

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
 Data File : VL039524.D
 Acq On : 25 Jul 2022 20:04
 Operator : SY/AP
 Sample : N3844-01DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ENV-DE-5-SVDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/26/2022
 Supervised By : Mahesh Dadoda 07/26/2022

Quant Time: Jul 26 08:07:35 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 6 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1103175	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	3179864	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2830256	10.000	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2241903	10.678	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.800%	
Target Compounds						Qvalue
9) Propene	3.018	41	328304	5.194	ppbv	95
11) Trichlorofluoromethane	3.957	101	24636m	0.139	ppbv	
13) Ethanol	3.620	45	18251m	4.977	ppbv	
15) Acetone	3.861	43	436504	3.345	ppbv #	87
17) tert-Butyl alcohol	4.304	59	72229	0.652	ppbv #	89
20) Methylene Chloride	4.353	84	91334	1.756	ppbv	96
26) Hexane	5.693	57	101826	0.944	ppbv #	41
27) Carbon Disulfide	4.565	76	27888m	0.214	ppbv	
29) Chloroform	5.761	83	363379	1.937	ppbv	93
34) 2-Butanone	5.263	43	104545	0.653	ppbv	95
52) Tetrachloroethene	11.237	164	30818m	0.311	ppbv	
53) Toluene	9.809	91	50065m	0.176	ppbv	
59) m/p-Xylene	12.983	91	37889m	0.118	ppbv	

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

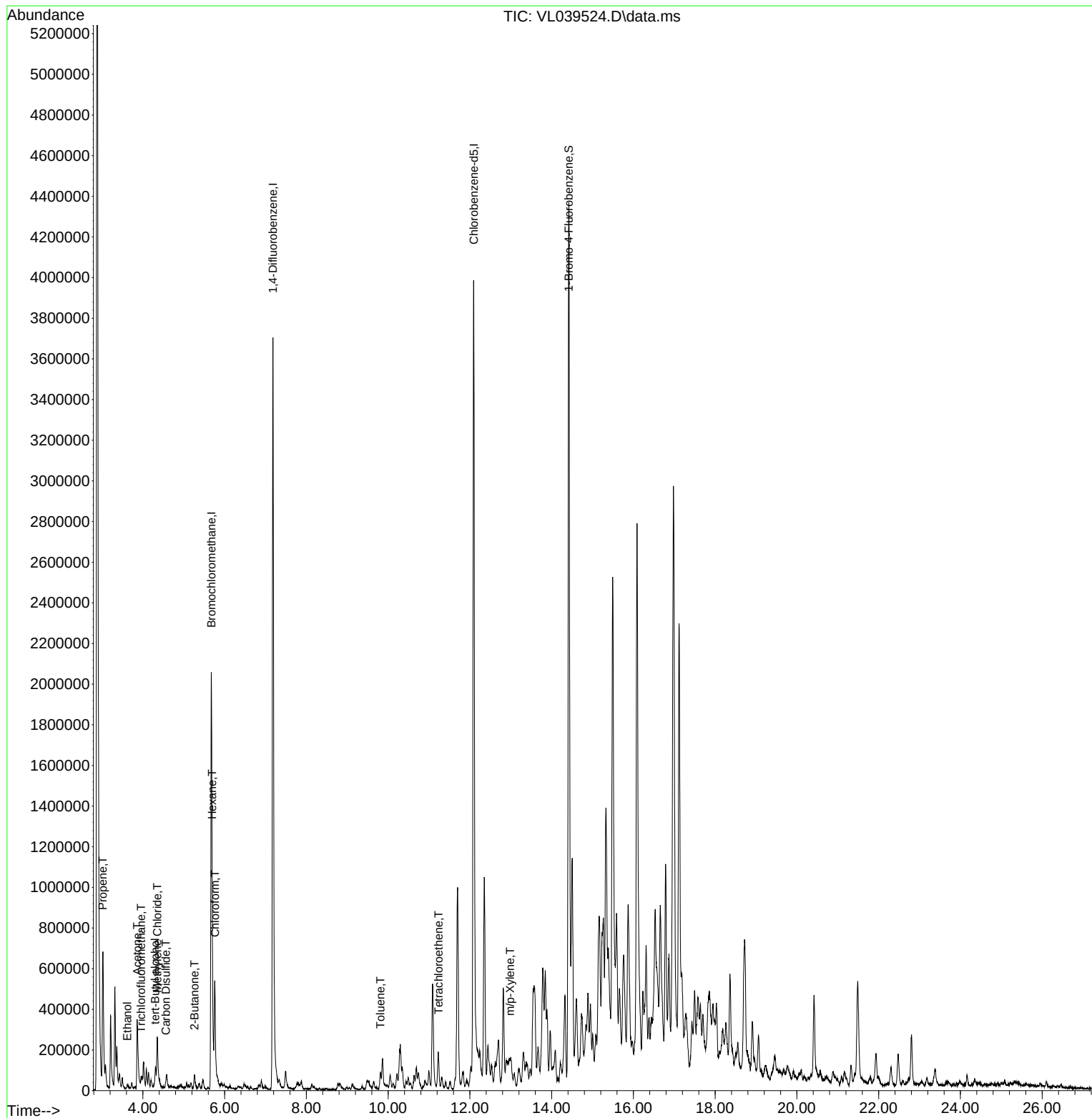
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072522\
Data File : VL039524.D
Acq On : 25 Jul 2022 20:04
Operator : SY/AP
Sample : N3844-01DL 10X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

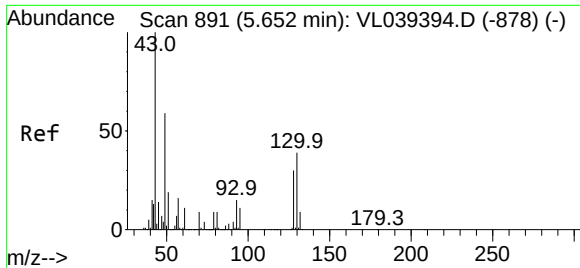
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/26/2022

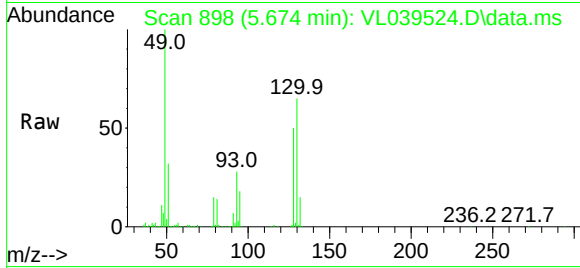
Quant Time: Jul 26 08:07:35 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 06 02:15:38 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 891
Delta R.T. 0.022 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

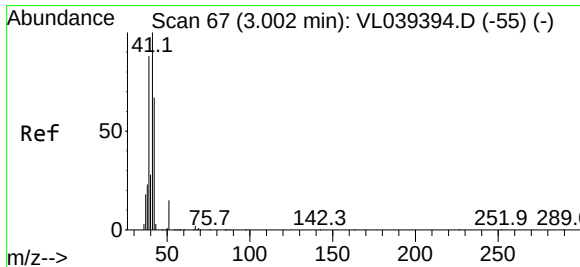
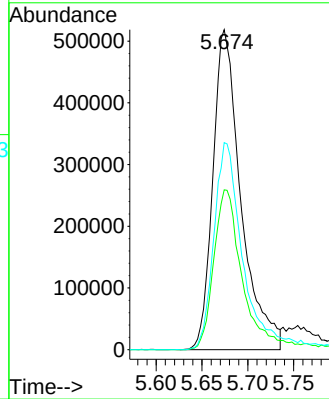
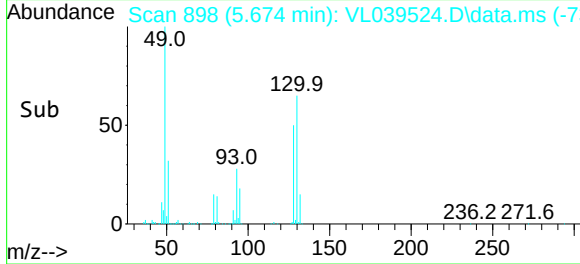
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion: 49 Resp: 110317
Ion Ratio Lower Upper
49 100
128 54.0 26.7 80.0
130 69.5 34.3 102.8

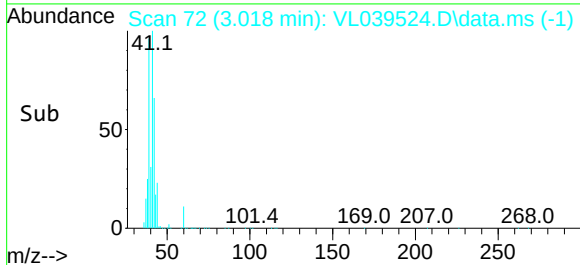
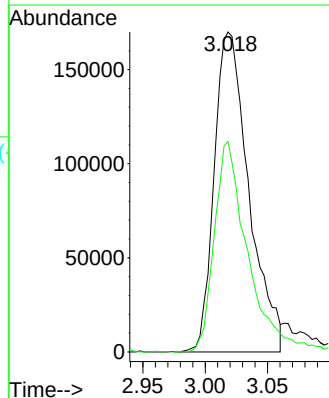
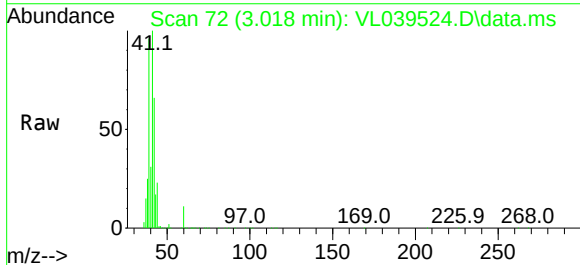
Manual Integrations
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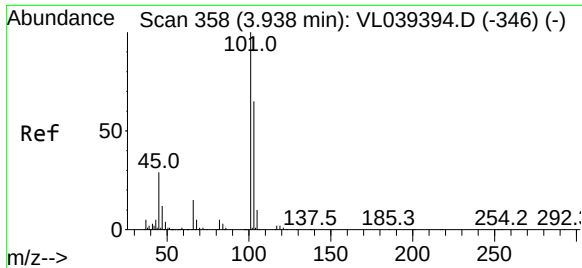
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#9
Propene
Concen: 5.194 ppbv
RT: 3.018 min Scan# 72
Delta R.T. 0.016 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

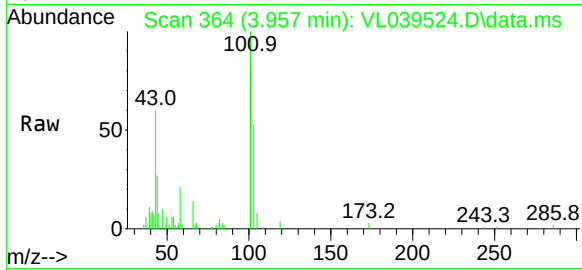
Tgt Ion: 41 Resp: 328304
Ion Ratio Lower Upper
41 100
42 64.8 55.2 82.8





#11
Trichlorofluoromethane
Concen: 0.139 ppbv m
RT: 3.957 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

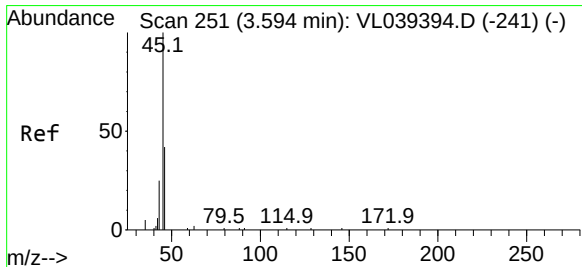
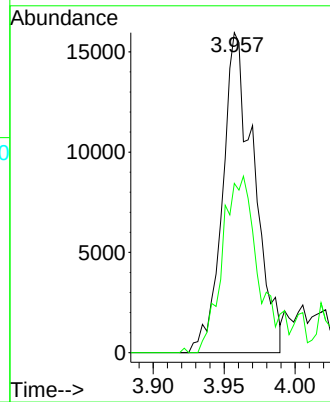
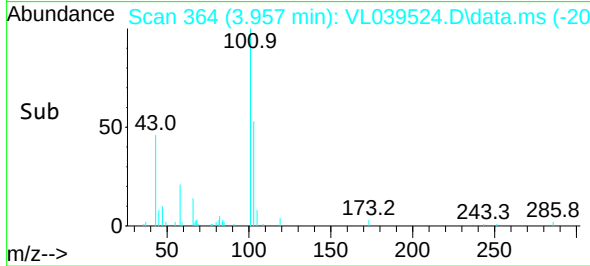
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion:101 Resp: 24630
Ion Ratio Lower Upper
101 100
103 52.9 51.8 77.8

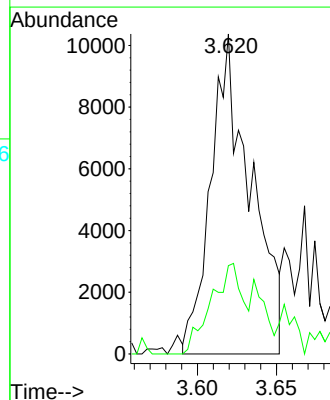
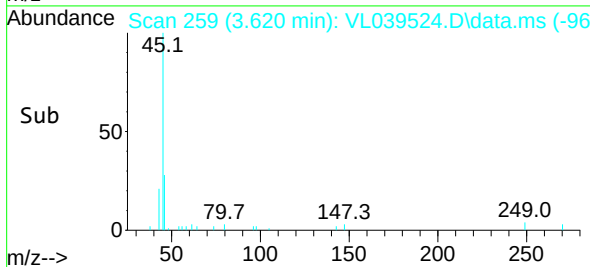
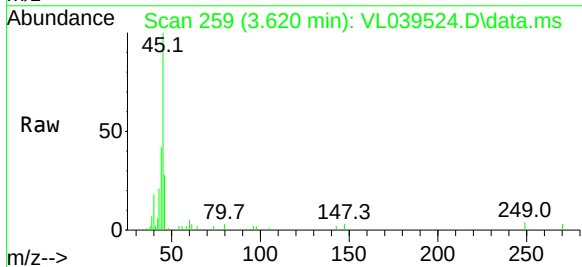
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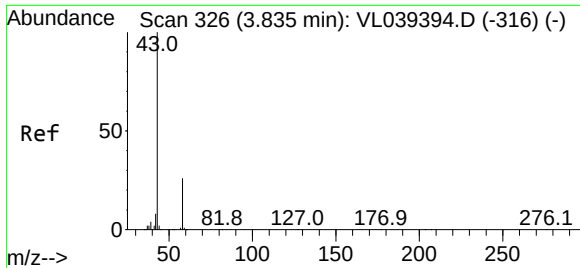
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#13
Ethanol
Concen: 4.977 ppbv m
RT: 3.620 min Scan# 259
Delta R.T. 0.026 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

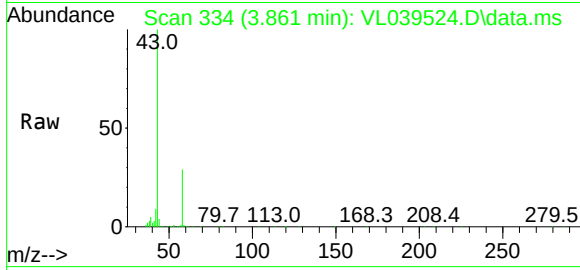
Tgt Ion: 45 Resp: 18251
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2#





#15
Acetone
Concen: 3.345 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

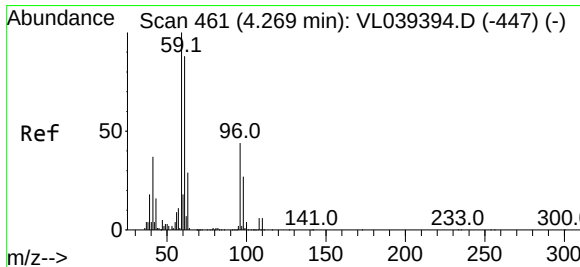
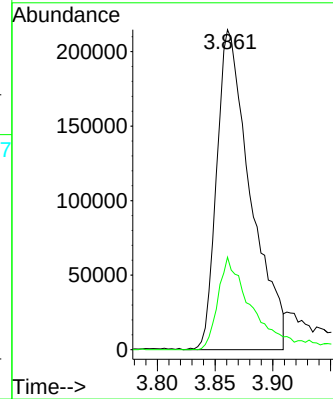
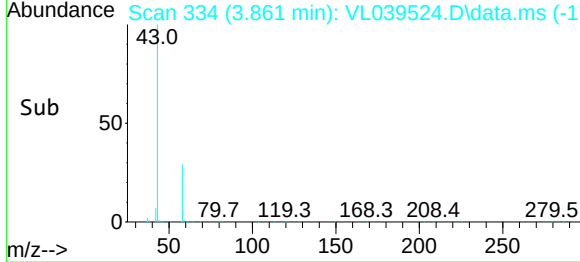
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion: 43 Resp: 436504
Ion Ratio Lower Upper
43 100
58 32.8 21.0 31.6

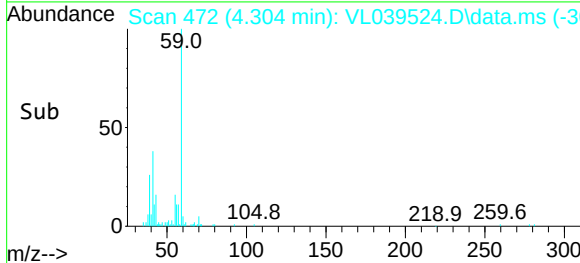
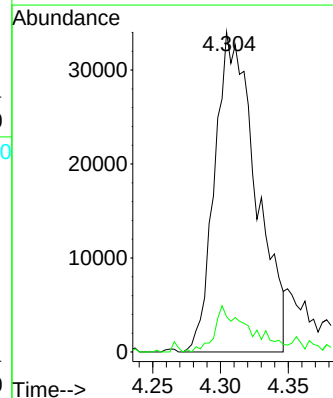
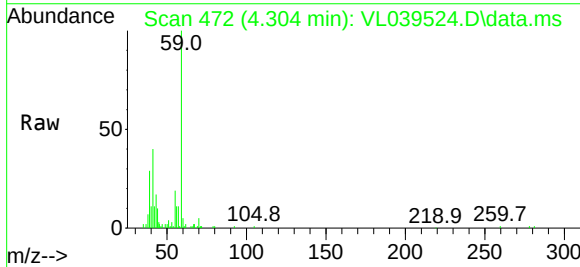
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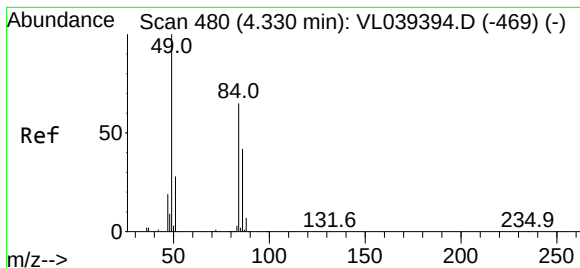
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#17
tert-Butyl alcohol
Concen: 0.652 ppbv
RT: 4.304 min Scan# 472
Delta R.T. 0.035 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

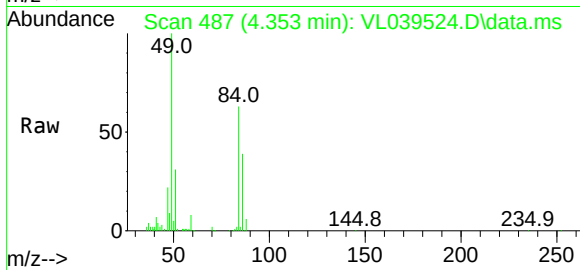
Tgt Ion: 59 Resp: 72229
Ion Ratio Lower Upper
59 100
57 15.1 8.7 13.1





#20
Methylene Chloride
Concen: 1.756 ppbv
RT: 4.353 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

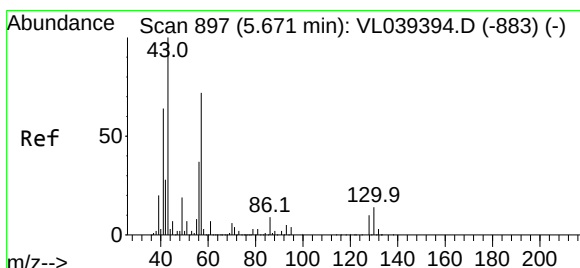
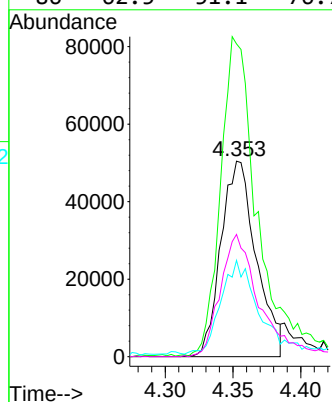
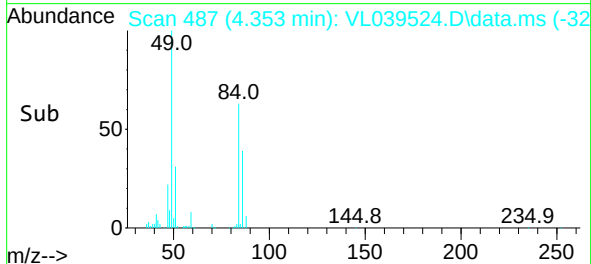
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion: 84 Resp: 91334
Ion Ratio Lower Upper
84 100
49 159.2 123.1 184.7
51 47.5 34.4 51.6
86 62.5 51.1 76.7

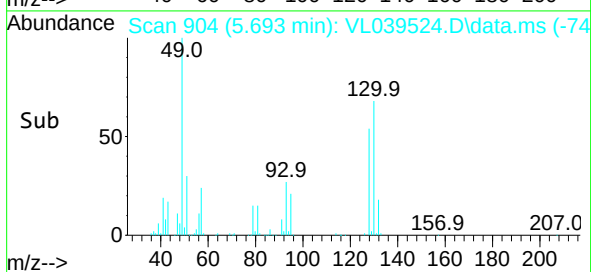
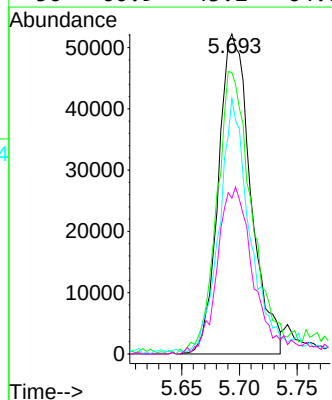
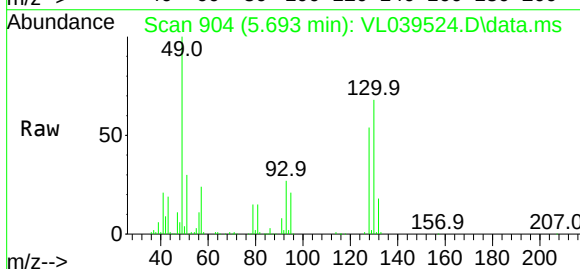
Manual Integrations
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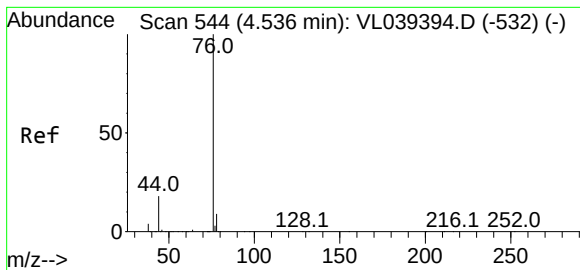
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#26
Hexane
Concen: 0.944 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.022 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

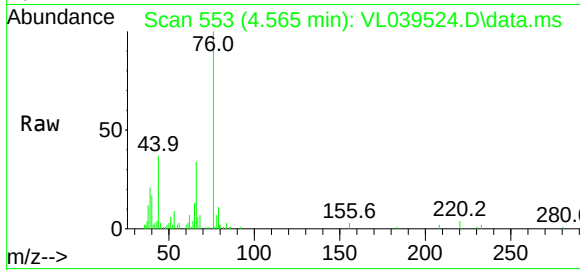
Tgt Ion: 57 Resp: 101826
Ion Ratio Lower Upper
57 100
41 97.0 76.9 115.3
43 81.3 191.0 286.6#
56 60.9 43.2 64.8





#27
Carbon Disulfide
Concen: 0.214 ppbv m
RT: 4.565 min Scan# 511
Delta R.T. 0.029 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

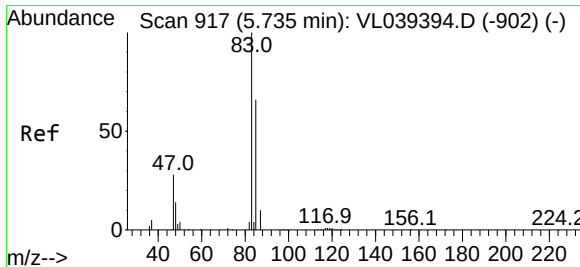
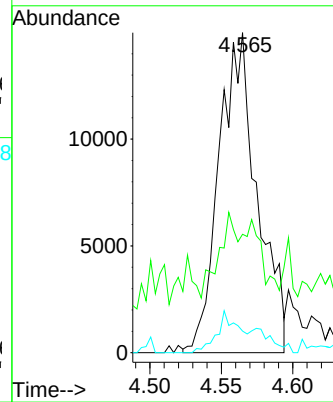
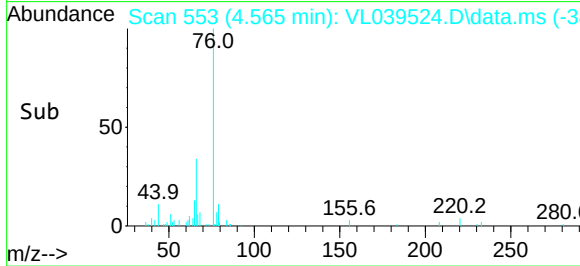
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion: 76 Resp: 2788
Ion Ratio Lower Upper
76 100
44 34.7 14.6 21.8
78 11.7 7.8 11.6

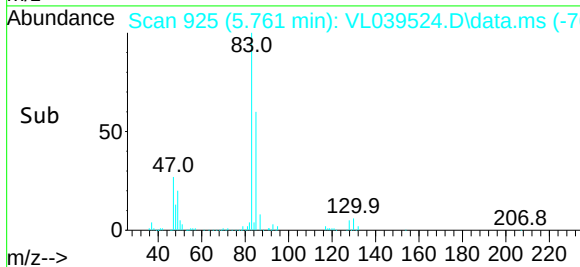
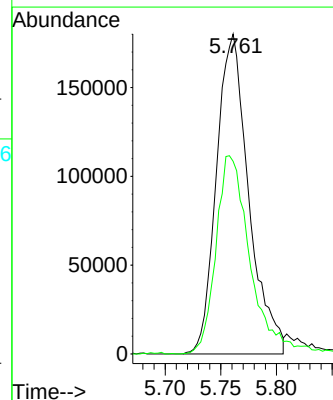
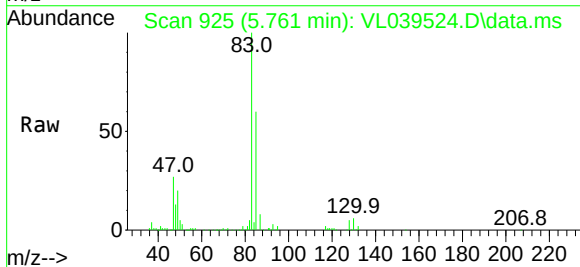
Manual Integrations
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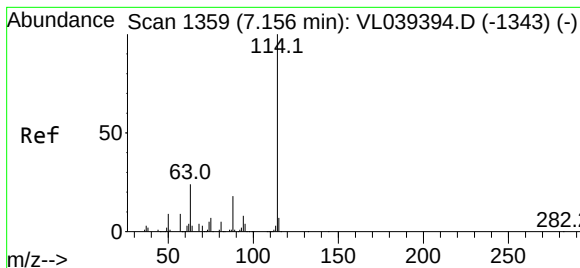
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#29
Chloroform
Concen: 1.937 ppbv
RT: 5.761 min Scan# 925
Delta R.T. 0.026 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

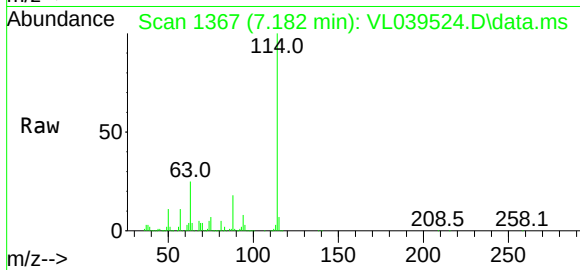
Tgt Ion: 83 Resp: 363379
Ion Ratio Lower Upper
83 100
85 60.1 52.8 79.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 1114
Delta R.T. 0.026 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

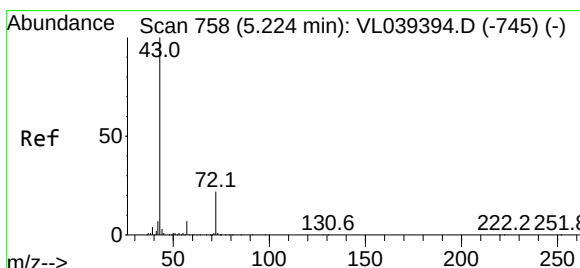
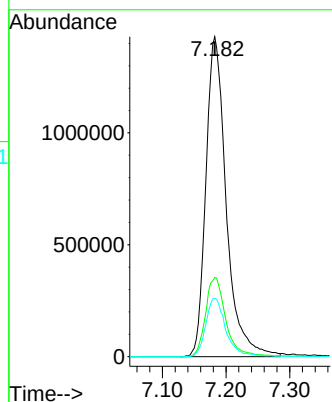
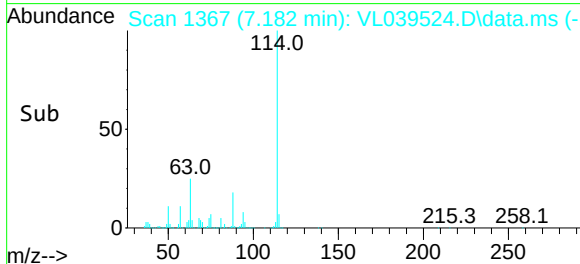
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



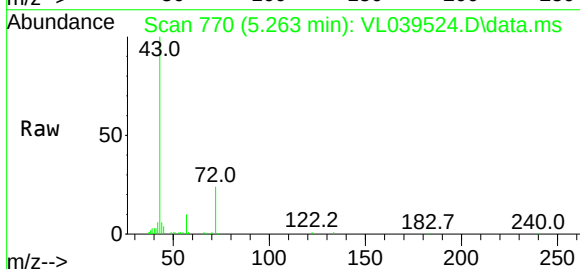
Tgt Ion:114 Resp: 3179864
Ion Ratio Lower Upper
114 100
63 25.1 20.2 30.4
88 18.2 14.5 21.7

Manual Integrations
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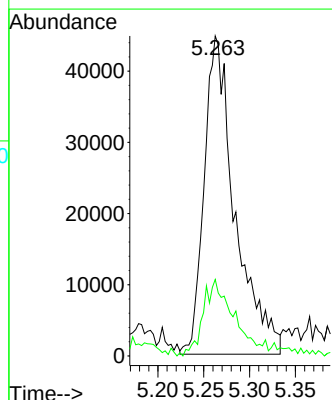
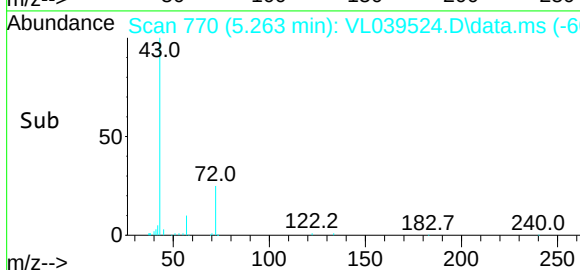
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Supervised By :Mahesh Dadoda 07/26/2022

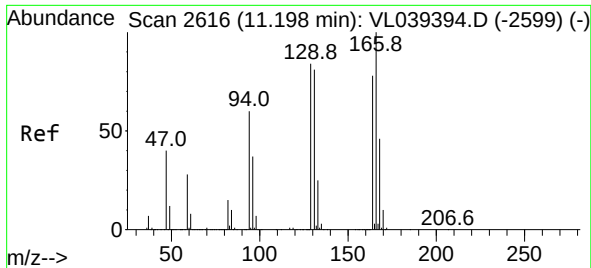


#34
2-Butanone
Concen: 0.653 ppbv
RT: 5.263 min Scan# 770
Delta R.T. 0.039 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04



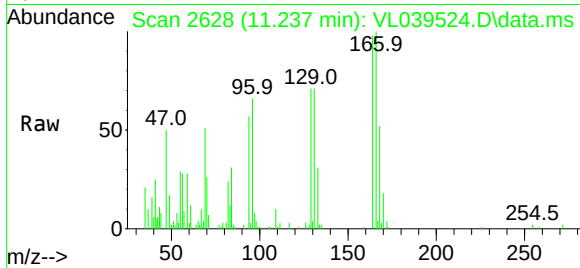
Tgt Ion: 43 Resp: 104545
Ion Ratio Lower Upper
43 100
72 25.0 17.9 26.9





#52
Tetrachloroethene
Concen: 0.311 ppbv m
RT: 11.237 min Scan# 2184
Delta R.T. 0.038 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

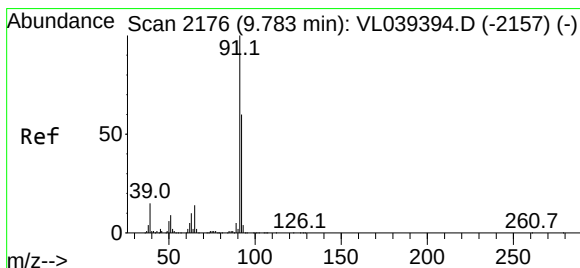
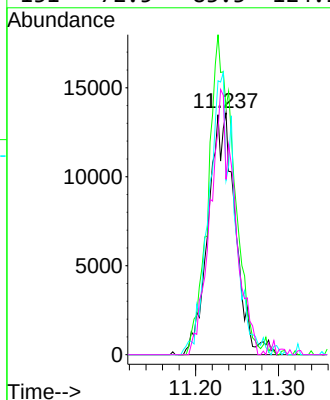
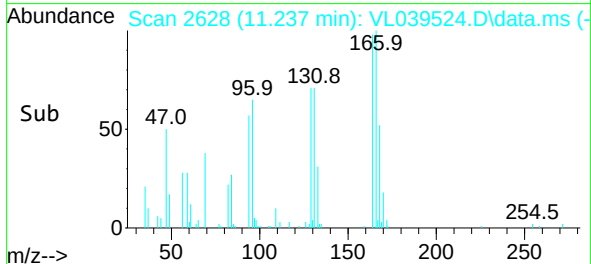
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion:164 Resp: 30818
Ion Ratio Lower Upper
164 100
166 101.9 102.2 153.2
129 72.0 85.8 128.8
131 72.5 83.3 124.9

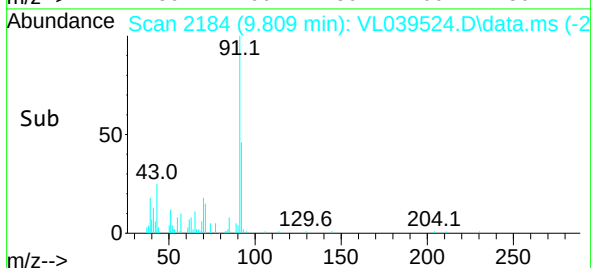
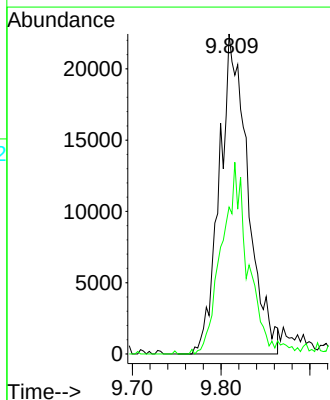
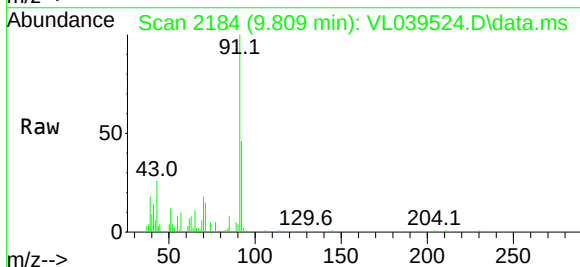
Manual Integrations
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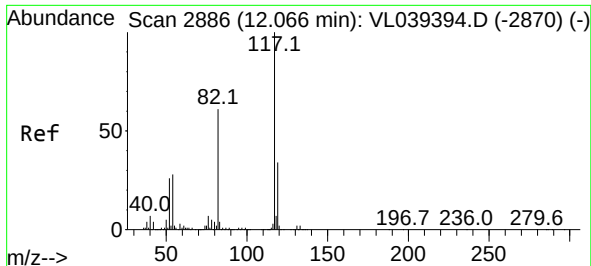
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#53
Toluene
Concen: 0.176 ppbv m
RT: 9.809 min Scan# 2184
Delta R.T. 0.026 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

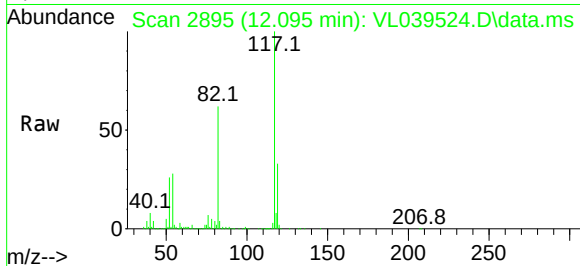
Tgt Ion: 91 Resp: 50065
Ion Ratio Lower Upper
91 100
92 57.3 48.2 72.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

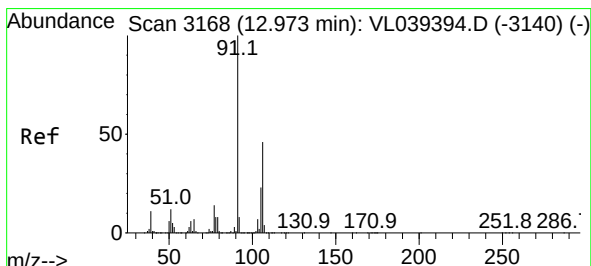
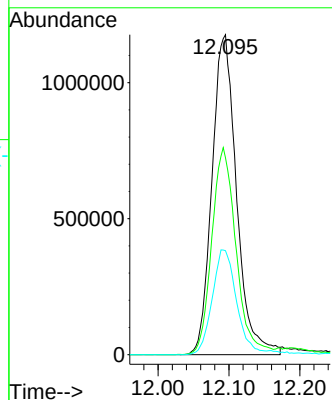
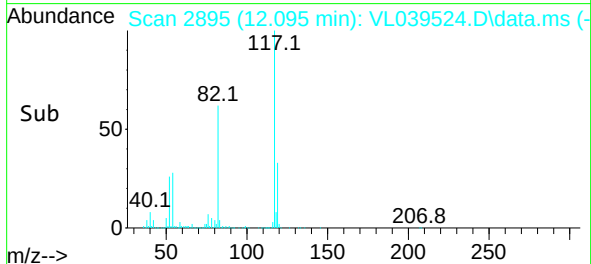
Instrument :
MSVOA_L
ClientSampleId :
ENV-DE-5-SVDL



Tgt Ion: 117 Resp: 2830250
Ion Ratio Lower Upper
117 100
82 64.5 50.8 76.2
119 34.0 24.1 36.1

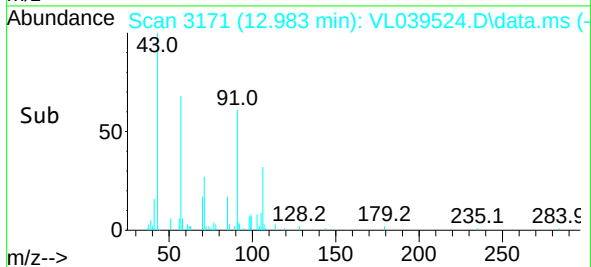
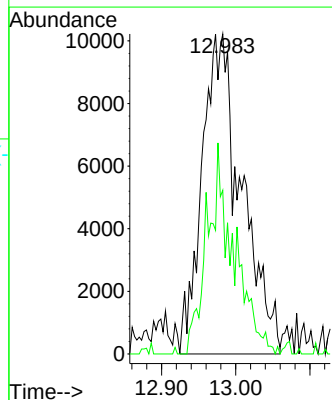
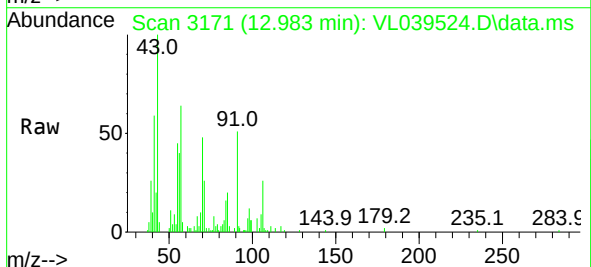
Manual Integrations
APPROVED

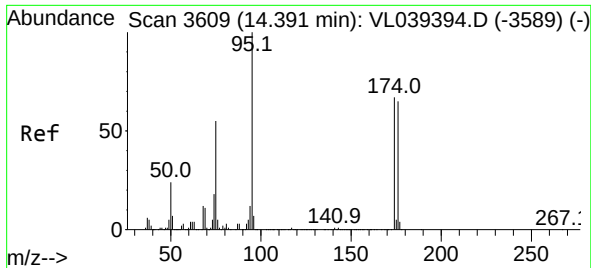
Reviewed By :Semsettin Yesilyurt 07/26/2022
Supervised By :Mahesh Dadoda 07/26/2022



#59
m/p-Xylene
Concen: 0.118 ppbv m
RT: 12.983 min Scan# 3171
Delta R.T. 0.010 min
Lab File: VL039524.D
Acq: 25 Jul 2022 20:04

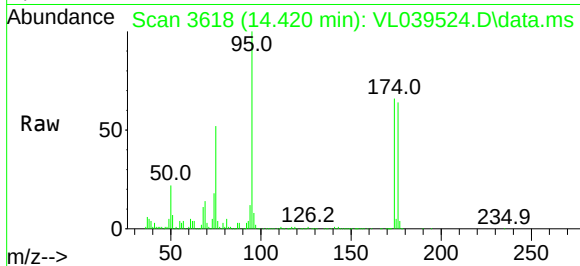
Tgt Ion: 91 Resp: 37889
Ion Ratio Lower Upper
91 100
106 0.0 35.4 53.2#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.678 ppbv
 RT: 14.420 min Scan# 30
 Delta R.T. 0.029 min
 Lab File: VL039524.D
 Acq: 25 Jul 2022 20:04

Instrument :
 MSVOA_L
 ClientSampleId :
 ENV-DE-5-SVDL



Tgt Ion: 95 Resp: 224190

Ion	Ratio	Lower	Upper
95	100		
174	68.9	55.9	83.9
175	5.3	4.2	6.4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/26/2022
 Supervised By :Mahesh Dadoda 07/26/2022

