

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039124.D
 Acq On : 25 May 2022 19:18
 Operator : SY/AP
 Sample : N2956-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1DL

Manual Integrations
 APPROVED

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

Quant Time: May 26 08:00:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 26 08:00:05 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	864521	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.143	114	2094560	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	1832852	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.375	95	1614575	11.123	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.200%
Target Compounds						
					Qvalue	
9) Propene	2.999	41	102798	2.194	ppbv	94
10) Heptane	8.095	43	36901	0.321	ppbv	95
13) Ethanol	3.597	45	8817m	2.659	ppbv	
15) Acetone	3.832	43	439703	5.392	ppbv	92
19) Isopropyl Alcohol	3.957	45	17476	0.451	ppbv #	95
20) Methylene Chloride	4.324	84	32686m	1.063	ppbv	
26) Hexane	5.661	57	29889m	0.345	ppbv	
34) 2-Butanone	5.230	43	59419m	0.556	ppbv	
41) Tetrahydrofuran	6.041	42	17768m	0.247	ppbv	
52) Tetrachloroethene	11.188	164	2592m	0.040	ppbv	
53) Toluene	9.770	91	22796m	0.113	ppbv	
59) m/p-Xylene	12.928	91	29509m	0.131	ppbv	

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

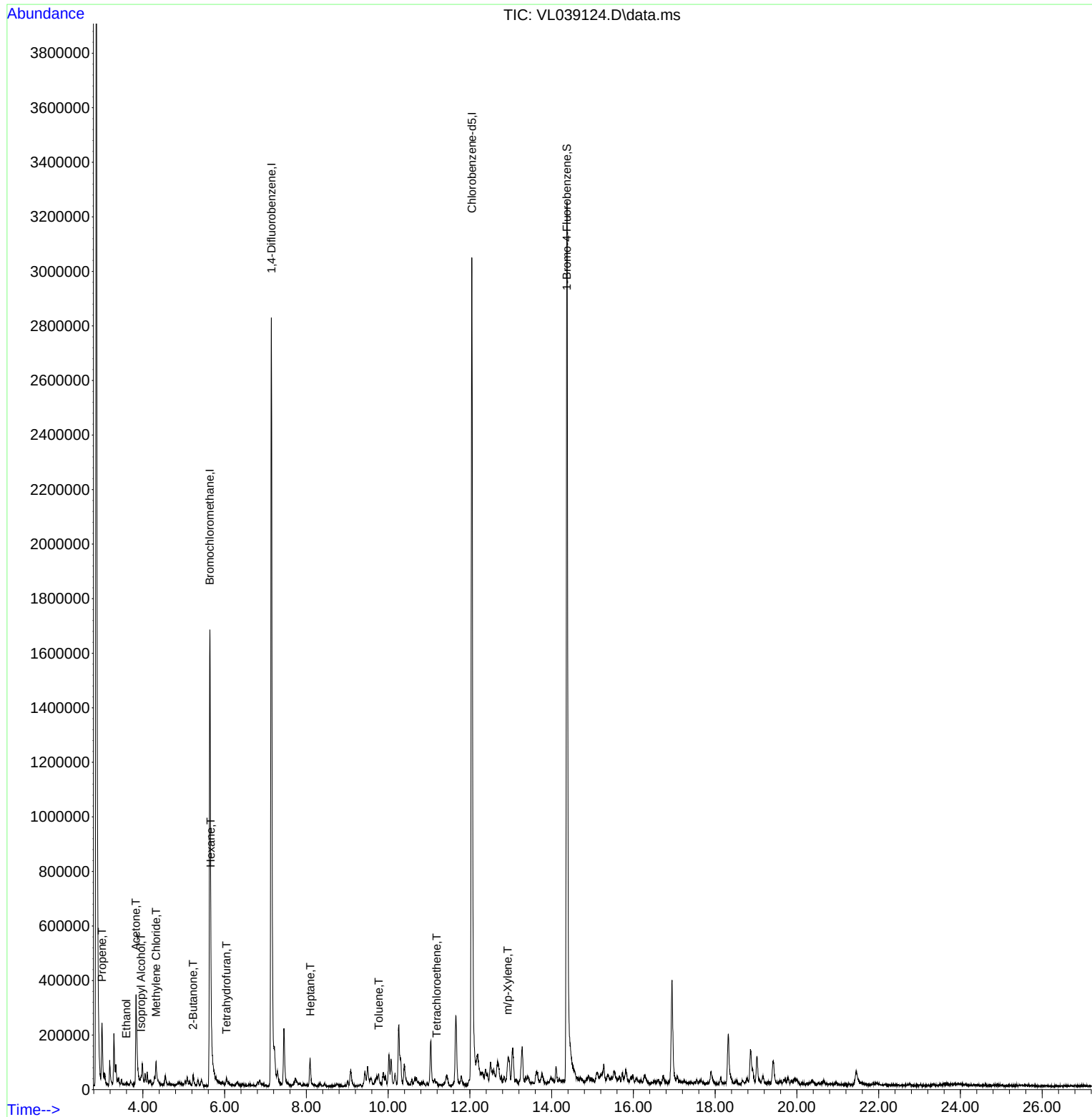
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
Data File : VL039124.D
Acq On : 25 May 2022 19:18
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Sample : N2956-04DL 40X
Misc : 400mL/MSVOA_L
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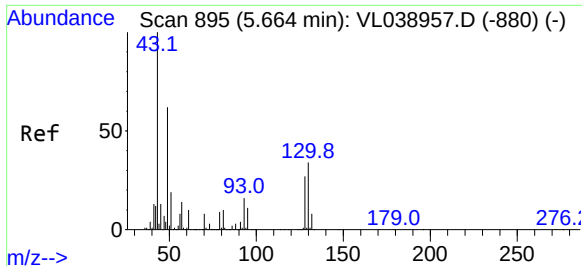
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL

Quant Time: May 26 08:00:05 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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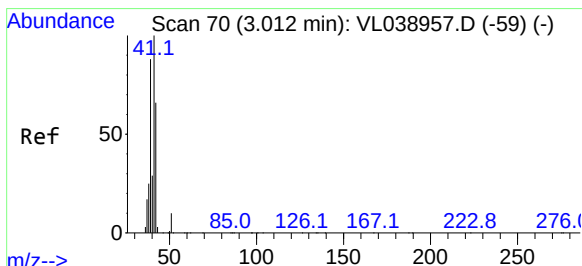
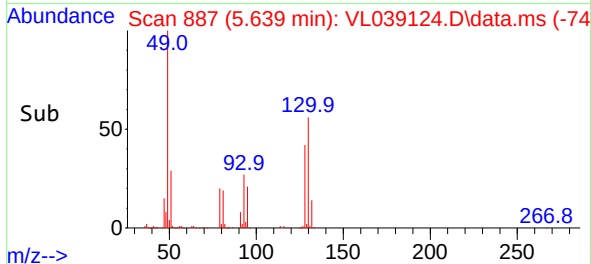
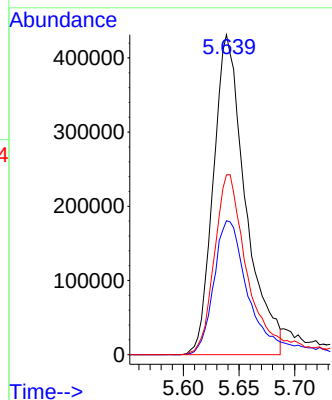
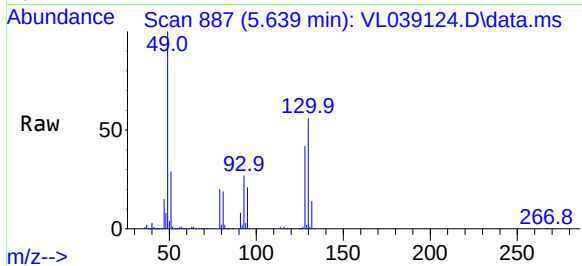
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.026 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

Instrument :
MSVOA_L
ClientSampleId :
VP-1DL

Tgt Ion: 49 Resp: 86452
Ion Ratio Lower Upper
49 100
128 49.2 23.3 69.8
130 61.8 29.8 89.3

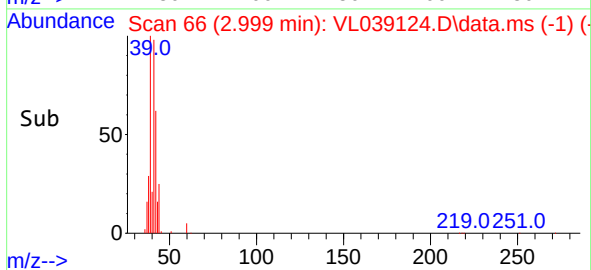
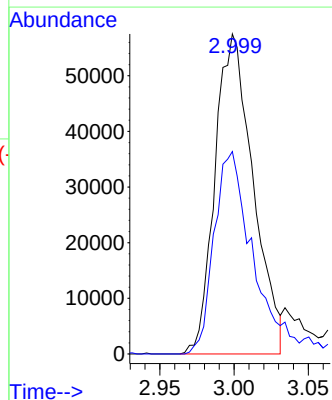
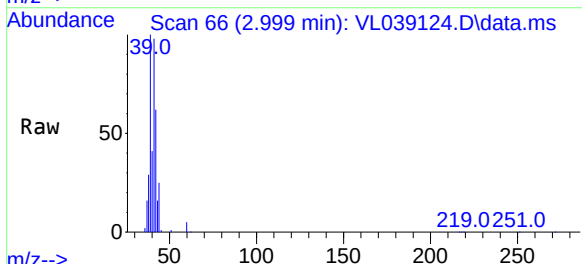
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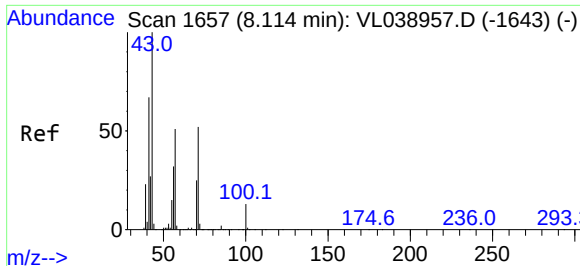
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#9
Propene
Concen: 2.194 ppbv
RT: 2.999 min Scan# 66
Delta R.T. -0.013 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

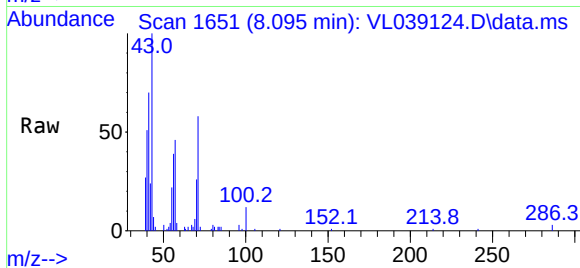
Tgt Ion: 41 Resp: 102798
Ion Ratio Lower Upper
41 100
42 67.9 58.3 87.5





#10
Heptane
Concen: 0.321 ppbv
RT: 8.095 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

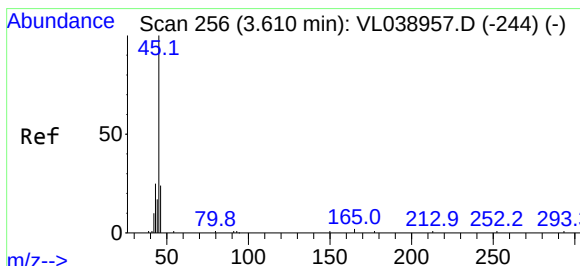
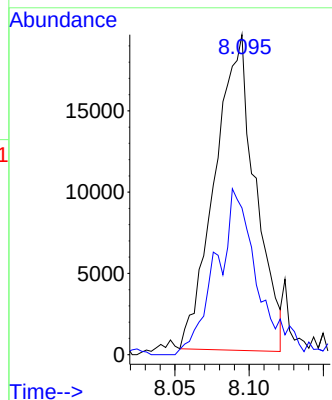
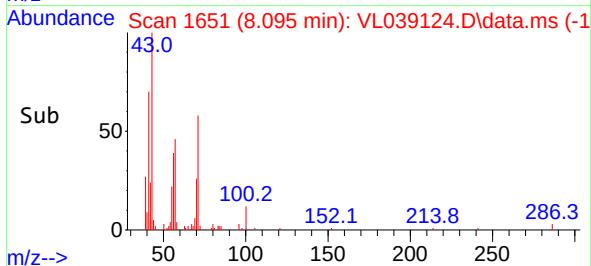
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL



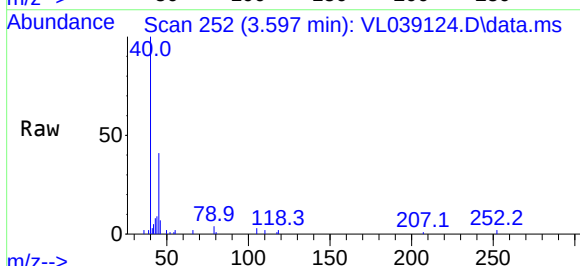
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Ion Ratio Lower Upper
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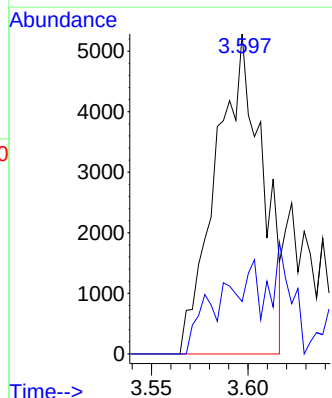
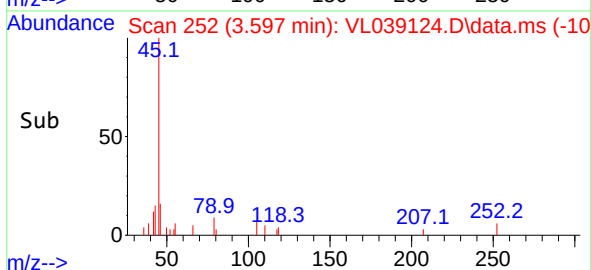
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

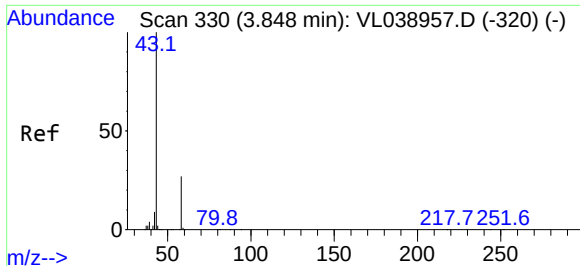


#13
Ethanol
Concen: 2.659 ppbv m
RT: 3.597 min Scan# 252
Delta R.T. -0.013 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18



Tgt Ion: 45 Resp: 8817
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2#





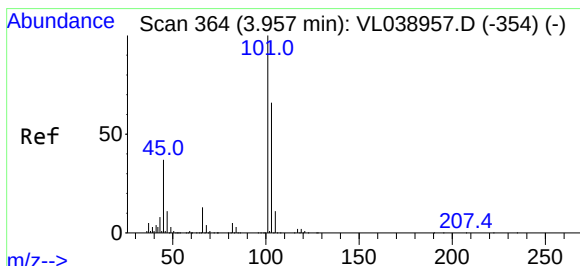
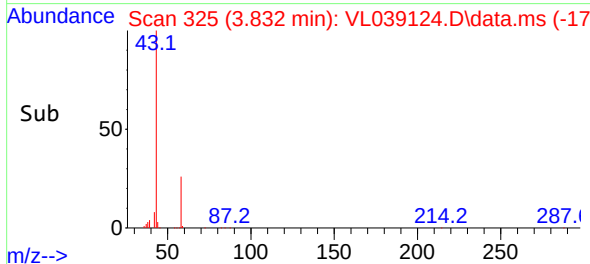
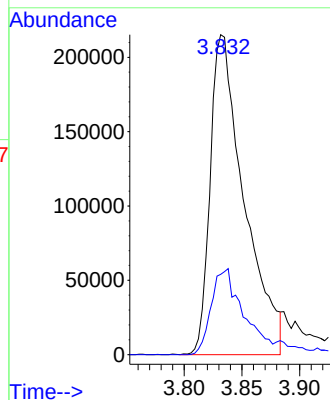
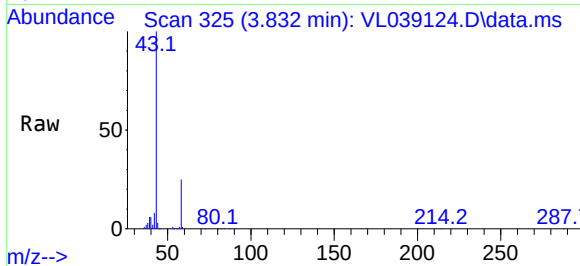
#15
Acetone
Concen: 5.392 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

Instrument :
MSVOA_L
ClientSampleId :
VP-1DL

Tgt Ion: 43 Resp: 43970
Ion Ratio Lower Upper
43 100
58 31.0 21.3 31.9

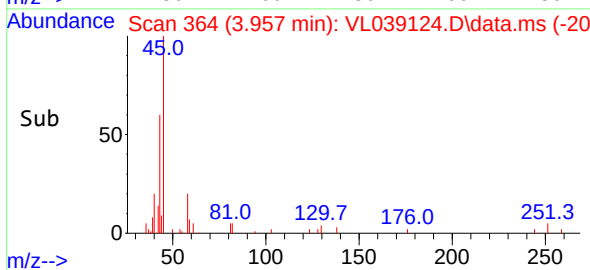
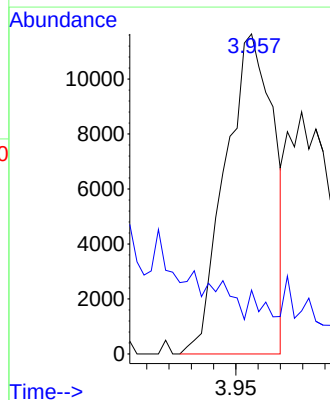
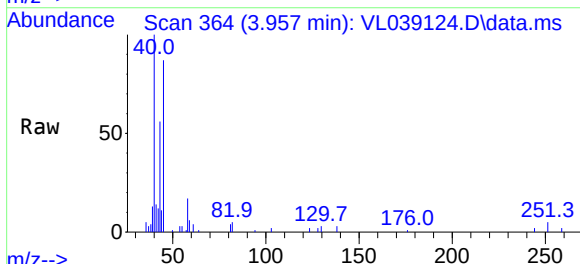
Manual Integrations
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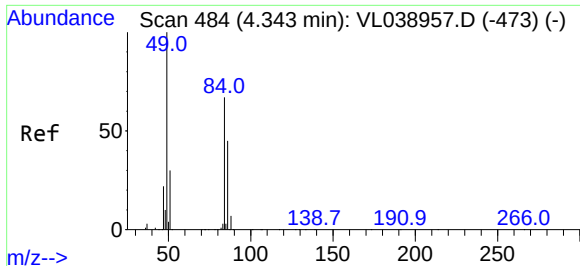
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#19
Isopropyl Alcohol
Concen: 0.451 ppbv
RT: 3.957 min Scan# 364
Delta R.T. -0.000 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

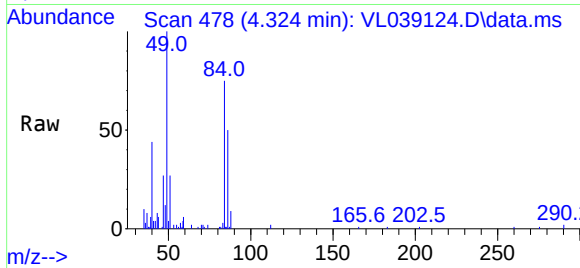
Tgt Ion: 45 Resp: 17476
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.2#





#20
Methylene Chloride
Concen: 1.063 ppbv m
RT: 4.324 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

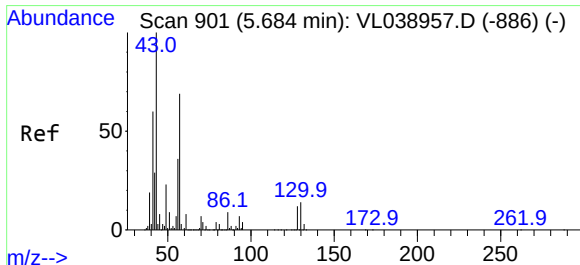
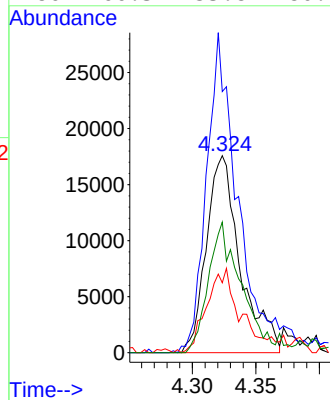
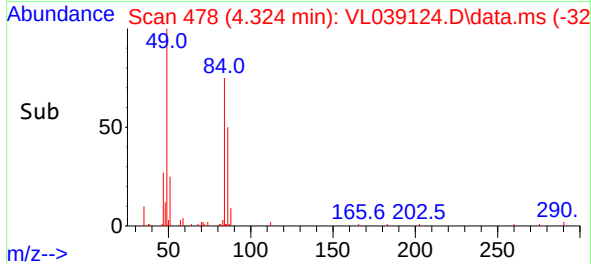
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL



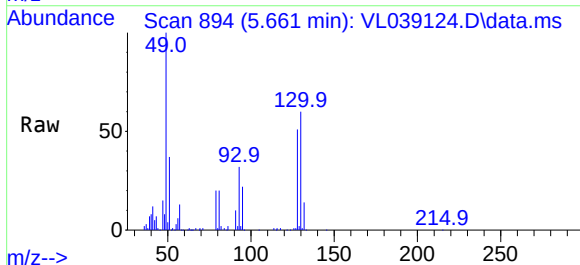
Tgt Ion: 84 Resp: 32680
Ion Ratio Lower Upper
84 100
49 132.6 119.9 179.9
51 35.5 35.7 53.5
86 66.3 53.8 80.6

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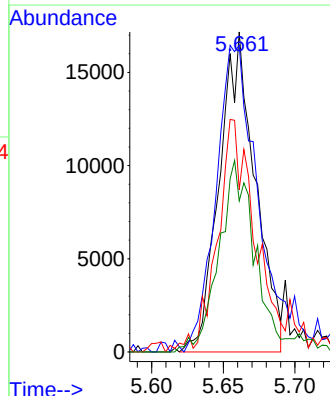
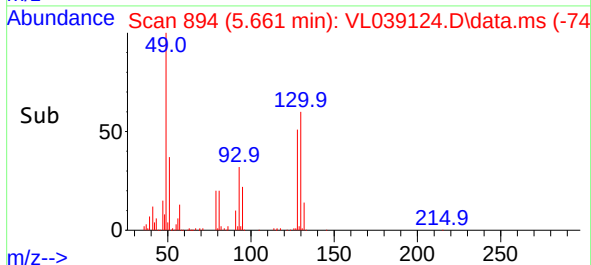
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

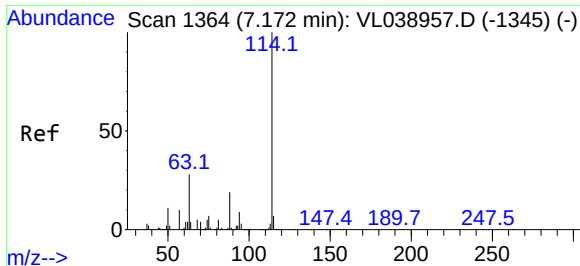


#26
Hexane
Concen: 0.345 ppbv m
RT: 5.661 min Scan# 894
Delta R.T. -0.023 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18



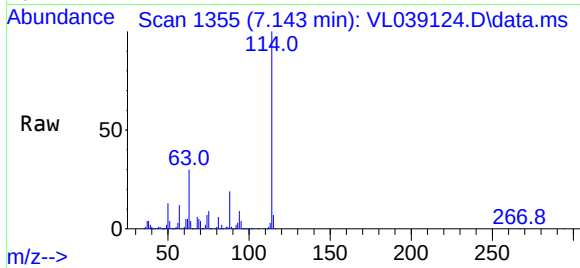
Tgt Ion: 57 Resp: 29889
Ion Ratio Lower Upper
57 100
41 116.7 75.2 112.8#
43 0.0 190.8 286.2#
56 62.4 43.0 64.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 114
Delta R.T. -0.029 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

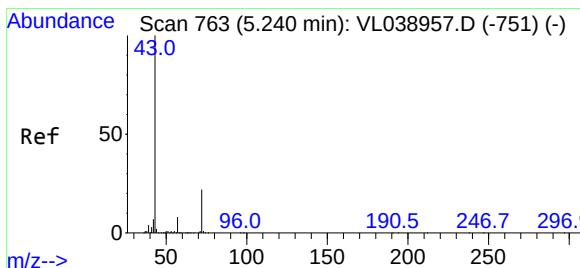
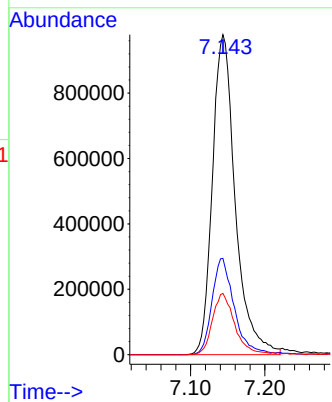
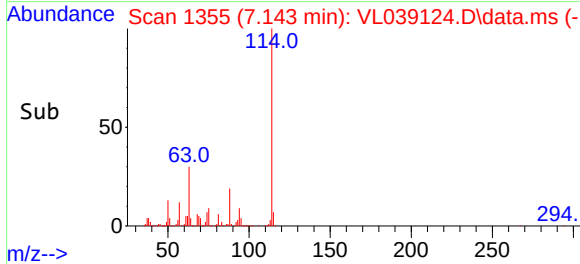
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL



Tgt Ion:114 Resp: 2094560
Ion Ratio Lower Upper
114 100
63 29.6 22.6 33.8
88 19.2 15.4 23.0

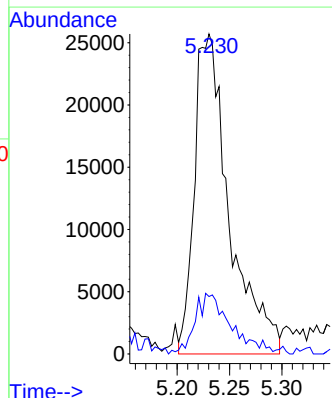
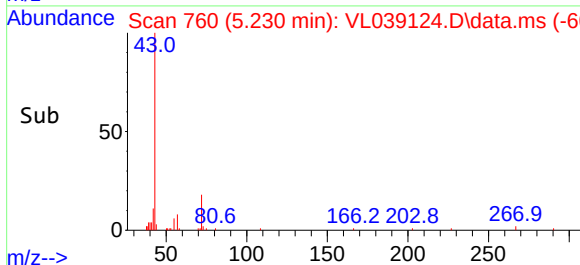
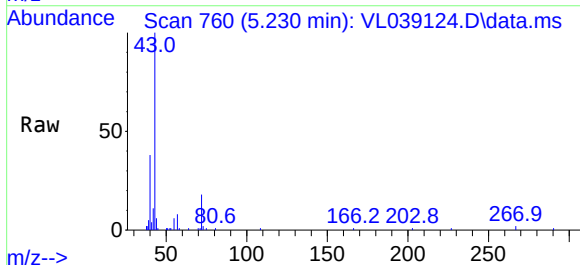
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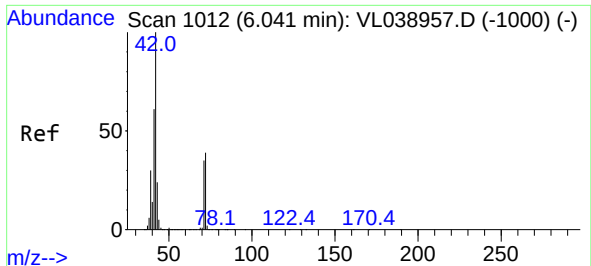
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#34
2-Butanone
Concen: 0.556 ppbv m
RT: 5.230 min Scan# 760
Delta R.T. -0.010 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

Tgt Ion: 43 Resp: 59419
Ion Ratio Lower Upper
43 100
72 0.0 17.8 26.6#





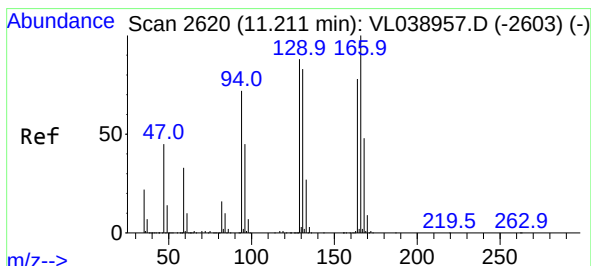
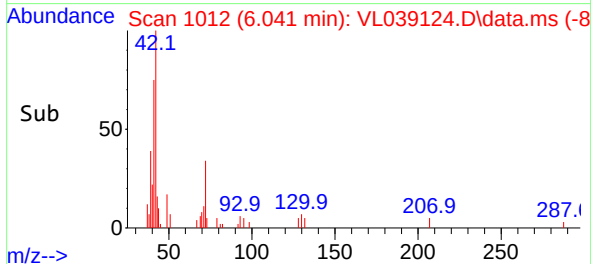
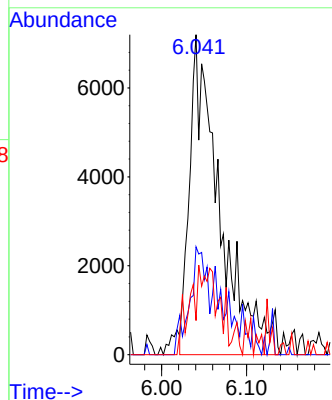
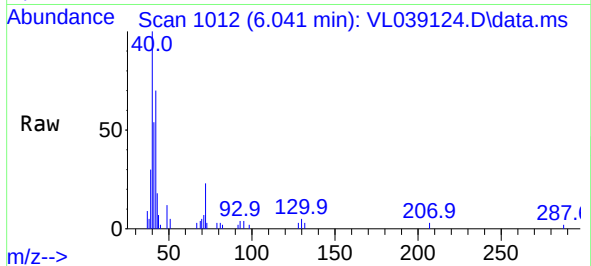
#41
Tetrahydrofuran
Concen: 0.247 ppbv m
RT: 6.041 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

Instrument :
MSVOA_L
ClientSampleId :
VP-1DL

Tgt Ion: 42 Resp: 1776
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6
71 0.0 30.6 45.8

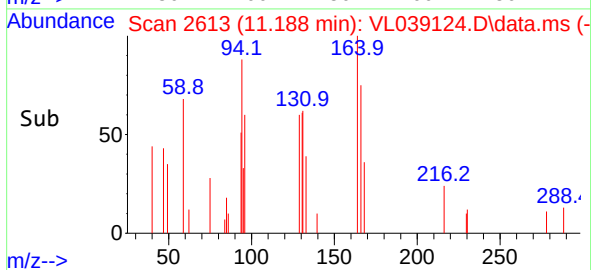
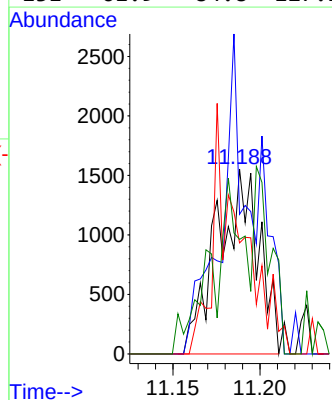
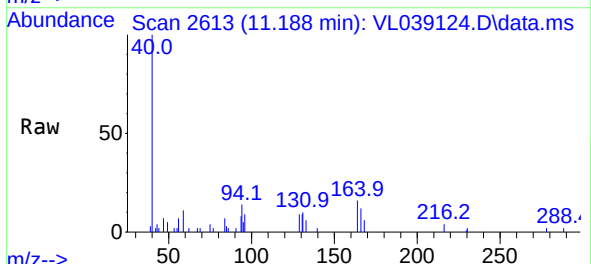
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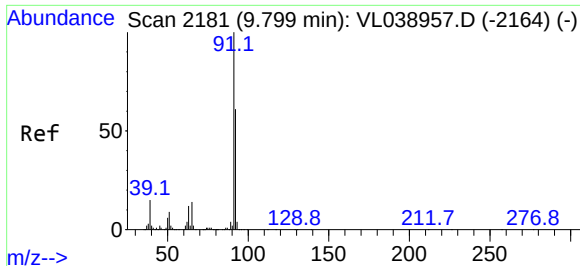
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
Tetrachloroethene
Concen: 0.040 ppbv m
RT: 11.188 min Scan# 2613
Delta R.T. -0.023 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

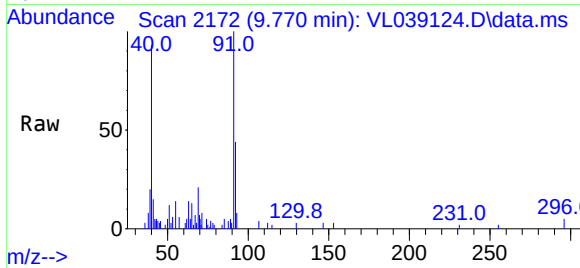
Tgt Ion:164 Resp: 2592
Ion Ratio Lower Upper
164 100
166 75.5 102.5 153.7#
129 60.0 90.1 135.1#
131 61.9 84.8 127.2#





#53
Toluene
Concen: 0.113 ppbv m
RT: 9.770 min Scan# 2181
Delta R.T. -0.029 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

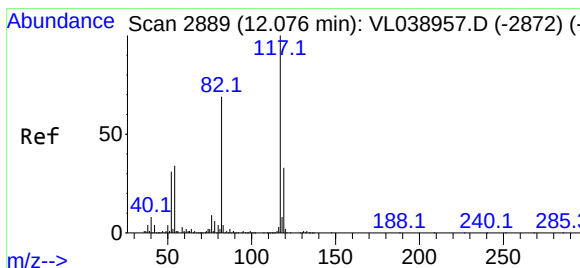
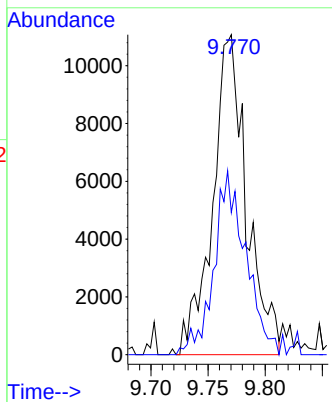
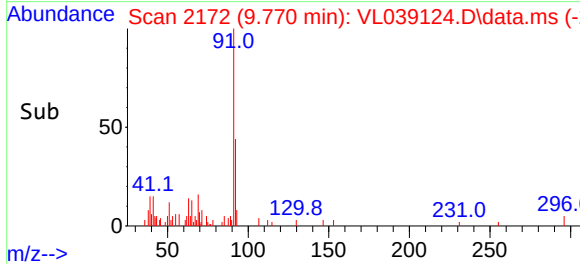
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL



Tgt Ion: 91 Resp: 22790
Ion Ratio Lower Upper
91 100
92 55.4 48.2 72.2

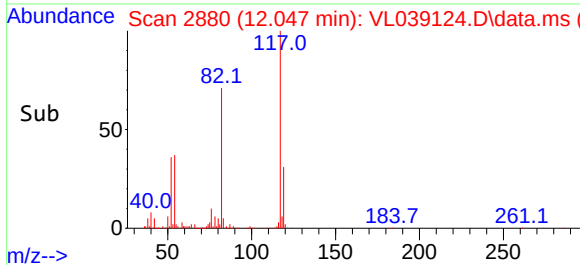
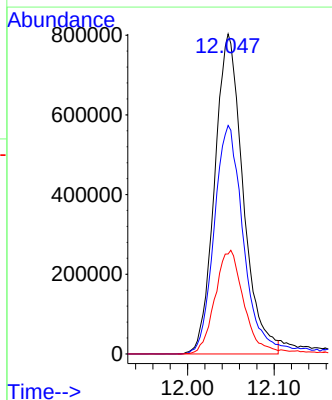
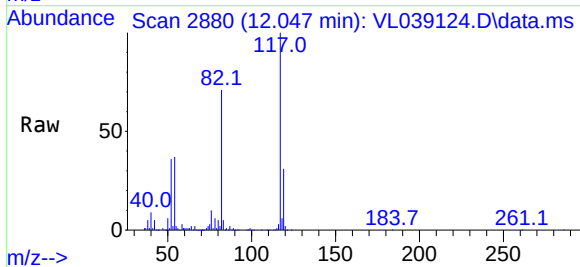
Manual Integrations
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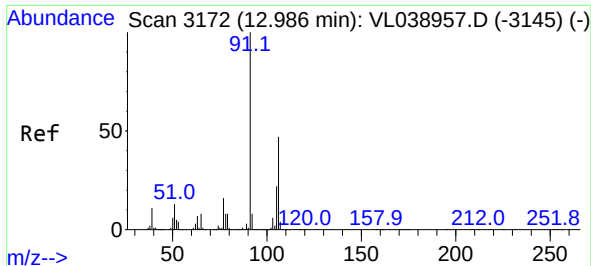
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2880
Delta R.T. -0.029 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

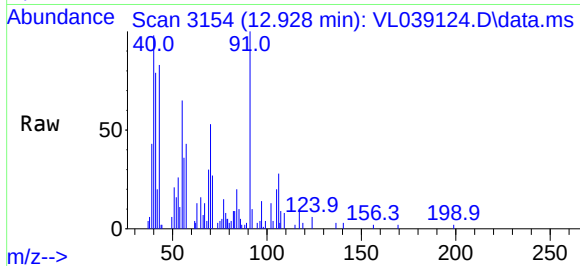
Tgt Ion:117 Resp: 1832852
Ion Ratio Lower Upper
117 100
82 77.2 57.0 85.6
119 34.6 27.2 40.8





#59
m/p-Xylene
Concen: 0.131 ppbv m
RT: 12.928 min Scan# 3172
Delta R.T. -0.058 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18

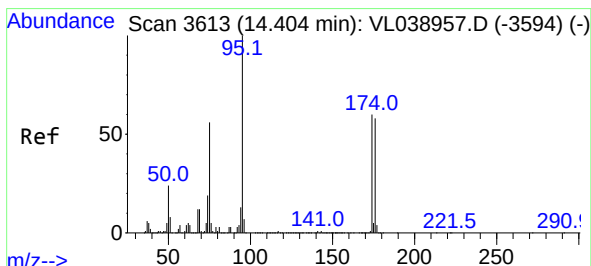
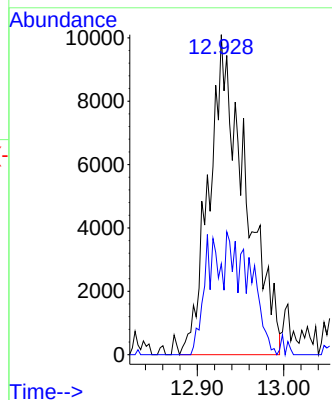
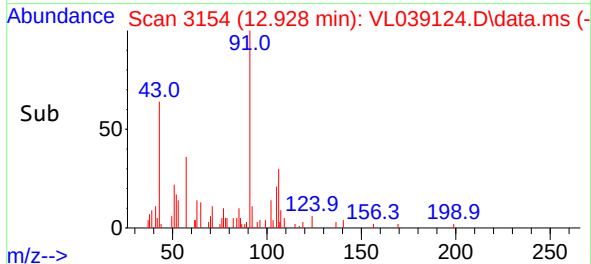
Instrument :
MSVOA_L
ClientSampleId :
VP-1DL



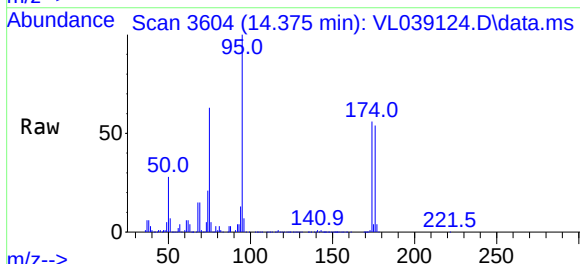
Tgt Ion: 91 Resp: 29509
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0

Manual Integrations
APPROVED

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



#68
1-Bromo-4-Fluorobenzene
Concen: 11.123 ppbv
RT: 14.375 min Scan# 3604
Delta R.T. -0.029 min
Lab File: VL039124.D
Acq: 25 May 2022 19:18



Tgt Ion: 95 Resp: 1614575
Ion Ratio Lower Upper
95 100
174 61.5 50.8 76.2
175 4.5 3.8 5.6

