

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039128.D
 Acq On : 26 May 2022 10:03
 Operator : SY/AP
 Sample : N2957-05DL 10X
 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 27 04:27:50 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 05 10:12:15 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	5.645	49	983291	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2272207	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	1925467	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.378	95	1630861	10.695	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds						
					Qvalue	
9) Propene	3.015	41	22454m	0.421	ppbv	
13) Ethanol	3.587	45	50933m	13.507	ppbv	
15) Acetone	3.832	43	863628	9.311	ppbv	95
29) Chloroform	5.729	83	150163	0.941	ppbv	95
34) 2-Butanone	5.234	43	72043m	0.621	ppbv	
38) Trichloroethene	7.803	130	13333m	0.154	ppbv	
52) Tetrachloroethene	11.188	164	173538	2.497	ppbv	95
53) Toluene	9.777	91	73092	0.335	ppbv	93
59) m/p-Xylene	12.934	91	92344m	0.390	ppbv	
60) o-Xylene	13.655	91	37546m	0.169	ppbv	
73) 1,3,5-Trimethylbenzene	15.963	105	24932m	0.109	ppbv	
74) 1,2,4-Trimethylbenzene	16.728	105	83780m	0.335	ppbv	

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

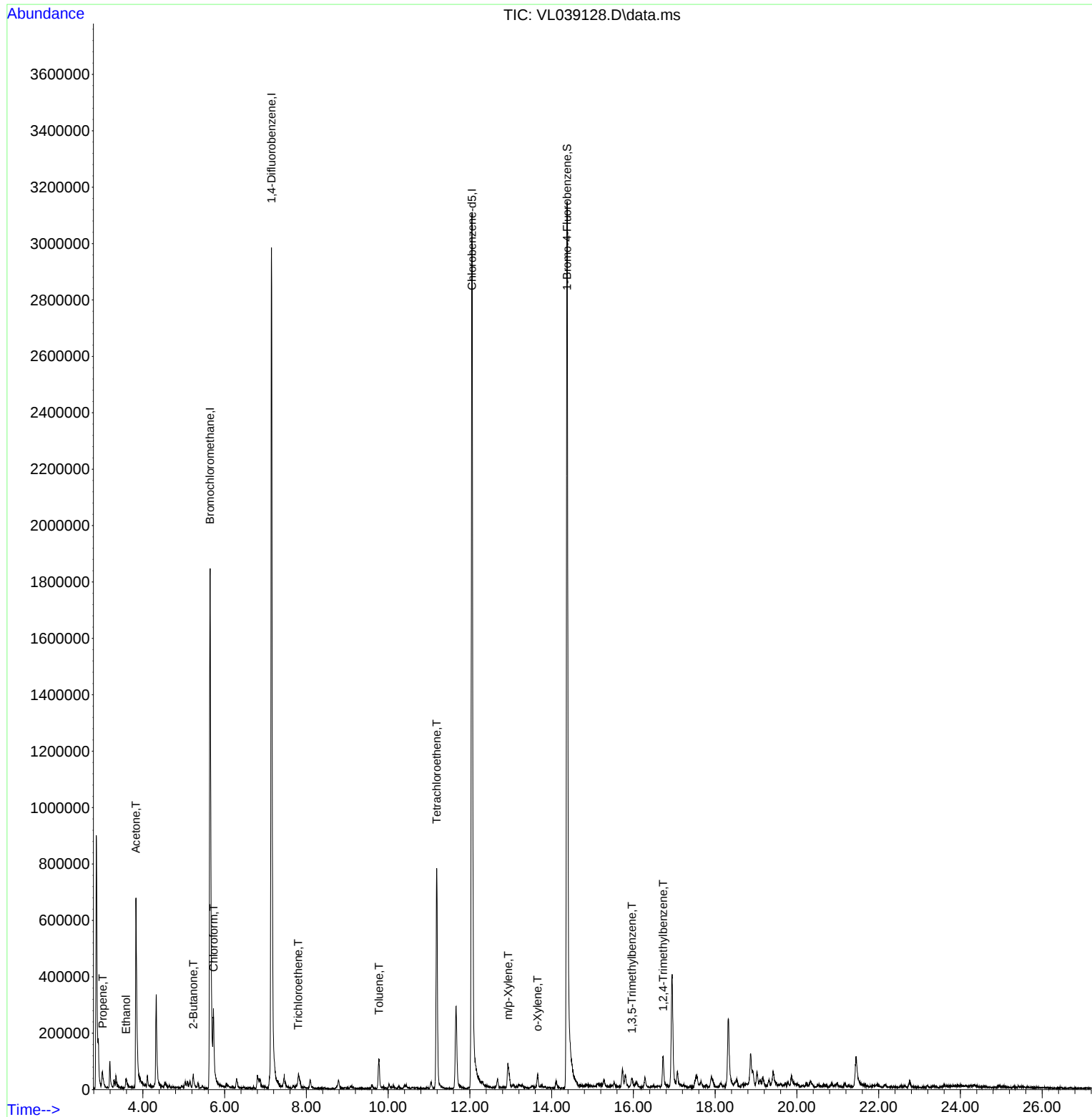
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
Data File : VL039128.D
Acq On : 26 May 2022 10:03
Operator : SY/AP
Sample : N2957-05DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

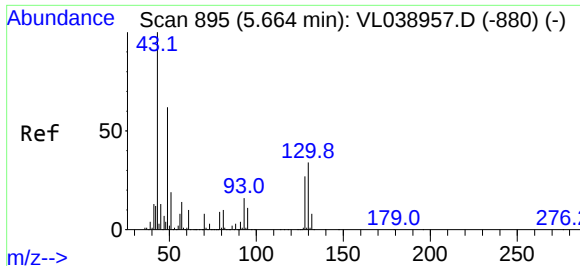
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Quant Time: May 27 04:27:50 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

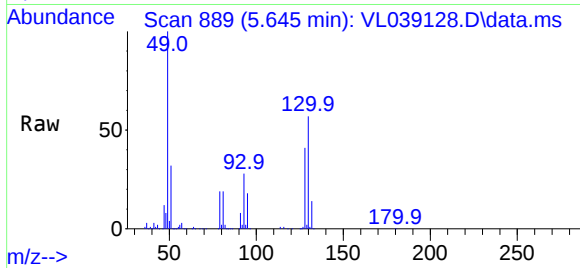
Reviewed By : Semsettin Yesilyurt 05/27/2022
Supervised By : Mahesh Dadoda 05/27/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

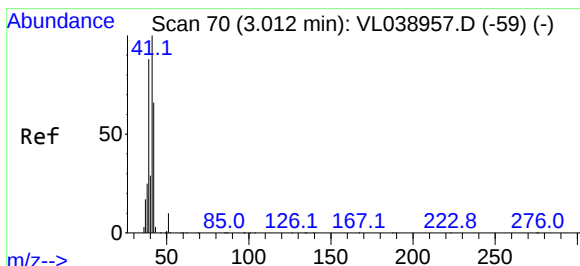
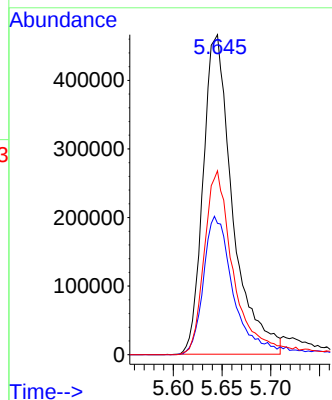
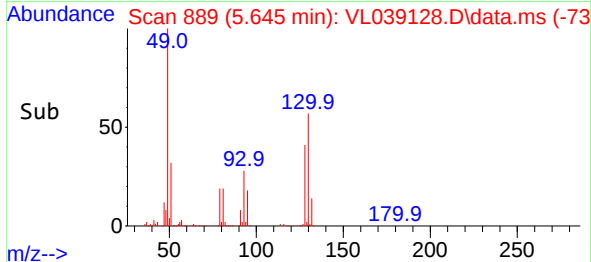
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 49 Resp: 98329
Ion Ratio Lower Upper
49 100
128 46.1 23.3 69.8
130 59.7 29.8 89.3

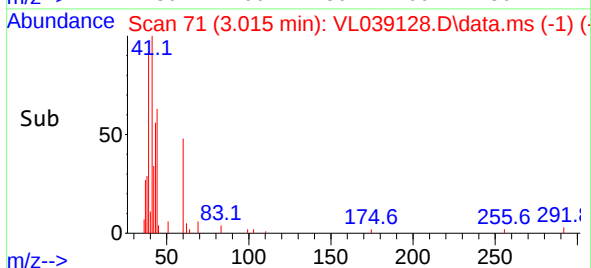
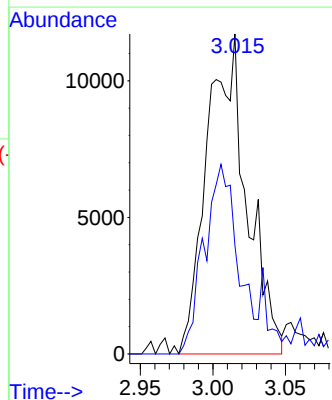
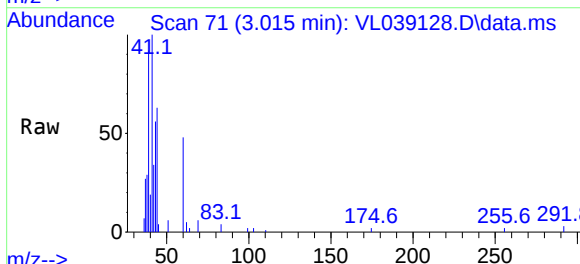
Manual Integrations
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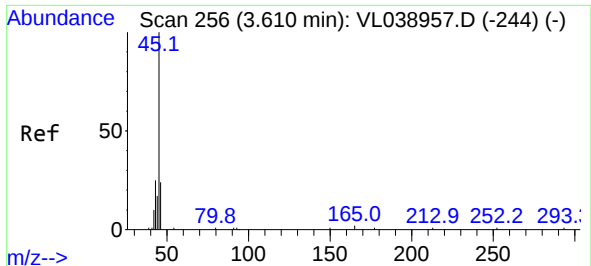
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#9
Propene
Concen: 0.421 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

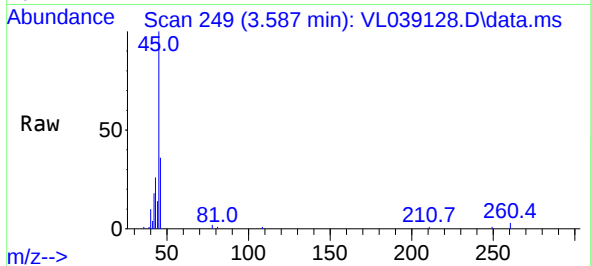
Tgt Ion: 41 Resp: 22454
Ion Ratio Lower Upper
41 100
42 31.2 58.3 87.5#





#13
Ethanol
Concen: 13.507 ppbv m
RT: 3.587 min Scan# 249
Delta R.T. -0.022 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

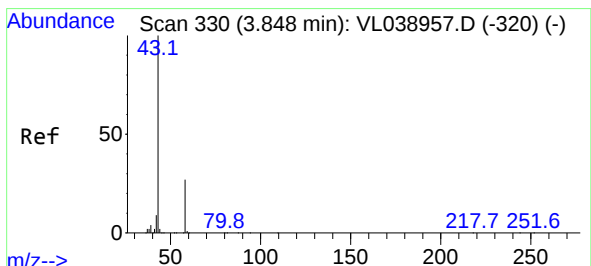
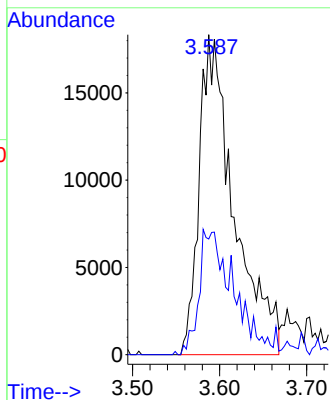
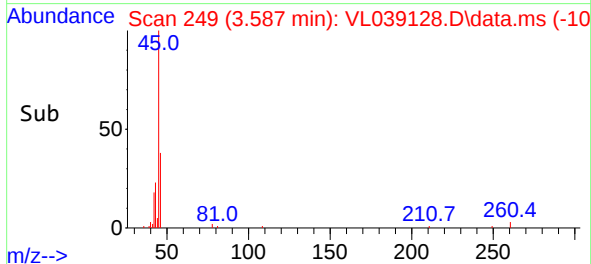
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 45 Resp: 50938
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

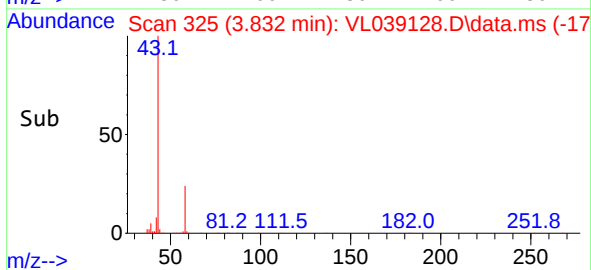
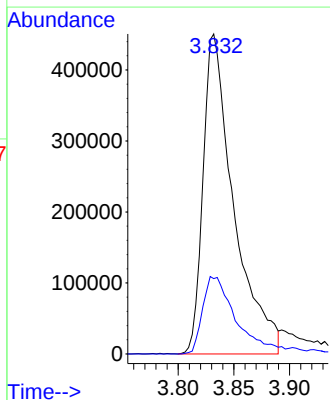
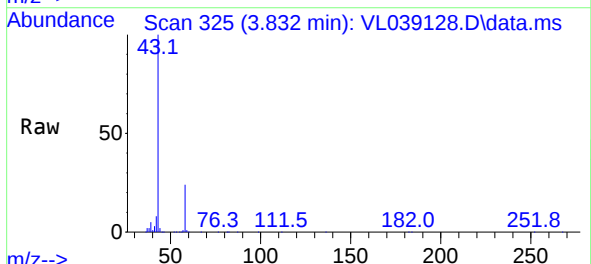
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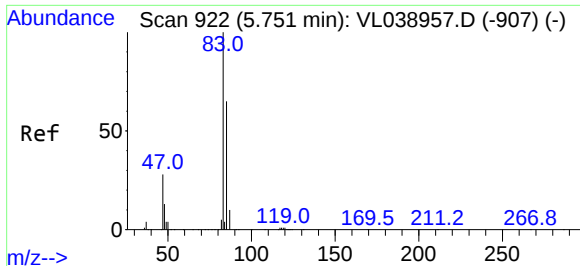
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#15
Acetone
Concen: 9.311 ppbv
RT: 3.832 min Scan# 325
Delta R.T. -0.016 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Tgt Ion: 43 Resp: 863628
Ion Ratio Lower Upper
43 100
58 29.2 21.3 31.9





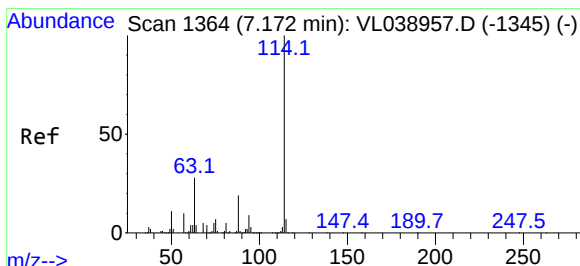
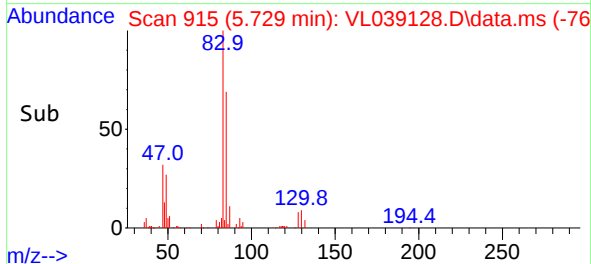
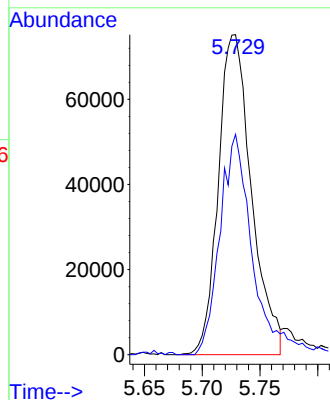
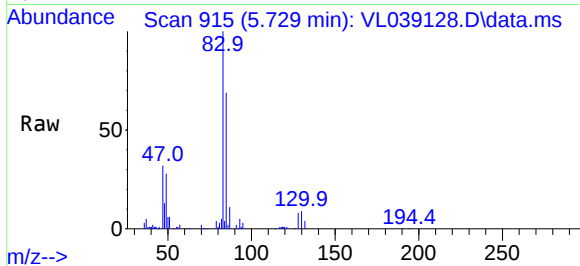
#29
Chloroform
Concen: 0.941 ppbv
RT: 5.729 min Scan# 915
Delta R.T. -0.022 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 83 Resp: 15016
Ion Ratio Lower Upper
83 100
85 68.9 51.8 77.6

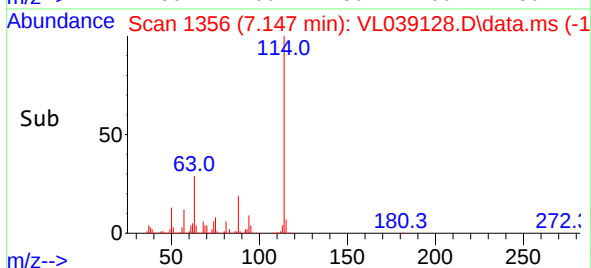
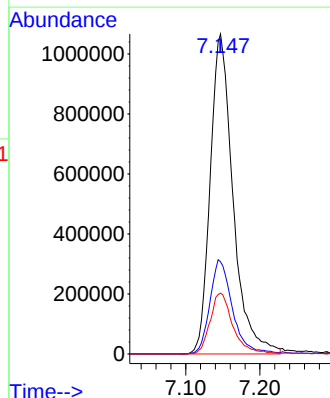
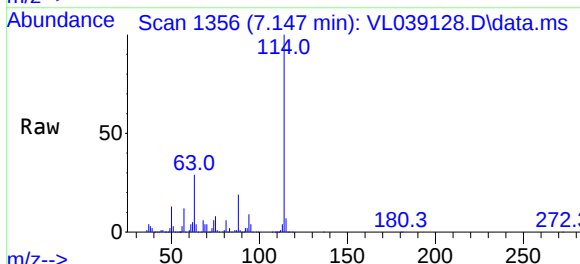
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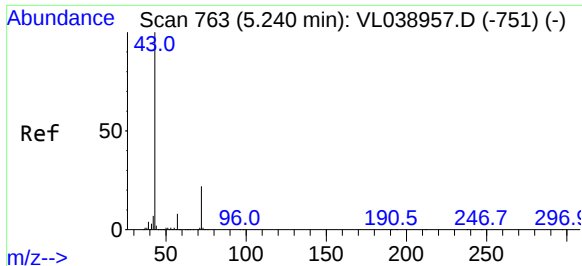
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. -0.026 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

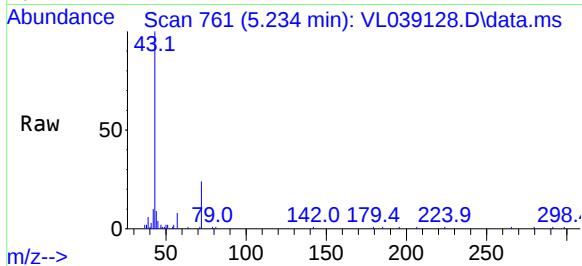
Tgt Ion:114 Resp: 2272207
Ion Ratio Lower Upper
114 100
63 29.6 22.6 33.8
88 19.4 15.4 23.0





#34
2-Butanone
Concen: 0.621 ppbv m
RT: 5.234 min Scan# 761
Delta R.T. -0.006 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

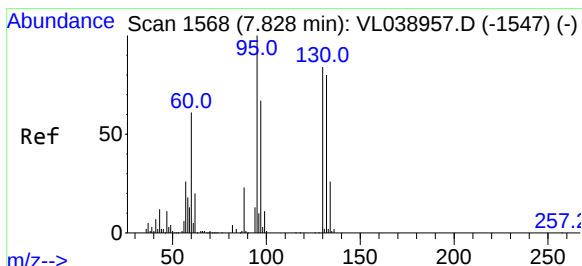
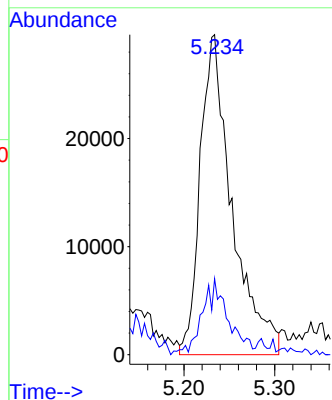
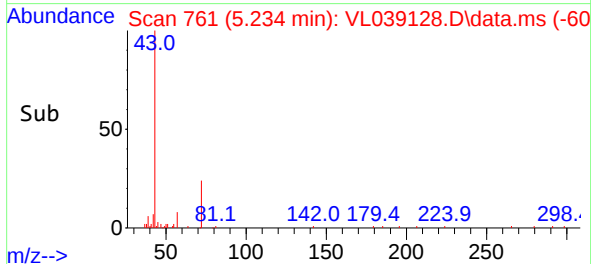
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 43 Resp: 7204
Ion Ratio Lower Upper
43 100
72 21.2 17.8 26.6

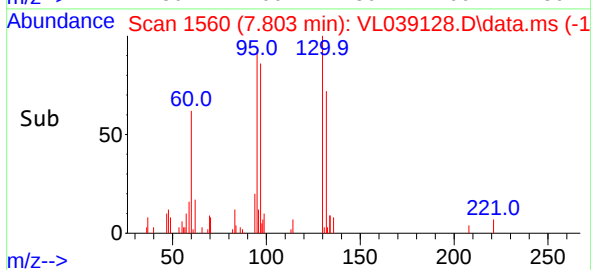
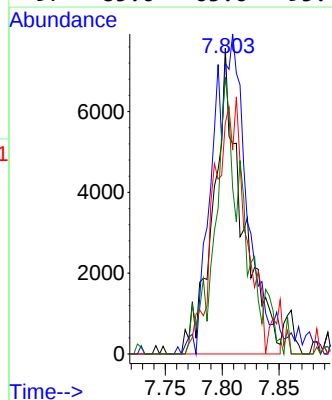
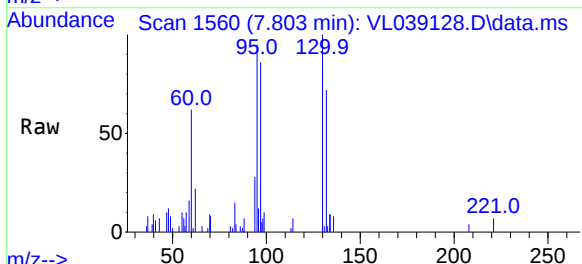
Manual Integrations
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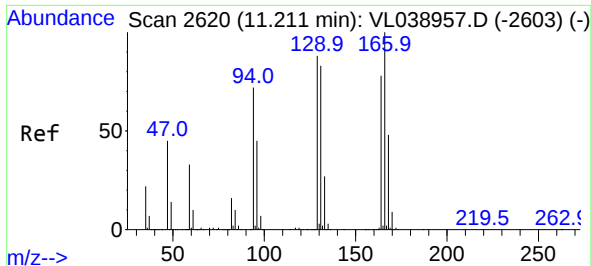
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Trichloroethene
Concen: 0.154 ppbv m
RT: 7.803 min Scan# 1560
Delta R.T. -0.026 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

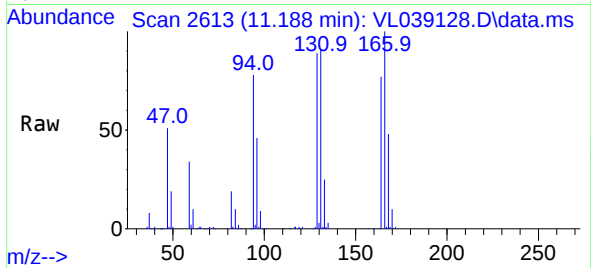
Tgt Ion:130 Resp: 13333
Ion Ratio Lower Upper
130 100
95 94.9 94.8 142.2
132 72.3 75.8 113.8#
97 85.6 63.6 95.4





#52
Tetrachloroethene
Concen: 2.497 ppbv
RT: 11.188 min Scan# 2174
Delta R.T. -0.022 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

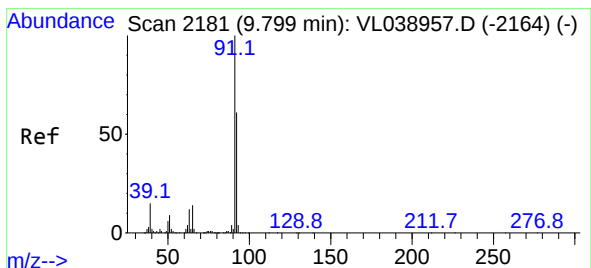
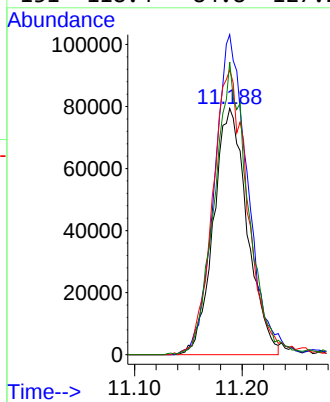
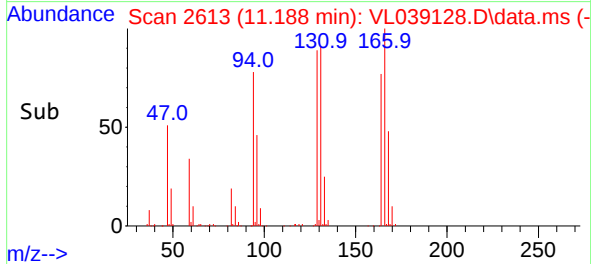
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion:164 Resp: 173538
Ion Ratio Lower Upper
164 100
166 129.4 102.5 153.7
129 115.7 90.1 135.1
131 118.4 84.8 127.2

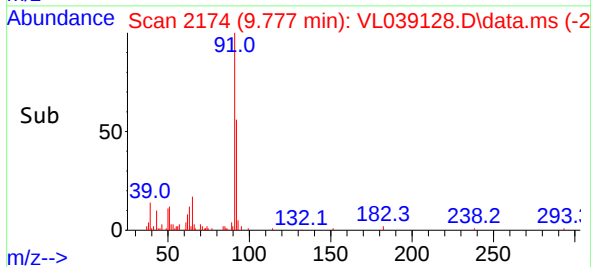
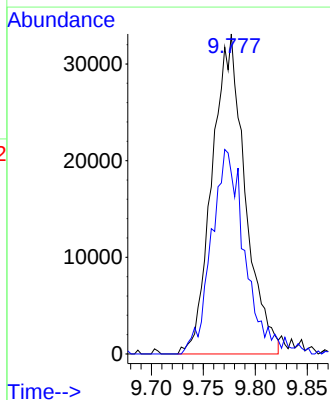
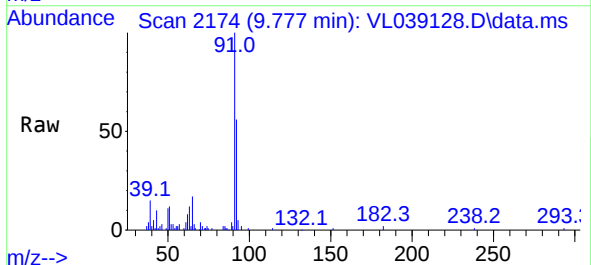
Manual Integrations
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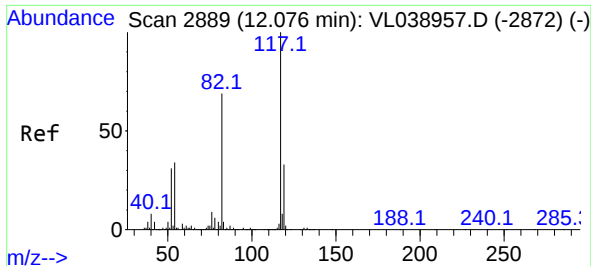
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#53
Toluene
Concen: 0.335 ppbv
RT: 9.777 min Scan# 2174
Delta R.T. -0.022 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

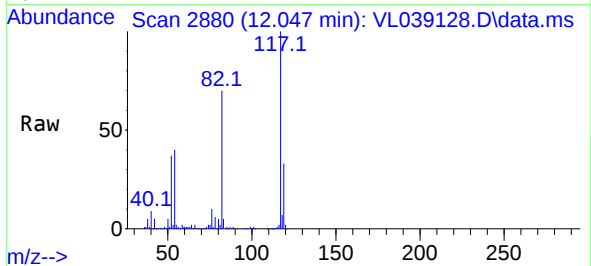
Tgt Ion: 91 Resp: 73092
Ion Ratio Lower Upper
91 100
92 65.7 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

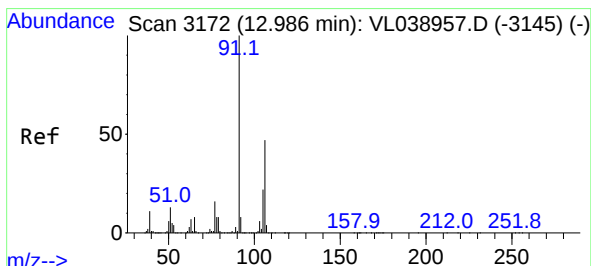
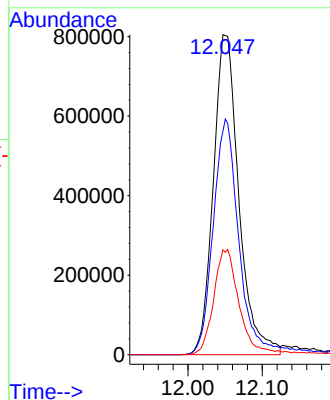
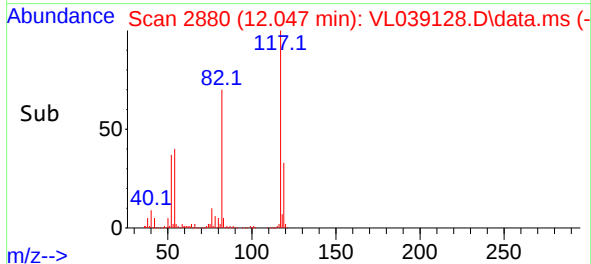
Instrument :
MSVOA_L
ClientSampleId :
VP-2DL



Tgt Ion: 117 Resp: 192546
Ion Ratio Lower Upper
117 100
82 75.3 57.0 85.6
119 34.0 27.2 40.8

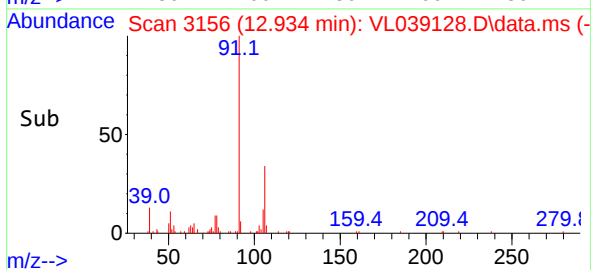
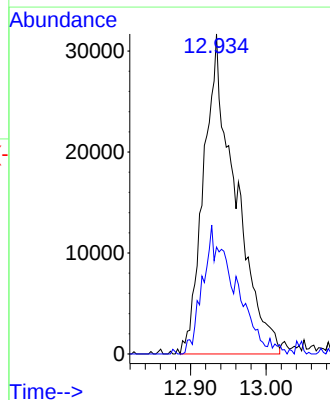
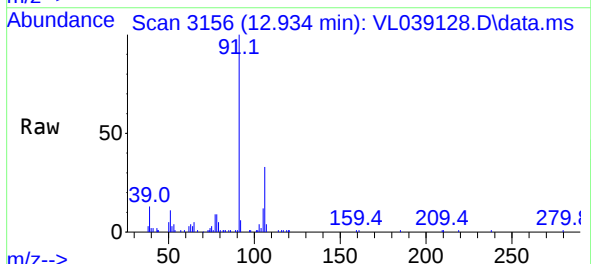
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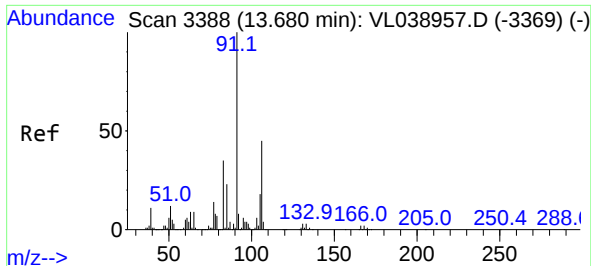
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#59
m/p-Xylene
Concen: 0.390 ppbv m
RT: 12.934 min Scan# 3156
Delta R.T. -0.051 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Tgt Ion: 91 Resp: 92344
Ion Ratio Lower Upper
91 100
106 0.0 34.6 52.0#





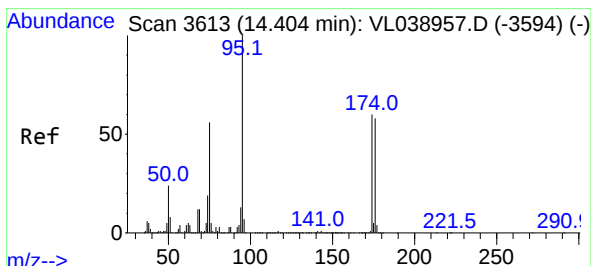
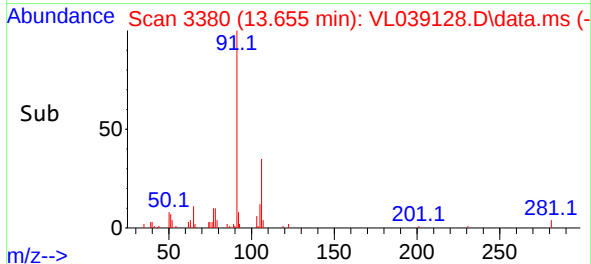
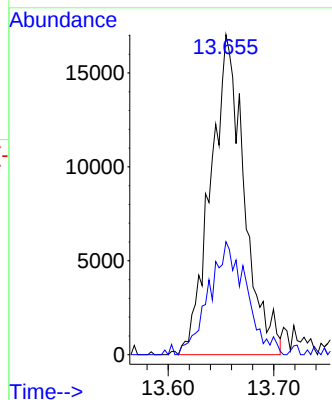
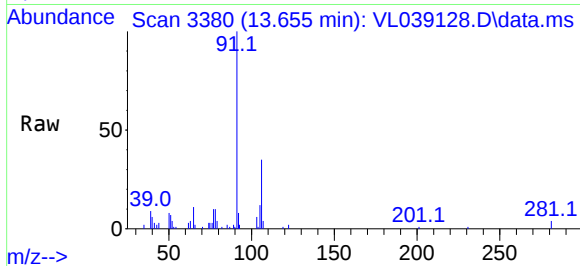
#60
o-Xylene
Concen: 0.169 ppbv m
RT: 13.655 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion: 91 Resp: 37540
Ion Ratio Lower Upper
91 100
106 40.3 22.2 66.6

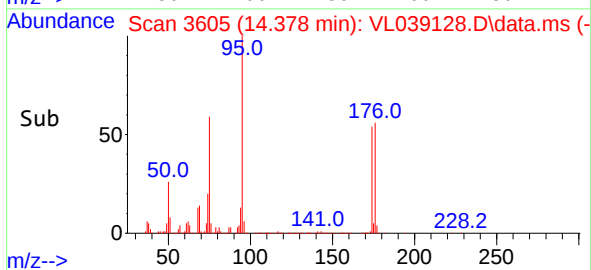
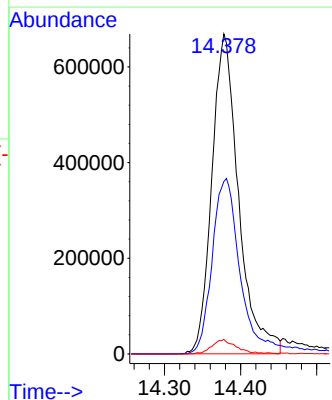
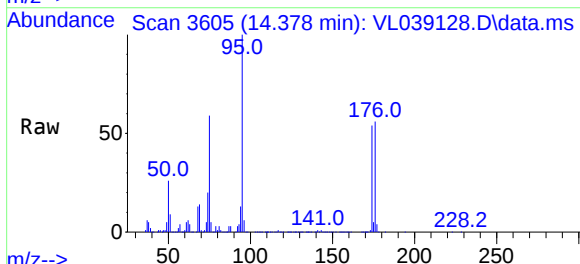
Manual Integrations
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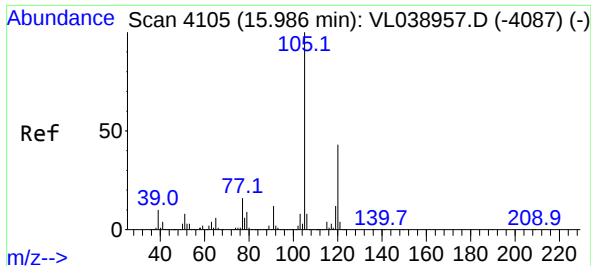
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#68
1-Bromo-4-Fluorobenzene
Concen: 10.695 ppbv
RT: 14.378 min Scan# 3605
Delta R.T. -0.026 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Tgt Ion: 95 Resp: 1630861
Ion Ratio Lower Upper
95 100
174 60.4 50.8 76.2
175 4.2 3.8 5.6





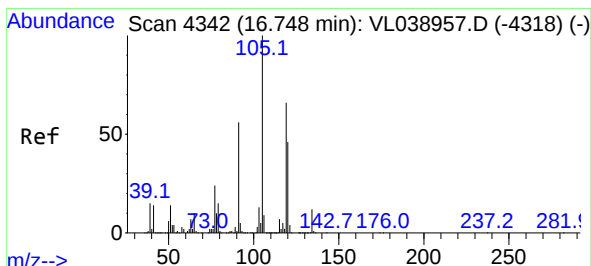
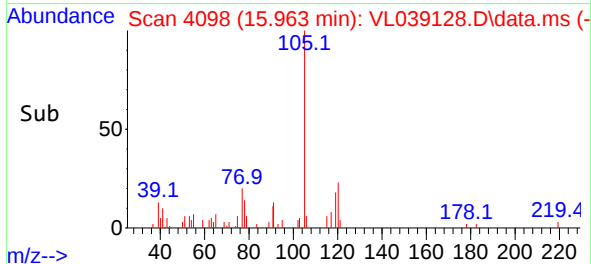
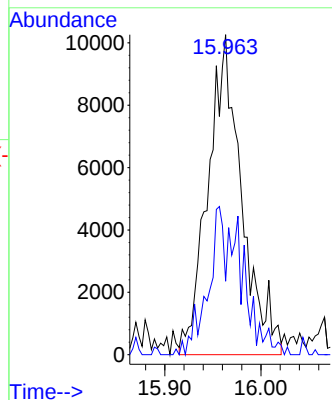
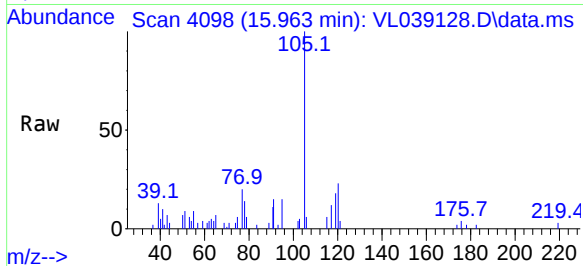
#73
1,3,5-Trimethylbenzene
Concen: 0.109 ppbv m
RT: 15.963 min Scan# 4098
Delta R.T. -0.022 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Instrument :
MSVOA_L
ClientSampleId :
VP-2DL

Tgt Ion:105 Resp: 24932
Ion Ratio Lower Upper
105 100
120 23.0 34.4 51.6

Manual Integrations
APPROVED

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



#74
1,2,4-Trimethylbenzene
Concen: 0.335 ppbv m
RT: 16.728 min Scan# 4336
Delta R.T. -0.019 min
Lab File: VL039128.D
Acq: 26 May 2022 10:03

Tgt Ion:105 Resp: 83780
Ion Ratio Lower Upper
105 100
120 35.3 36.9 55.3#
91 17.6 45.0 67.4#
77 13.3 19.2 28.8#

