

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039125.D
 Acq On : 25 May 2022 19:56
 Operator : SY/AP
 Sample : N2956-05DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-2DL

Manual Integrations
 APPROVED

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

Quant Time: May 26 08:00:15 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 26 08:00:15 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	5.639	49	965954	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.144	114	2178851	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.044	117	1842448	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.372	95	1597407	10.948	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.500%
Target Compounds						Qvalue
9) Propene	2.999	41	184855	3.531	ppbv	98
13) Ethanol	3.587	45	9482m	2.560	ppbv	
15) Acetone	3.829	43	700930	7.693	ppbv	97
19) Isopropyl Alcohol	3.944	45	14125m	0.326	ppbv	
20) Methylene Chloride	4.324	84	65557m	1.909	ppbv	
26) Hexane	5.661	57	50709	0.523	ppbv #	37
32) 1,1,1-Trichloroethane	6.478	97	50267	0.321	ppbv	89
34) 2-Butanone	5.224	43	73163m	0.658	ppbv	
36) Benzene	6.857	78	26124m	0.140	ppbv	
41) Tetrahydrofuran	6.037	42	14166m	0.190	ppbv	
52) Tetrachloroethene	11.185	164	2275m	0.034	ppbv	
53) Toluene	9.764	91	32482m	0.155	ppbv	
59) m/p-Xylene	12.944	91	45653m	0.202	ppbv	
74) 1,2,4-Trimethylbenzene	16.722	105	45349m	0.190	ppbv	

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

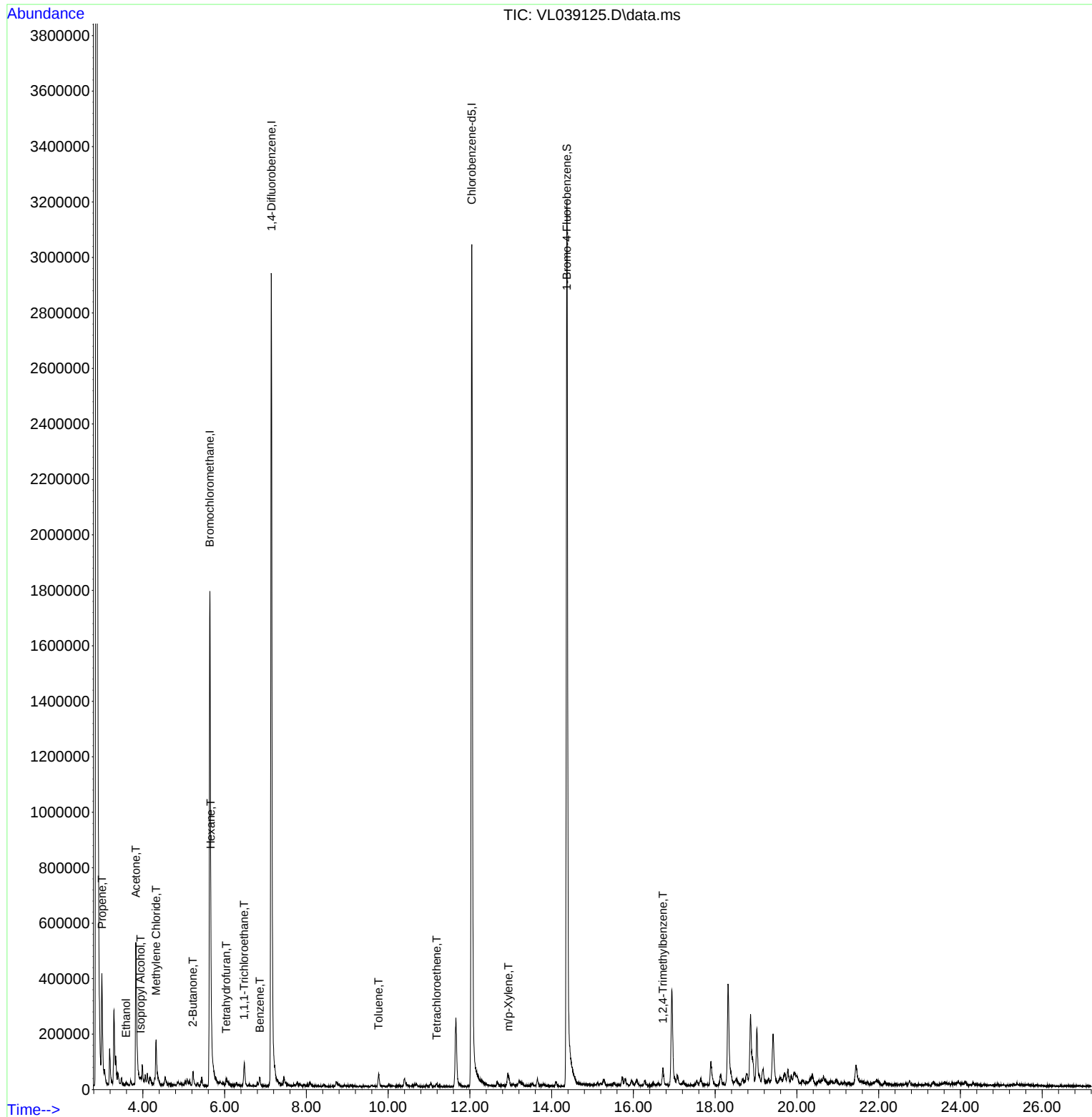
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
Data File : VL039125.D
Acq On : 25 May 2022 19:56
Operator : SY/AP
Sample : N2956-05DL 20X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

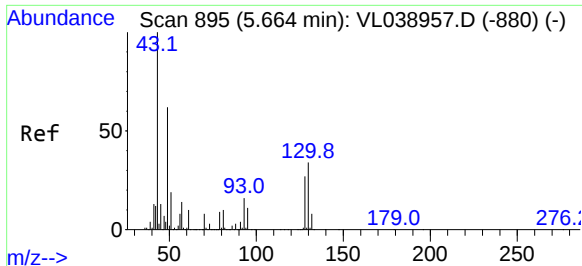
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Quant Time: May 26 08:00:15 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

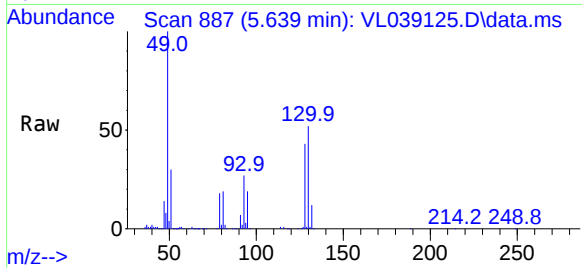
Reviewed By : Semsettin Yesilyurt 05/27/2022
Supervised By : Mahesh Dadoda 05/27/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.026 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

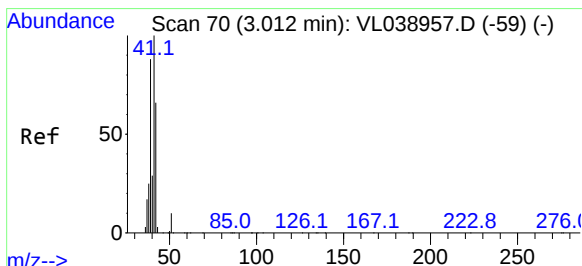
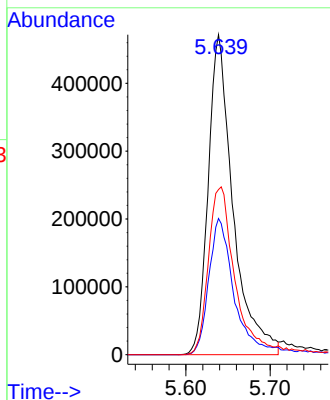
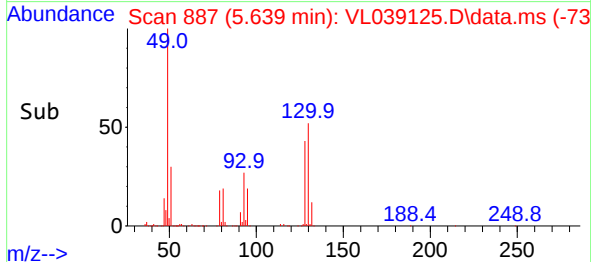
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



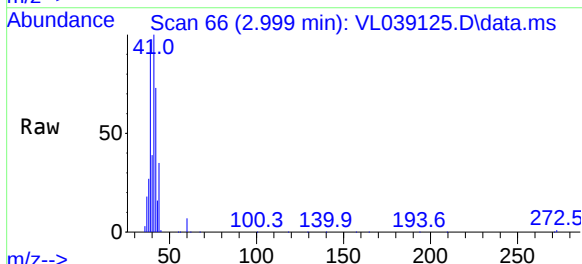
Tgt Ion: 49 Resp: 965954
Ion Ratio Lower Upper
49 100
128 45.2 23.3 69.8
130 57.7 29.8 89.3

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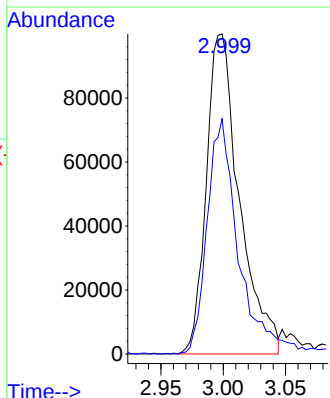
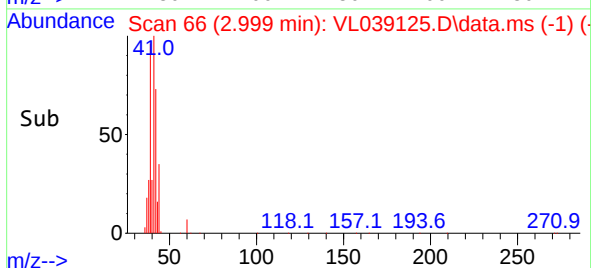
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

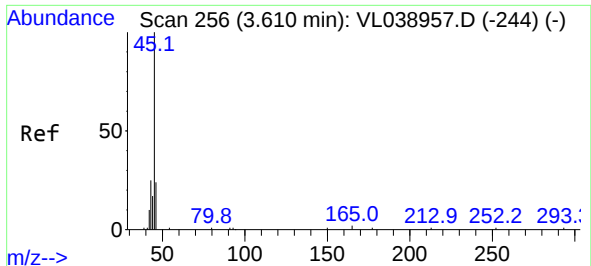


#9
Propene
Concen: 3.531 ppbv
RT: 2.999 min Scan# 66
Delta R.T. -0.013 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56



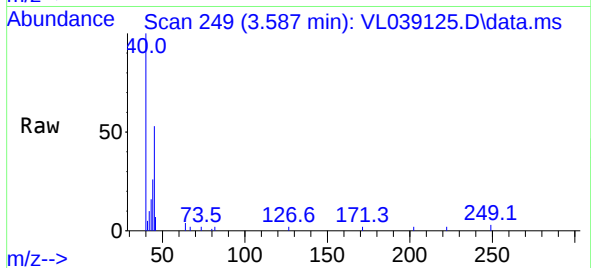
Tgt Ion: 41 Resp: 184855
Ion Ratio Lower Upper
41 100
42 71.0 58.3 87.5





#13
Ethanol
Concen: 2.560 ppbv m
RT: 3.587 min Scan# 249
Delta R.T. -0.022 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

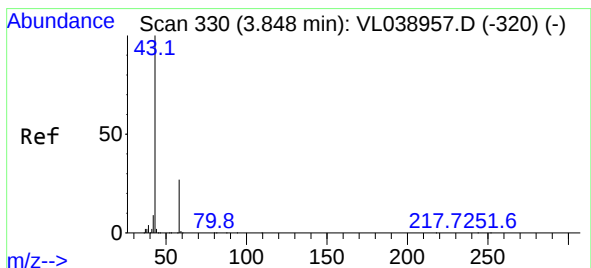
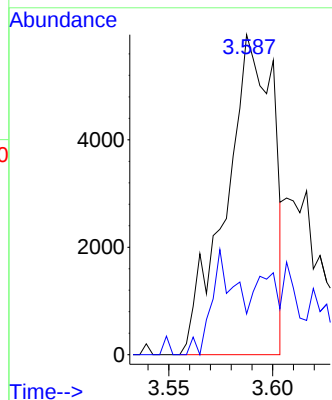
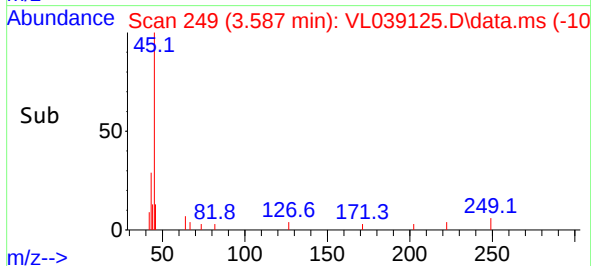
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 45 Resp: 948
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

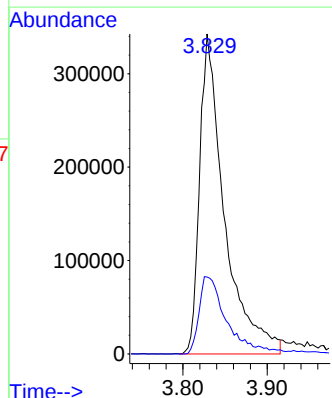
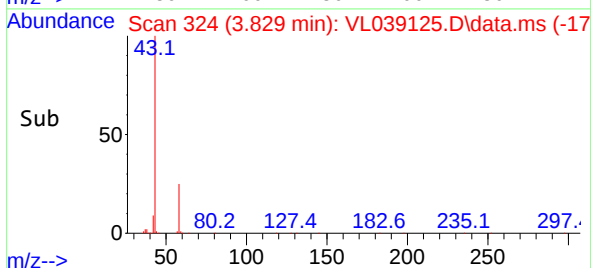
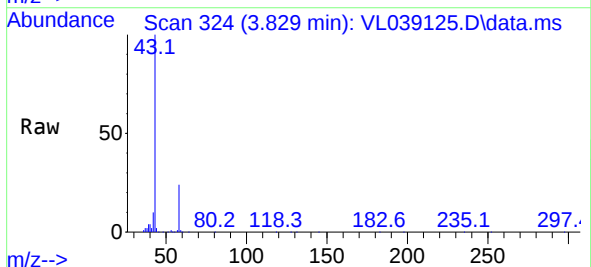
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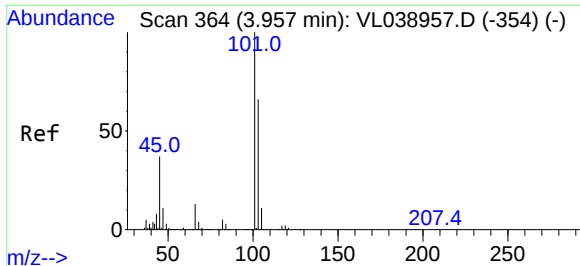
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#15
Acetone
Concen: 7.693 ppbv
RT: 3.829 min Scan# 324
Delta R.T. -0.019 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

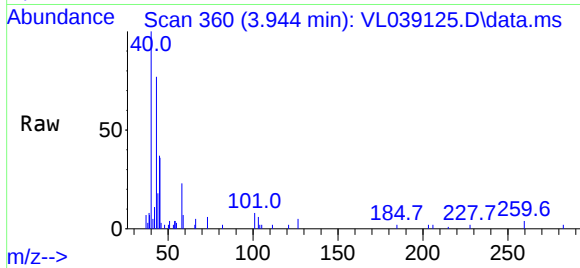
Tgt Ion: 43 Resp: 700930
Ion Ratio Lower Upper
43 100
58 28.0 21.3 31.9





#19
Isopropyl Alcohol
Concen: 0.326 ppbv m
RT: 3.944 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

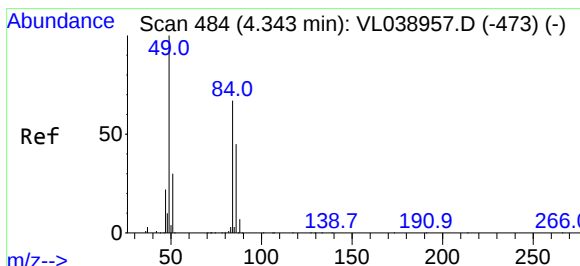
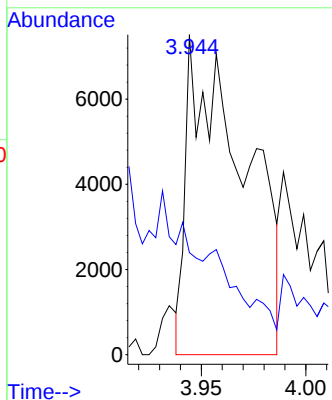
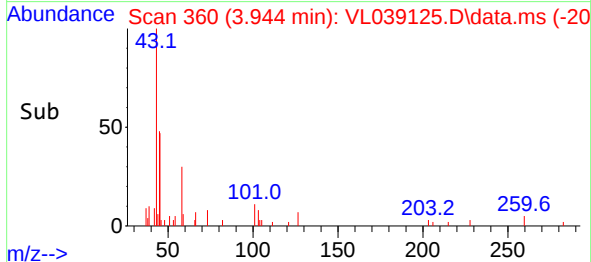
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



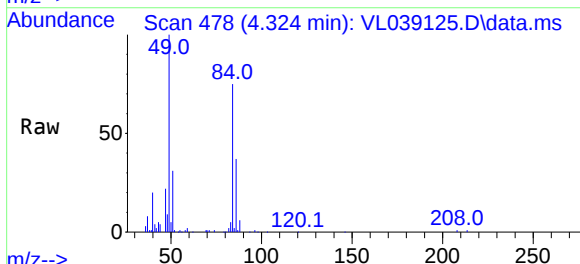
Tgt Ion: 45 Resp: 14125
Ion Ratio Lower Upper
45 100
58 0.0 1.4 2.25

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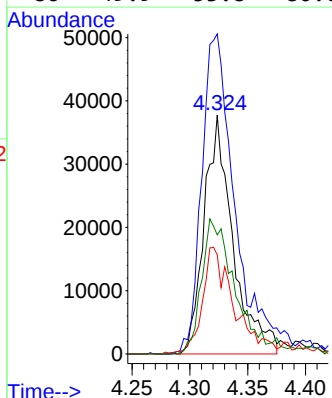
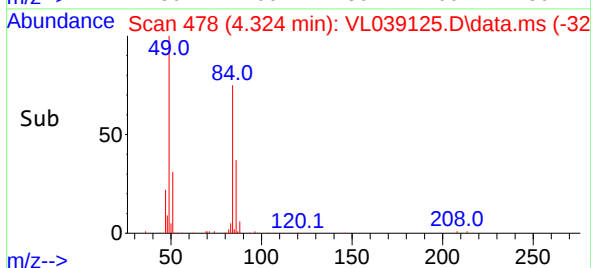
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

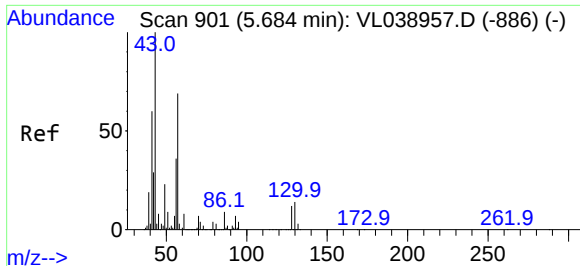


#20
Methylene Chloride
Concen: 1.909 ppbv m
RT: 4.324 min Scan# 478
Delta R.T. -0.019 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56



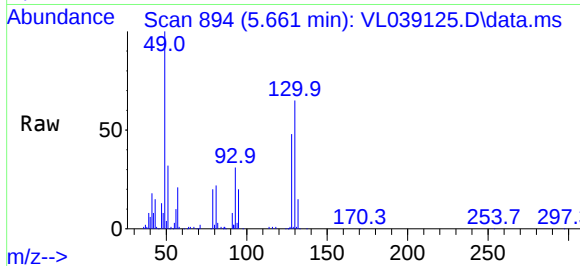
Tgt Ion: 84 Resp: 65557
Ion Ratio Lower Upper
84 100
49 134.0 119.9 179.9
51 41.5 35.7 53.5
86 49.9 53.8 80.6#





#26
Hexane
Concen: 0.523 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.022 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

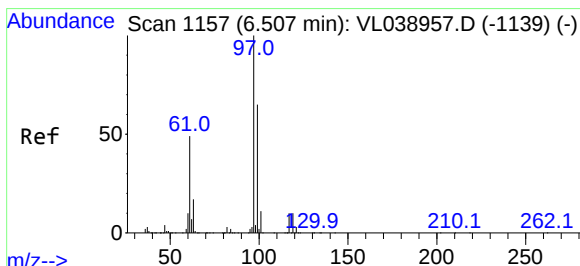
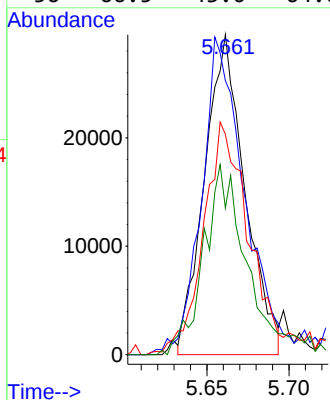
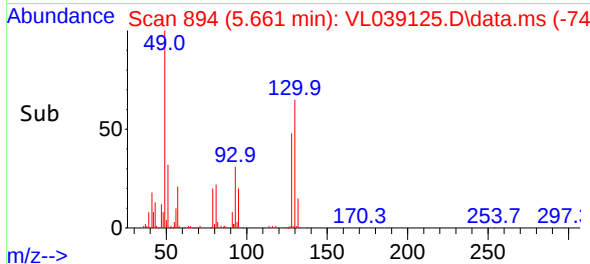
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 57 Resp: 50709
Ion Ratio Lower Upper
57 100
41 112.6 75.2 112.8
43 86.5 190.8 286.2
56 66.5 43.0 64.6

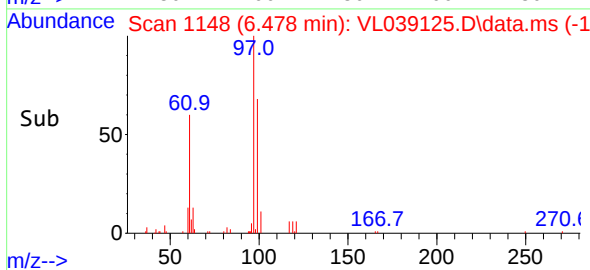
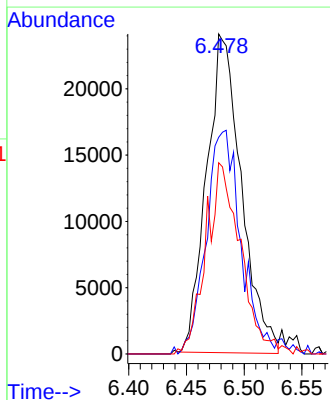
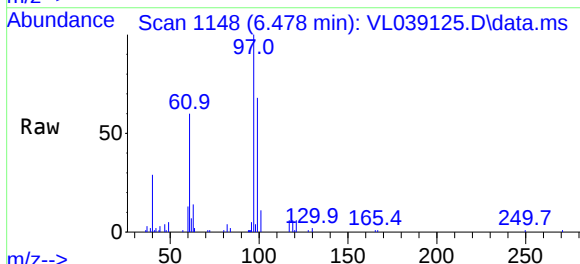
Manual Integrations
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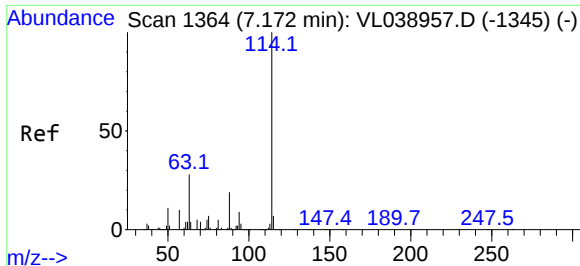
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#32
1,1,1-Trichloroethane
Concen: 0.321 ppbv
RT: 6.478 min Scan# 1148
Delta R.T. -0.029 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

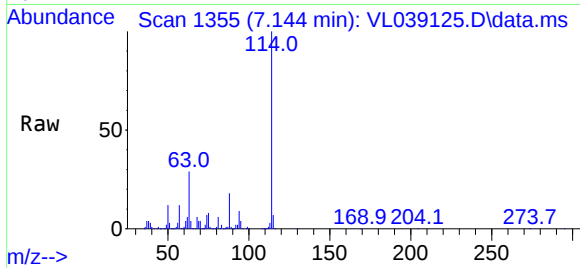
Tgt Ion: 97 Resp: 50267
Ion Ratio Lower Upper
97 100
99 71.8 51.9 77.9
61 60.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.144 min Scan# 114
Delta R.T. -0.029 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

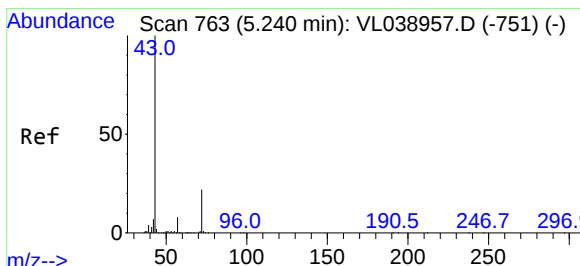
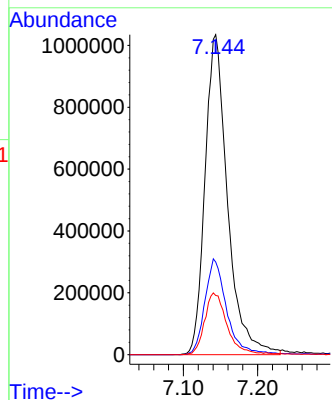
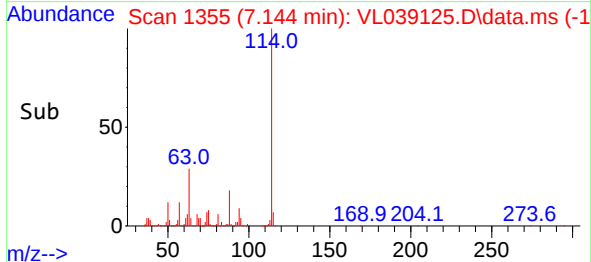
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion:114 Resp: 217885
Ion Ratio Lower Upper
114 100
63 29.3 22.6 33.8
88 19.6 15.4 23.0

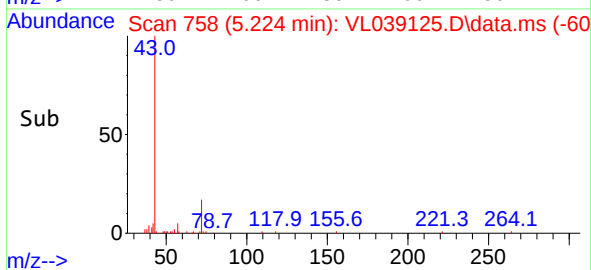
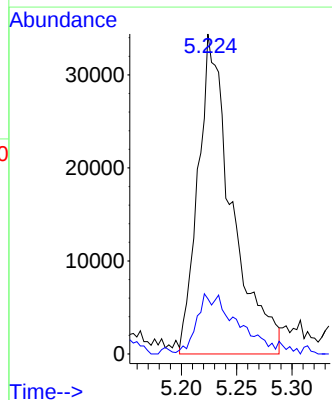
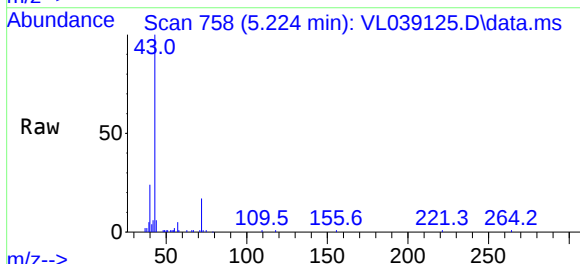
Manual Integrations
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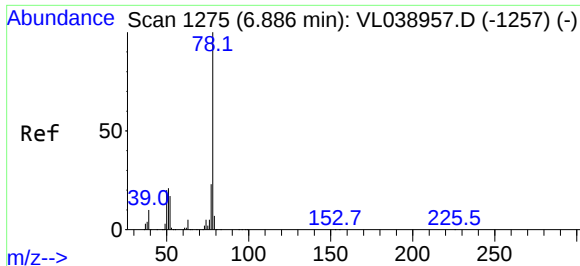
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#34
2-Butanone
Concen: 0.658 ppbv m
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

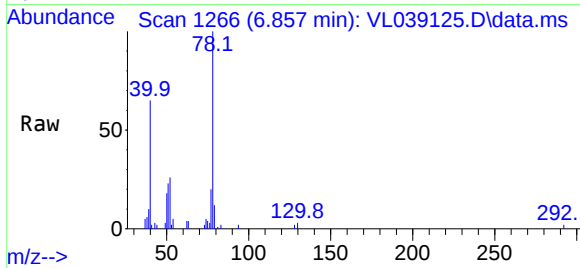
Tgt Ion: 43 Resp: 73163
Ion Ratio Lower Upper
43 100
72 24.6 17.8 26.6





#36
Benzene
Concen: 0.140 ppbv m
RT: 6.857 min Scan# 11
Delta R.T. -0.029 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

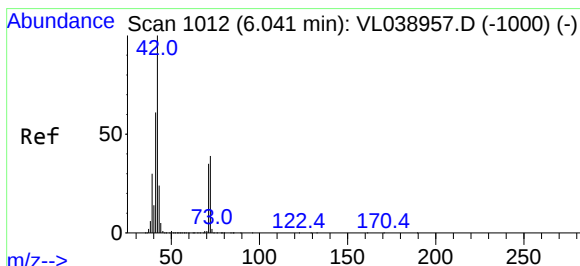
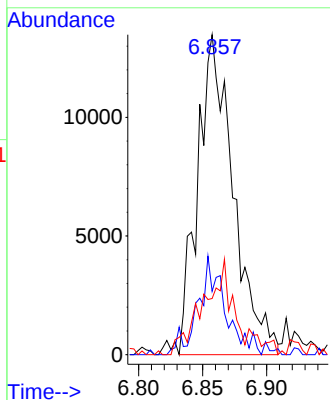
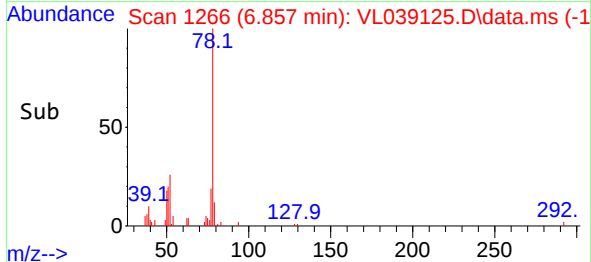
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 78 Resp: 26124
Ion Ratio Lower Upper
78 100
77 19.8 18.6 28.0
50 17.5 15.6 23.4

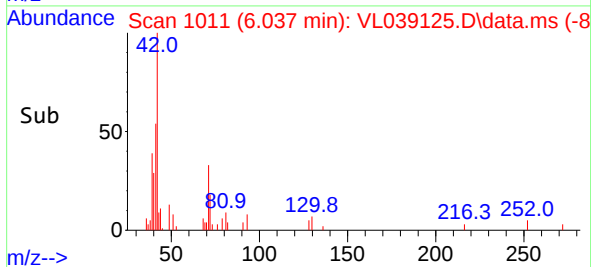
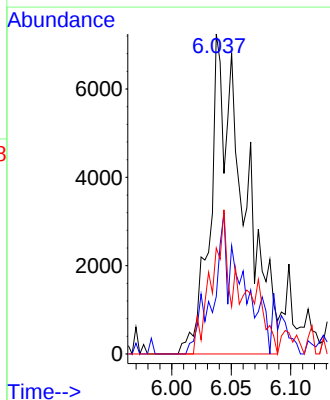
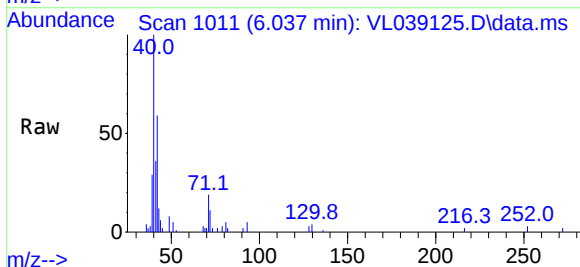
Manual Integrations
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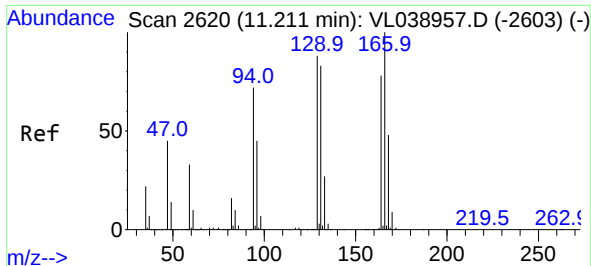
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#41
Tetrahydrofuran
Concen: 0.190 ppbv m
RT: 6.037 min Scan# 1011
Delta R.T. -0.003 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

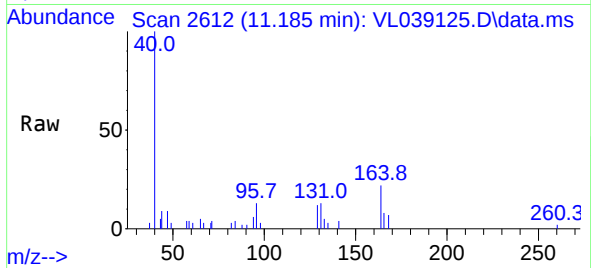
Tgt Ion: 42 Resp: 14166
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.6#
71 0.0 30.6 45.8#





#52
Tetrachloroethene
Concen: 0.034 ppbv m
RT: 11.185 min Scan# 2170
Delta R.T. -0.026 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

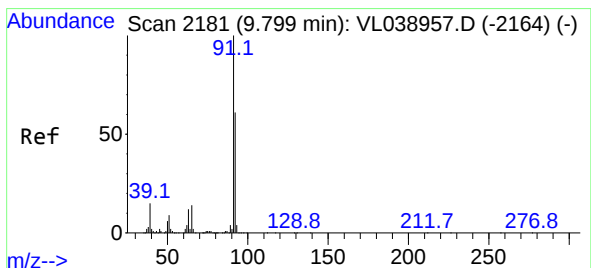
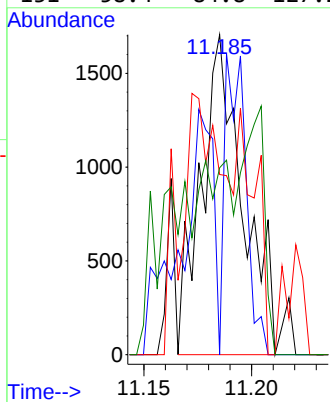
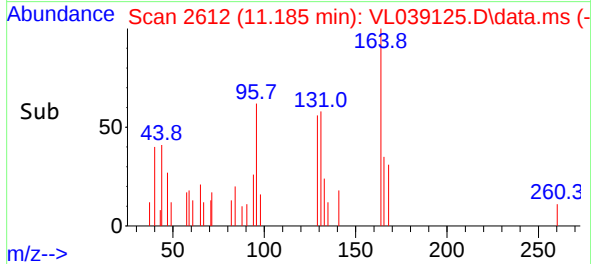
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion:164 Resp: 2275
Ion Ratio Lower Upper
164 100
166 0.0 102.5 153.7
129 56.3 90.1 135.1
131 58.4 84.8 127.2

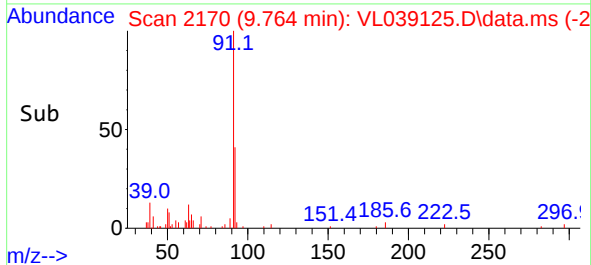
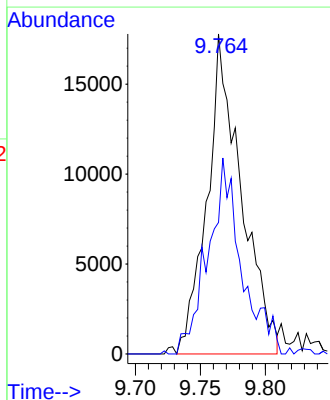
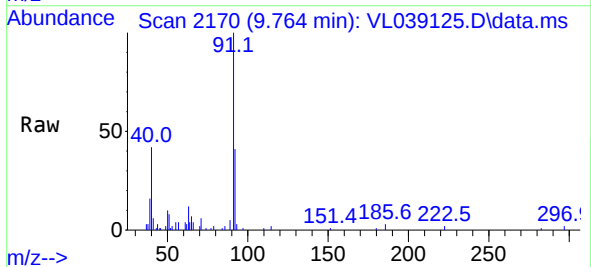
Manual Integrations
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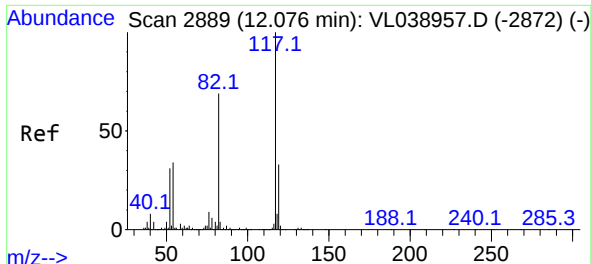
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#53
Toluene
Concen: 0.155 ppbv m
RT: 9.764 min Scan# 2170
Delta R.T. -0.035 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

Tgt Ion: 91 Resp: 32482
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2





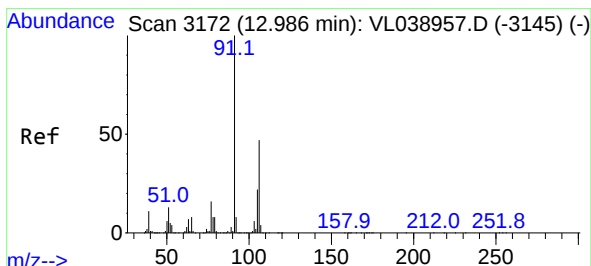
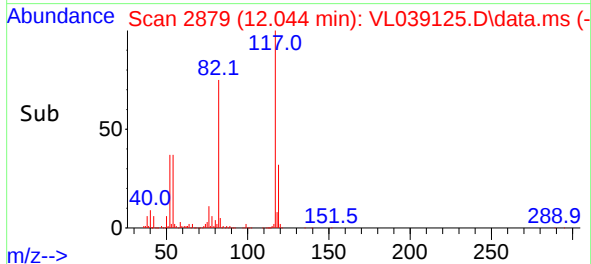
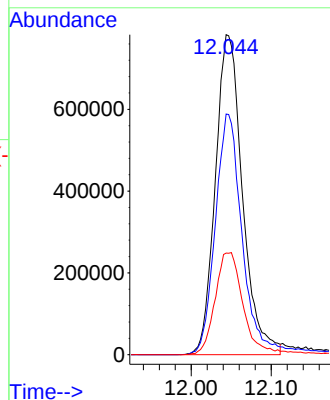
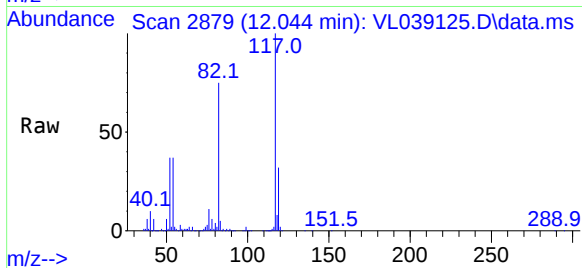
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.044 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion:117 Resp: 1842448
Ion Ratio Lower Upper
117 100
82 77.0 57.0 85.6
119 33.5 27.2 40.8

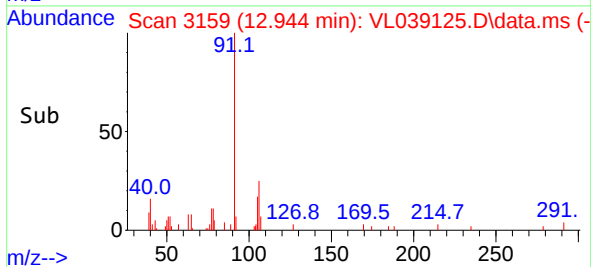
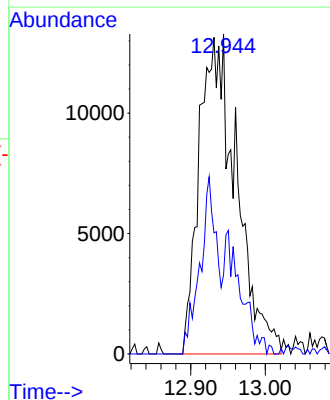
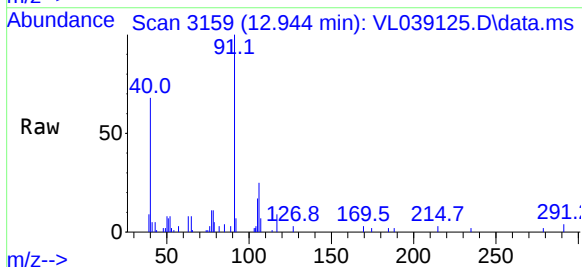
Manual Integrations
APPROVED

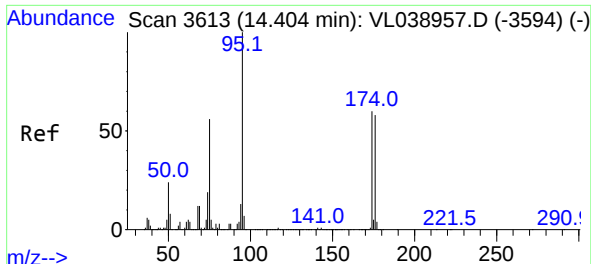
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#59
m/p-Xylene
Concen: 0.202 ppbv m
RT: 12.944 min Scan# 3159
Delta R.T. -0.042 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

Tgt Ion: 91 Resp: 45653
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#





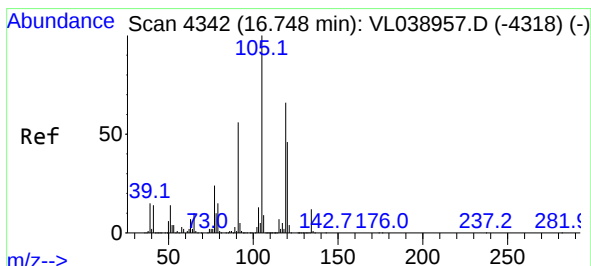
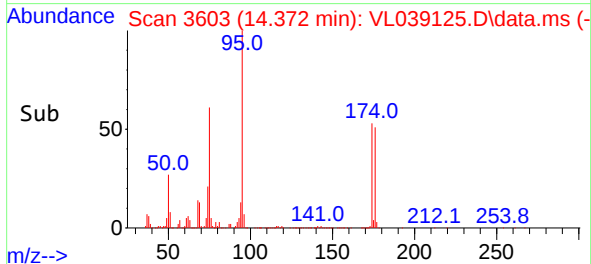
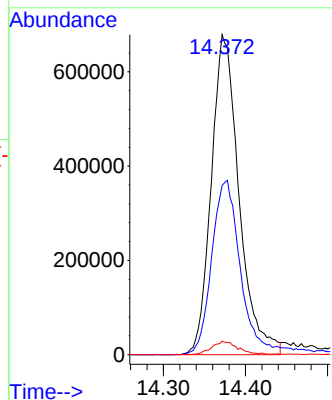
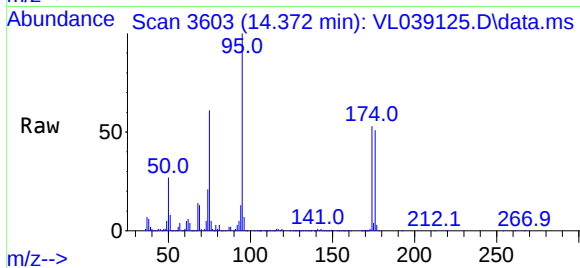
#68
1-Bromo-4-Fluorobenzene
Concen: 10.948 ppbv
RT: 14.372 min Scan# 30
Delta R.T. -0.032 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 95 Resp: 159740
Ion Ratio Lower Upper
95 100
174 58.6 50.8 76.2
175 4.3 3.8 5.6

Manual Integrations
APPROVED

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



#74
1,2,4-Trimethylbenzene
Concen: 0.190 ppbv m
RT: 16.722 min Scan# 4334
Delta R.T. -0.026 min
Lab File: VL039125.D
Acq: 25 May 2022 19:56

Tgt Ion:105 Resp: 45349
Ion Ratio Lower Upper
105 100
120 44.7 36.9 55.3
91 19.5 45.0 67.4#
77 14.0 19.2 28.8#

