

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038394.D
 Acq On : 22 Feb 2022 18:19
 Operator : SY/AP
 Sample : N1607-05DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-11DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 23 07:06:35 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.668	49	933674	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.173	114	2317078	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.082	117	2091123	10.000	ppbv	# 0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1690804	9.772	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
10) Heptane	8.121	43	44838	0.338	ppbv	92
13) Ethanol	3.626	45	29352m	5.403	ppbv	
15) Acetone	3.861	43	17945m	0.226	ppbv	
17) tert-Butyl alcohol	4.317	59	49204m	0.621	ppbv	
20) Methylene Chloride	4.346	84	24471	0.622	ppbv	91
26) Hexane	5.690	57	71715	0.742	ppbv #	40
30) Cyclohexane	7.134	84	49824	0.631	ppbv #	80
44) 2,2,4-Trimethylpentane	7.870	57	317967	0.907	ppbv #	81
53) Toluene	9.803	91	595211	2.687	ppbv	99
58) Ethyl Benzene	12.706	91	67858	0.237	ppbv	95
60) o-Xylene	13.687	91	88159	0.380	ppbv	98
61) Styrene	13.523	104	18914	0.177	ppbv #	76
73) 1,3,5-Trimethylbenzene	15.992	105	39247	0.169	ppbv #	86

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

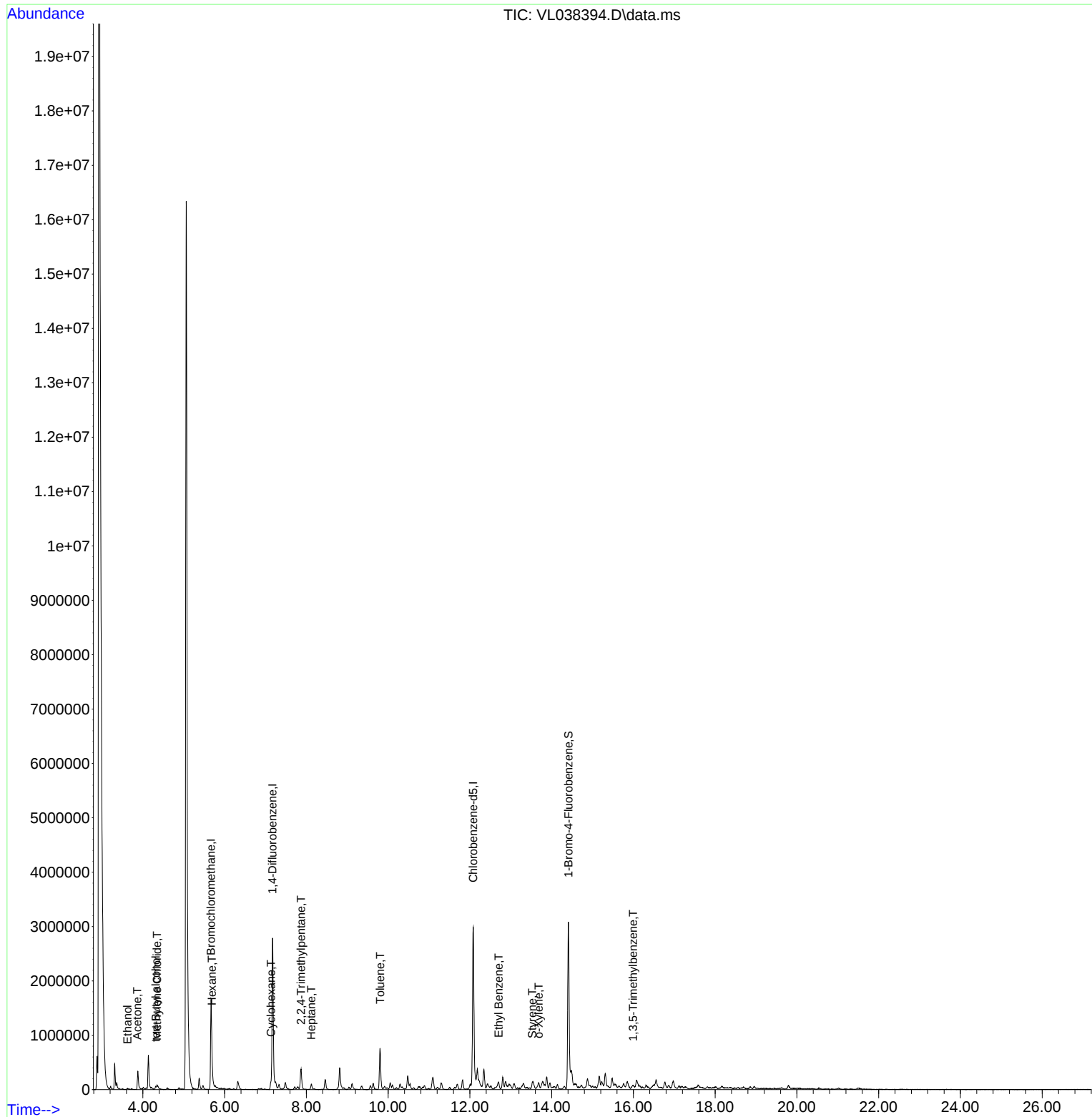
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
Data File : VL038394.D
Acq On : 22 Feb 2022 18:19
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Sample : N1607-05DL 40X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

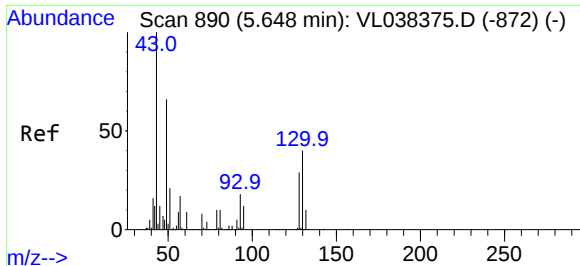
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL

Manual Integrations
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Supervised By :Mahesh Dadoda 02/25/2022

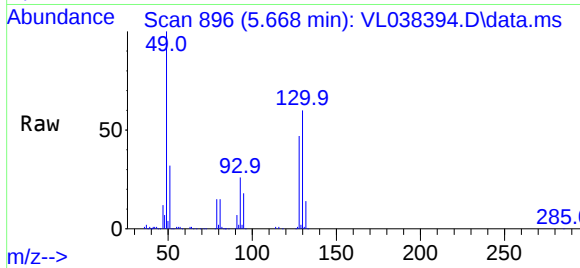
Quant Time: Feb 23 07:06:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Feb
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 890
Delta R.T. 0.019 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

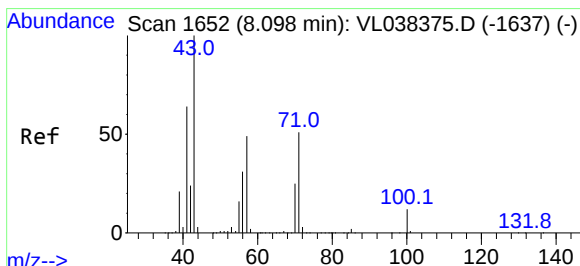
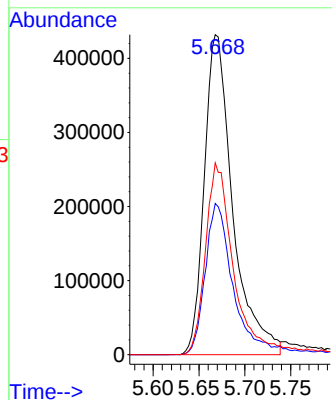
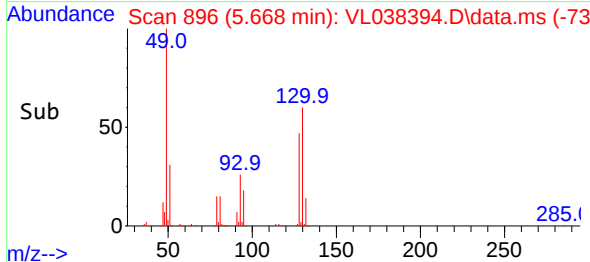
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



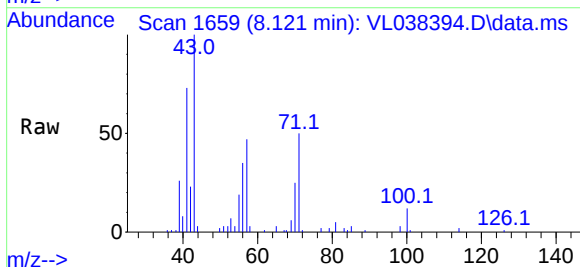
Tgt Ion: 49 Resp: 933674
Ion Ratio Lower Upper
49 100
128 49.2 24.3 72.9
130 61.7 30.1 90.5

Manual Integrations
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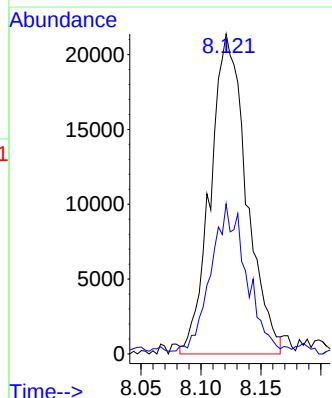
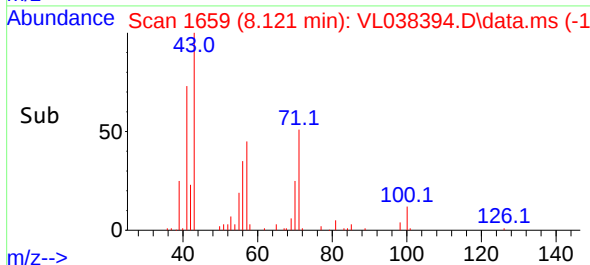
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

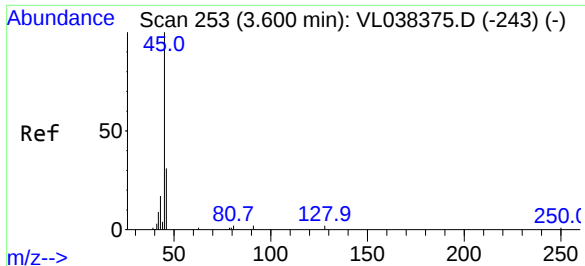


#10
Heptane
Concen: 0.338 ppbv
RT: 8.121 min Scan# 1659
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19



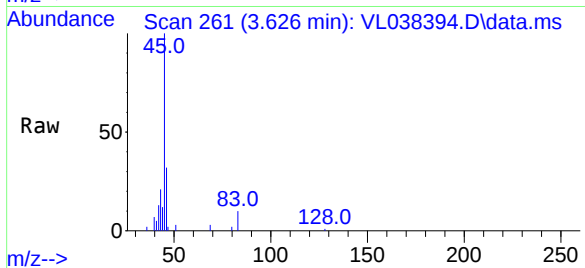
Tgt Ion: 43 Resp: 44838
Ion Ratio Lower Upper
43 100
57 44.6 39.8 59.8





#13
Ethanol
Concen: 5.403 ppbv m
RT: 3.626 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

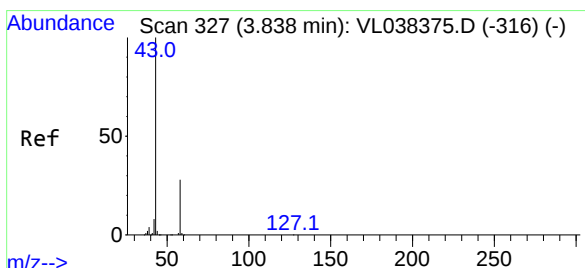
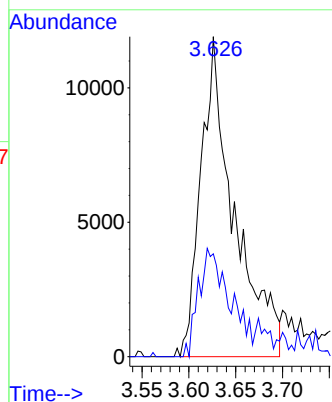
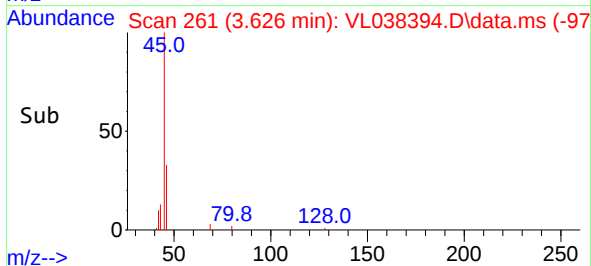
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



Tgt Ion: 45 Resp: 2935
Ion Ratio Lower Upper
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46 0.0 18.2 72.8

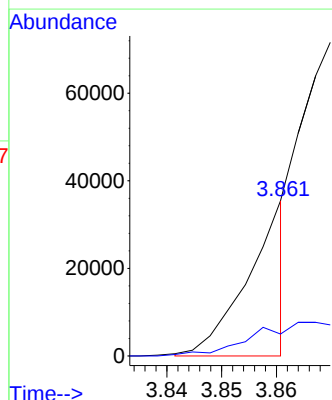
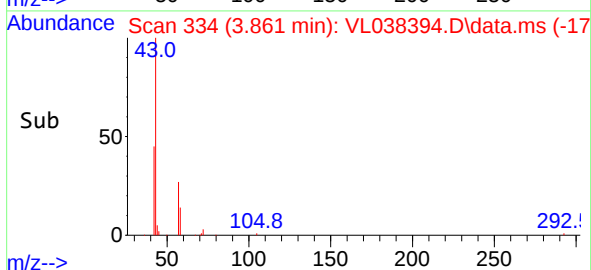
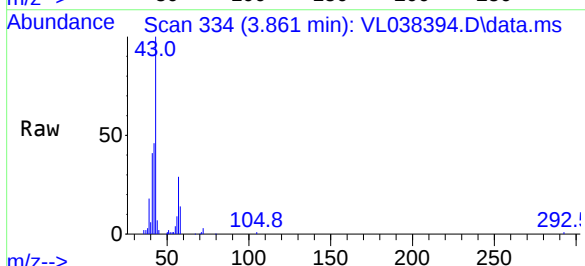
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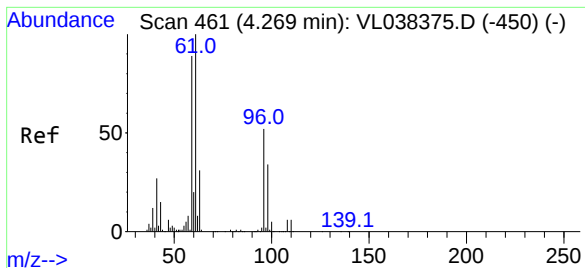
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#15
Acetone
Concen: 0.226 ppbv m
RT: 3.861 min Scan# 334
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

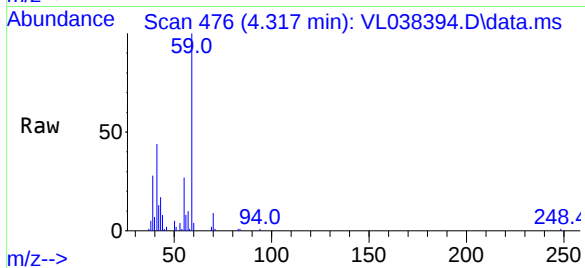
Tgt Ion: 43 Resp: 17945
Ion Ratio Lower Upper
43 100
58 118.0 21.7 32.5





#17
tert-Butyl alcohol
Concen: 0.621 ppbv
RT: 4.317 min Scan# 41
Delta R.T. 0.048 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

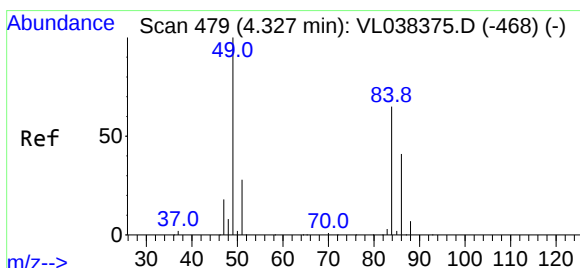
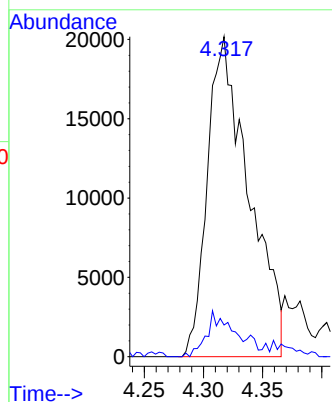
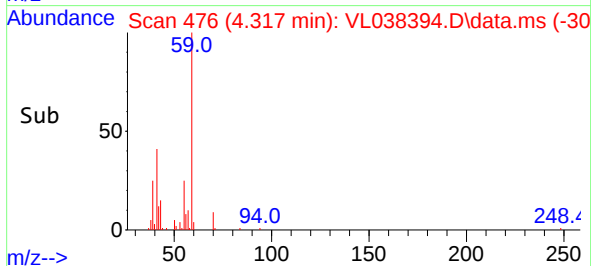
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



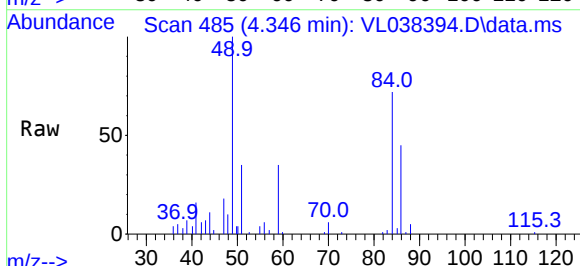
Tgt Ion: 59 Resp: 49204
Ion Ratio Lower Upper
59 100
57 12.9 8.4 12.6

Manual Integrations
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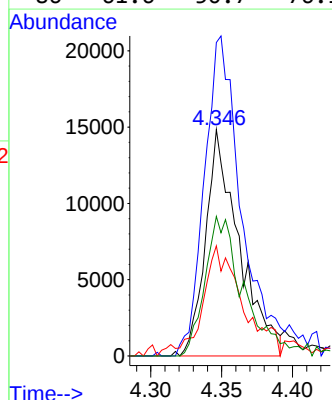
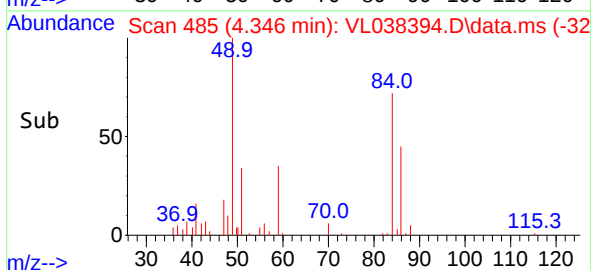
Reviewed By :Semsettin Yesilyurt 02/23/2022
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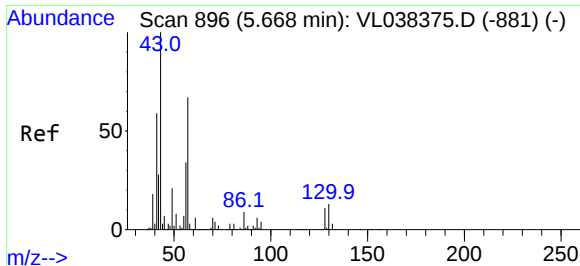


#20
Methylene Chloride
Concen: 0.622 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.019 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19



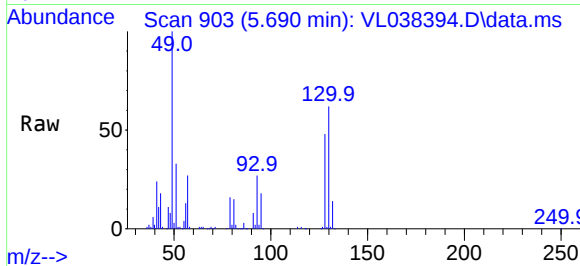
Tgt Ion: 84 Resp: 24471
Ion Ratio Lower Upper
84 100
49 139.4 122.4 183.6
51 48.6 33.3 49.9
86 61.6 50.7 76.1





#26
Hexane
Concen: 0.742 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

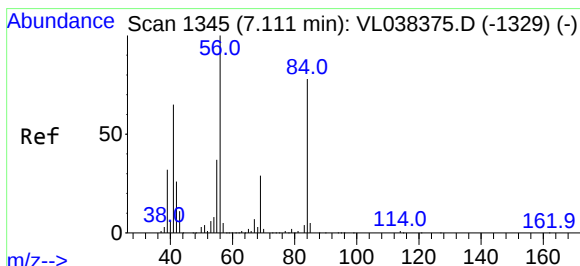
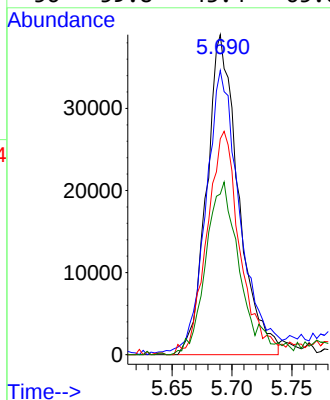
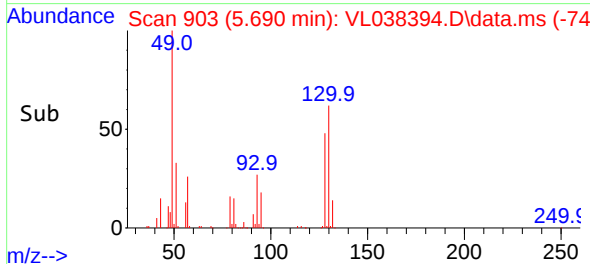
Instrument :
MSVOA_L
Client Sample Id :
MP-11DL



Tgt Ion: 57 Resp: 71715
Ion Ratio Lower Upper
57 100
41 100.7 73.1 109.7
43 73.2 181.0 271.4
56 59.8 43.4 65.0

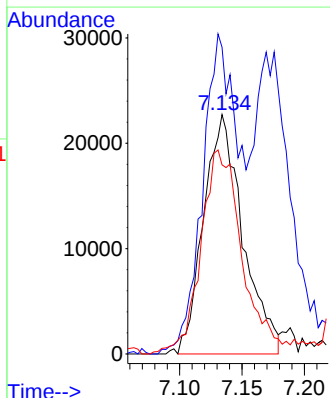
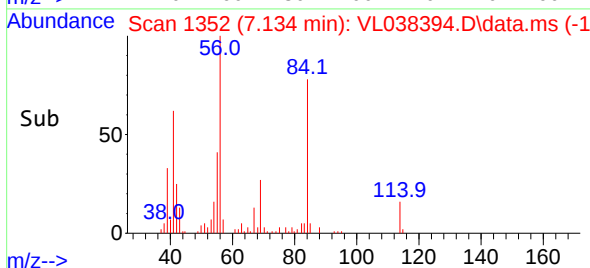
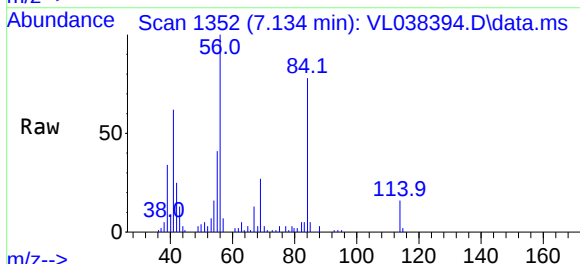
Manual Integrations
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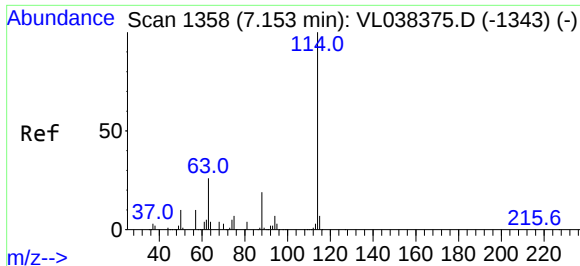
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#30
Cyclohexane
Concen: 0.631 ppbv
RT: 7.134 min Scan# 1352
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

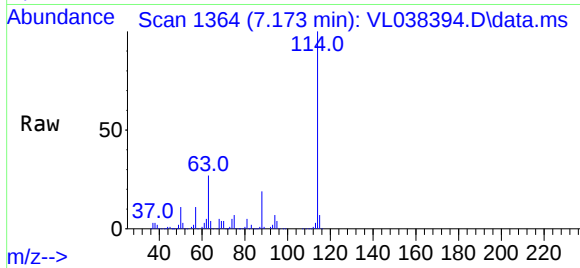
Tgt Ion: 84 Resp: 49824
Ion Ratio Lower Upper
84 100
56 106.3 116.2 174.4
41 90.0 74.3 111.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 1114
Delta R.T. 0.019 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

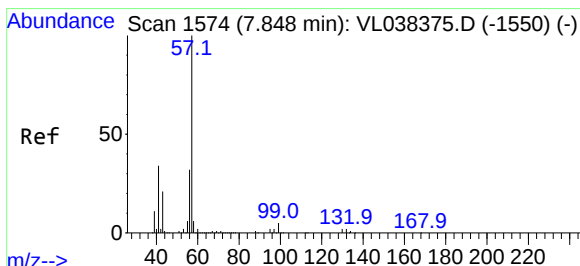
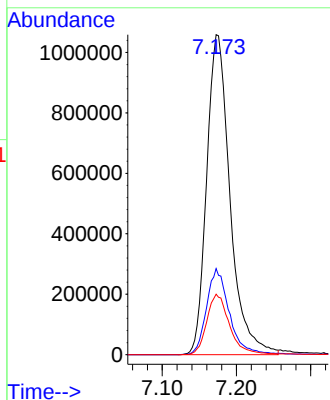
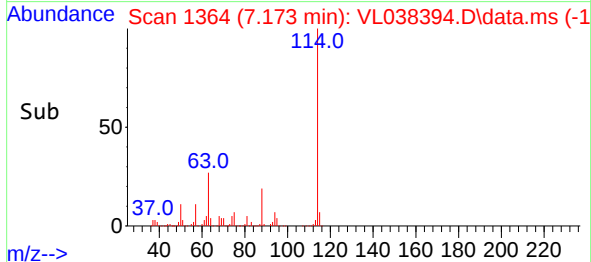
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



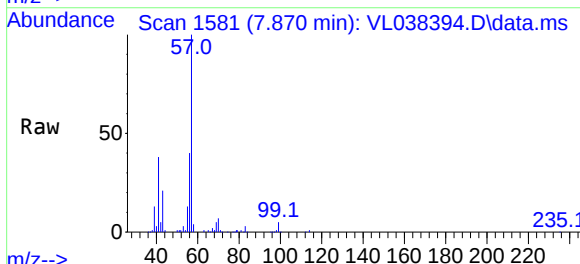
Tgt Ion: 114 Resp: 2317078
Ion Ratio Lower Upper
114 100
63 26.6 22.2 33.2
88 18.8 15.2 22.8

Manual Integrations
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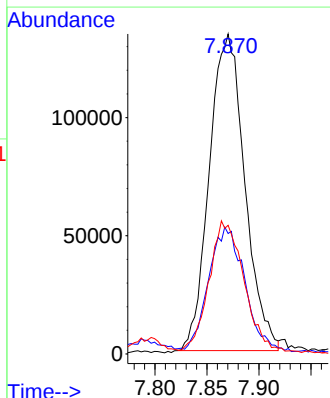
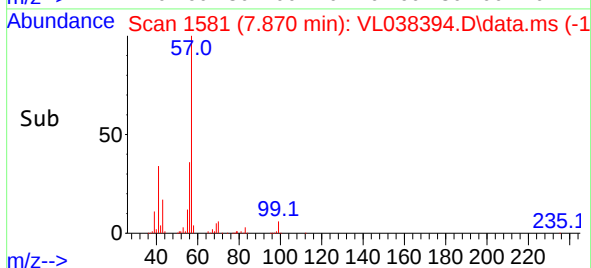
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022

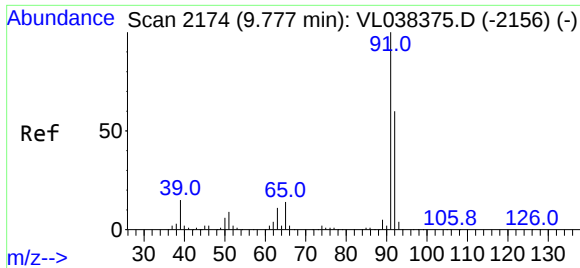


#44
2,2,4-Trimethylpentane
Concen: 0.907 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19



Tgt Ion: 57 Resp: 317967
Ion Ratio Lower Upper
57 100
41 42.4 26.6 39.8#
56 43.2 25.0 37.6#





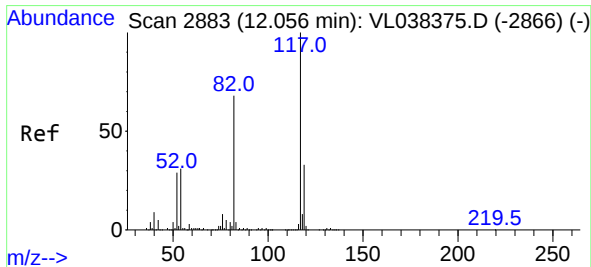
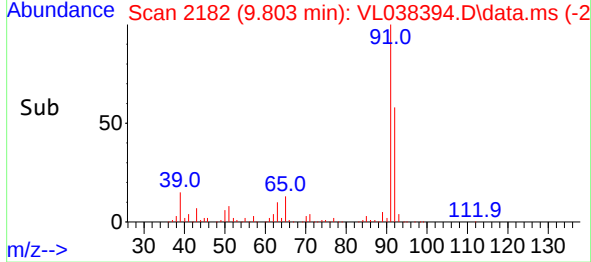
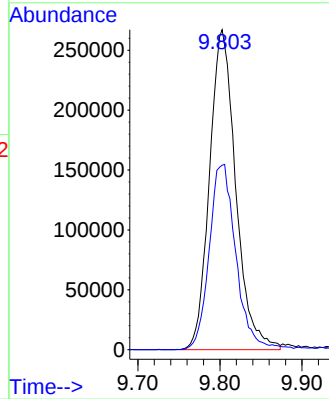
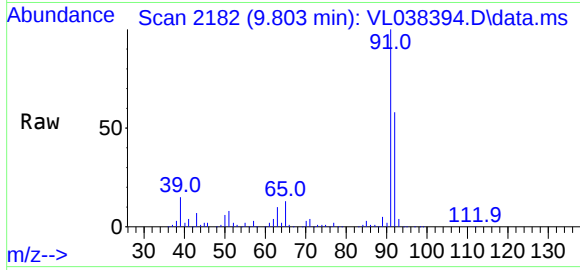
#53
Toluene
Concen: 2.687 ppbv
RT: 9.803 min Scan# 2174
Delta R.T. 0.026 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
MP-11DL

Tgt Ion: 91 Resp: 59521
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.4

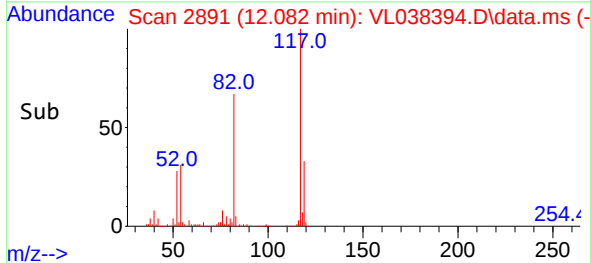
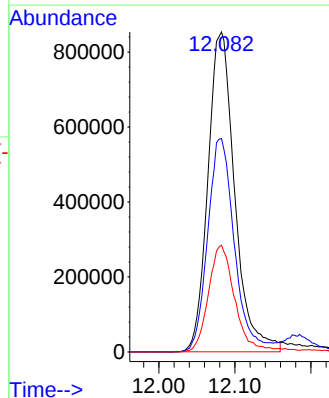
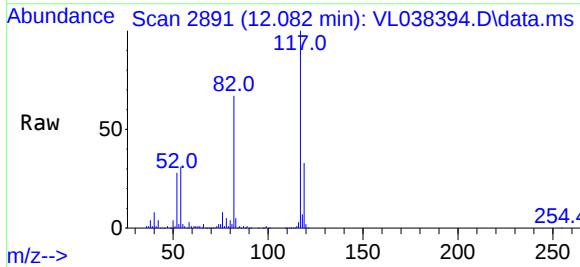
Manual Integrations
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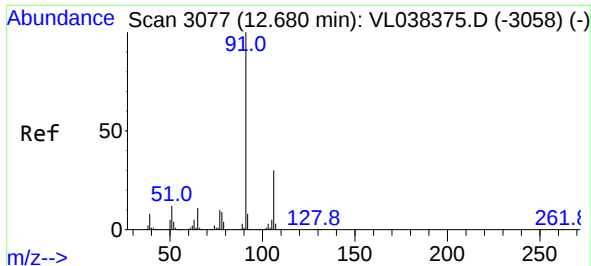
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.082 min Scan# 2891
Delta R.T. 0.026 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

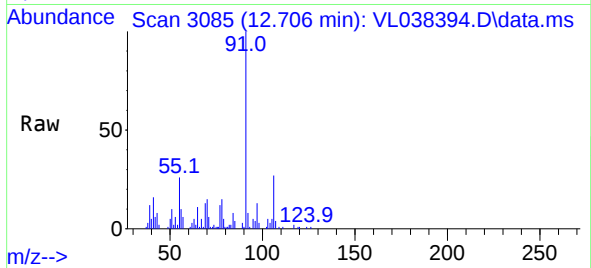
Tgt Ion:117 Resp: 2091123
Ion Ratio Lower Upper
117 100
82 67.0 54.9 82.3
119 33.8 46.1 69.1#





#58
Ethyl Benzene
Concen: 0.237 ppbv
RT: 12.706 min Scan# 3077
Delta R.T. 0.026 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

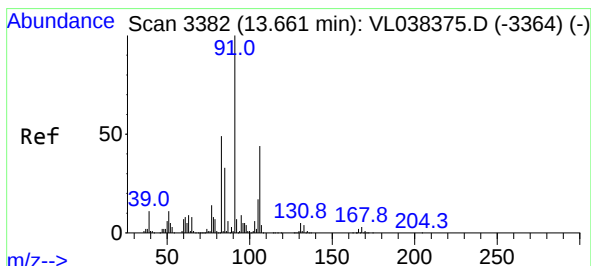
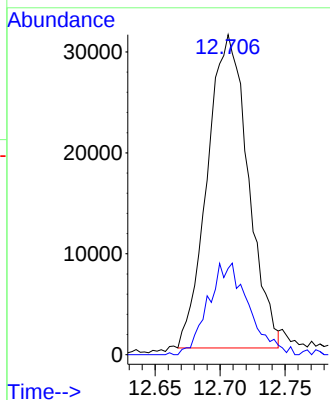
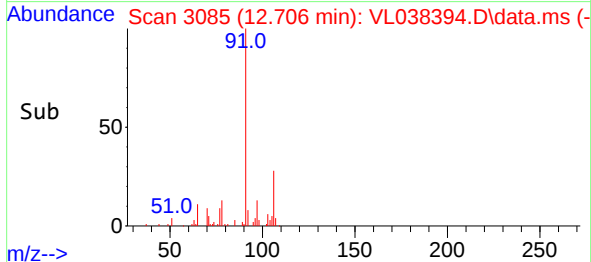
Instrument :
MSVOA_L
ClientSampleId :
MP-11DL



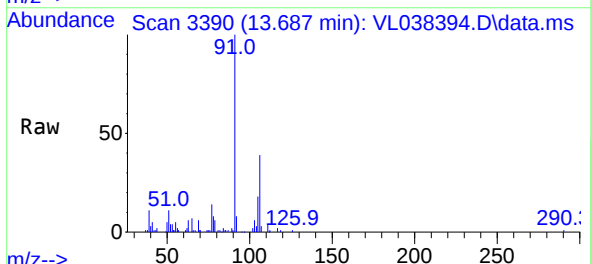
Tgt Ion: 91 Resp: 6785
Ion Ratio Lower Upper
91 100
106 27.5 24.0 36.0

Manual Integrations
APPROVED

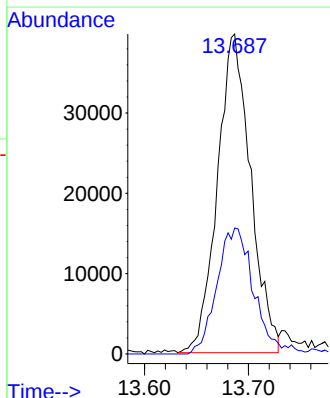
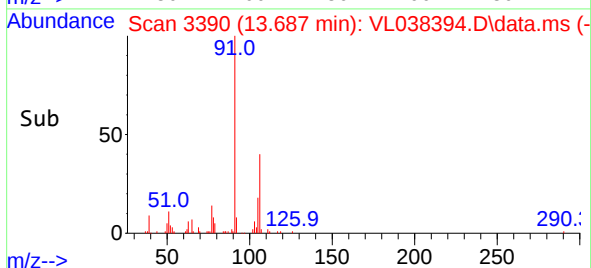
Reviewed By :Semsettin Yesilyurt 02/23/2022
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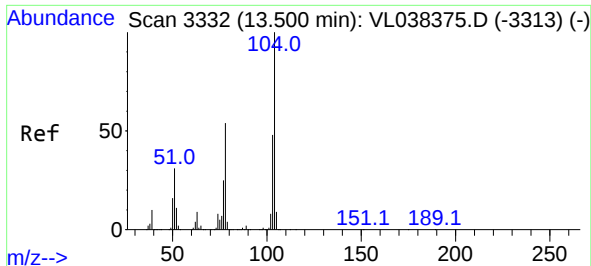


#60
o-Xylene
Concen: 0.380 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. 0.026 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19



Tgt Ion: 91 Resp: 88159
Ion Ratio Lower Upper
91 100
106 44.7 21.9 65.5





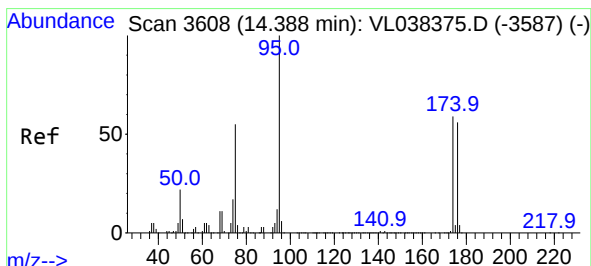
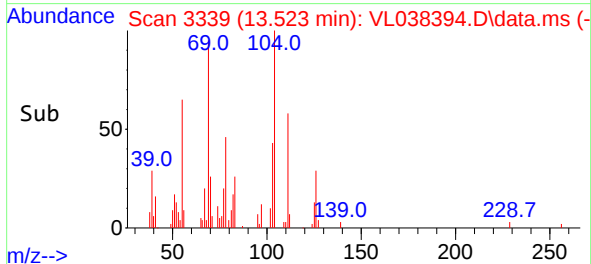
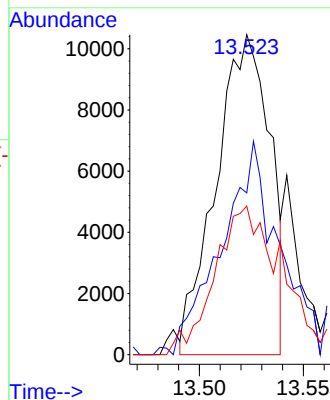
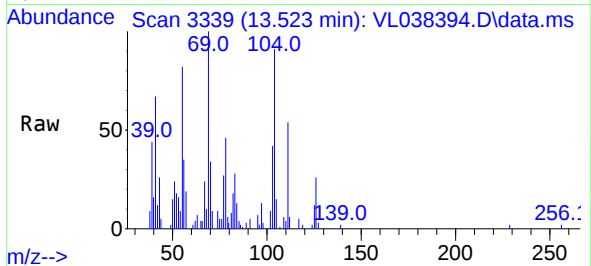
#61
Styrene
Concen: 0.177 ppbv
RT: 13.523 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

Instrument :
MSVOA_L
ClientSampleId :
MP-11DL

Tgt Ion:104 Resp: 18914
Ion Ratio Lower Upper
104 100
78 76.0 44.2 66.4
103 60.0 38.4 57.6

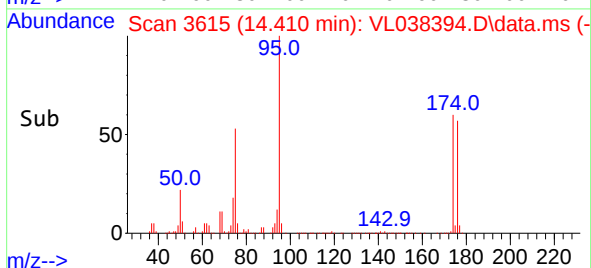
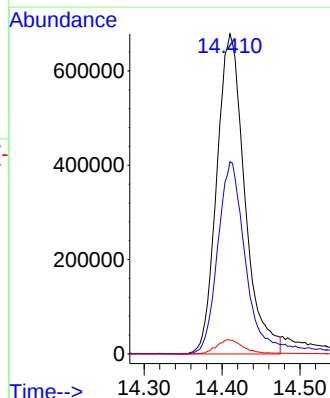
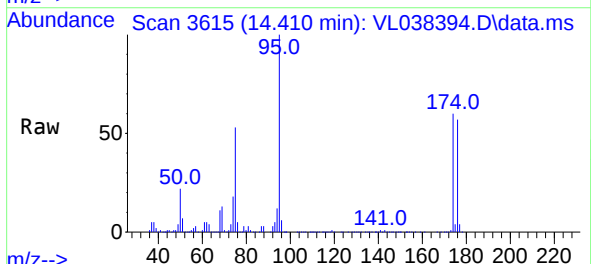
Manual Integrations
APPROVED

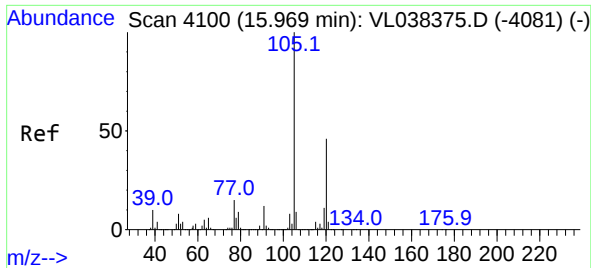
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Mahesh Dadoda 02/25/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 9.772 ppbv
RT: 14.410 min Scan# 3615
Delta R.T. 0.023 min
Lab File: VL038394.D
Acq: 22 Feb 2022 18:19

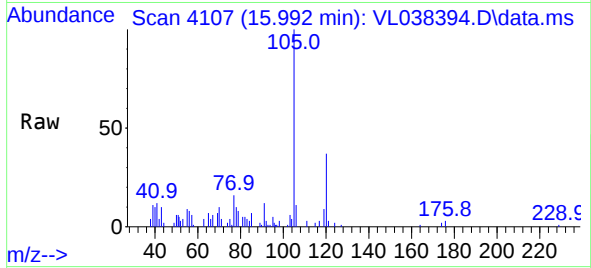
Tgt Ion: 95 Resp: 1690804
Ion Ratio Lower Upper
95 100
174 63.3 49.0 73.4
175 4.6 3.6 5.4





#73
 1,3,5-Trimethylbenzene
 Concen: 0.169 ppbv
 RT: 15.992 min Scan# 4107
 Delta R.T. 0.023 min
 Lab File: VL038394.D
 Acq: 22 Feb 2022 18:19

Instrument :
 MSVOA_L
 ClientSampleId :
 MP-11DL



Tgt Ion:105 Resp: 3924
 Ion Ratio Lower Upper
 105 100
 120 36.5 36.6 55.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Mahesh Dadoda 02/25/2022

