

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039123.D
 Acq On : 25 May 2022 18:39
 Operator : SY/AP
 Sample : N2991-02DL 200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

Quant Time: May 26 07:59:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 26 07:59:56 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	5.642	49	914104	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.144	114	2079026	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.050	117	1768835	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1534523	10.954	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 109.500%	
Target Compounds						
					Qvalue	
9) Propene	3.009	41	10799m	0.218	ppbv	
13) Ethanol	3.603	45	28048m	8.001	ppbv	
15) Acetone	3.832	43	1087605	12.613	ppbv	97
19) Isopropyl Alcohol	3.964	45	13881m	0.339	ppbv	
20) Methylene Chloride	4.324	84	98713	3.037	ppbv	96
26) Hexane	5.661	57	127789	1.394	ppbv #	37
52) Tetrachloroethene	11.188	164	3407m	0.054	ppbv	
53) Toluene	9.767	91	37990m	0.191	ppbv	
59) m/p-Xylene	12.928	91	25534m	0.117	ppbv	

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

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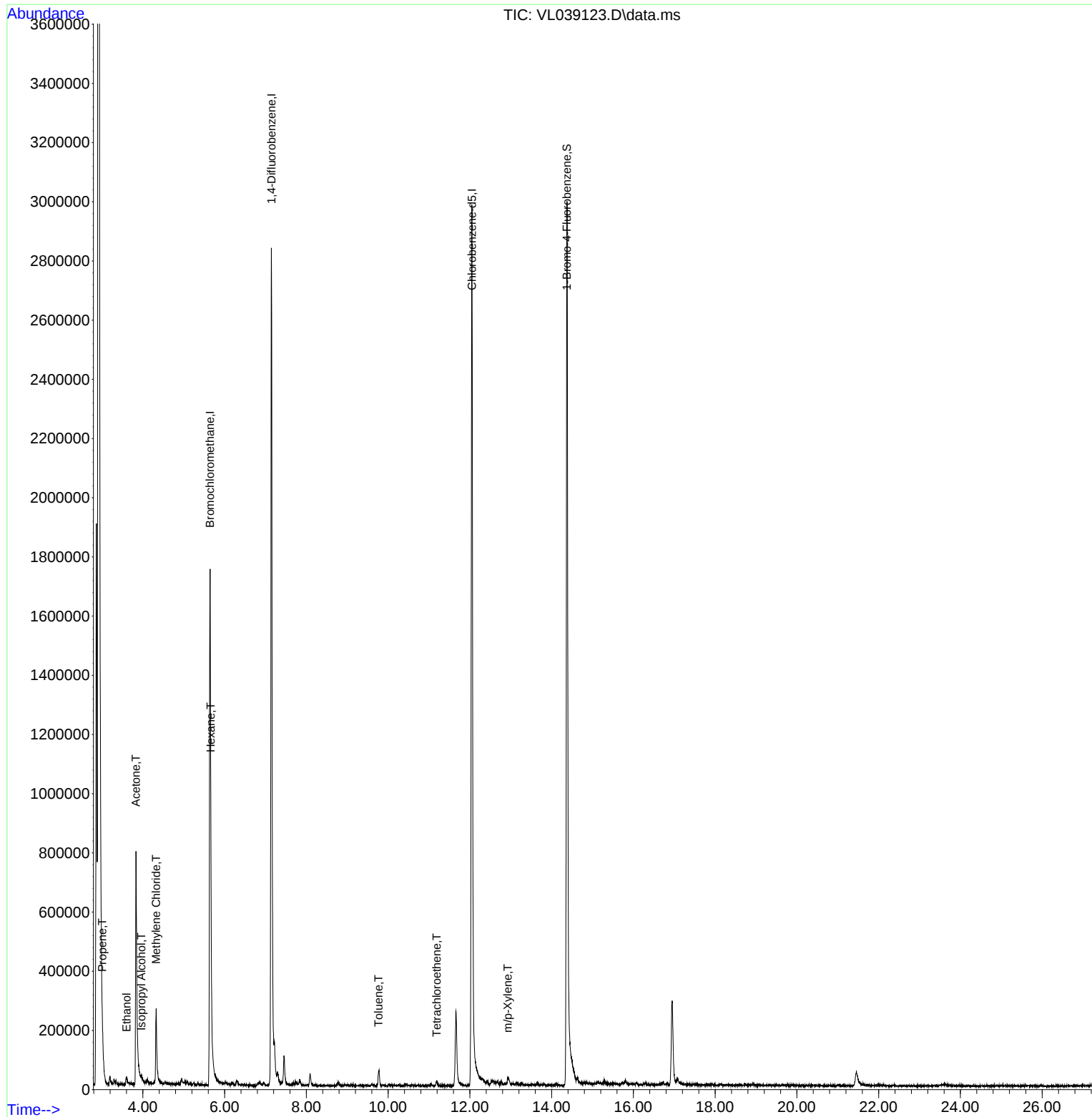
Quant Time: May 26 07:59:56 2022

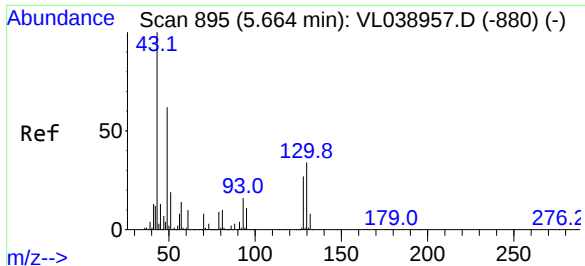
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration





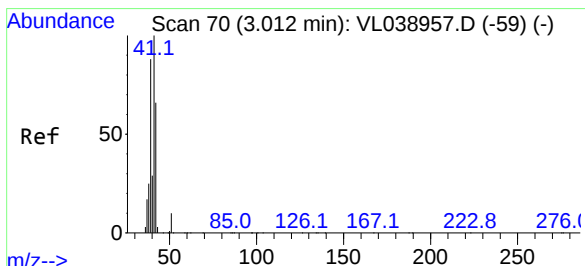
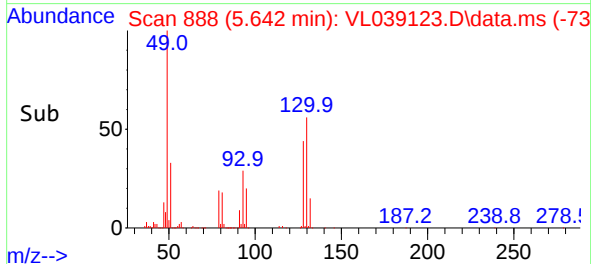
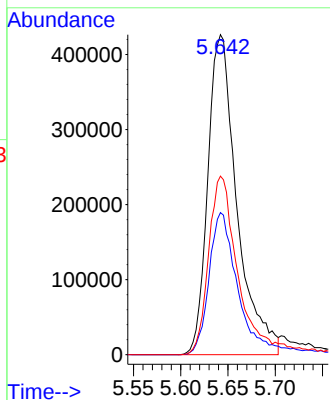
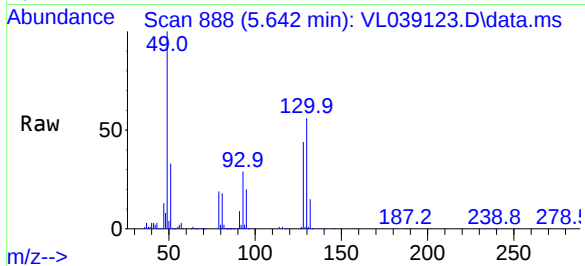
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.022 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 49 Resp: 914104
Ion Ratio Lower Upper
49 100
128 46.8 23.3 69.8
130 60.2 29.8 89.3

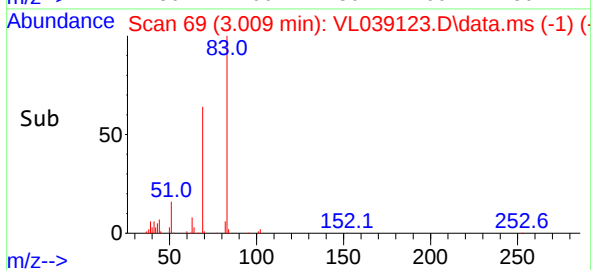
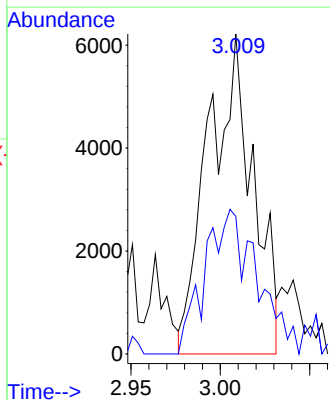
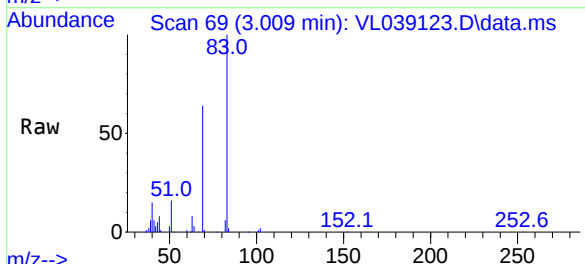
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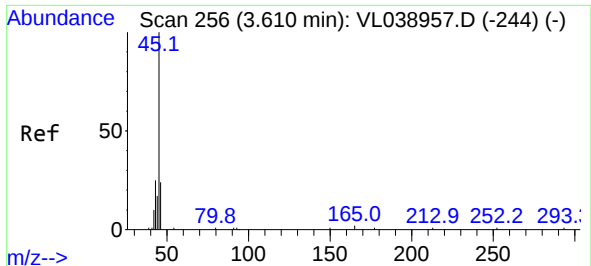
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#9
Propene
Concen: 0.218 ppbv m
RT: 3.009 min Scan# 69
Delta R.T. -0.003 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

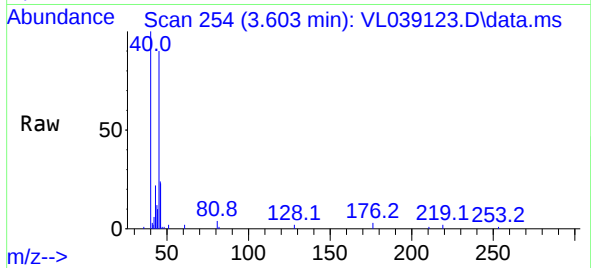
Tgt Ion: 41 Resp: 10799
Ion Ratio Lower Upper
41 100
42 0.0 58.3 87.5#





#13
Ethanol
Concen: 8.001 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

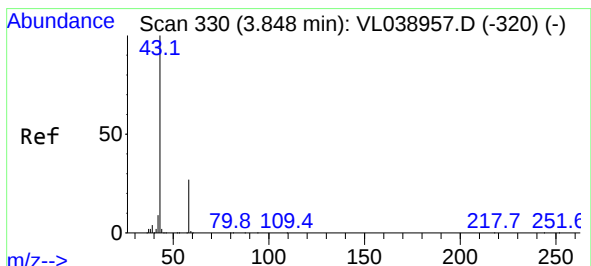
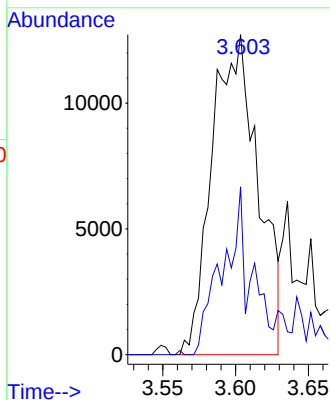
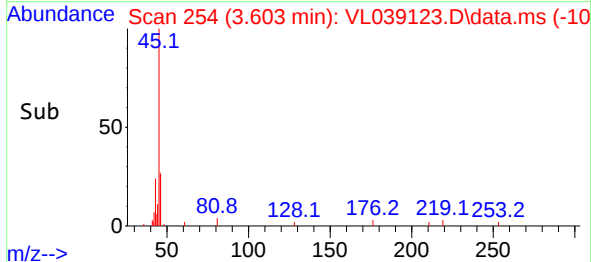
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



Tgt Ion: 45 Resp: 2804
Ion Ratio Lower Upper
45 100
46 39.2 18.0 72.2

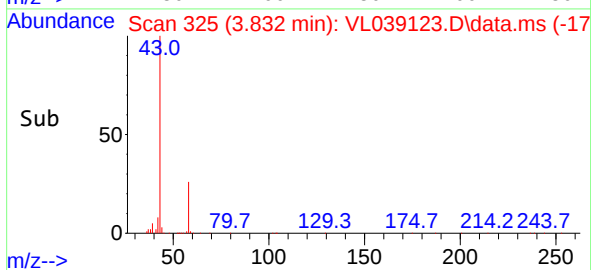
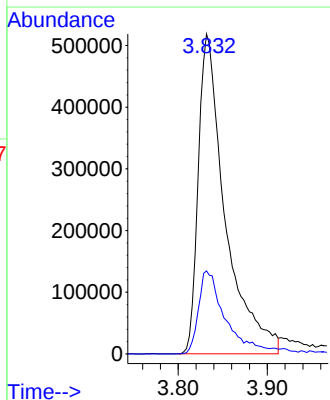
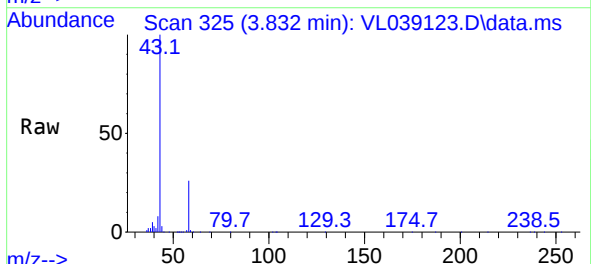
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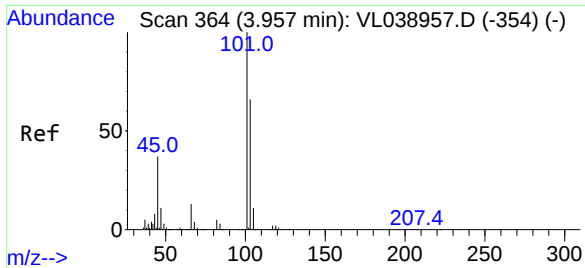
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#15
Acetone
Concen: 12.613 ppbv
RT: 3.832 min Scan# 325
Delta R.T. -0.016 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

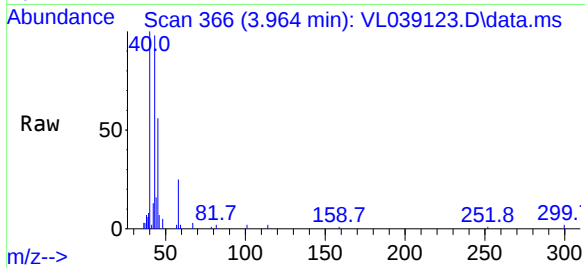
Tgt Ion: 43 Resp: 1087605
Ion Ratio Lower Upper
43 100
58 28.3 21.3 31.9





#19
Isopropyl Alcohol
Concen: 0.339 ppbv m
RT: 3.964 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

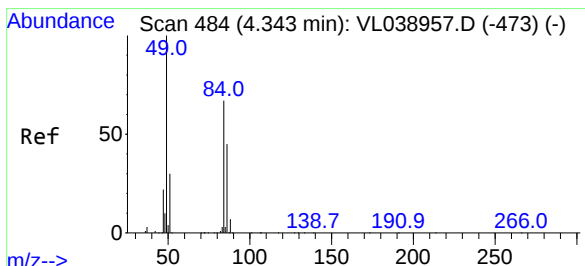
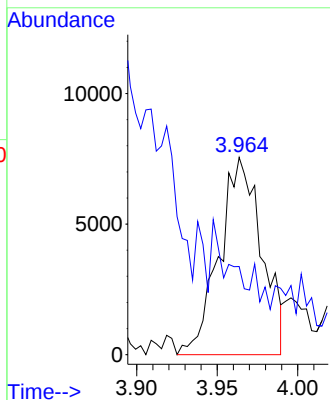
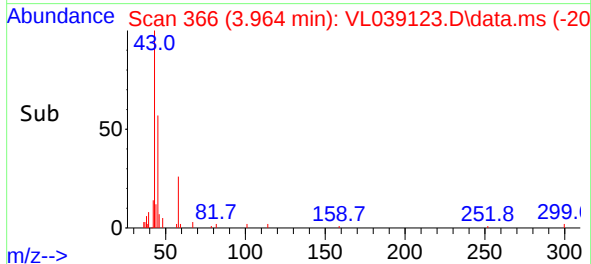
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



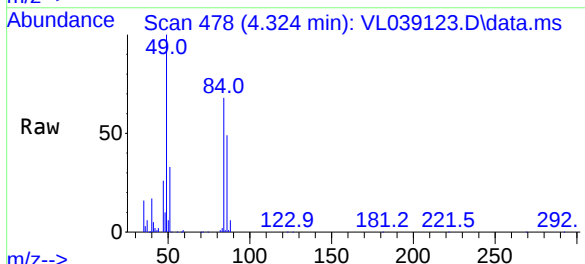
Tgt Ion: 45 Resp: 1388
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2

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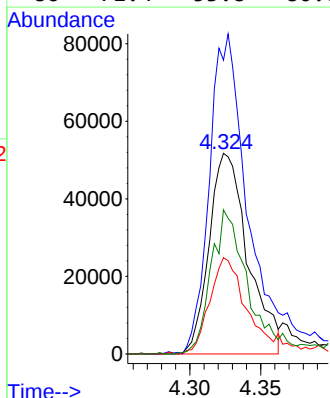
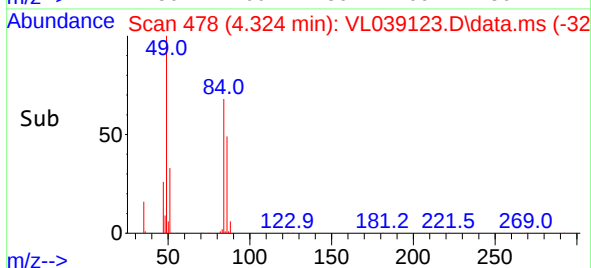
Reviewed By :Semsettin Yesilyurt 05/27/2022
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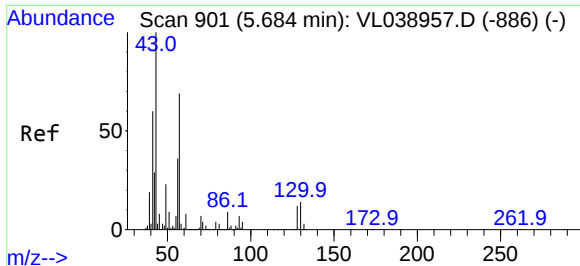


#20
Methylene Chloride
Concen: 3.037 ppbv
RT: 4.324 min Scan# 478
Delta R.T. -0.019 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39



Tgt Ion: 84 Resp: 98713
Ion Ratio Lower Upper
84 100
49 145.7 119.9 179.9
51 48.0 35.7 53.5
86 71.4 53.8 80.6





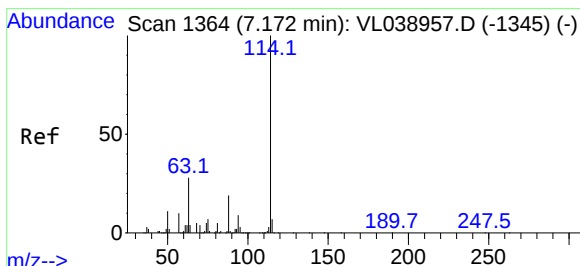
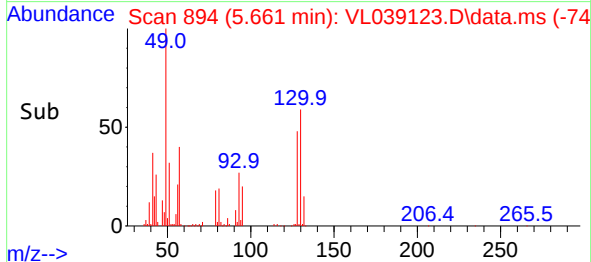
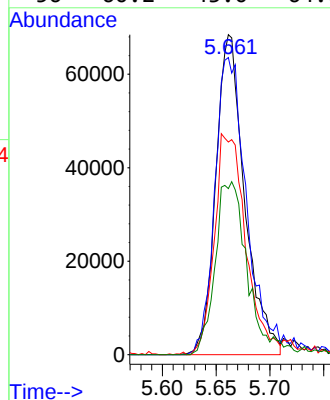
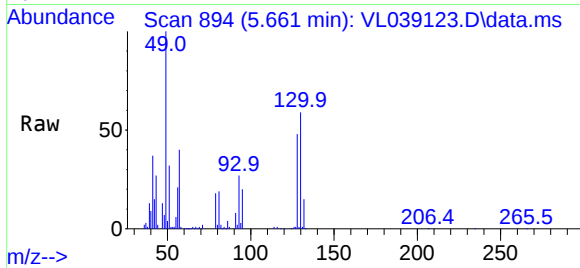
#26
Hexane
Concen: 1.394 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.022 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

Instrument :
MSVOA_L
ClientSampleId :
SG-1DL

Tgt Ion: 57 Resp: 127789
Ion Ratio Lower Upper
57 100
41 105.9 75.2 112.8
43 77.2 190.8 286.2
56 60.2 43.0 64.6

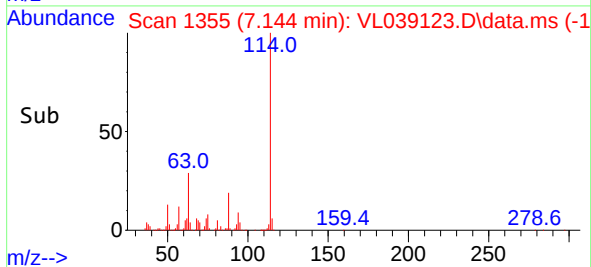
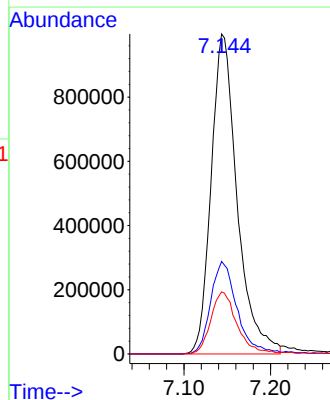
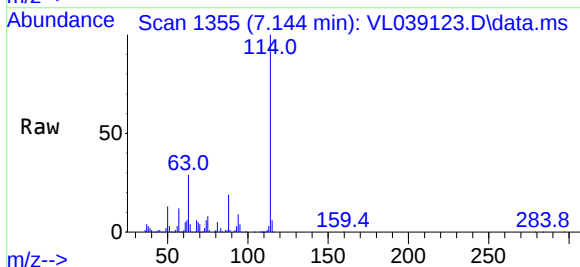
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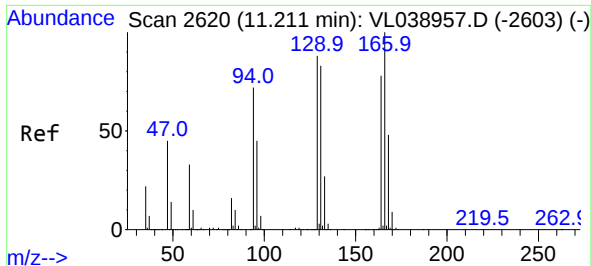
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.144 min Scan# 1355
Delta R.T. -0.029 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

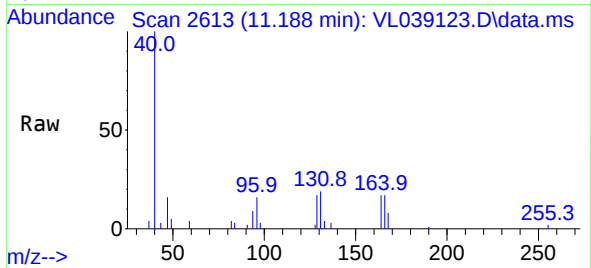
Tgt Ion:114 Resp: 2079026
Ion Ratio Lower Upper
114 100
63 30.1 22.6 33.8
88 20.0 15.4 23.0





#52
Tetrachloroethene
Concen: 0.054 ppbv m
RT: 11.188 min Scan# 2163
Delta R.T. -0.022 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39

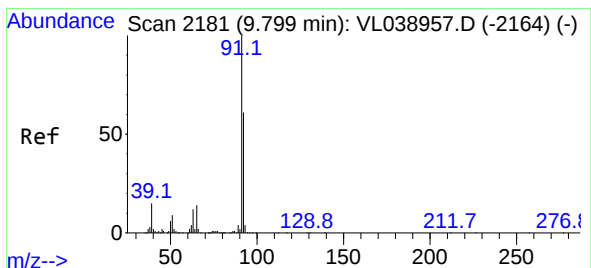
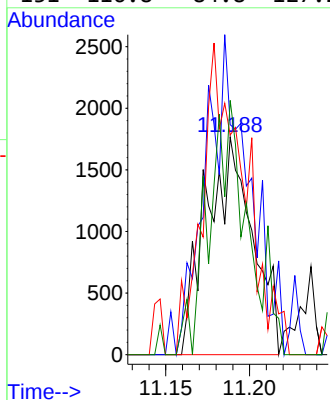
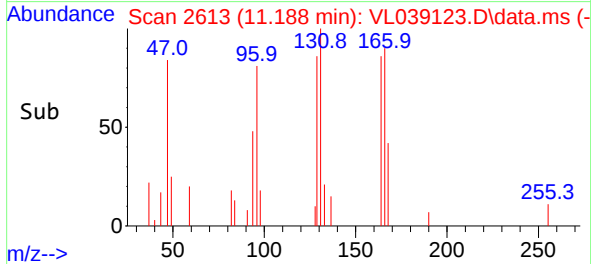
Instrument :
MSVOA_L
ClientSampleId :
SG-1DL



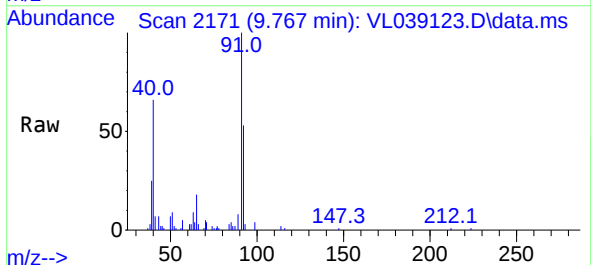
Tgt Ion:164 Resp: 340
Ion Ratio Lower Upper
164 100
166 105.7 102.5 153.7
129 101.0 90.1 135.1
131 116.8 84.8 127.2

Manual Integrations
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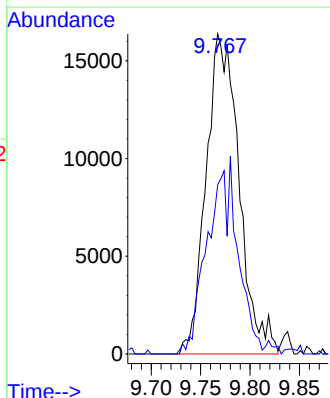
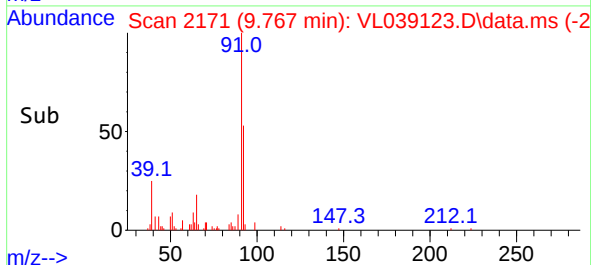
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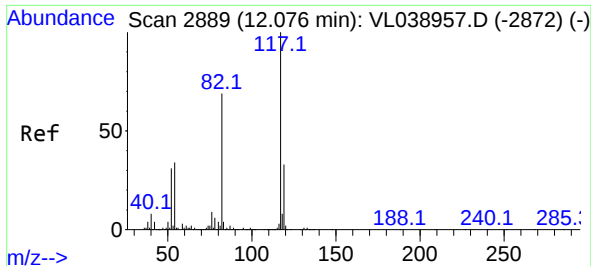


#53
Toluene
Concen: 0.191 ppbv m
RT: 9.767 min Scan# 2171
Delta R.T. -0.032 min
Lab File: VL039123.D
Acq: 25 May 2022 18:39



Tgt Ion: 91 Resp: 37990
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.050 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL039123.D

Acq: 25 May 2022 18:39

Instrument :

MSVOA_L

ClientSampleId :

SG-1DL

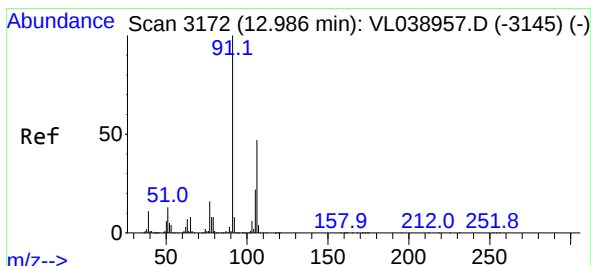
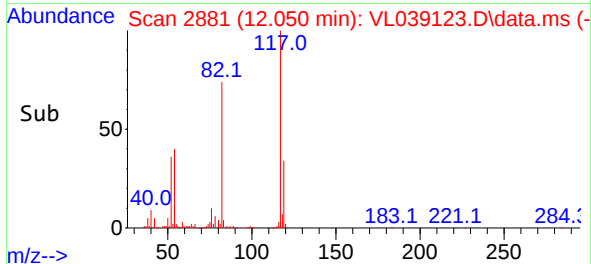
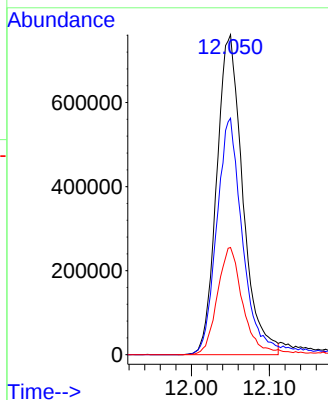
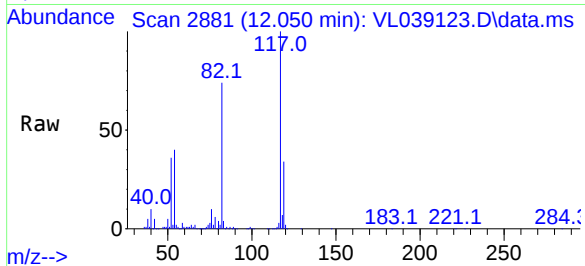
Tgt Ion:117 Resp: 176883

Ion	Ratio	Lower	Upper
117	100		
82	75.8	57.0	85.6
119	34.1	27.2	40.8

Manual Integrations

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Supervised By :Mahesh Dadoda 05/27/2022



#59

m/p-Xylene

Concen: 0.117 ppbv m

RT: 12.928 min Scan# 3154

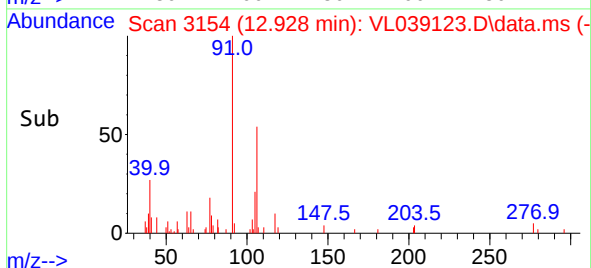
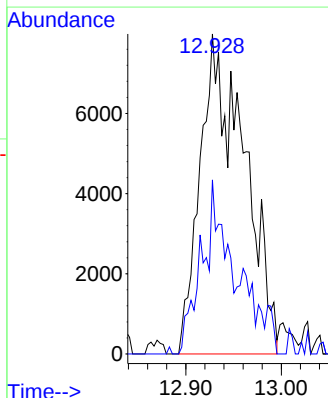
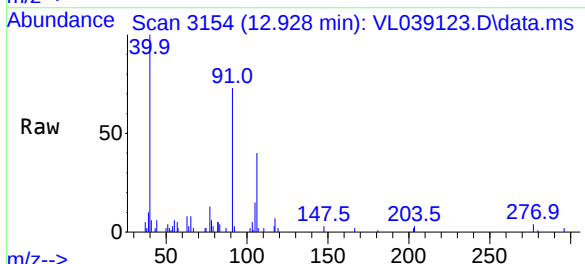
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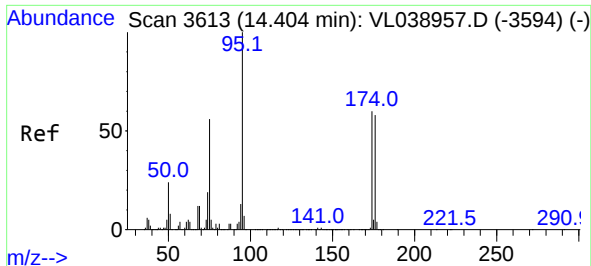
Lab File: VL039123.D

Acq: 25 May 2022 18:39

Tgt Ion: 91 Resp: 25534

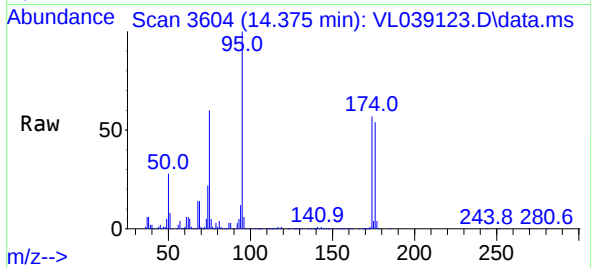
Ion	Ratio	Lower	Upper
91	100		
106	0.0	34.6	52.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.954 ppbv
 RT: 14.375 min Scan# 30
 Delta R.T. -0.029 min
 Lab File: VL039123.D
 Acq: 25 May 2022 18:39

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1DL



Tgt Ion: 95 Resp: 153452

Ion	Ratio	Lower	Upper
95	100		
174	56.6	50.8	76.2
175	4.2	3.8	5.6

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