

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039095.D
 Acq On : 23 May 2022 22:24
 Operator : SY/AP
 Sample : N2957-07DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AP-2DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: May 24 06:03:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

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

Internal Standards							
1) Bromochloromethane		5.652	49	1137297	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene		7.153	114	2604884	10.000	ppbv	-0.02
55) Chlorobenzene-d5		12.060	117	2174903	10.000	ppbv	-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		14.388	95	1833259	10.644	ppbv	-0.02
Spiked Amount		10.000	Range	65 - 135	Recovery	=	106.400%
Target Compounds						Qvalue	
3) Chlorodifluoromethane		2.986	51	17292m	0.123	ppbv	
4) Chloromethane		3.137	50	10054m	0.142	ppbv	
9) Propene		3.012	41	17829	0.289	ppbv	# 76
13) Ethanol		3.588	45	1989236	456.099	ppbv	89
15) Acetone		3.842	43	199430	1.859	ppbv	# 90
19) Isopropyl Alcohol		3.957	45	78427m	1.538	ppbv	
20) Methylene Chloride		4.333	84	238991	5.911	ppbv	94
26) Hexane		5.671	57	183155	1.605	ppbv	# 42
29) Chloroform		5.735	83	92572	0.502	ppbv	95
34) 2-Butanone		5.234	43	23645m	0.178	ppbv	

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

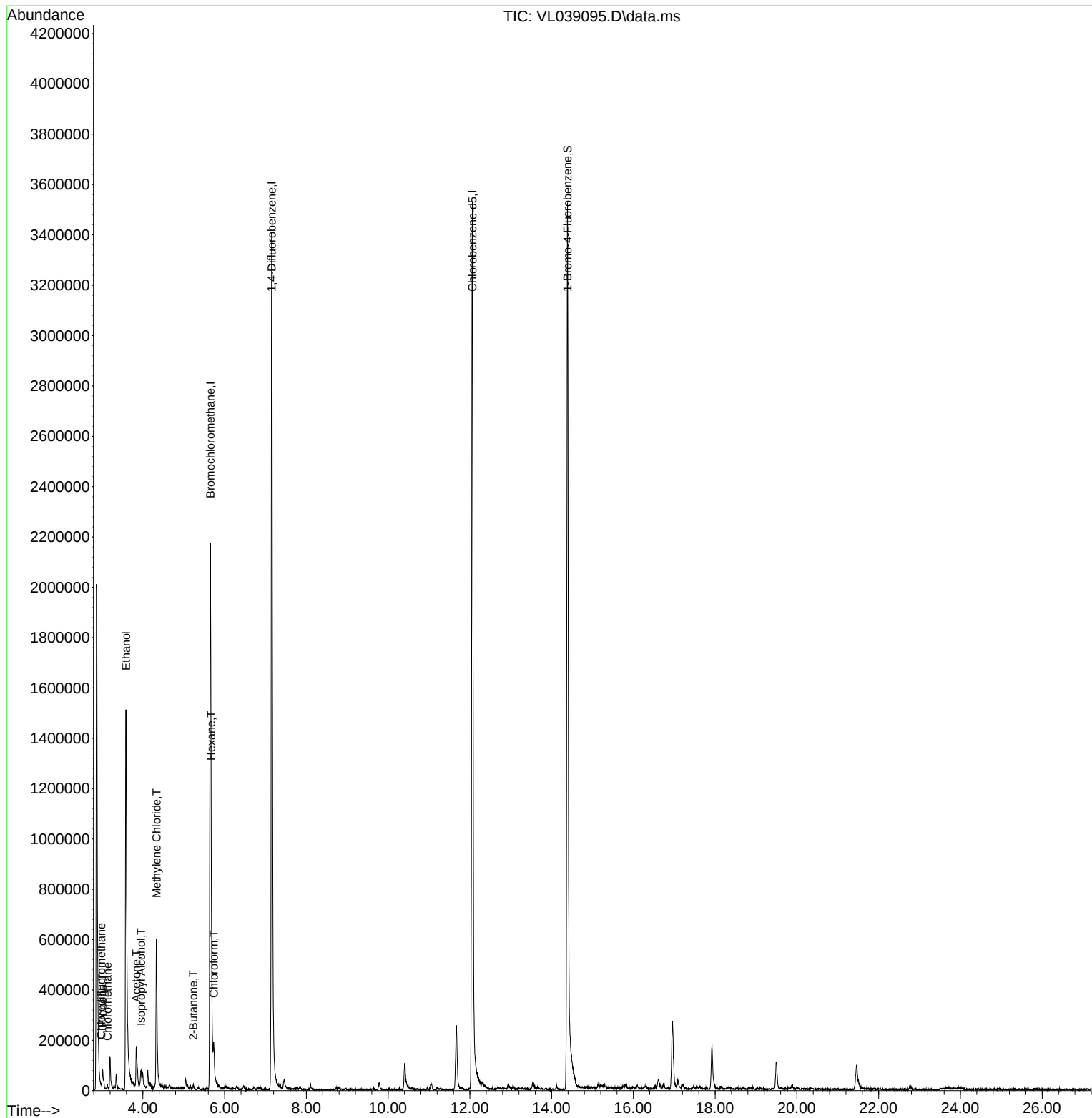
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
Data File : VL039095.D
Acq On : 23 May 2022 22:24
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ALS Vial : 8 Sample Multiplier: 1

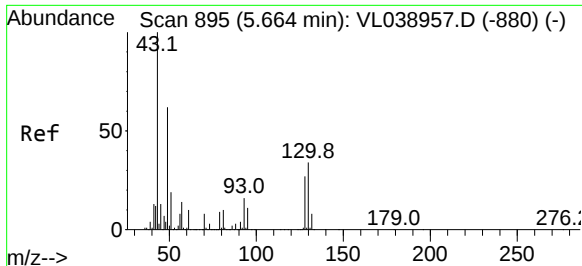
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

Quant Time: May 24 06:03:43 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
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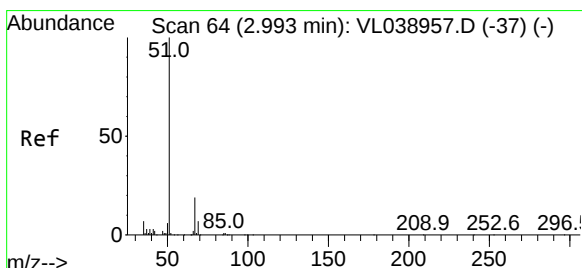
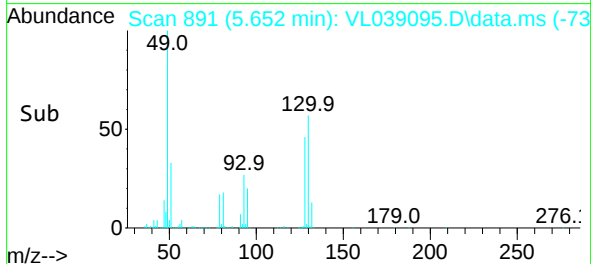
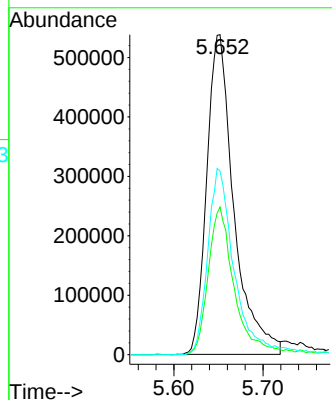
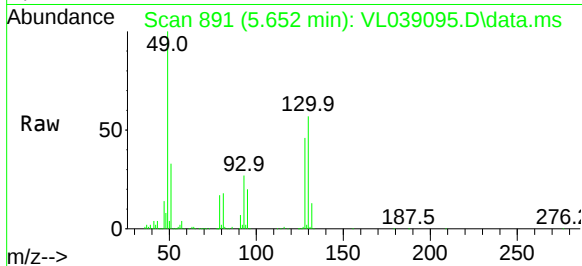
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 895
Delta R.T. -0.013 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

Instrument :
MSVOA_L
ClientSampleId :
AP-2DL

Tgt Ion: 49 Resp: 113729
Ion Ratio Lower Upper
49 100
128 45.0 23.3 69.8
130 59.5 29.8 89.3

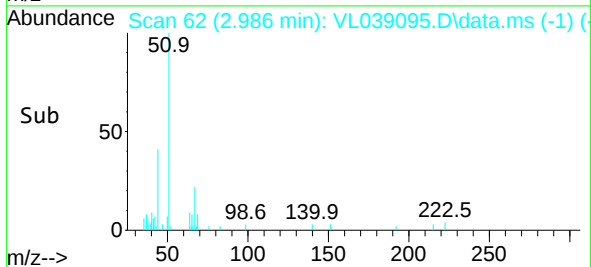
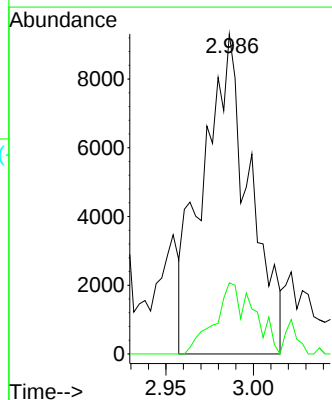
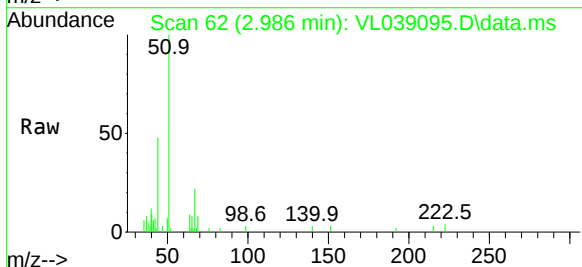
Manual Integrations
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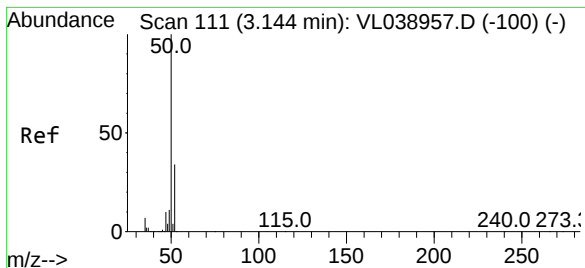
Reviewed By :Semsettin Yesilyurt 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#3
Chlorodifluoromethane
Concen: 0.123 ppbv m
RT: 2.986 min Scan# 62
Delta R.T. -0.006 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

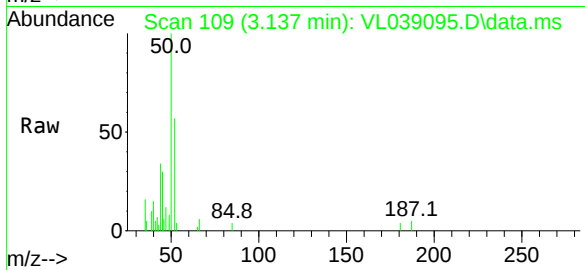
Tgt Ion: 51 Resp: 17292
Ion Ratio Lower Upper
51 100
67 21.4 15.8 23.8





#4
Chloromethane
Concen: 0.142 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.006 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

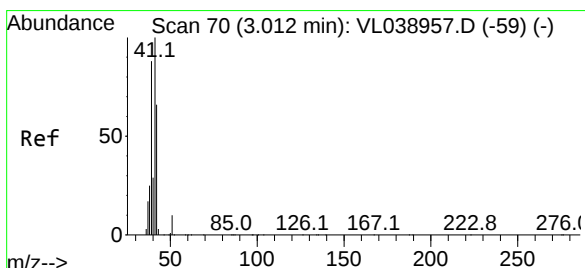
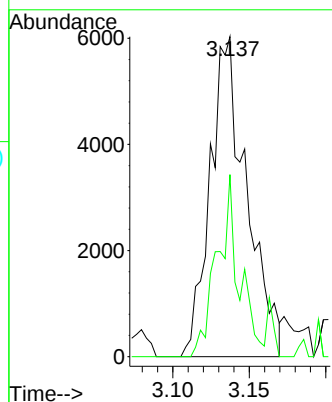
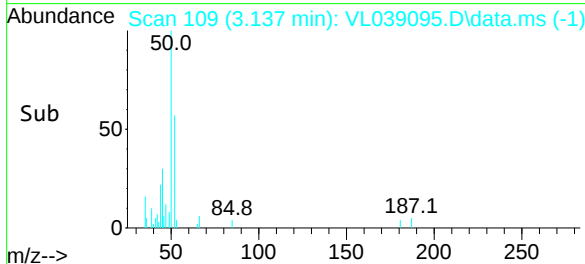
Instrument :
MSVOA_L
ClientSampleId :
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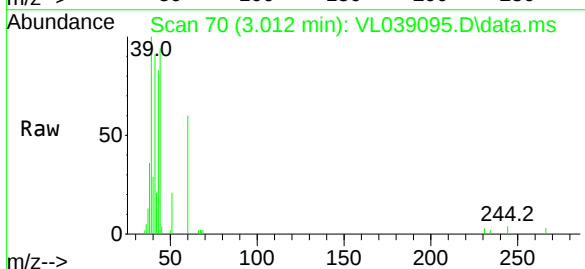
Tgt Ion: 50 Resp: 10054
Ion Ratio Lower Upper
50 100
52 56.9 27.3 40.9

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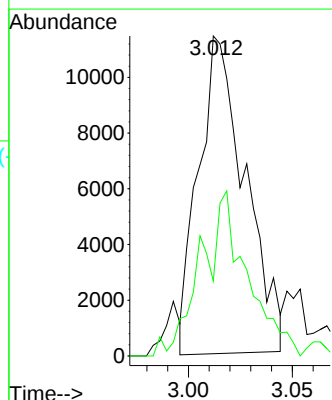
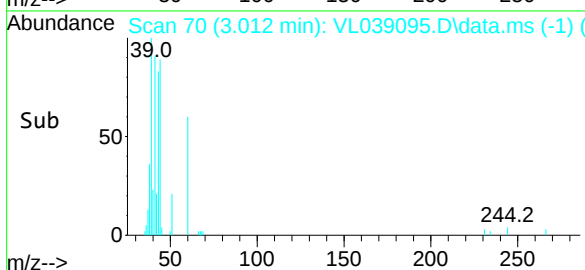
Reviewed By :Semsettin Yesilyurt 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

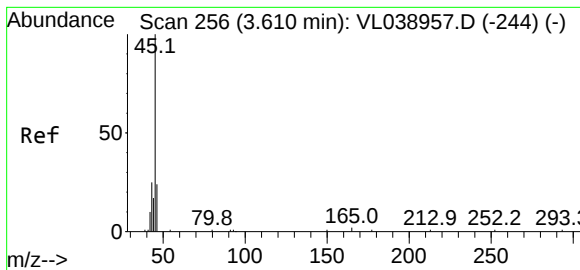


#9
Propene
Concen: 0.289 ppbv
RT: 3.012 min Scan# 70
Delta R.T. 0.000 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24



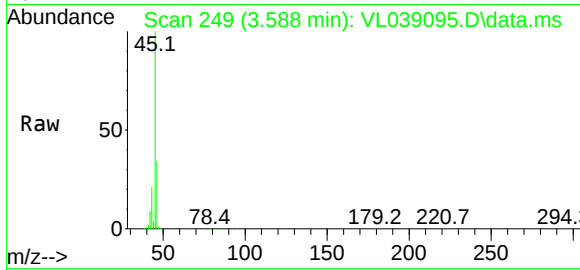
Tgt Ion: 41 Resp: 17829
Ion Ratio Lower Upper
41 100
42 53.1 58.3 87.5





#13
Ethanol
Concen: 456.099 ppbv
RT: 3.588 min Scan# 249
Delta R.T. -0.022 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

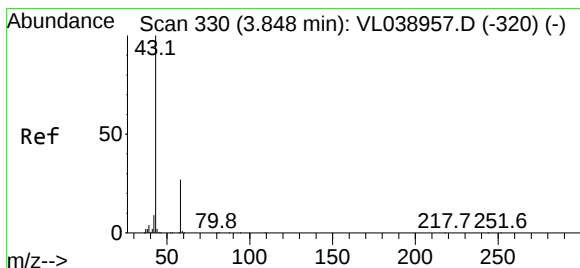
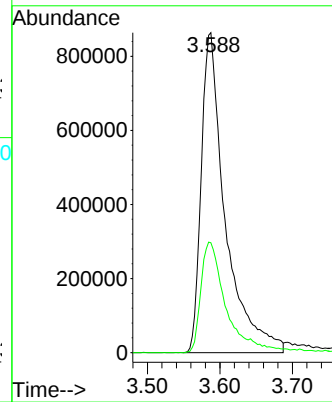
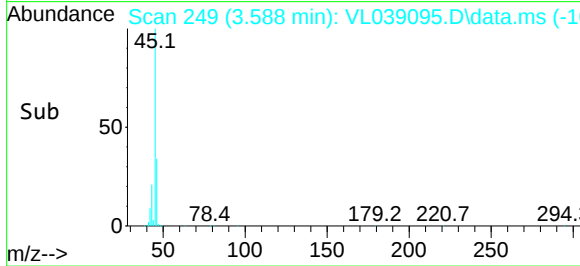
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



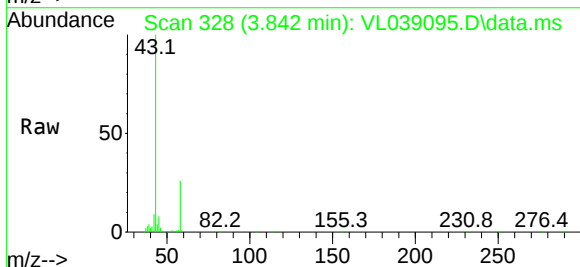
Tgt Ion: 45 Resp: 1989230
Ion Ratio Lower Upper
45 100
46 37.6 18.0 72.2

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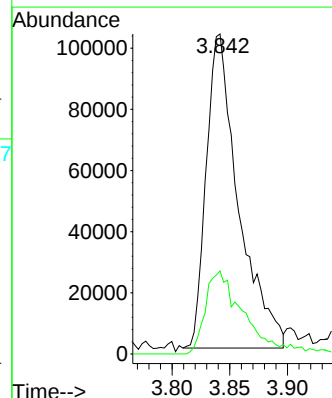
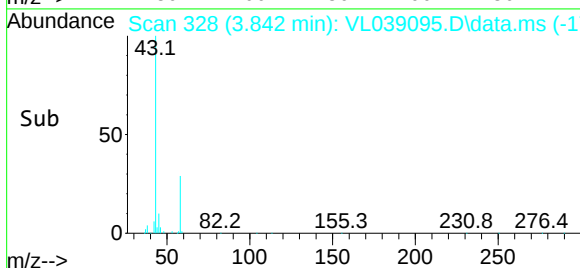
Reviewed By :Semsettin Yesilyurt 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

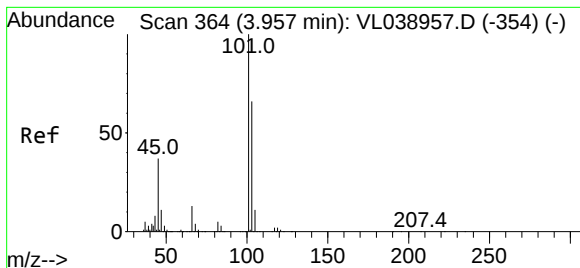


#15
Acetone
Concen: 1.859 ppbv
RT: 3.842 min Scan# 328
Delta R.T. -0.006 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24



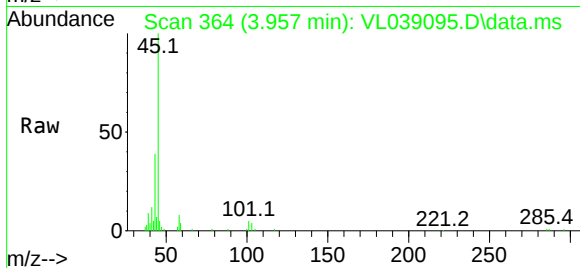
Tgt Ion: 43 Resp: 199430
Ion Ratio Lower Upper
43 100
58 32.0 21.3 31.9





#19
Isopropyl Alcohol
Concen: 1.538 ppbv m
RT: 3.957 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

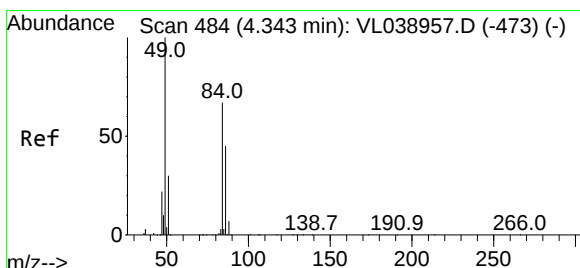
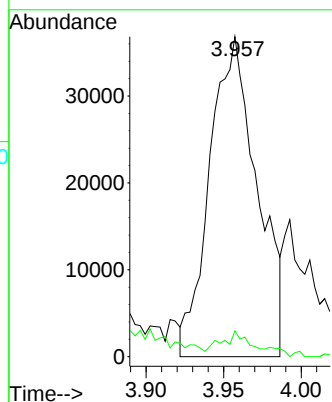
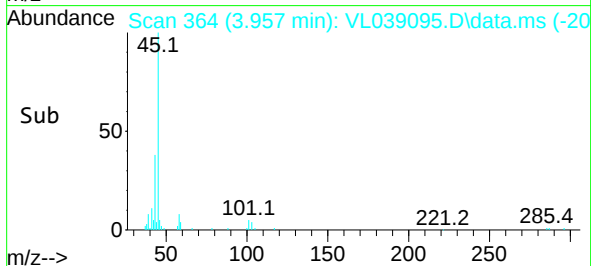
Instrument :
MSVOA_L
ClientSampleId :
AP-2DL



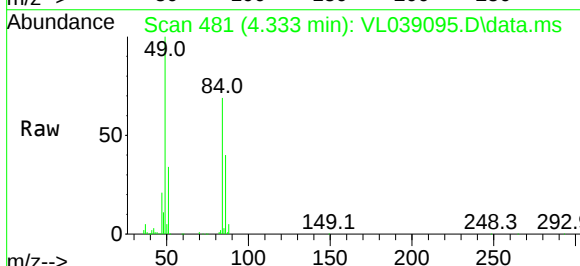
Tgt Ion: 45 Resp: 7842
Ion Ratio Lower Upper
45 100
58 5.6 1.4 2.2

Manual Integrations
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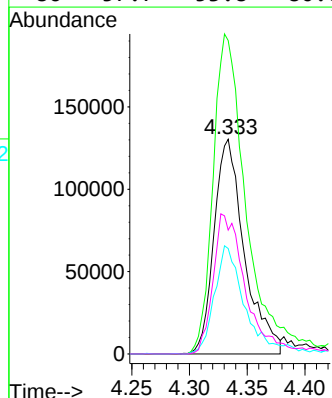
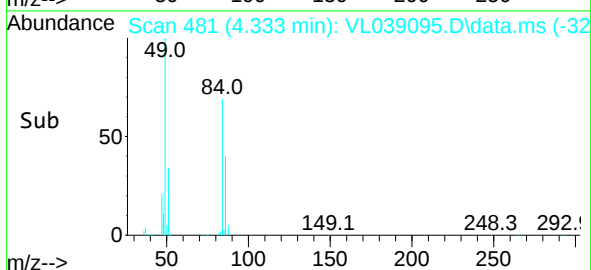
Reviewed By :Semsettin Yesilyurt 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

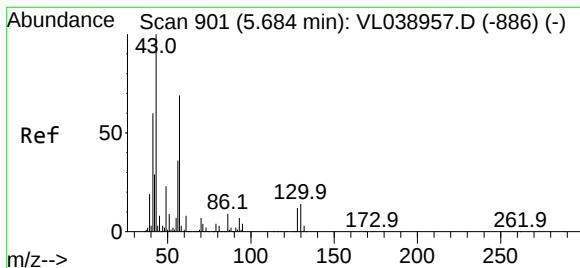


#20
Methylene Chloride
Concen: 5.911 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.009 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24



Tgt Ion: 84 Resp: 238991
Ion Ratio Lower Upper
84 100
49 146.0 119.9 179.9
51 49.1 35.7 53.5
86 57.7 53.8 80.6





#26

Hexane

Concen: 1.605 ppbv

RT: 5.671 min Scan# 897

Delta R.T. -0.013 min

Lab File: VL039095.D

Acq: 23 May 2022 22:24

Instrument :

MSVOA_L

ClientSampleId :

AP-2DL

Tgt Ion: 57 Resp: 18315

Ion Ratio Lower Upper

57 100

41 92.1 75.2 112.8

43 82.1 190.8 286.2

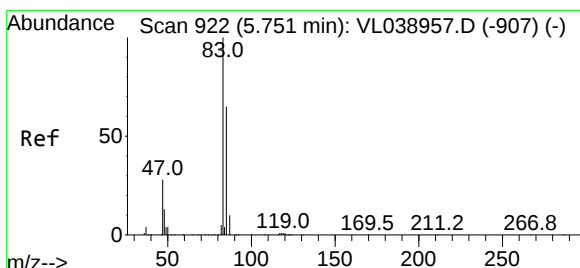
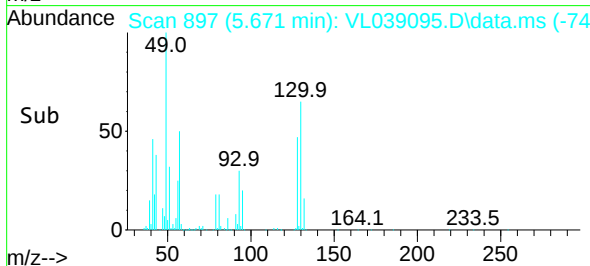
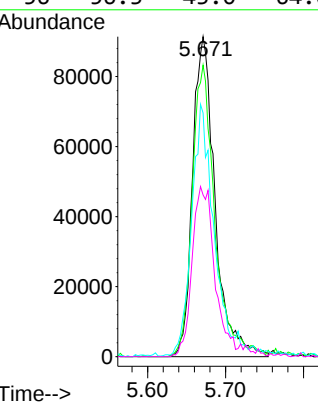
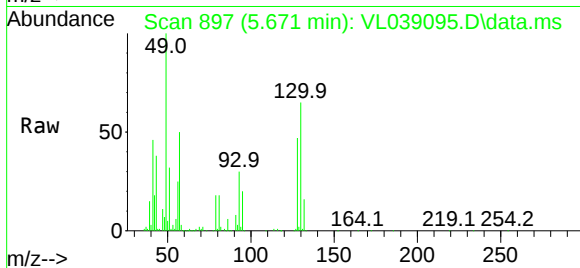
56 56.3 43.0 64.6

Manual Integrations

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#29

Chloroform

Concen: 0.502 ppbv

RT: 5.735 min Scan# 917

Delta R.T. -0.016 min

Lab File: VL039095.D

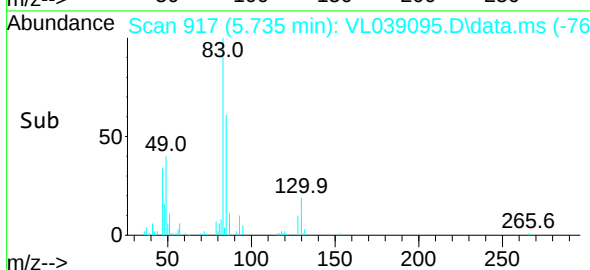
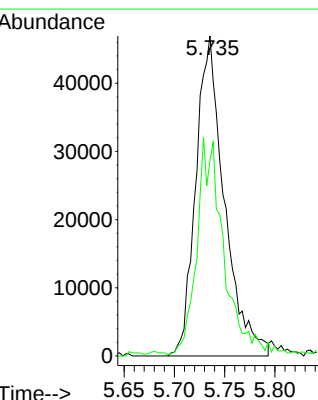
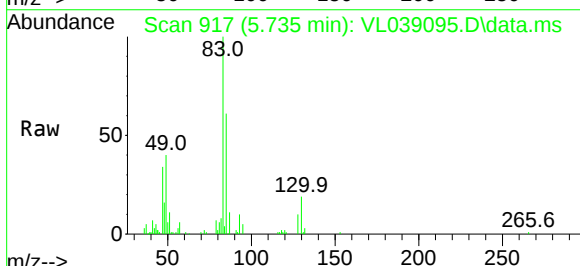
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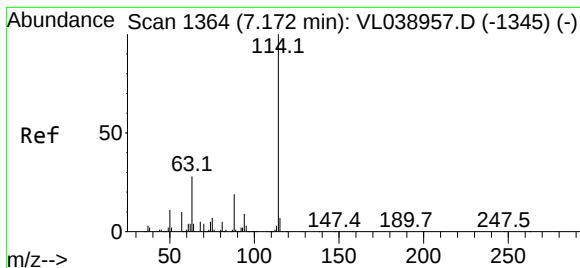
Tgt Ion: 83 Resp: 92572

Ion Ratio Lower Upper

83 100

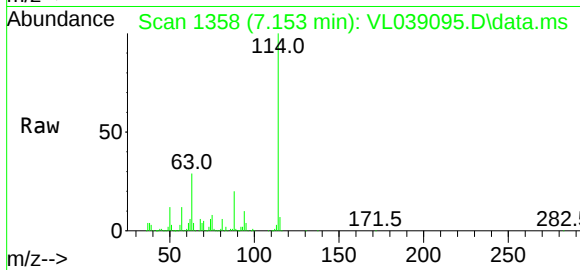
85 60.7 51.8 77.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

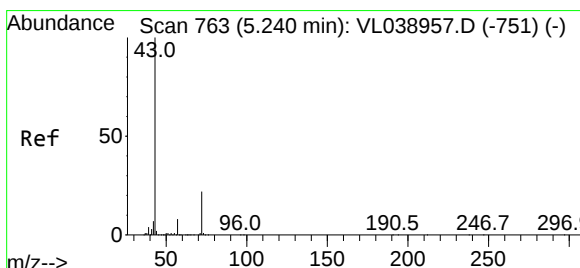
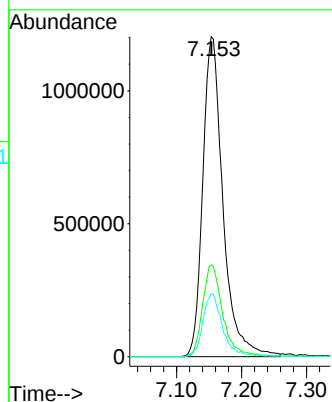
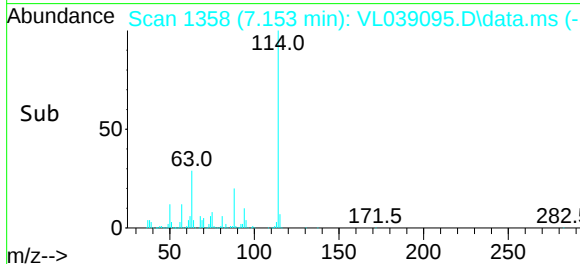
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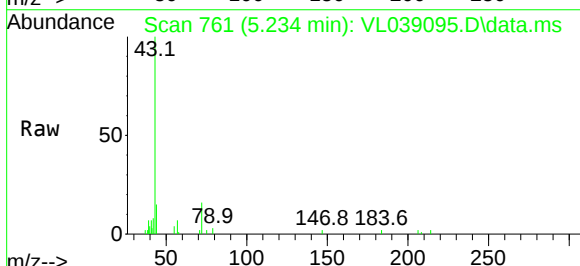
Tgt Ion:114 Resp: 2604884
Ion Ratio Lower Upper
114 100
63 29.1 22.6 33.8
88 19.4 15.4 23.0

Manual Integrations
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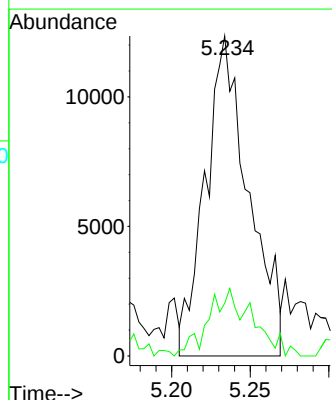
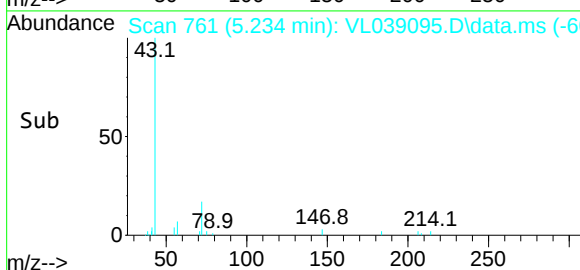
Reviewed By :Semsettin Yesilyurt 06/08/2022
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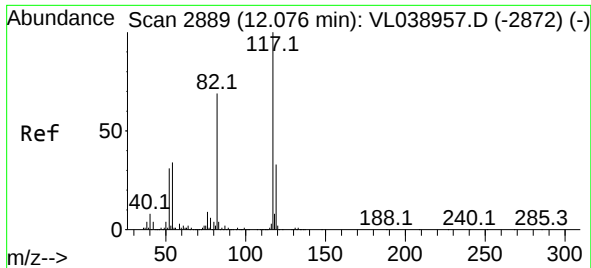


#34
2-Butanone
Concen: 0.178 ppbv m
RT: 5.234 min Scan# 761
Delta R.T. -0.006 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24



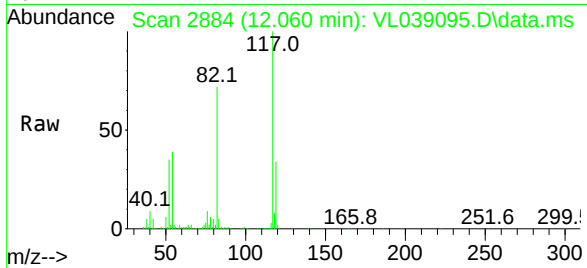
Tgt Ion: 43 Resp: 23645
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.060 min Scan# 217490
Delta R.T. -0.016 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24

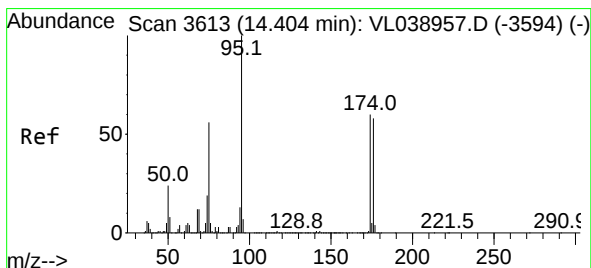
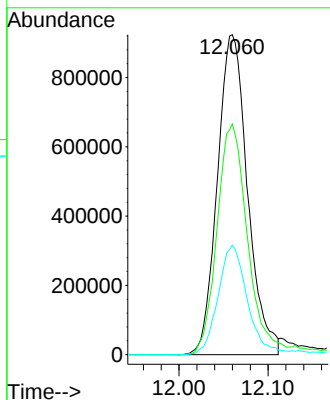
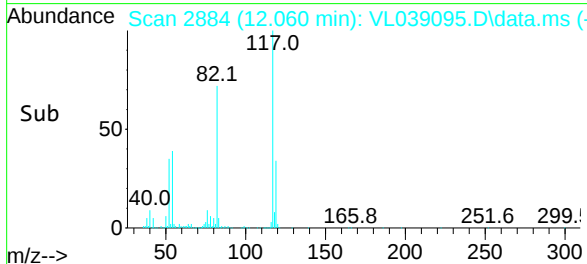
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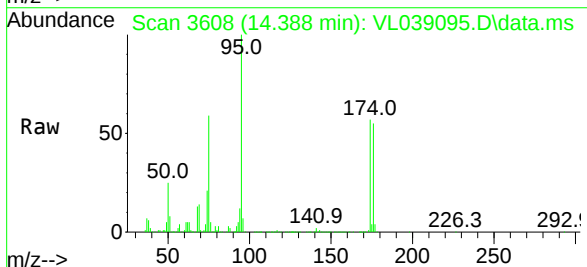
Tgt Ion: 117 Resp: 217490
Ion Ratio Lower Upper
117 100
82 76.7 57.0 85.6
119 34.7 27.2 40.8

Manual Integrations
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Supervised By :Mahesh Dadoda 06/08/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.644 ppbv
RT: 14.388 min Scan# 3608
Delta R.T. -0.016 min
Lab File: VL039095.D
Acq: 23 May 2022 22:24



Tgt Ion: 95 Resp: 1833259
Ion Ratio Lower Upper
95 100
174 62.0 50.8 76.2
175 4.5 3.8 5.6

