

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039122.D
 Acq On : 25 May 2022 18:00
 Operator : SY/AP
 Sample : N2991-01DL 100X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL

Manual Integrations
 APPROVED

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

Quant Time: May 26 07:59:46 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 26 07:59:46 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	5.639	49	898300	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.143	114	2059908	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	1807416	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.378	95	1542102	10.774	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 107.700%	
Target Compounds						
						Qvalue
9) Propene	3.005	41	16132m	0.331	ppbv	
13) Ethanol	3.590	45	80212m	23.284	ppbv	
15) Acetone	3.832	43	858167	10.127	ppbv	98
17) tert-Butyl alcohol	4.285	59	8585m	0.132	ppbv	
19) Isopropyl Alcohol	3.951	45	31944m	0.793	ppbv	
20) Methylene Chloride	4.327	84	82765m	2.592	ppbv	
26) Hexane	5.661	57	103558	1.149	ppbv #	37
36) Benzene	6.857	78	19892m	0.113	ppbv	
44) 2,2,4-Trimethylpentane	7.841	57	31466m	0.102	ppbv	
52) Tetrachloroethene	11.185	164	4356m	0.069	ppbv	
53) Toluene	9.774	91	90285m	0.457	ppbv	
59) m/p-Xylene	12.937	91	79822m	0.359	ppbv	
62) Isopropylbenzene	14.629	105	67330m	0.220	ppbv	

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

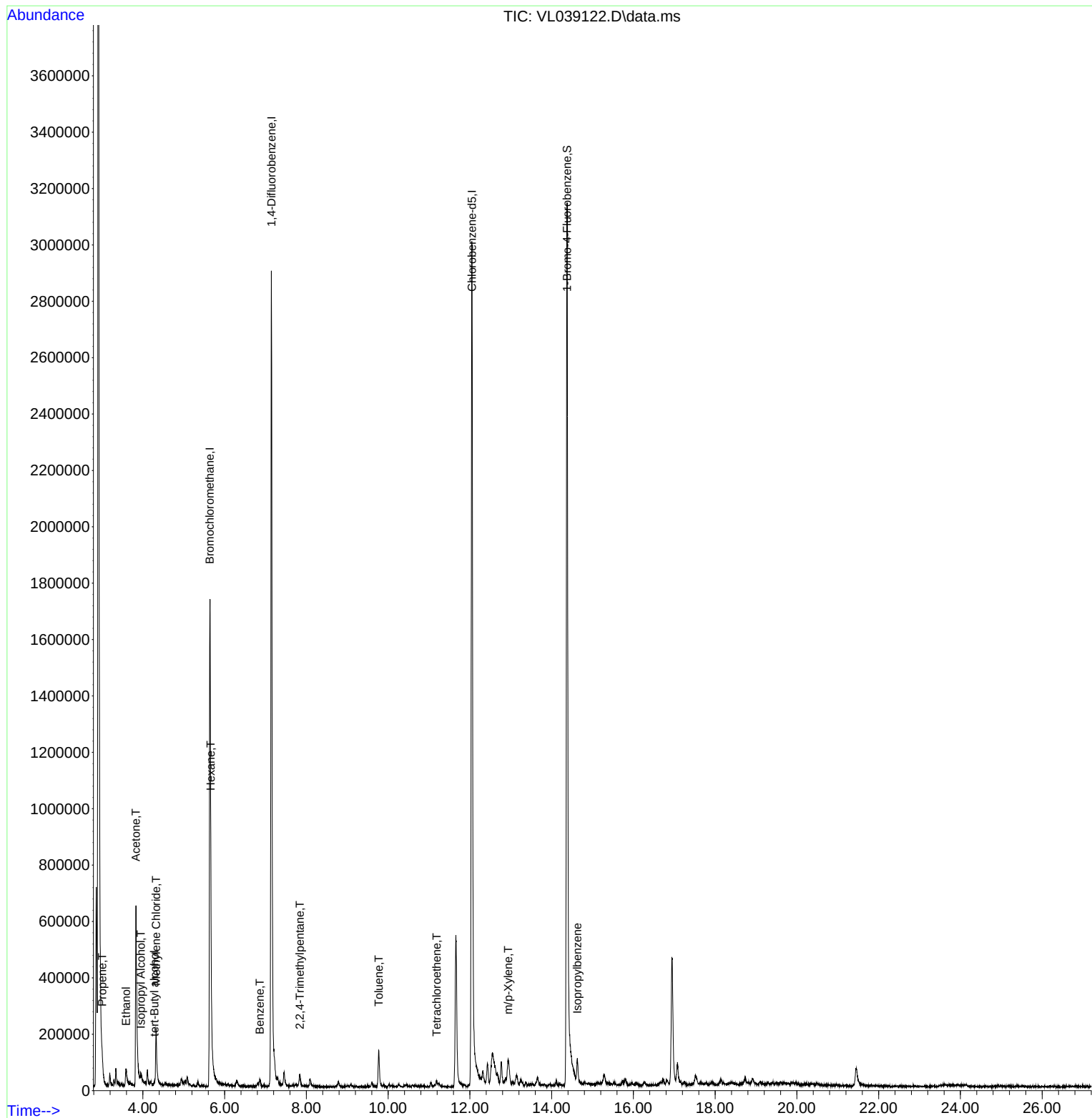
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
Data File : VL039122.D
Acq On : 25 May 2022 18:00
Operator : SY/AP
Sample : N2991-01DL 100X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

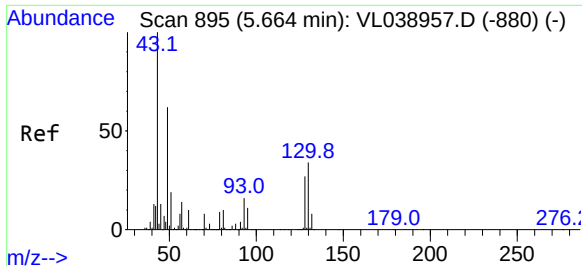
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Quant Time: May 26 07:59:46 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
Response via : Initial Calibration

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 05/27/2022





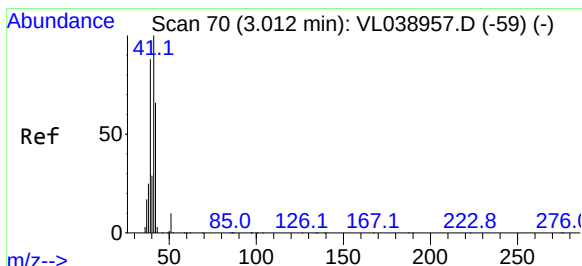
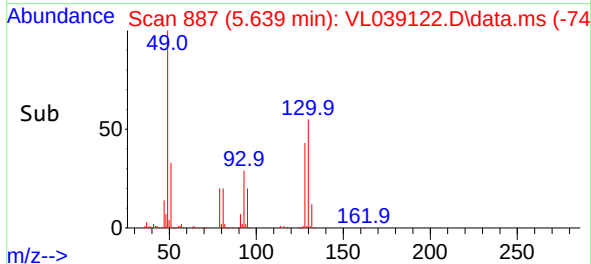
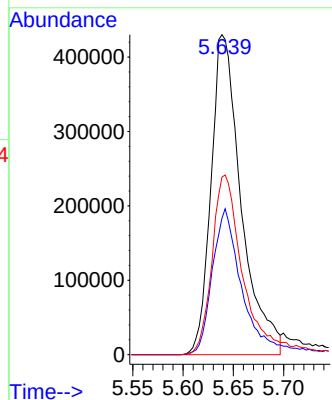
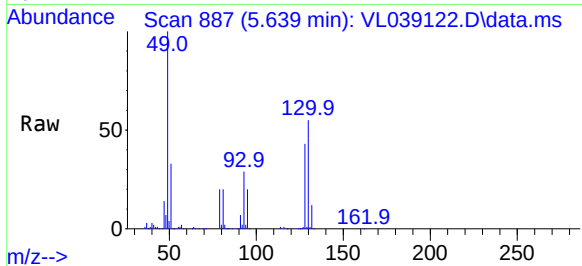
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.026 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Tgt Ion: 49 Resp: 898300
Ion Ratio Lower Upper
49 100
128 47.1 23.3 69.8
130 60.9 29.8 89.3

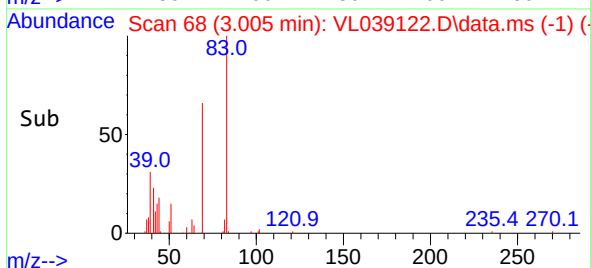
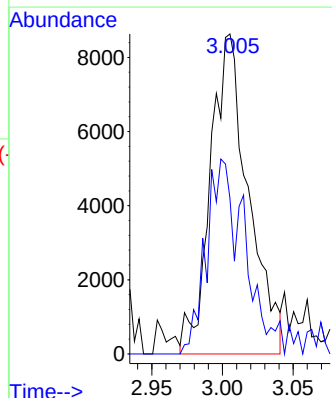
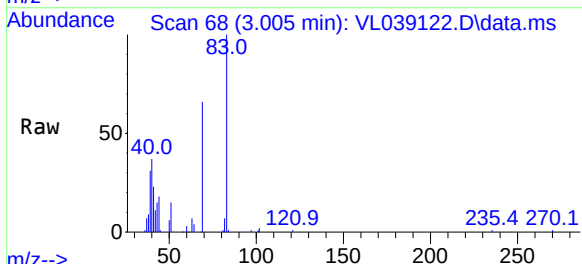
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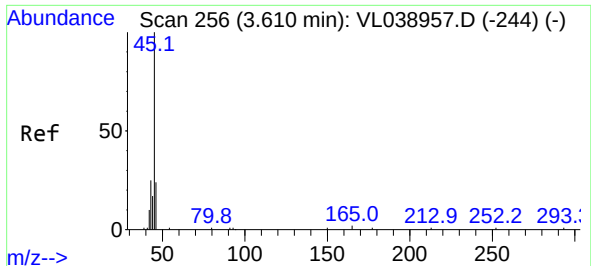
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#9
Propene
Concen: 0.331 ppbv m
RT: 3.005 min Scan# 68
Delta R.T. -0.006 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

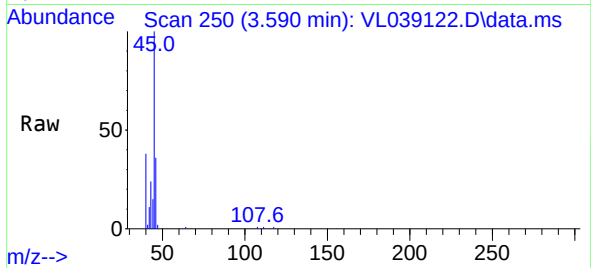
Tgt Ion: 41 Resp: 16132
Ion Ratio Lower Upper
41 100
42 5.2 58.3 87.5#





#13
Ethanol
Concen: 23.284 ppbv m
RT: 3.590 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

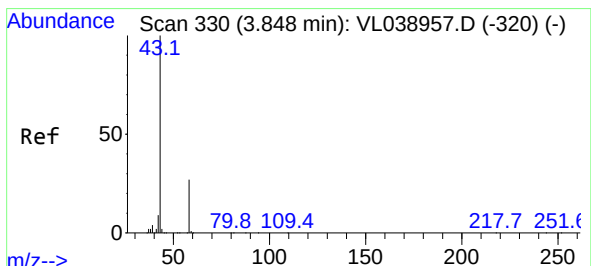
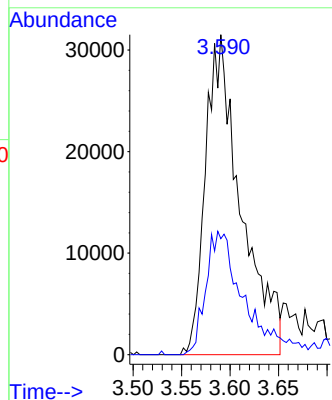
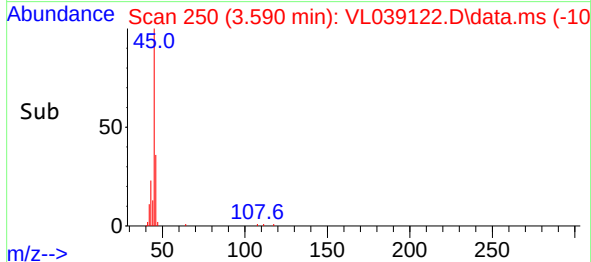
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL



Tgt Ion: 45 Resp: 8021
Ion Ratio Lower Upper
45 100
46 42.4 18.0 72.2

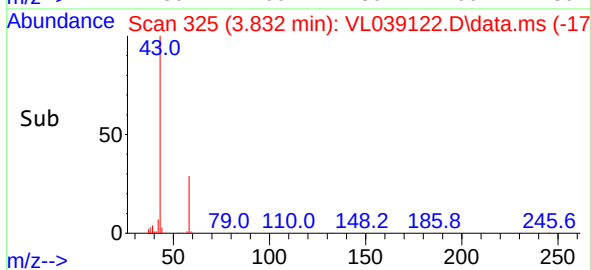
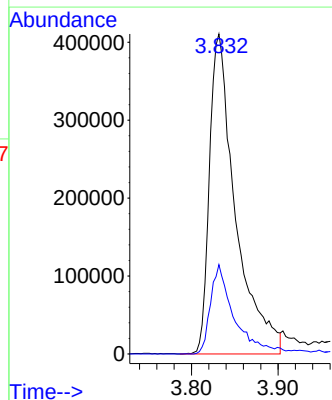
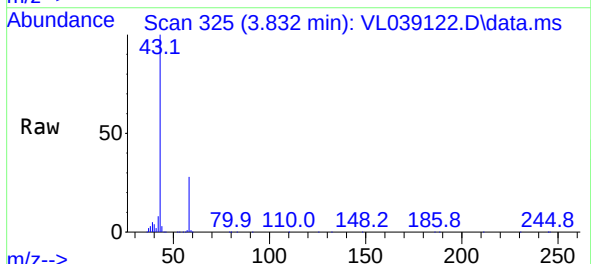
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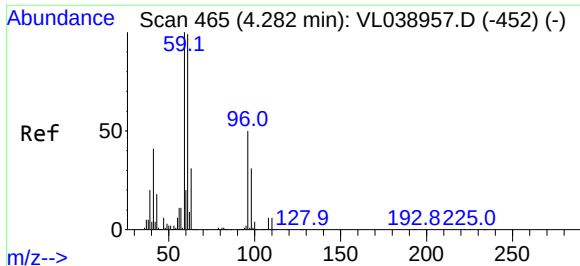
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#15
Acetone
Concen: 10.127 ppbv
RT: 3.832 min Scan# 325
Delta R.T. -0.016 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Tgt Ion: 43 Resp: 858167
Ion Ratio Lower Upper
43 100
58 27.6 21.3 31.9





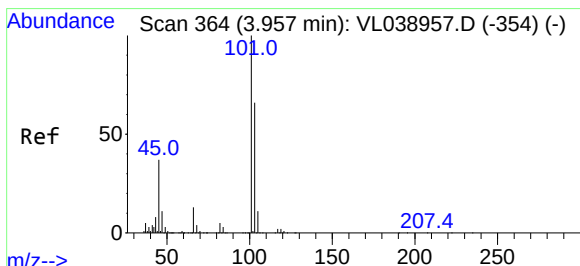
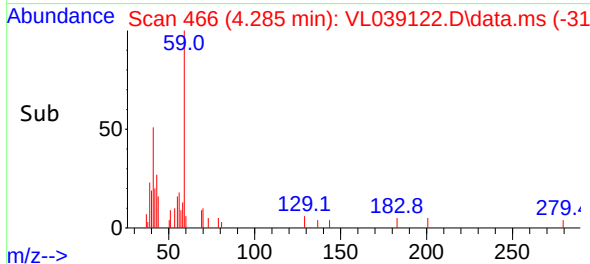
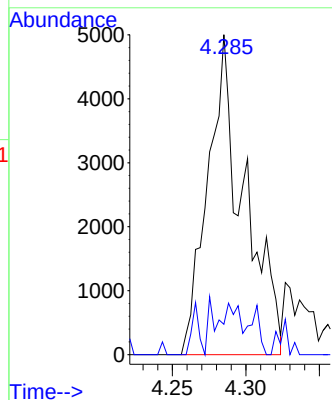
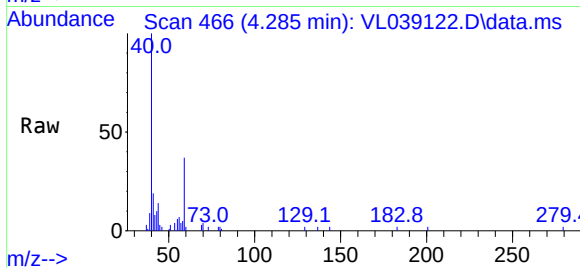
#17
tert-Butyl alcohol
Concen: 0.132 ppbv m
RT: 4.285 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Tgt Ion: 59 Resp: 858
Ion Ratio Lower Upper
59 100
57 21.0 9.2 13.8

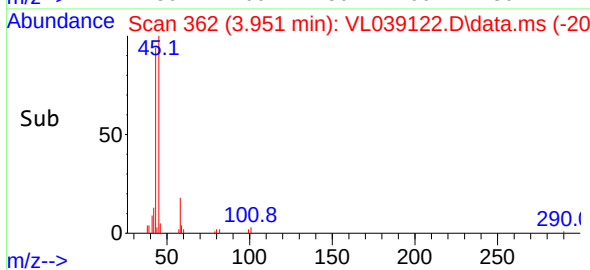
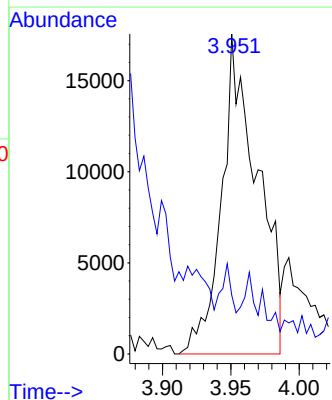
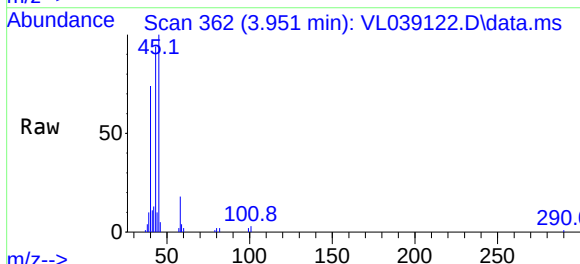
Manual Integrations
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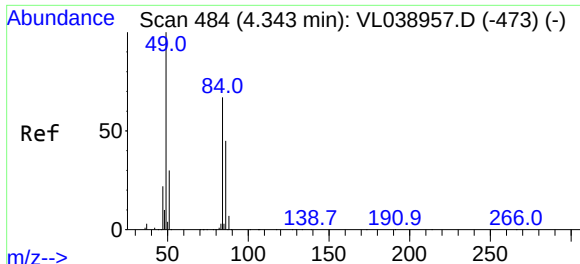
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#19
Isopropyl Alcohol
Concen: 0.793 ppbv m
RT: 3.951 min Scan# 362
Delta R.T. -0.006 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

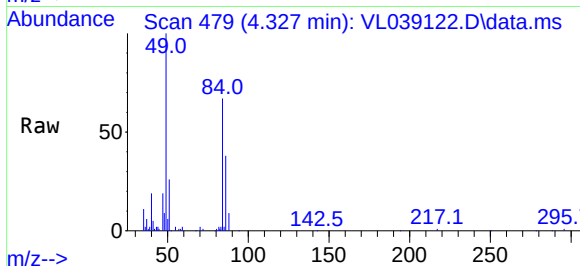
Tgt Ion: 45 Resp: 31944
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#





#20
Methylene Chloride
Concen: 2.592 ppbv m
RT: 4.327 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

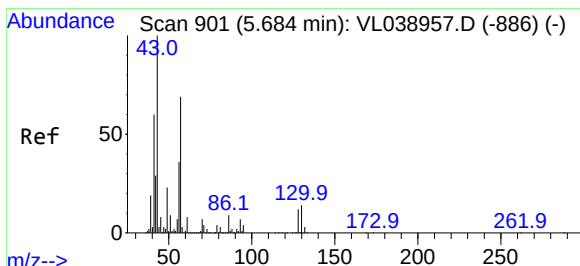
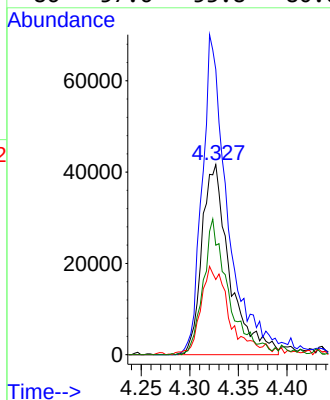
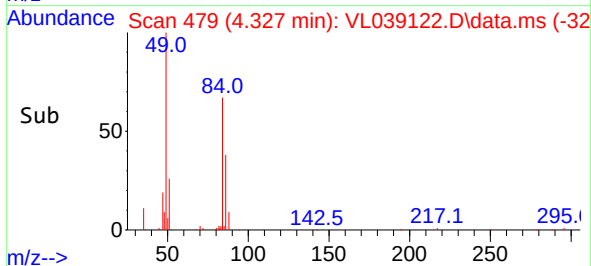
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL



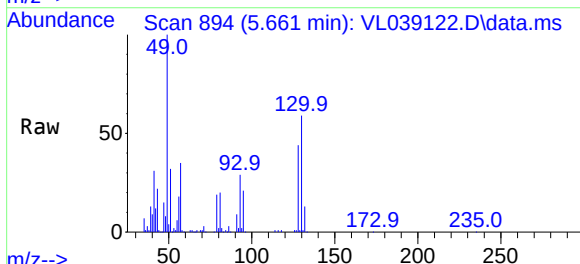
Tgt Ion: 84 Resp: 8276
Ion Ratio Lower Upper
84 100
49 150.0 119.9 179.9
51 39.6 35.7 53.5
86 57.6 53.8 80.6

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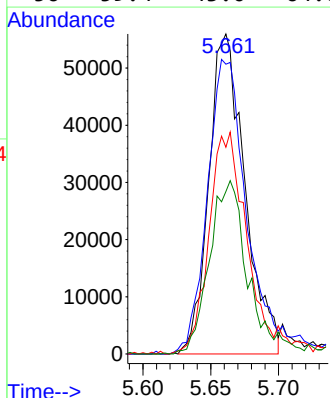
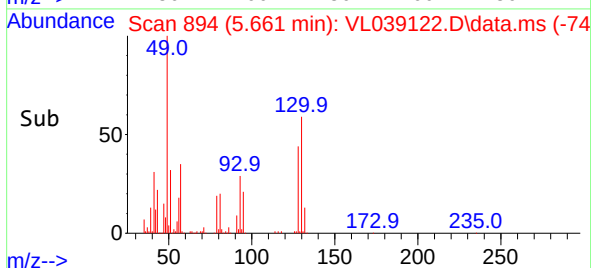
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

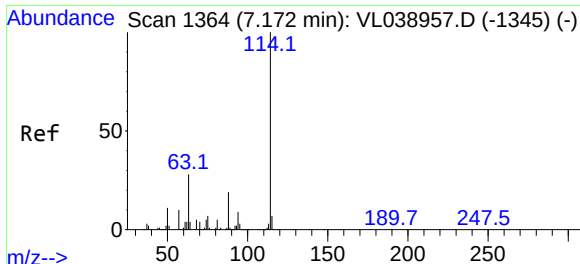


#26
Hexane
Concen: 1.149 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.023 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00



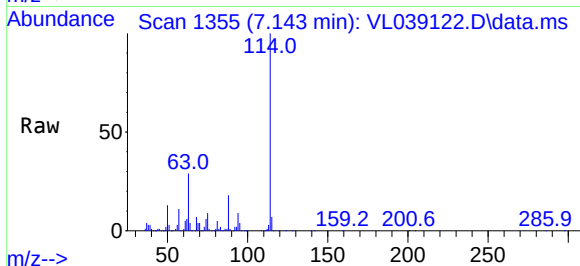
Tgt Ion: 57 Resp: 103558
Ion Ratio Lower Upper
57 100
41 105.2 75.2 112.8
43 77.7 190.8 286.2#
56 59.4 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

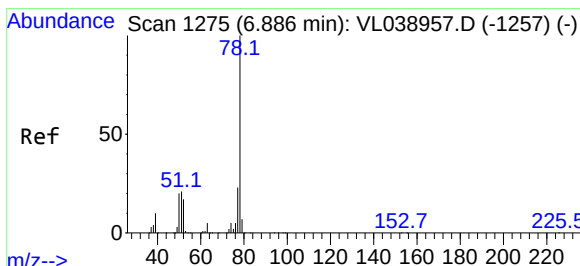
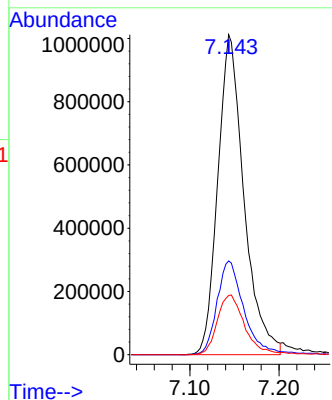
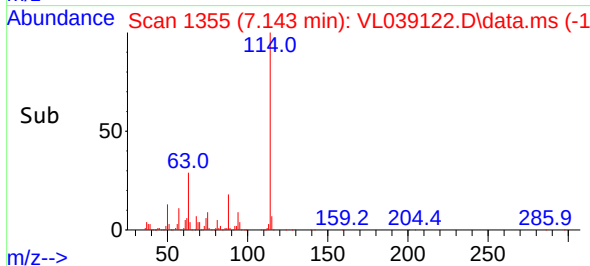
Instrument :
MSVOA_L
ClientSampleId :
SG-2DL



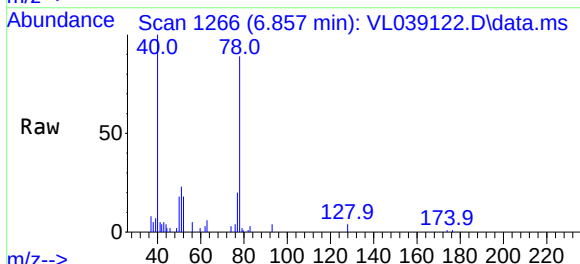
Tgt Ion:114 Resp: 2059908
Ion Ratio Lower Upper
114 100
63 30.6 22.6 33.8
88 19.8 15.4 23.0

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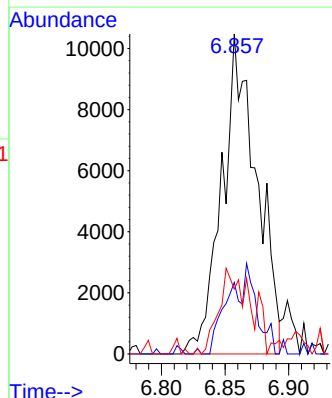
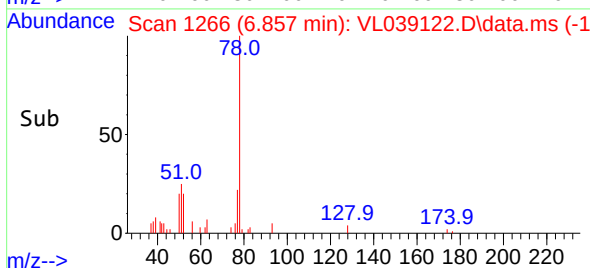
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

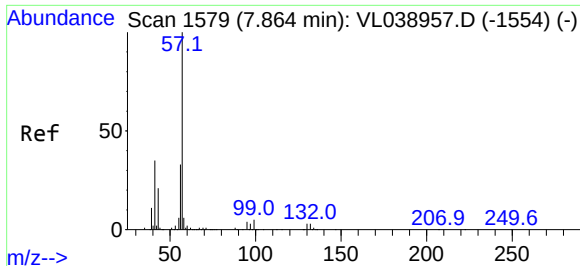


#36
Benzene
Concen: 0.113 ppbv m
RT: 6.857 min Scan# 1266
Delta R.T. -0.029 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00



Tgt Ion: 78 Resp: 19892
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0
50 20.3 15.6 23.4





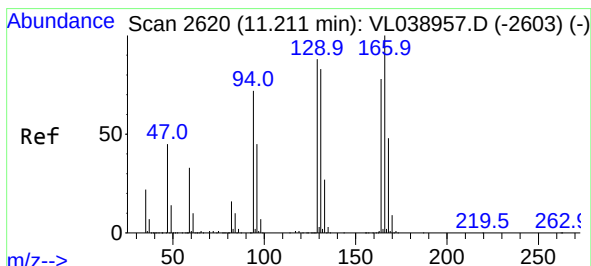
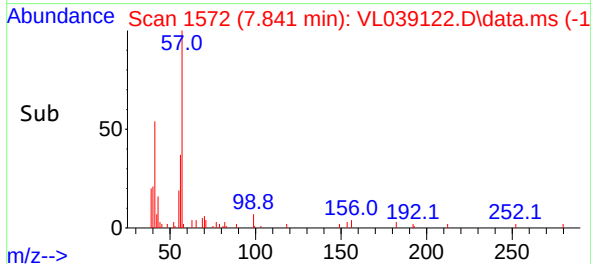
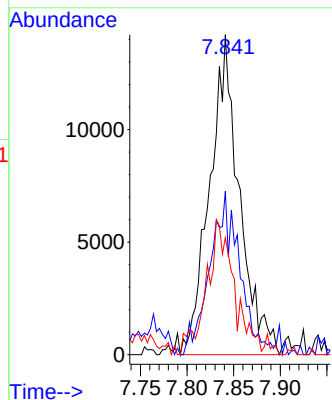
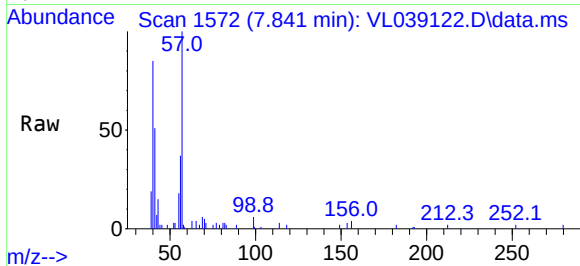
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2,2,4-Trimethylpentane
Concen: 0.102 ppbv m
RT: 7.841 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Tgt Ion: 57 Resp: 31460
Ion Ratio Lower Upper
57 100
41 52.3 26.3 39.5
56 41.8 24.6 37.0

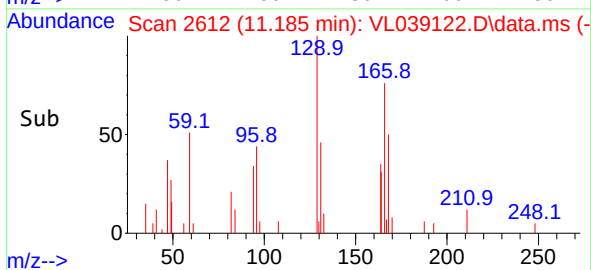
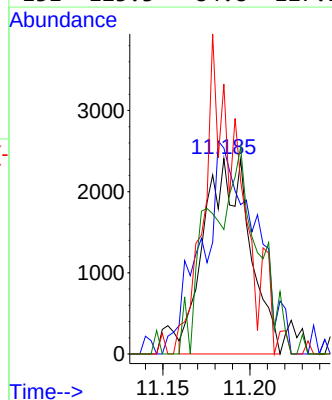
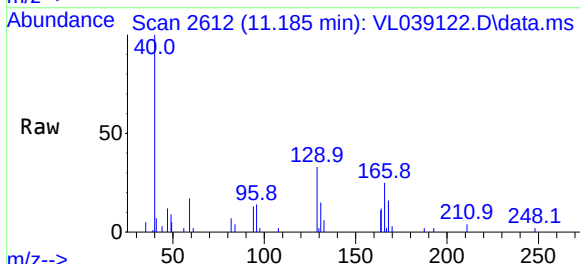
Manual Integrations
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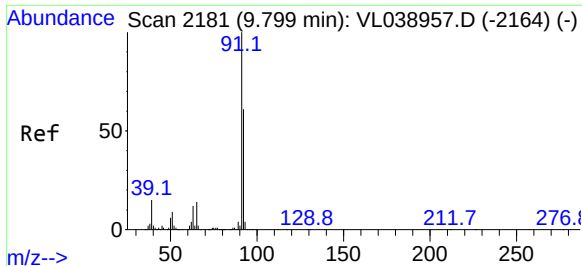
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
Tetrachloroethene
Concen: 0.069 ppbv m
RT: 11.185 min Scan# 2612
Delta R.T. -0.026 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Tgt Ion:164 Resp: 4356
Ion Ratio Lower Upper
164 100
166 203.9 102.5 153.7#
129 267.0 90.1 135.1#
131 123.3 84.8 127.2





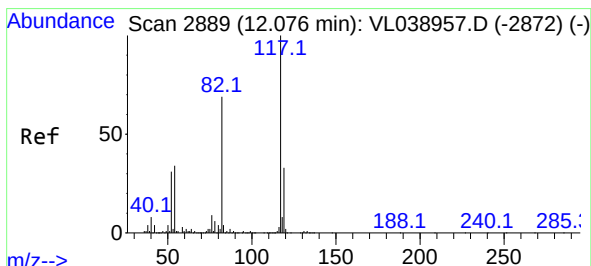
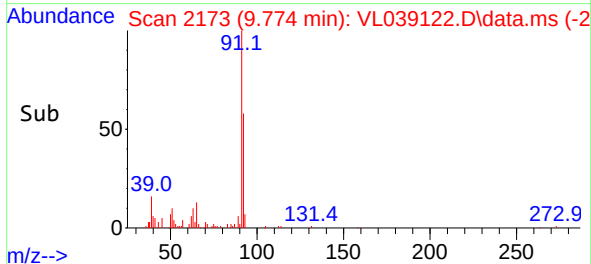
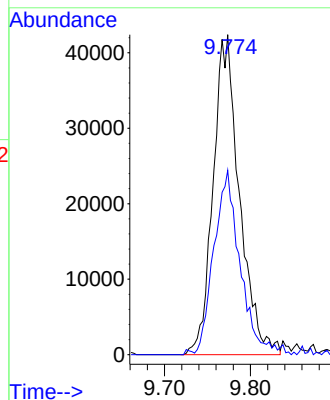
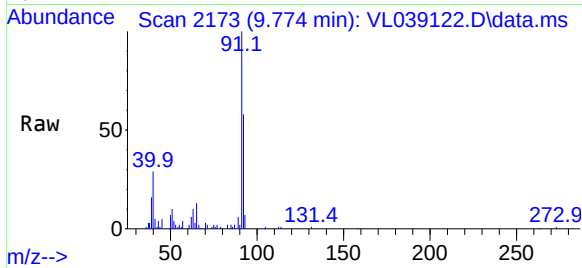
#53
Toluene
Concen: 0.457 ppbv m
RT: 9.774 min Scan# 2181
Delta R.T. -0.026 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Instrument :
MSVOA_L
ClientSampleId :
SG-2DL

Tgt Ion: 91 Resp: 90285
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2

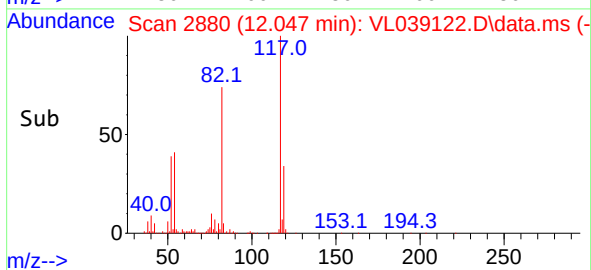
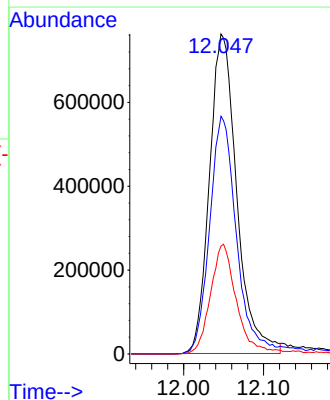
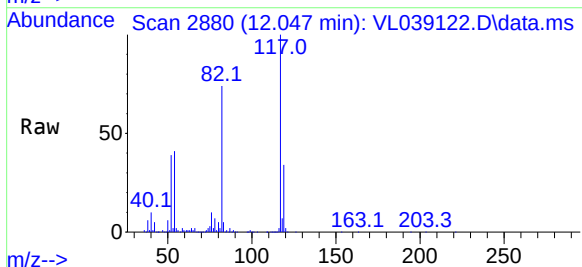
Manual Integrations
APPROVED

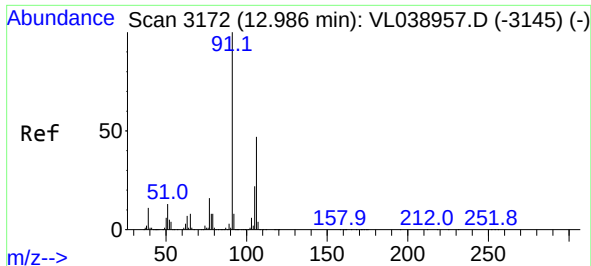
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2880
Delta R.T. -0.029 min
Lab File: VL039122.D
Acq: 25 May 2022 18:00

Tgt Ion:117 Resp: 1807416
Ion Ratio Lower Upper
117 100
82 76.8 57.0 85.6
119 33.6 27.2 40.8





#59

m/p-Xylene

Concen: 0.359 ppbv m

RT: 12.937 min Scan# 3172

Delta R.T. -0.048 min

Lab File: VL039122.D

Acq: 25 May 2022 18:00

Instrument :

MSVOA_L

ClientSampleId :

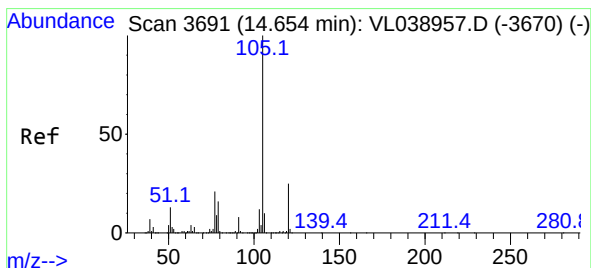
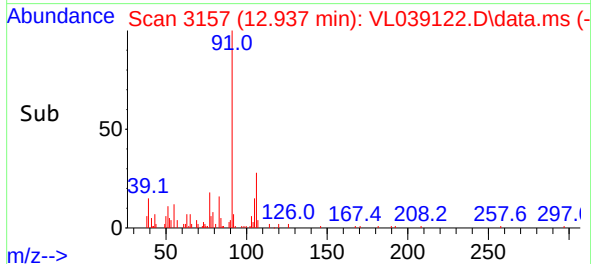
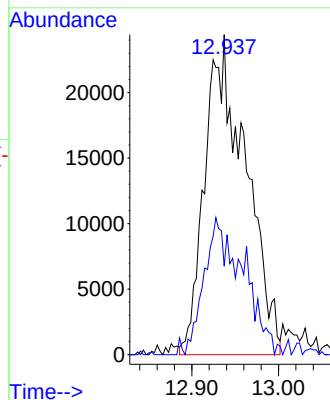
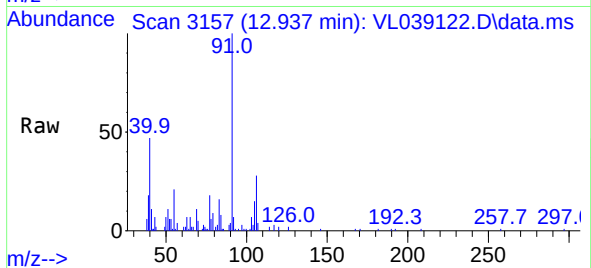
SG-2DL

Tgt Ion: 91 Resp: 7982
 Ion Ratio Lower Upper
 91 100
 106 0.0 34.6 52.0

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.220 ppbv m

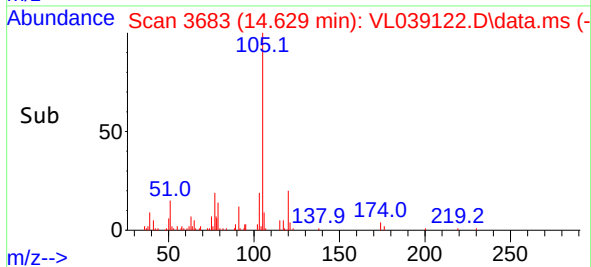
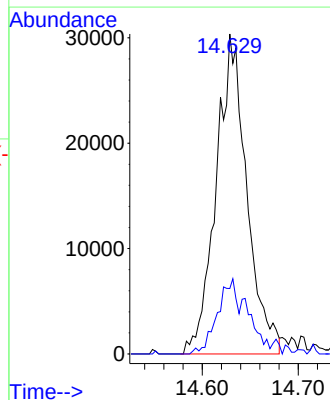
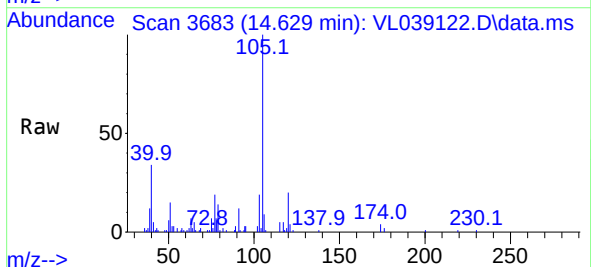
RT: 14.629 min Scan# 3683

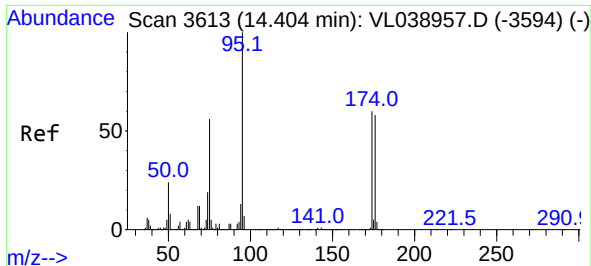
Delta R.T. -0.025 min

Lab File: VL039122.D

Acq: 25 May 2022 18:00

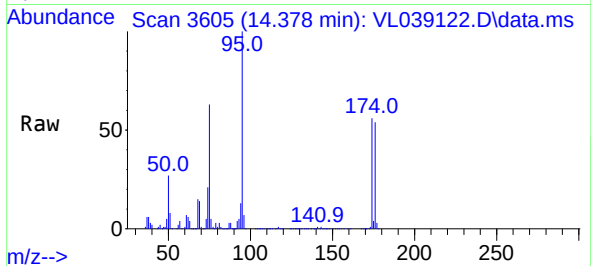
Tgt Ion:105 Resp: 67330
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.5 30.7





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.774 ppbv
 RT: 14.378 min Scan# 30
 Delta R.T. -0.026 min
 Lab File: VL039122.D
 Acq: 25 May 2022 18:00

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL



Tgt Ion: 95 Resp: 154210
 Ion Ratio Lower Upper
 95 100
 174 62.5 50.8 76.2
 175 4.2 3.8 5.6

Manual Integrations
 APPROVED

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

