

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039266.D
 Acq On : 14 Jun 2022 00:40
 Operator : SY/AP
 Sample : N3306-03DL 5X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:35:57 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.671	49	1258014	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.176	114	2871692	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.085	117	2407087	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.417	95	2012671	10.114	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.989	51	22417	0.140	ppbv #	80
9) Propene	3.031	41	65343m	0.936	ppbv	
13) Ethanol	3.607	45	114531m	30.090	ppbv	
15) Acetone	3.858	43	452578	3.454	ppbv	91
19) Isopropyl Alcohol	3.973	45	334256	5.438	ppbv #	89
20) Methylene Chloride	4.343	84	62878	1.139	ppbv	85
26) Hexane	5.693	57	48891	0.377	ppbv #	63
52) Tetrachloroethene	11.217	164	16399m	0.180	ppbv	
53) Toluene	9.812	91	34767m	0.130	ppbv	

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

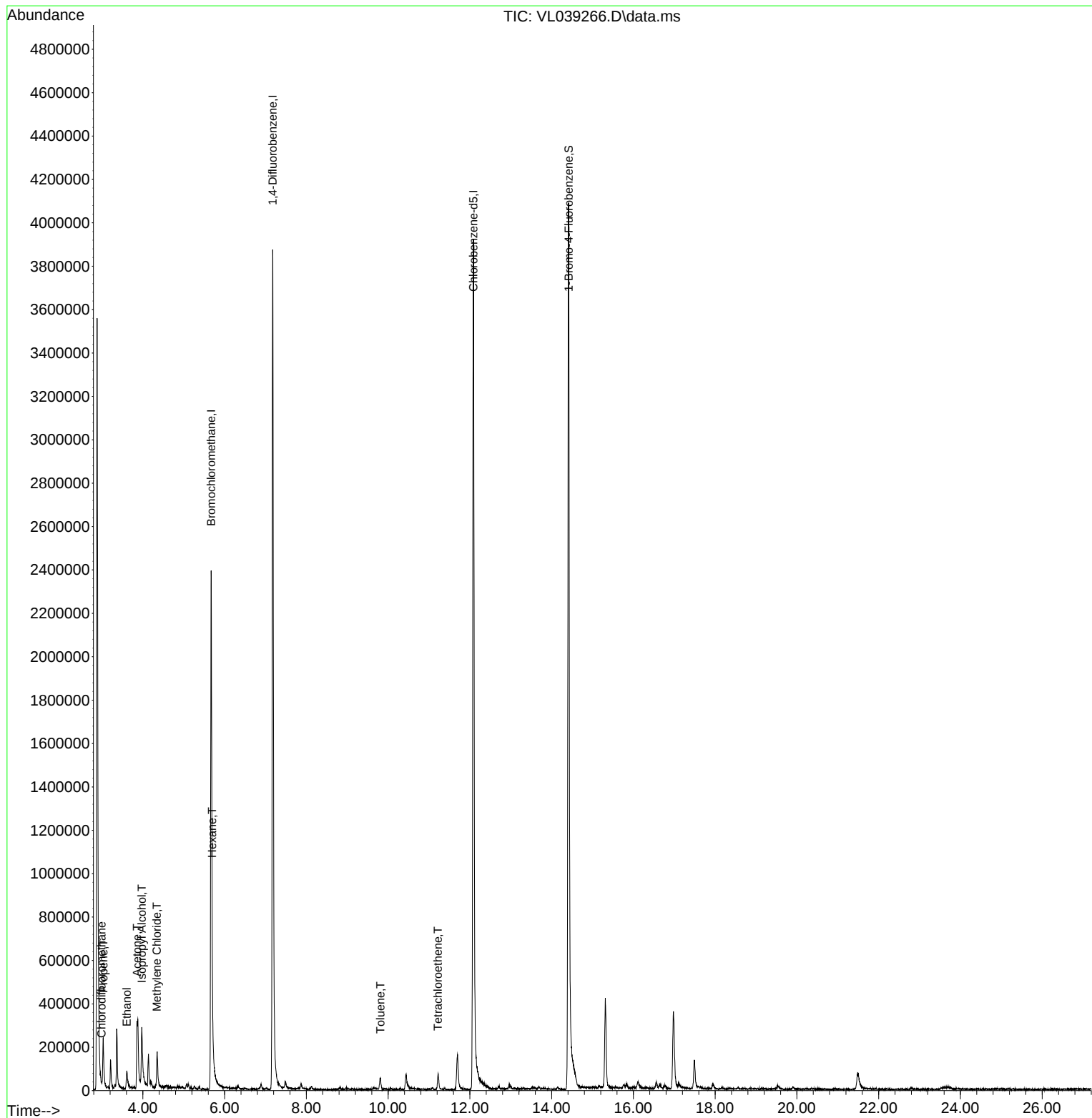
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
Data File : VL039266.D
Acq On : 14 Jun 2022 00:40
Operator : SY/AP
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Misc : 400mL/MSVOA_L
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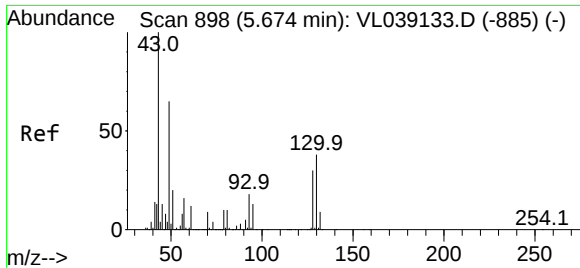
Instrument :
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ClientSampleId :
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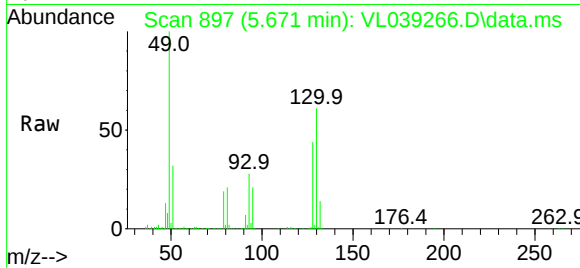
Quant Time: Jun 14 01:35:57 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

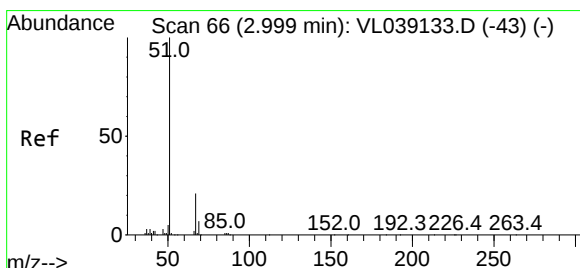
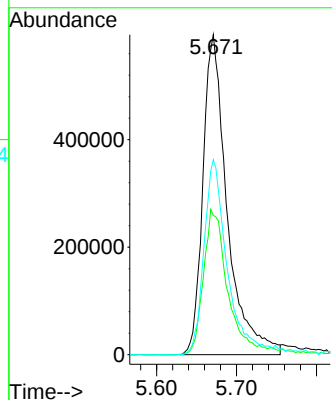
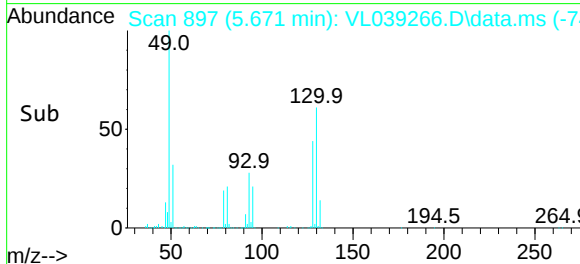
Instrument :
MSVOA_L
ClientSampleId :
A-1DL



Tgt Ion: 49 Resp: 1258014
Ion Ratio Lower Upper
49 100
128 47.1 24.7 74.1
130 60.8 31.4 94.0

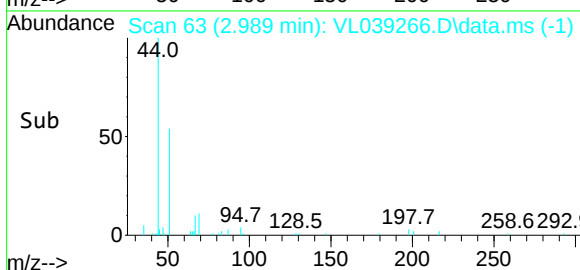
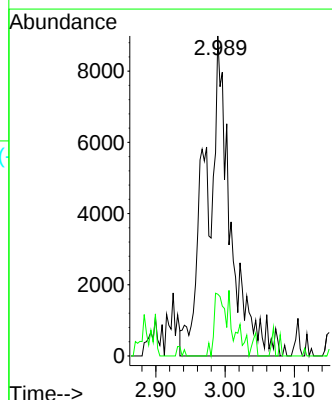
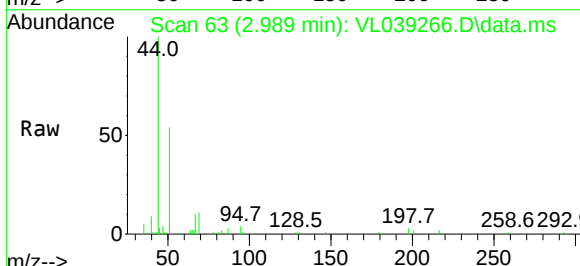
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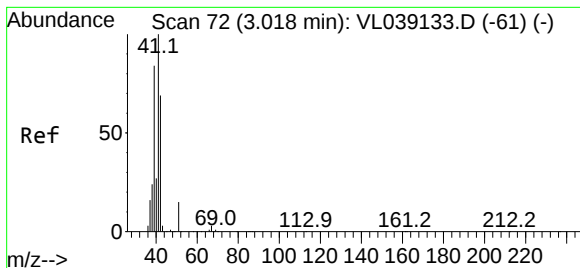
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#3
Chlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.989 min Scan# 63
Delta R.T. -0.010 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

Tgt Ion: 51 Resp: 22417
Ion Ratio Lower Upper
51 100
67 10.9 16.2 24.4





#9

Propene

Concen: 0.936 ppbv m

RT: 3.031 min Scan# 70

Delta R.T. 0.013 min

Lab File: VL039266.D

Acq: 14 Jun 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

A-1DL

Tgt Ion: 41 Resp: 6534

Ion Ratio Lower Upper

41 100

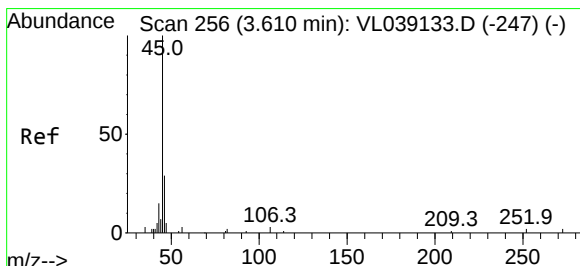
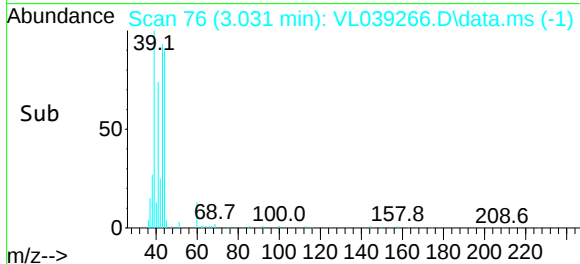
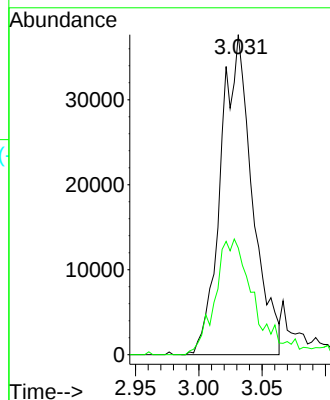
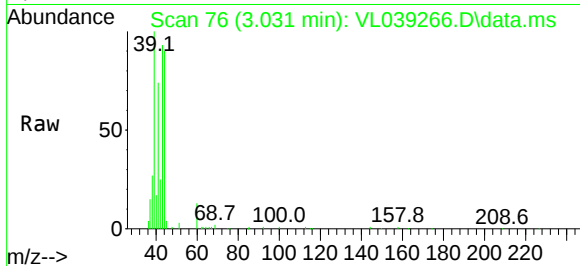
42 46.3 55.4 83.2

Manual Integrations

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Supervised By :Mahesh Dadoda 06/16/2022



#13

Ethanol

Concen: 30.090 ppbv m

RT: 3.607 min Scan# 255

Delta R.T. -0.003 min

Lab File: VL039266.D

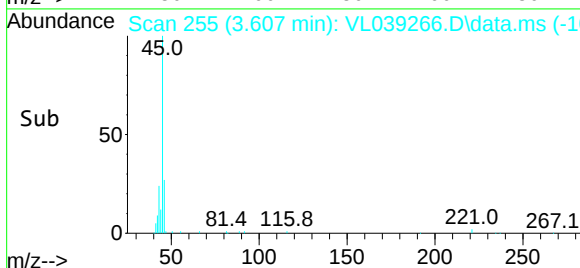
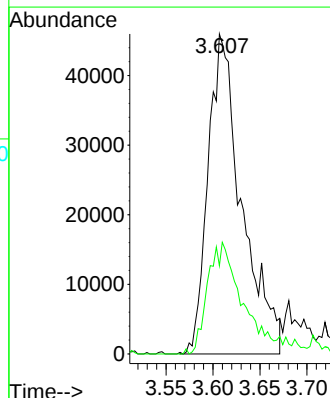
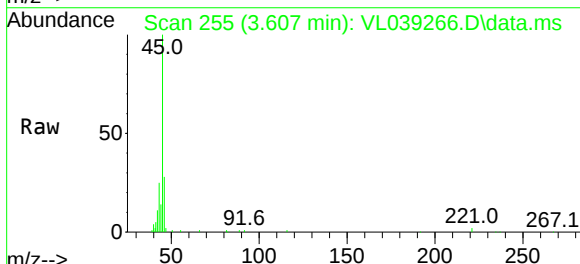
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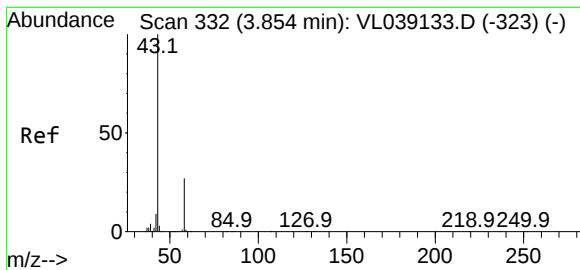
Tgt Ion: 45 Resp: 114531

Ion Ratio Lower Upper

45 100

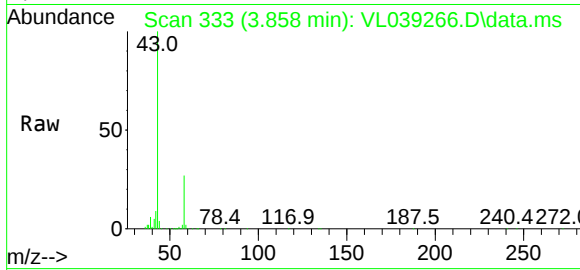
46 39.8 0.0 0.0





#15
Acetone
Concen: 3.454 ppbv
RT: 3.858 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

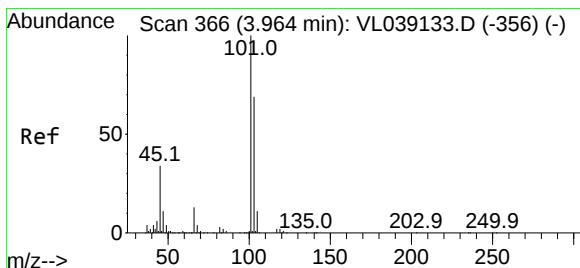
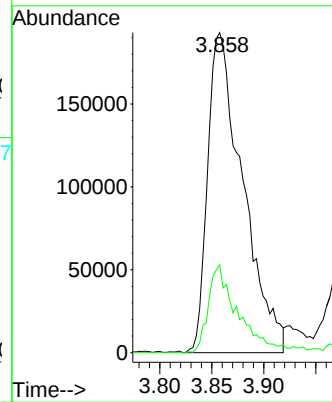
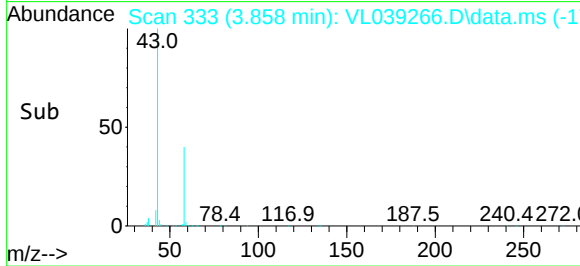
Instrument :
MSVOA_L
ClientSampleId :
A-1DL



Tgt Ion: 43 Resp: 452578
Ion Ratio Lower Upper
43 100
58 23.6 22.5 33.7

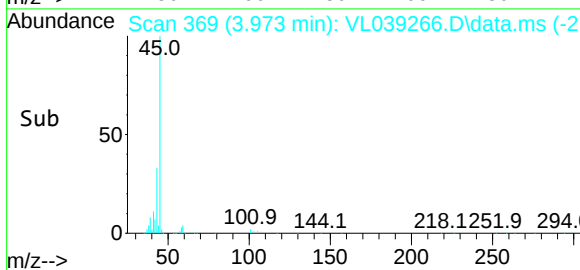
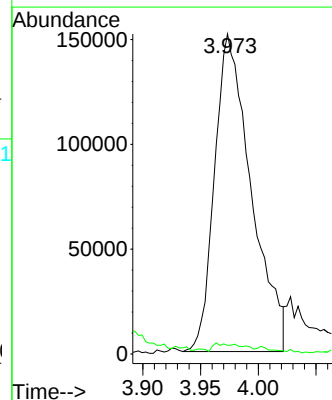
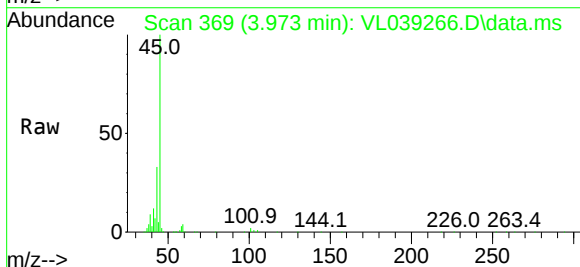
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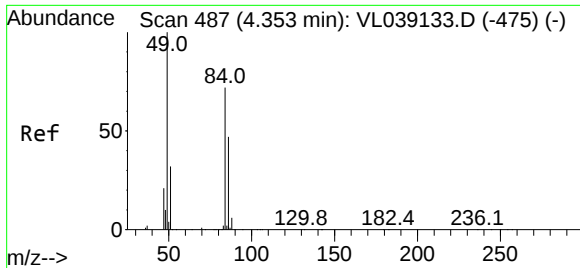
Reviewed By :Semsettin Yesilyurt 06/14/2022
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#19
Isopropyl Alcohol
Concen: 5.438 ppbv
RT: 3.973 min Scan# 369
Delta R.T. 0.010 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

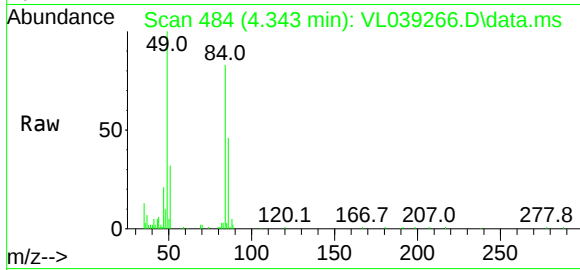
Tgt Ion: 45 Resp: 334256
Ion Ratio Lower Upper
45 100
58 6.2 1.8 2.8#





#20
Methylene Chloride
Concen: 1.139 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

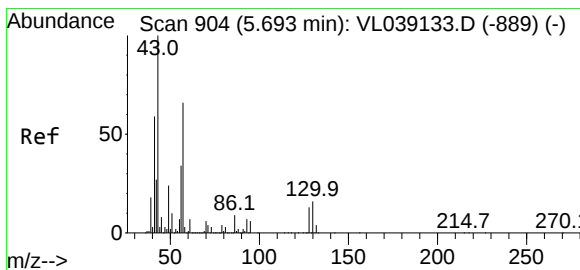
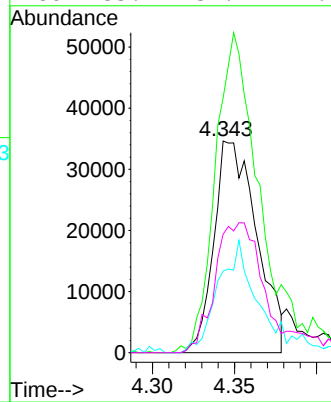
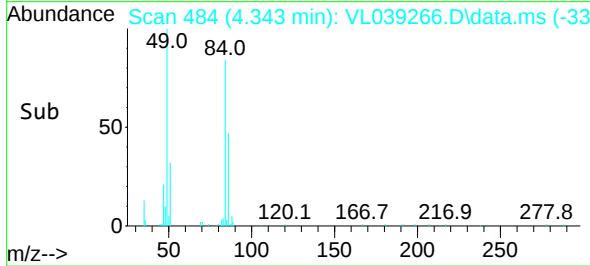
Instrument :
MSVOA_L
ClientSampleId :
A-1DL



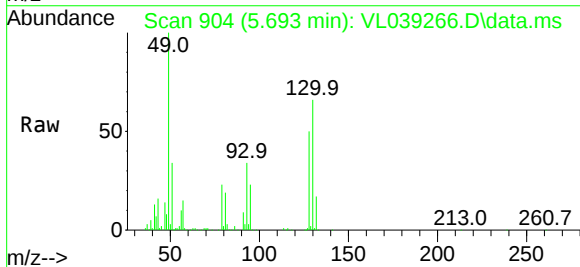
Tgt Ion: 84 Resp: 62878
Ion Ratio Lower Upper
84 100
49 117.2 111.1 166.7
51 38.5 35.3 52.9
86 55.9 51.9 77.9

Manual Integrations
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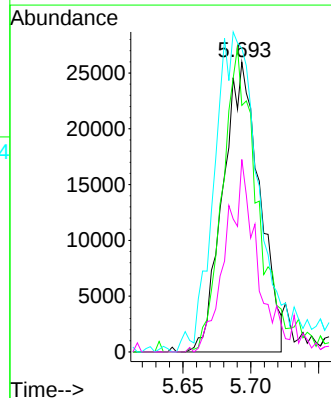
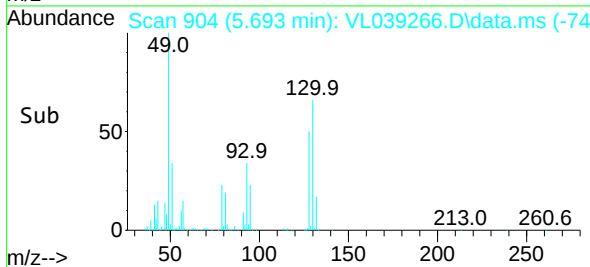
Reviewed By :Semsettin Yesilyurt 06/14/2022
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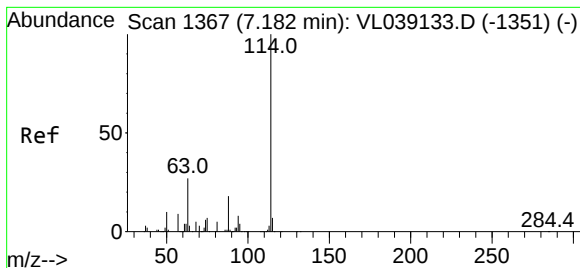


#26
Hexane
Concen: 0.377 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40



Tgt Ion: 57 Resp: 48891
Ion Ratio Lower Upper
57 100
41 105.3 72.4 108.6
43 147.8 187.0 280.6
56 59.4 41.8 62.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.176 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039266.D

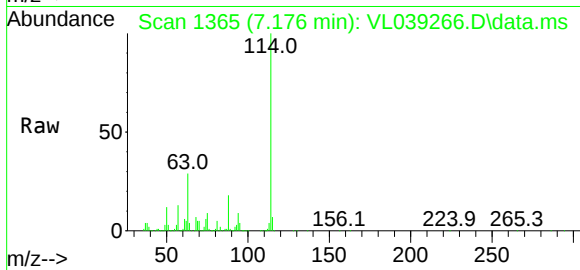
Acq: 14 Jun 2022 00:40

Instrument :

MSVOA_L

ClientSampleId :

A-1DL



Tgt Ion:114 Resp: 287169

Ion Ratio Lower Upper

114 100

63 29.8 21.7 32.5

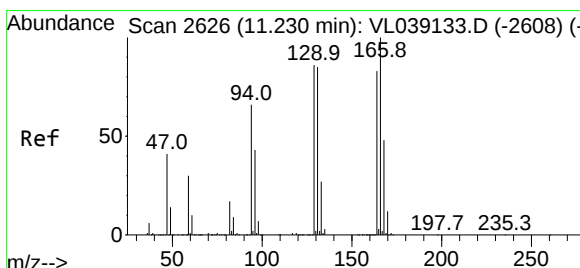
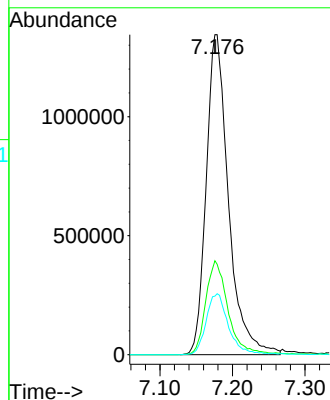
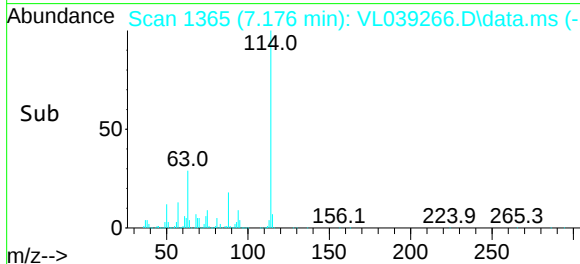
88 19.4 14.8 22.2

Manual Integrations

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#52

Tetrachloroethene

Concen: 0.180 ppbv m

RT: 11.217 min Scan# 2622

Delta R.T. -0.013 min

Lab File: VL039266.D

Acq: 14 Jun 2022 00:40

Tgt Ion:164 Resp: 16399

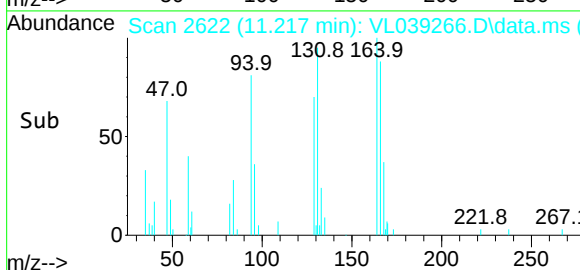
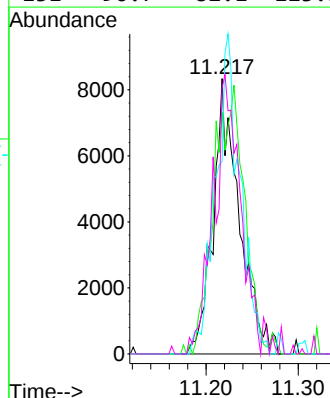
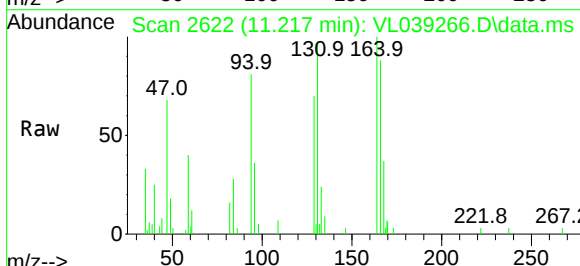
Ion Ratio Lower Upper

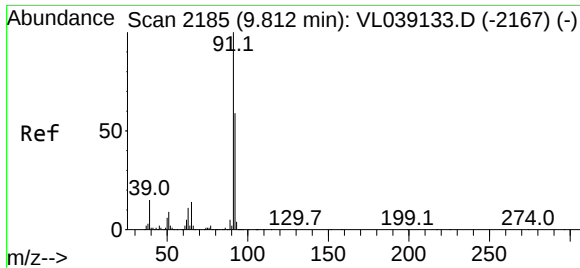
164 100

166 87.7 96.3 144.5#

129 69.9 82.5 123.7#

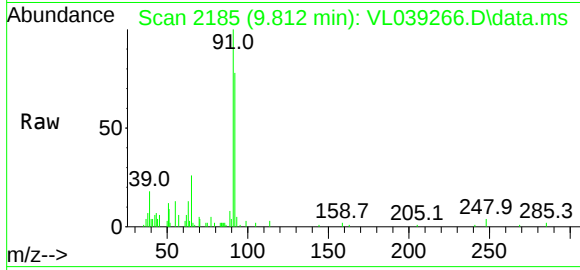
131 96.7 82.1 123.1





#53
Toluene
Concen: 0.130 ppbv m
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40

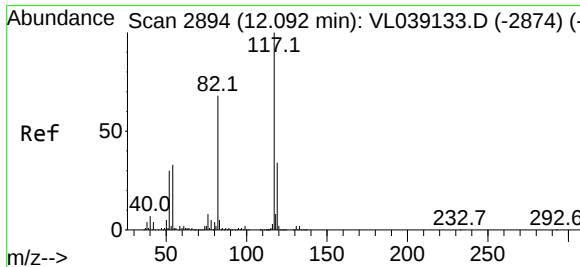
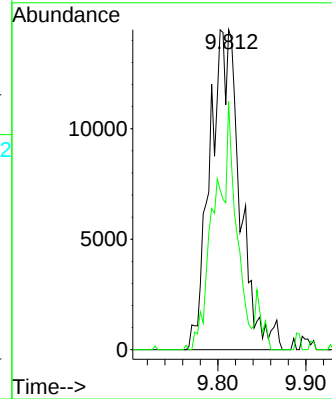
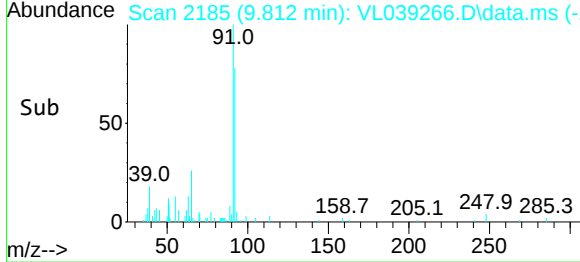
Instrument :
MSVOA_L
ClientSampleId :
A-1DL



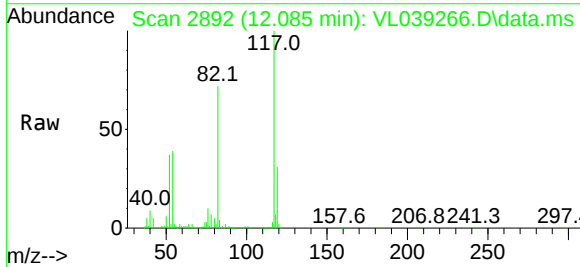
Tgt Ion: 91 Resp: 3476
Ion Ratio Lower Upper
91 100
92 0.0 48.1 72.1

Manual Integrations
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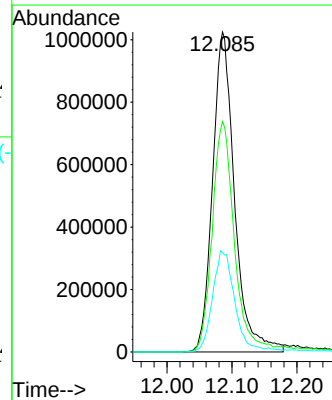
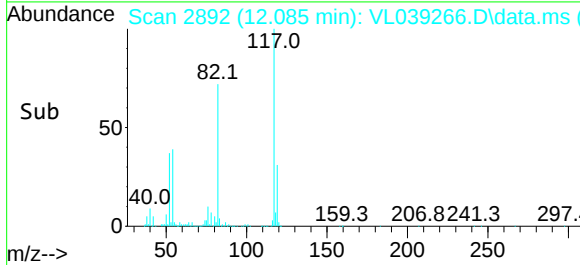
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

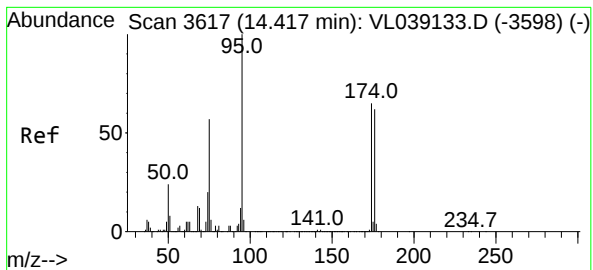


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.006 min
Lab File: VL039266.D
Acq: 14 Jun 2022 00:40



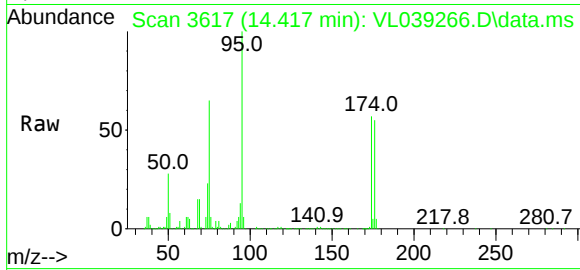
Tgt Ion:117 Resp: 2407087
Ion Ratio Lower Upper
117 100
82 75.5 55.1 82.7
119 33.2 24.7 37.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.114 ppbv
 RT: 14.417 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL039266.D
 Acq: 14 Jun 2022 00:40

Instrument :
 MSVOA_L
 ClientSampleId :
 A-1DL



Tgt Ion: 95 Resp: 201267

Ion	Ratio	Lower	Upper
95	100		
174	61.2	53.8	80.8
175	4.5	4.1	6.1

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