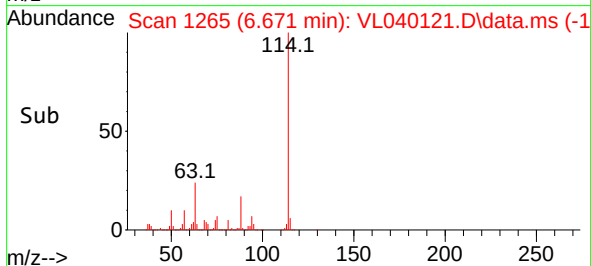
88 18.0 14.8 22.2

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#36

Benzene

Concen: 0.330 ppbv m

RT: 6.385 min Scan# 1176

Delta R.T. 0.016 min

Lab File: VL040121.D

Acq: 19 Jan 2023 20:06

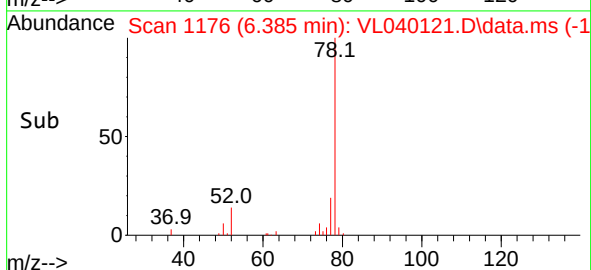
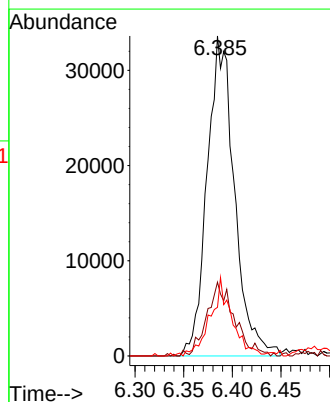
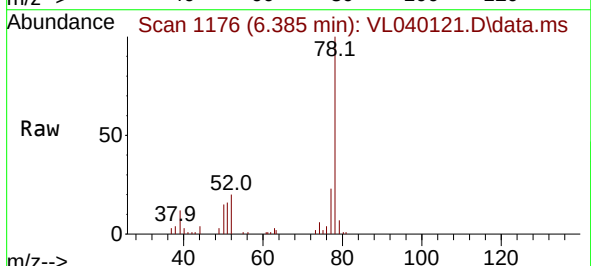
Tgt Ion: 78 Resp: 65583

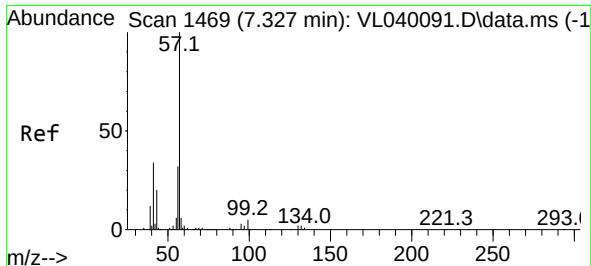
Ion Ratio Lower Upper

78 100

77 23.1 18.1 27.1

50 15.2 15.6 23.4#





#44

2,2,4-Trimethylpentane

Concen: 14.754 ppbv

RT: 7.349 min Scan# 1469

Delta R.T. 0.022 min

Lab File: VL040121.D

Acq: 19 Jan 2023 20:06

Instrument :

MSVOA_L

ClientSampleId :

VP-1DL2

Tgt Ion: 57 Resp: 488236

Ion Ratio Lower Upper

57 100

41 43.4 27.1 40.7

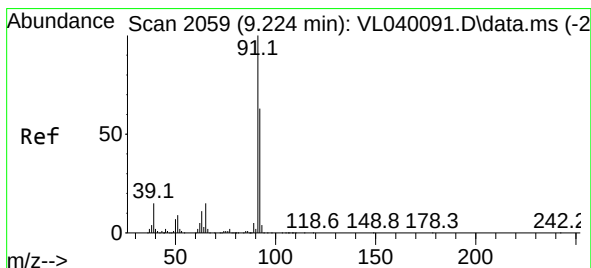
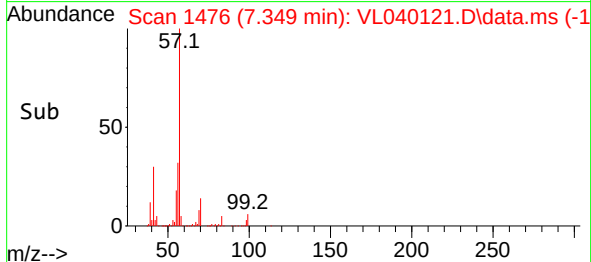
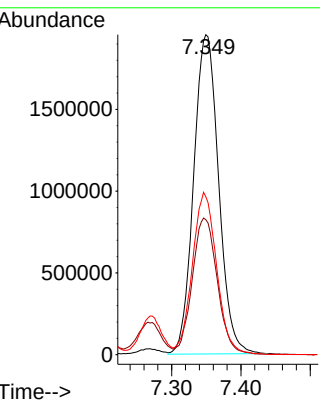
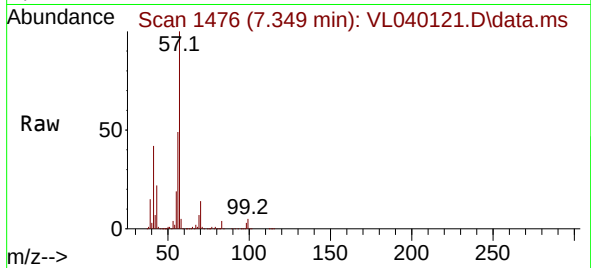
56 49.9 25.0 37.4

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#53

Toluene

Concen: 0.211 ppbv

RT: 9.243 min Scan# 2065

Delta R.T. 0.019 min

Lab File: VL040121.D

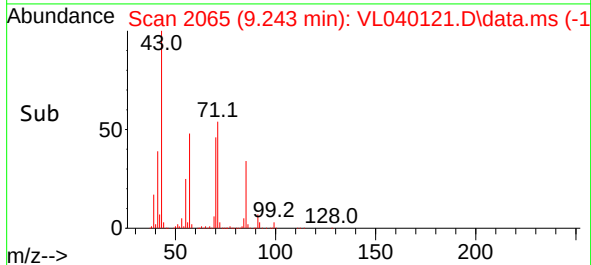
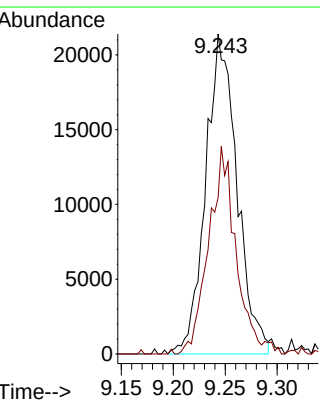
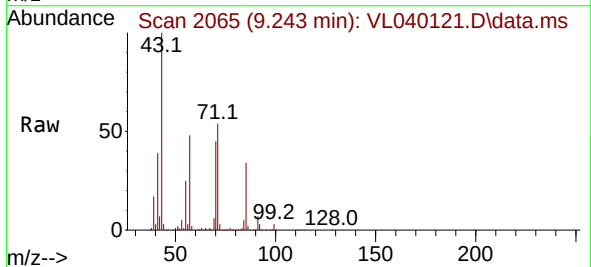
Acq: 19 Jan 2023 20:06

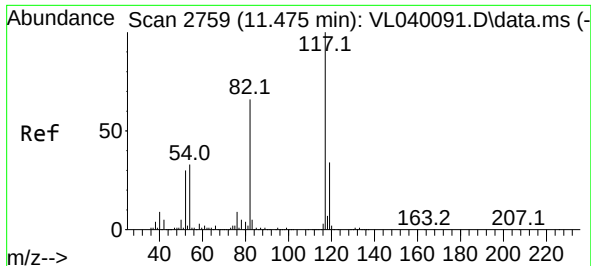
Tgt Ion: 91 Resp: 44875

Ion Ratio Lower Upper

91 100

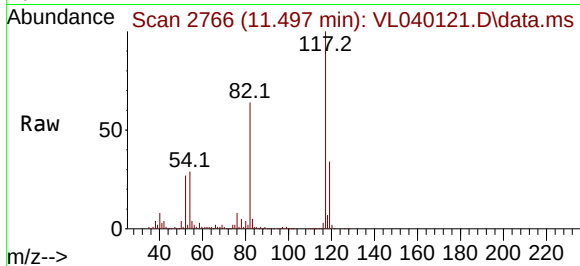
92 56.8 48.3 72.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.497 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

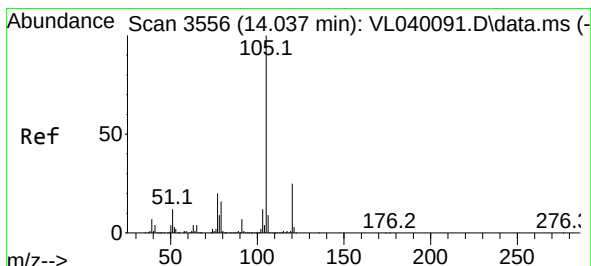
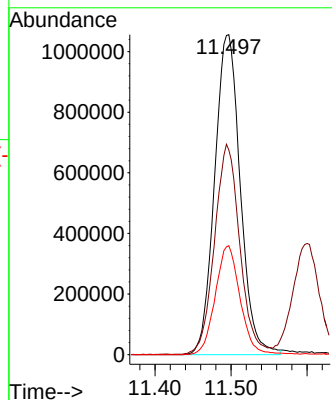
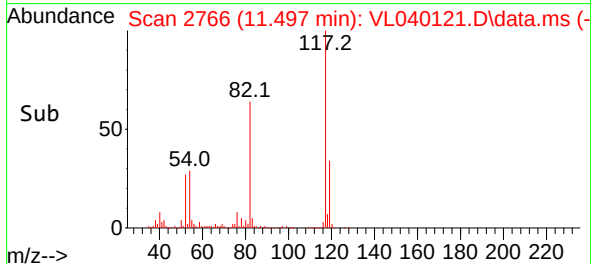
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL2



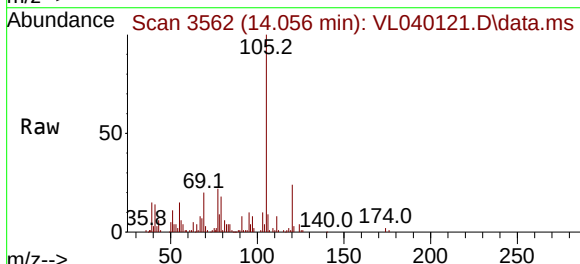
Tgt Ion:117 Resp: 2473510
Ion Ratio Lower Upper
117 100
82 65.2 54.4 81.6
119 33.2 26.8 40.2

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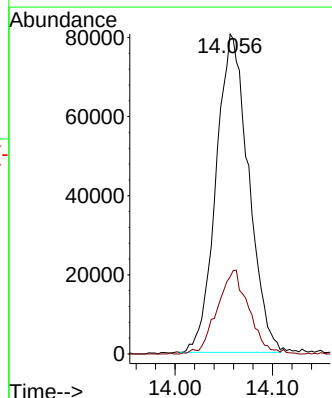
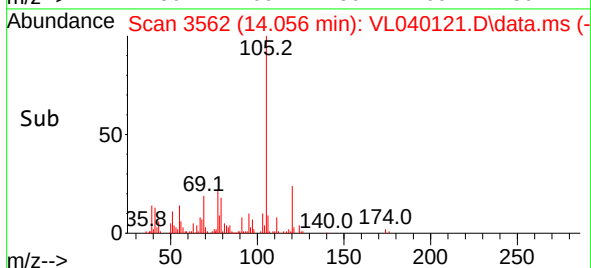
Reviewed By :Semsettin Yesilyurt 01/20/2023
Supervised By :Mahesh Dadoda 01/20/2023

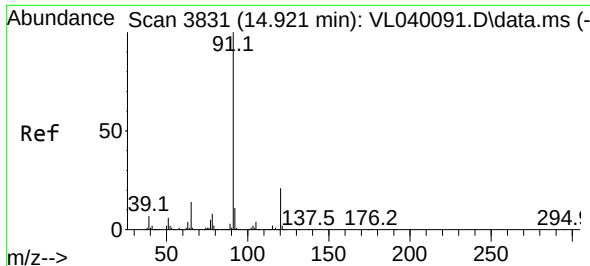


#62
Isopropylbenzene
Concen: 0.549 ppbv
RT: 14.056 min Scan# 3562
Delta R.T. 0.019 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06



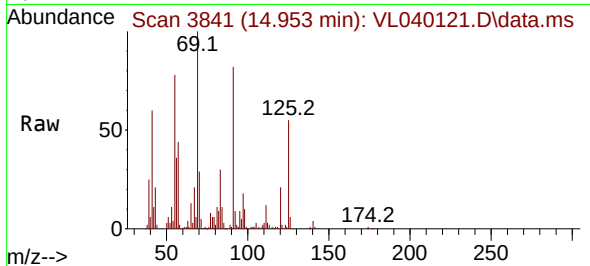
Tgt Ion:105 Resp: 186069
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.2





#64
n-propylbenzene
Concen: 0.376 ppbv m
RT: 14.953 min Scan# 3841
Delta R.T. 0.032 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

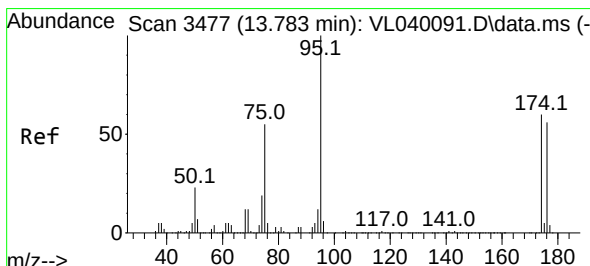
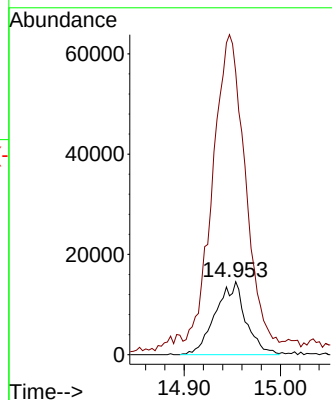
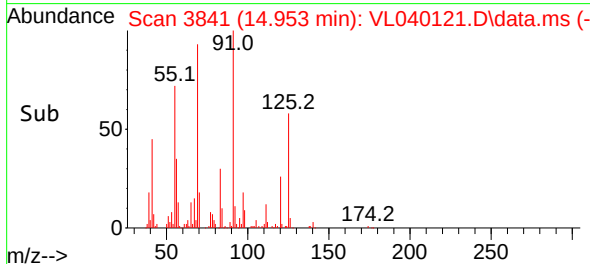
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL2



Tgt Ion:120 Resp: 3167
Ion Ratio Lower Upper
120 100
91 0.0 397.0 595.4

Manual Integrations
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Supervised By :Mahesh Dadoda 01/20/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.233 ppbv
RT: 13.809 min Scan# 3485
Delta R.T. 0.026 min
Lab File: VL040121.D
Acq: 19 Jan 2023 20:06

Tgt Ion: 95 Resp: 2103567
Ion Ratio Lower Upper
95 100
174 60.9 47.7 71.5
175 4.4 3.4 5.2

