

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042861.D
 Acq On : 13 Aug 2025 20:49
 Operator : SY/MD
 Sample : Q2834-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 02:22:13 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 14 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

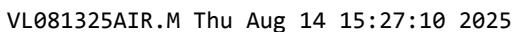
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

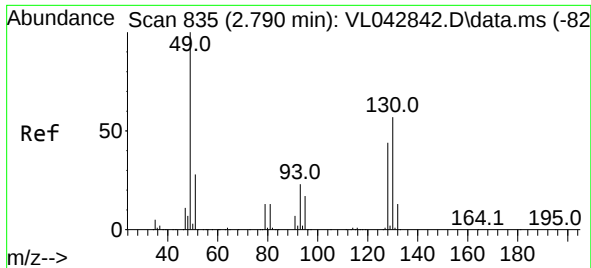
Internal Standards						
1) Bromochloromethane	2.800	49	126603	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	371881	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	316310	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	247433	10.430	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.300%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	7873	0.424	ppbv	98
3) Chlorodifluoromethane	1.479	51	10823m	0.528	ppbv	
4) Chloromethane	1.534	50	3451	0.461	ppbv	95
9) Propene	1.489	41	7453	0.841	ppbv	89
10) Heptane	5.001	43	8615m	0.363	ppbv	
11) Trichlorofluoromethane	1.884	101	4312	0.236	ppbv	85
13) Ethanol	1.729	45	59666	73.674	ppbv	94
15) Acetone	1.842	43	492169	29.388	ppbv	99
17) tert-Butyl alcohol	2.052	59	4433	0.223	ppbv #	71
19) Isopropyl Alcohol	1.894	45	63612	6.359	ppbv #	1
20) Methylene Chloride	2.068	84	55916	7.970	ppbv	89
26) Hexane	2.836	57	65075	3.478	ppbv #	55
29) Chloroform	2.865	83	3856m	0.144	ppbv	
30) Cyclohexane	3.871	84	3194m	0.195	ppbv	
34) 2-Butanone	2.567	43	51523	2.052	ppbv	99
35) Carbon Tetrachloride	3.771	117	1901m	0.074	ppbv	
36) Benzene	3.667	78	9832	0.276	ppbv	98
37) 1,2-Dichloroethane	3.230	62	6821	0.367	ppbv	98
41) Tetrahydrofuran	3.072	42	8649m	0.618	ppbv	
44) 2,2,4-Trimethylpentane	4.658	57	24827	0.411	ppbv #	82
50) 4-Methyl-2-Pentanone	5.787	43	23984m	0.707	ppbv	
52) Tetrachloroethene	8.247	164	4663m	0.362	ppbv	
53) Toluene	6.953	91	197342m	4.661	ppbv	
58) Ethyl Benzene	9.370	91	20426	0.366	ppbv	97
59) m/p-Xylene	9.545	91	71285	1.629	ppbv #	100
60) o-Xylene	9.976	91	35539	0.807	ppbv	97
61) Styrene	9.885	104	10873	0.527	ppbv	95
64) n-propylbenzene	11.002	120	3809	0.232	ppbv	80
65) tert-Butylbenzene	11.549	119	11019	0.194	ppbv #	41
69) p-Isopropyltoluene	11.937	119	38968	0.570	ppbv	95
72) 4-Ethyltoluene	11.134	105	20240	0.379	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.215	105	31153	0.687	ppbv	90
74) 1,2,4-Trimethylbenzene	11.545	105	90034	1.808	ppbv #	61
79) Naphthalene	13.523	128	15027	0.333	ppbv #	87

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

Manual Integrations APPROVED

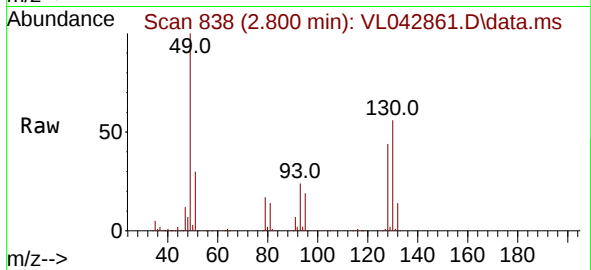
Quant Time: Aug 14 02:22:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

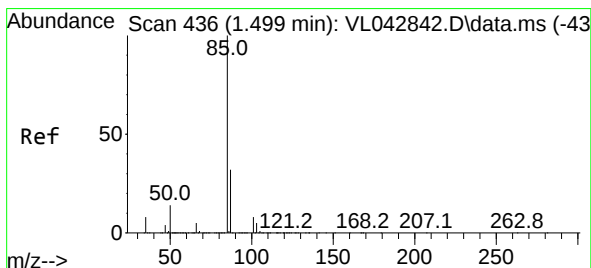
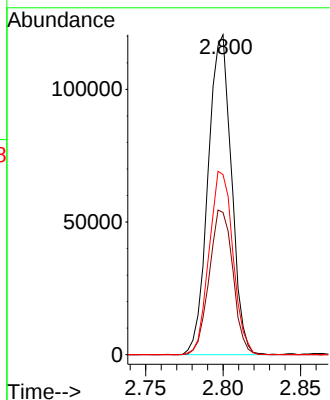
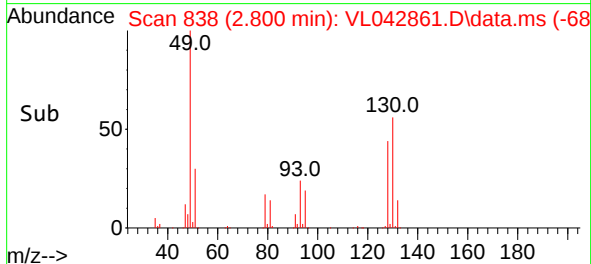
Instrument :
MSVOA_L
ClientSampleId :
IA1



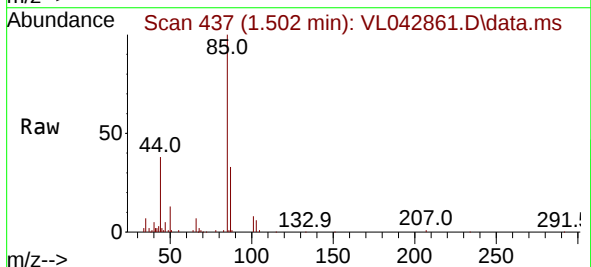
Tgt Ion: 49 Resp: 12660
Ion Ratio Lower Upper
49 100
128 45.8 23.7 71.1
130 58.5 30.6 91.6

Manual Integrations
APPROVED

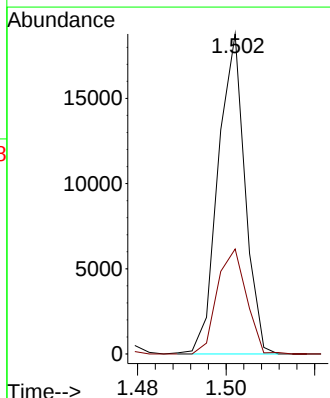
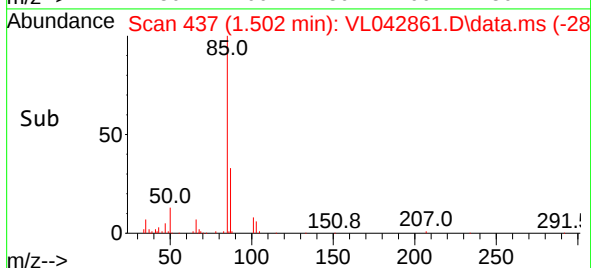
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

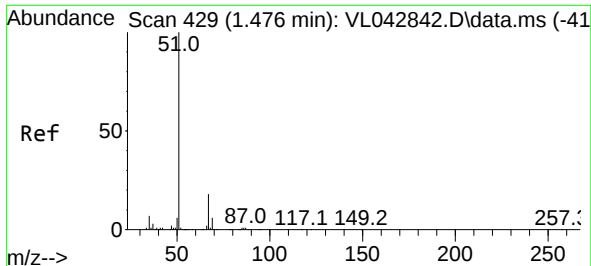


#2
Dichlorodifluoromethane
Concen: 0.424 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



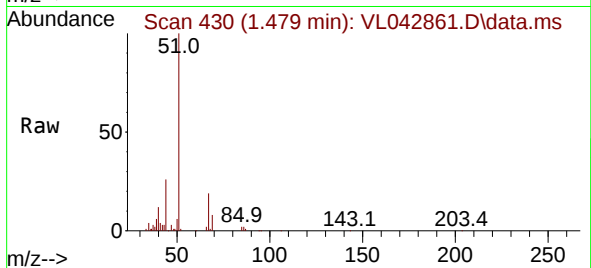
Tgt Ion: 85 Resp: 7873
Ion Ratio Lower Upper
85 100
87 32.8 25.3 37.9





#3
Chlorodifluoromethane
Concen: 0.528 ppbv m
RT: 1.479 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

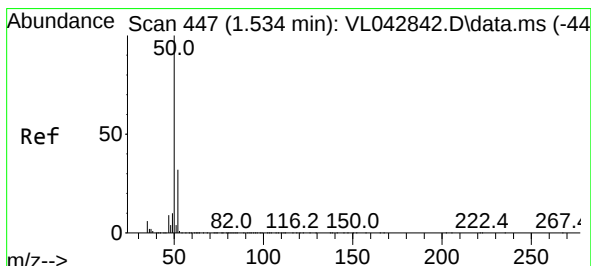
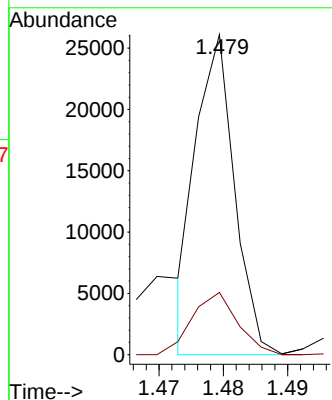
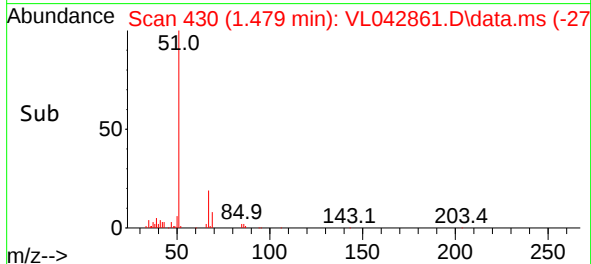
Instrument :
MSVOA_L
ClientSampleId :
IA1



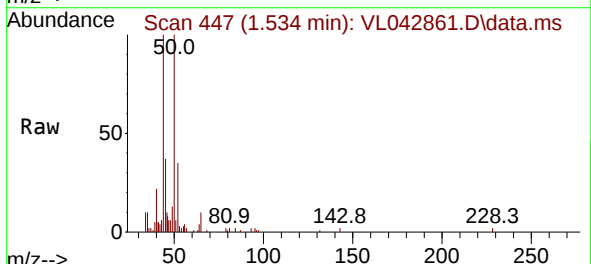
Tgt Ion: 51 Resp: 1082
Ion Ratio Lower Upper
51 100
67 23.6 14.9 22.3

Manual Integrations
APPROVED

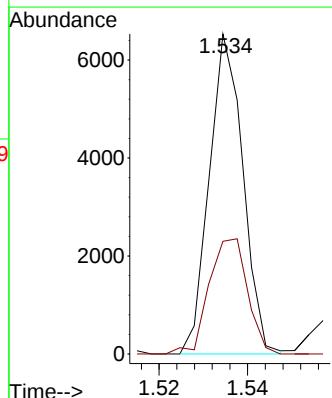
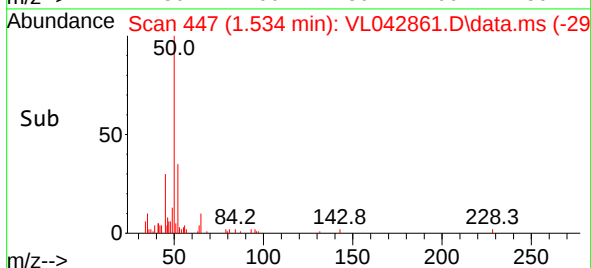
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

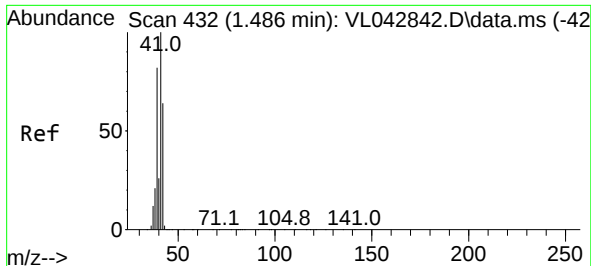


#4
Chloromethane
Concen: 0.461 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



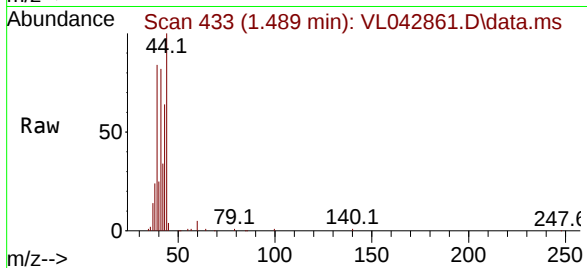
Tgt Ion: 50 Resp: 3451
Ion Ratio Lower Upper
50 100
52 35.2 25.9 38.9





#9
Propene
Concen: 0.841 ppbv
RT: 1.489 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

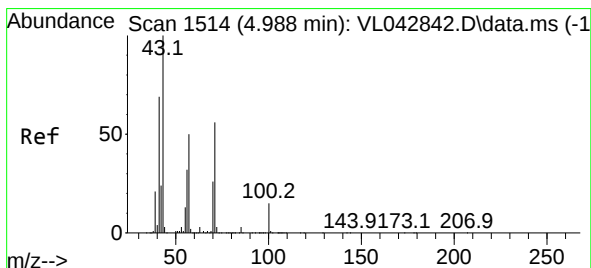
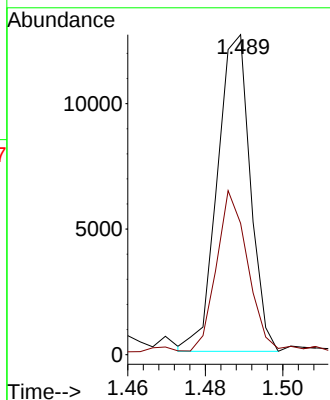
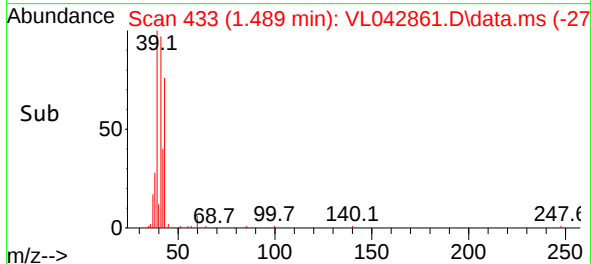
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 41 Resp: 745
Ion Ratio Lower Upper
41 100
42 57.8 53.0 79.4

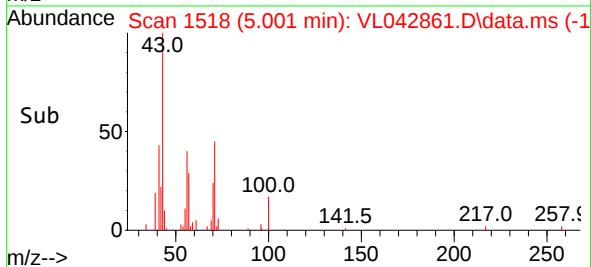
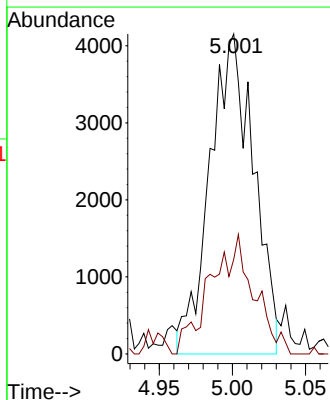
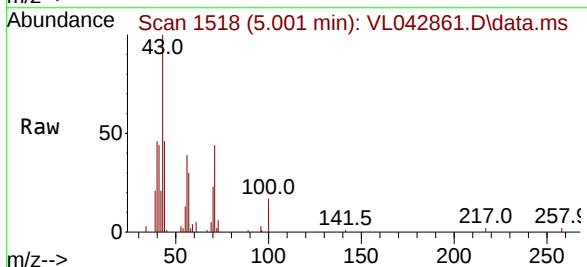
Manual Integrations
APPROVED

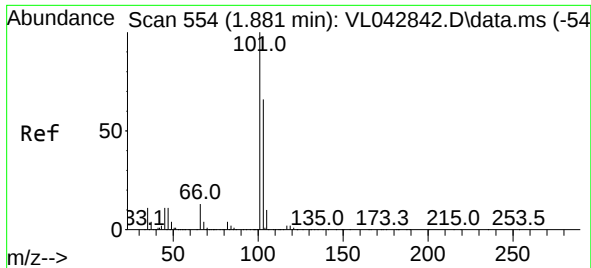
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#10
Heptane
Concen: 0.363 ppbv m
RT: 5.001 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Tgt Ion: 43 Resp: 8615
Ion Ratio Lower Upper
43 100
57 41.0 41.4 62.0#





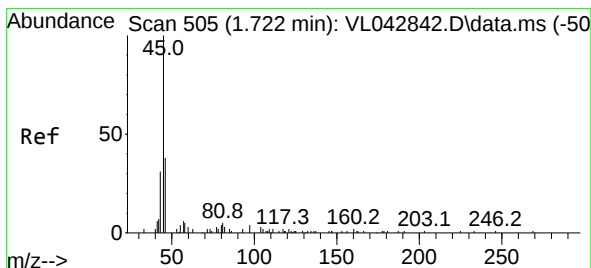
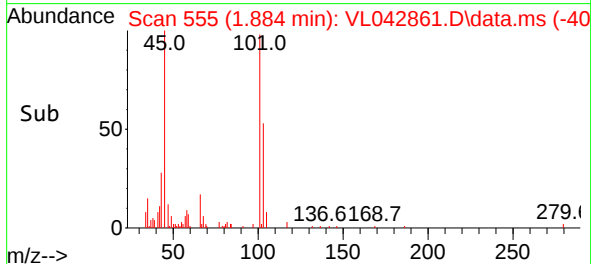
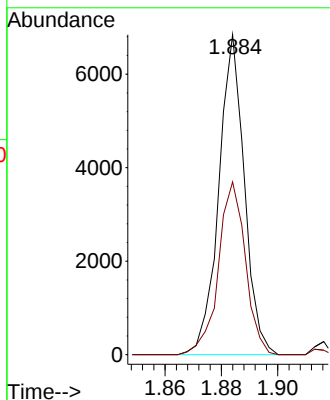
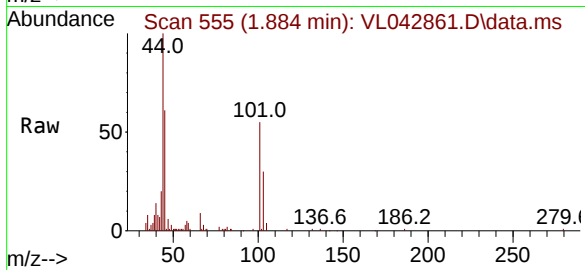
#11
Trichlorofluoromethane
Concen: 0.236 ppbv
RT: 1.884 min Scan# 507
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:101 Resp: 4312
Ion Ratio Lower Upper
101 100
103 54.0 52.5 78.7

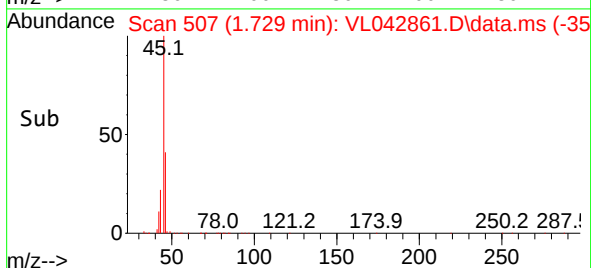
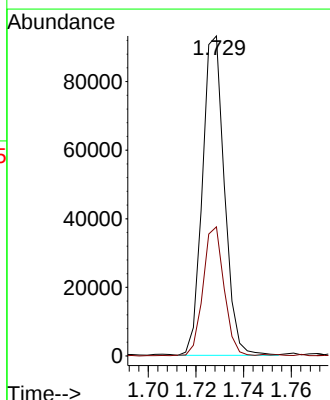
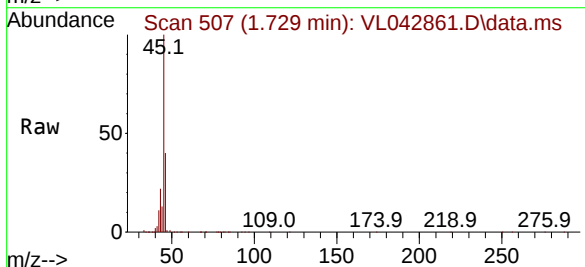
Manual Integrations
APPROVED

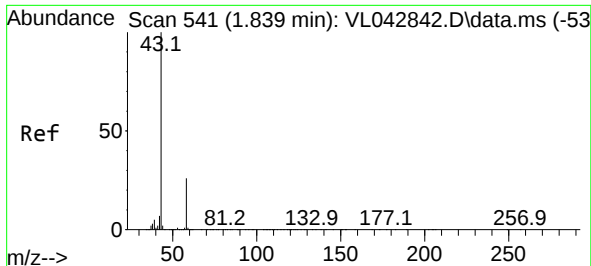
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#13
Ethanol
Concen: 73.674 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

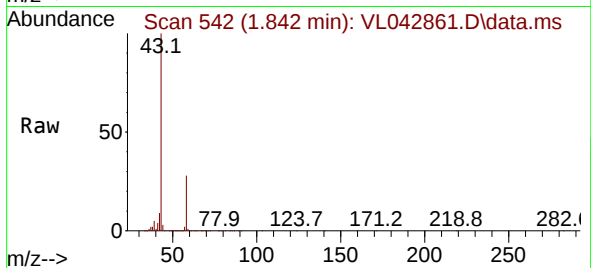
Tgt Ion: 45 Resp: 59666
Ion Ratio Lower Upper
45 100
46 39.6 17.5 69.9





#15
Acetone
Concen: 29.388 ppbv
RT: 1.842 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

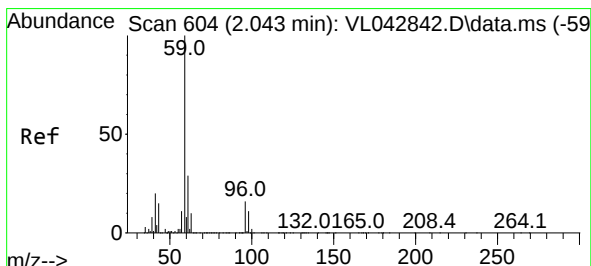
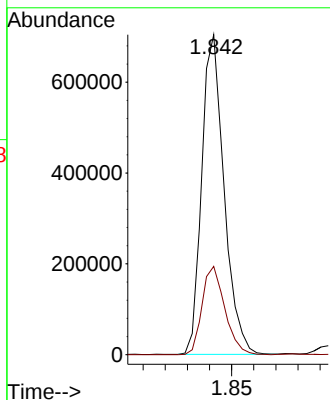
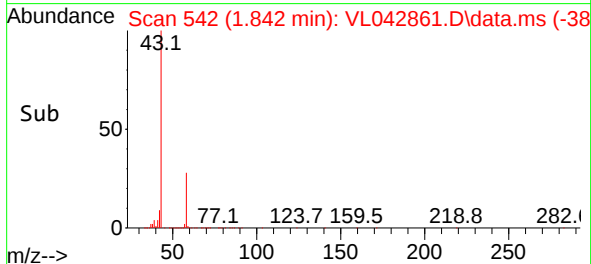
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 492169
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6

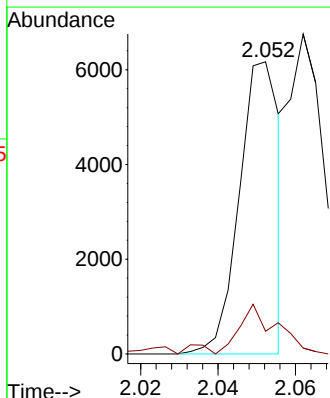
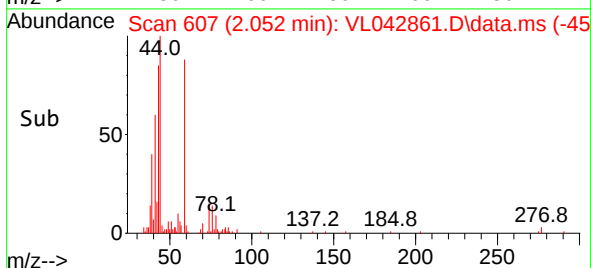
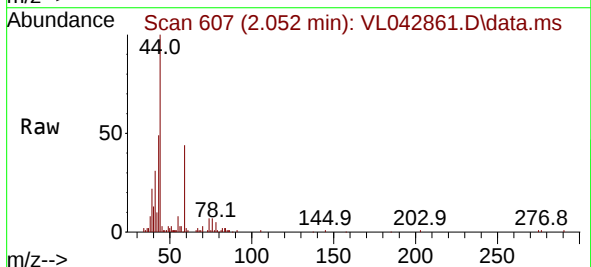
Manual Integrations
APPROVED

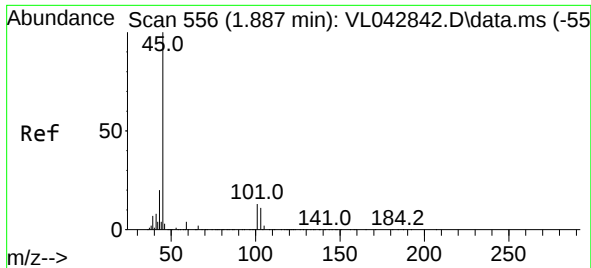
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#17
tert-Butyl alcohol
Concen: 0.223 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Tgt Ion: 59 Resp: 4433
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#





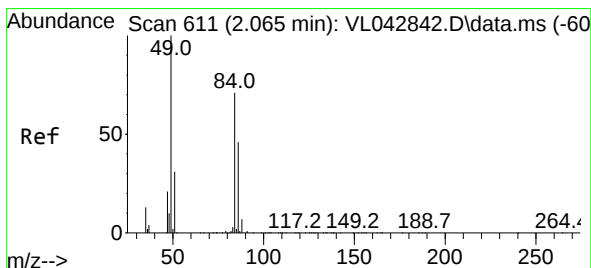
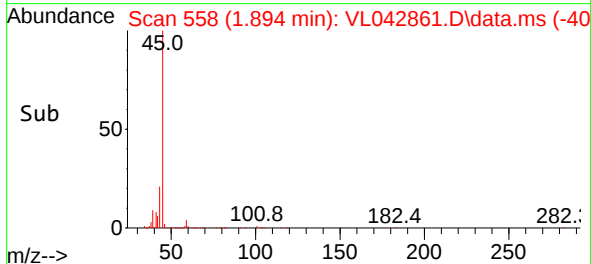
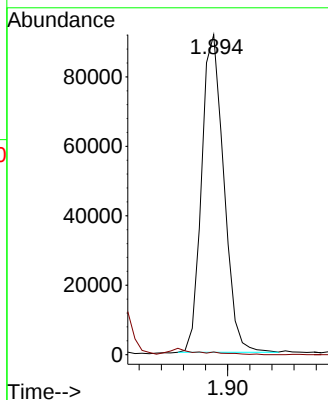
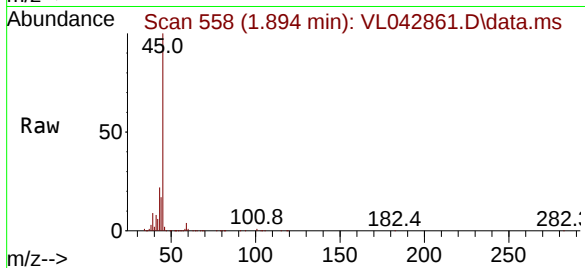
#19
Isopropyl Alcohol
Concen: 6.359 ppbv
RT: 1.894 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 45 Resp: 63612
Ion Ratio Lower Upper
45 100
58 220.4 32.7 49.1

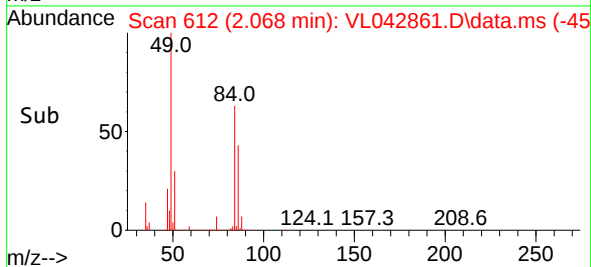
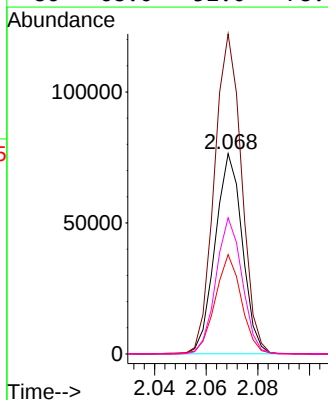
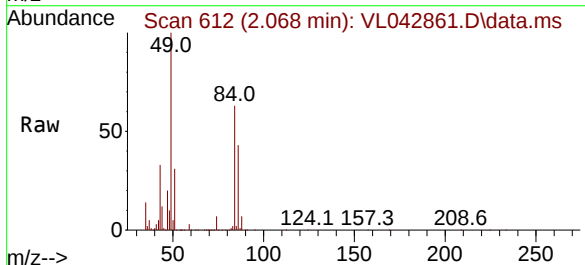
Manual Integrations
APPROVED

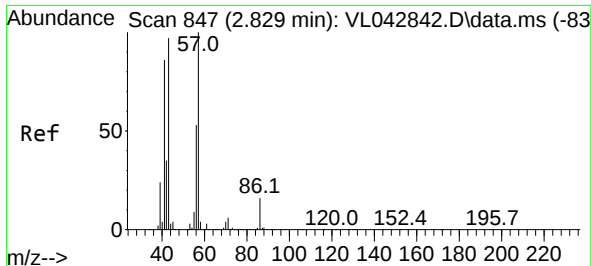
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#20
Methylene Chloride
Concen: 7.970 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

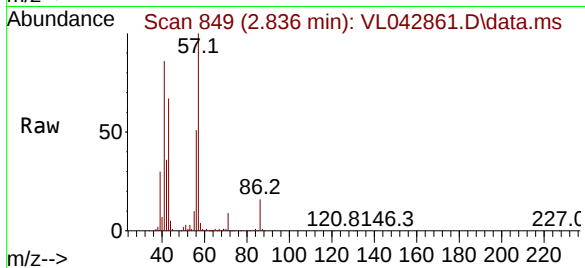
Tgt Ion: 84 Resp: 55916
Ion Ratio Lower Upper
84 100
49 159.5 112.3 168.5
51 49.5 36.0 54.0
86 68.0 52.0 78.0





#26
Hexane
Concen: 3.478 ppbv
RT: 2.836 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

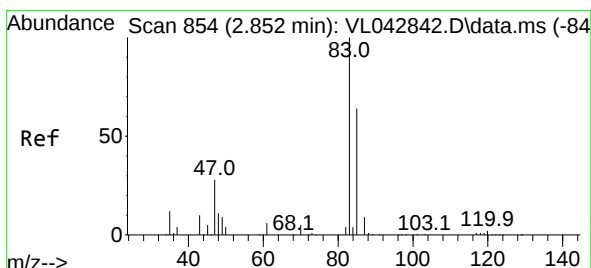
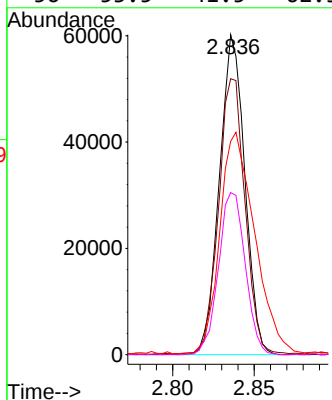
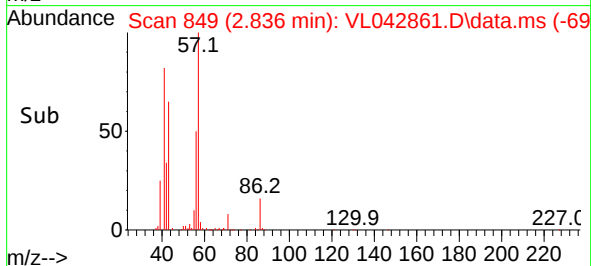
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 65079
Ion Ratio Lower Upper
57 100
41 90.0 68.6 103.0
43 96.7 168.5 252.7
56 53.5 41.5 62.3

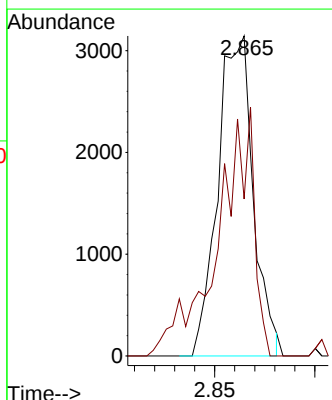
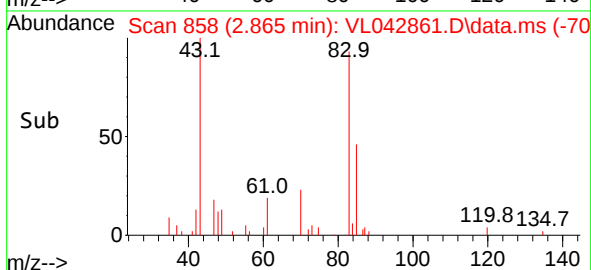
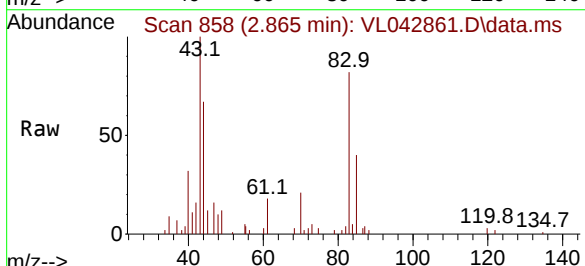
Manual Integrations
APPROVED

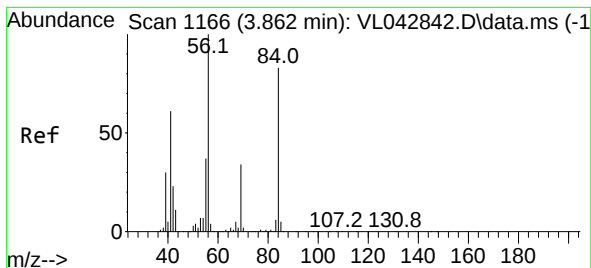
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#29
Chloroform
Concen: 0.144 ppbv m
RT: 2.865 min Scan# 858
Delta R.T. 0.013 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Tgt Ion: 83 Resp: 3856
Ion Ratio Lower Upper
83 100
85 49.1 51.1 76.7#





#30

Cyclohexane

Concen: 0.195 ppbv m

RT: 3.871 min Scan# 1166

Delta R.T. 0.010 min

Lab File: VL042861.D

Acq: 13 Aug 2025 20:49

Instrument :

MSVOA_L

ClientSampleId :

IA1

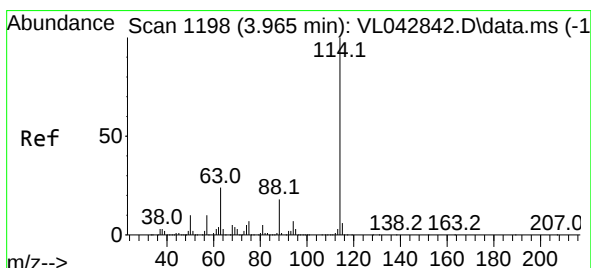
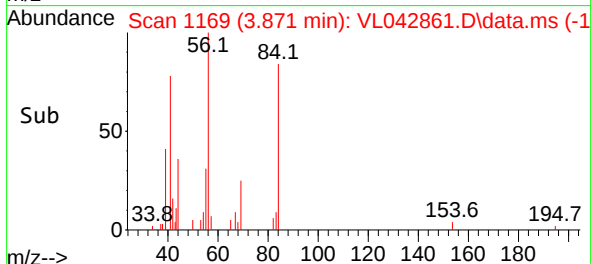
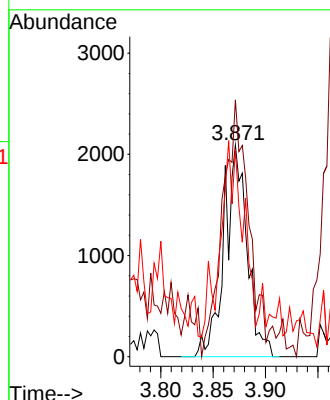
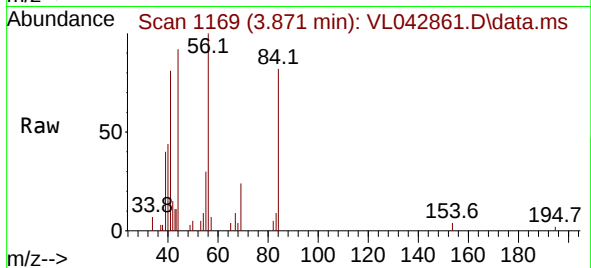
Tgt Ion: 84 Resp: 3194

Ion	Ratio	Lower	Upper
84	100		
56	0.0	98.8	148.2
41	0.0	61.3	91.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.975 min Scan# 1201

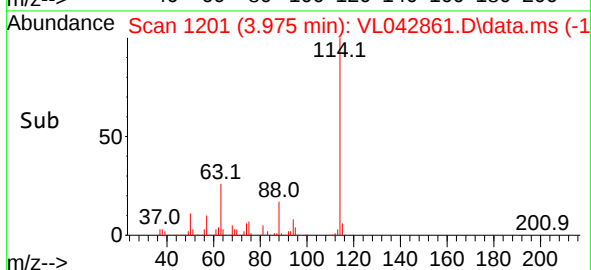
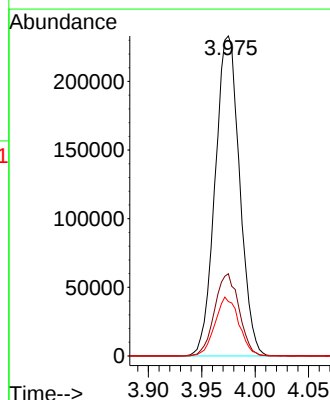
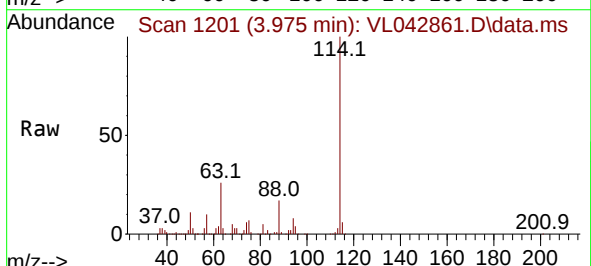
Delta R.T. 0.010 min

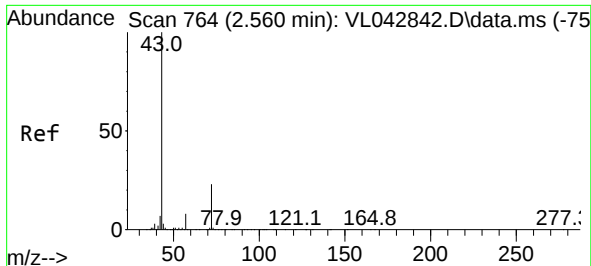
Lab File: VL042861.D

Acq: 13 Aug 2025 20:49

Tgt Ion:114 Resp: 371881

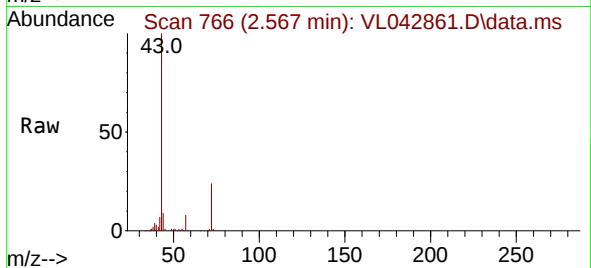
Ion	Ratio	Lower	Upper
114	100		
63	25.7	19.7	29.5
88	18.0	14.4	21.6





#34
2-Butanone
Concen: 2.052 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

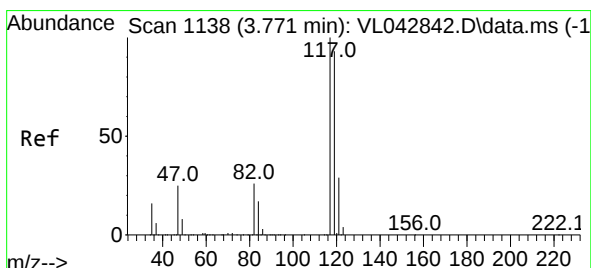
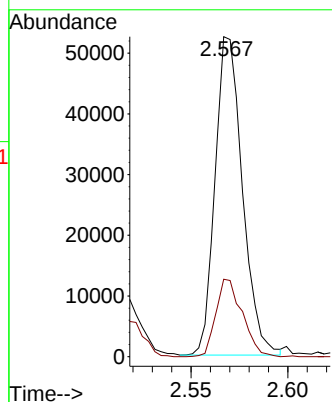
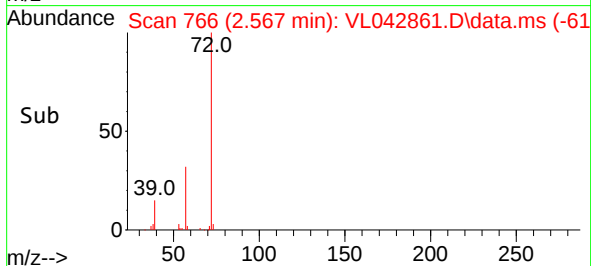
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 5152
Ion Ratio Lower Upper
43 100
72 23.6 18.6 28.0

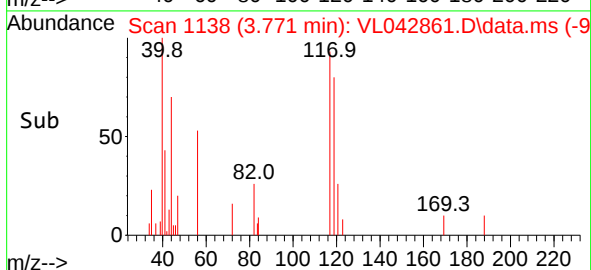
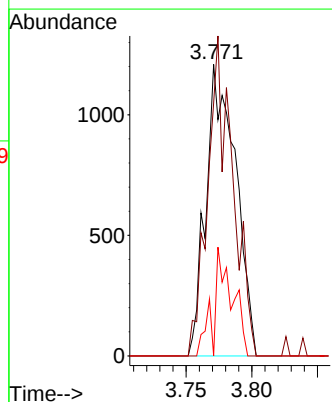
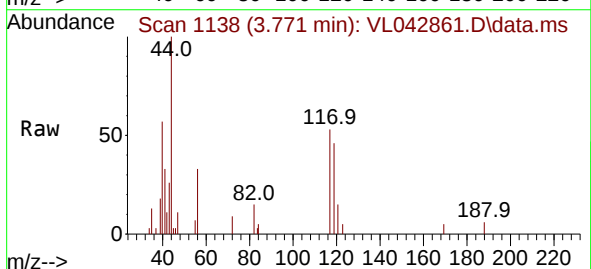
Manual Integrations
APPROVED

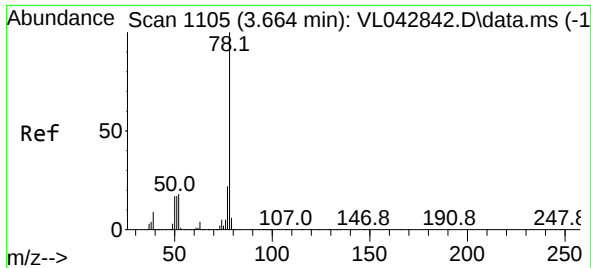
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#35
Carbon Tetrachloride
Concen: 0.074 ppbv m
RT: 3.771 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

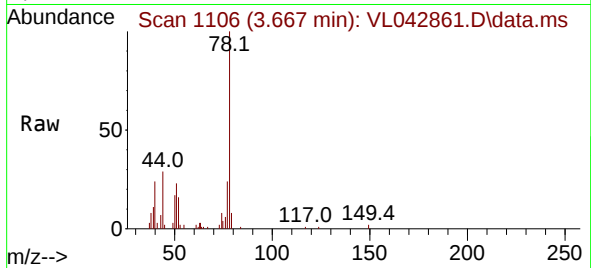
Tgt Ion:117 Resp: 1901
Ion Ratio Lower Upper
117 100
119 86.7 74.7 112.1
121 0.0 23.2 34.8#





#36
Benzene
Concen: 0.276 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

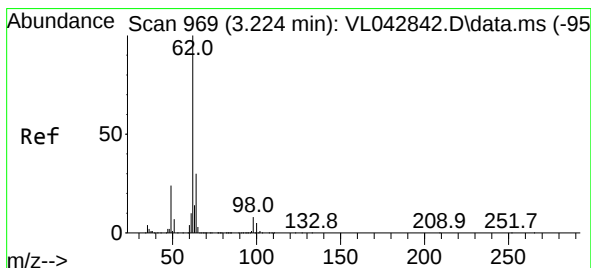
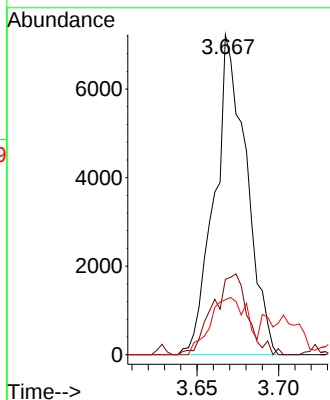
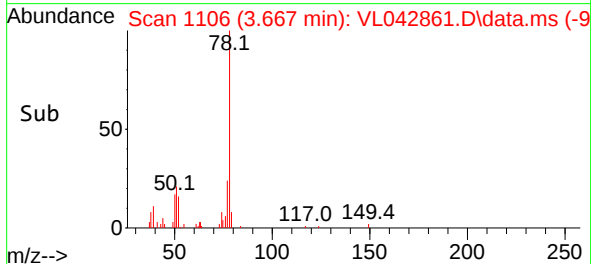
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 78 Resp: 9832
Ion Ratio Lower Upper
78 100
77 23.5 17.7 26.5
50 17.1 13.9 20.9

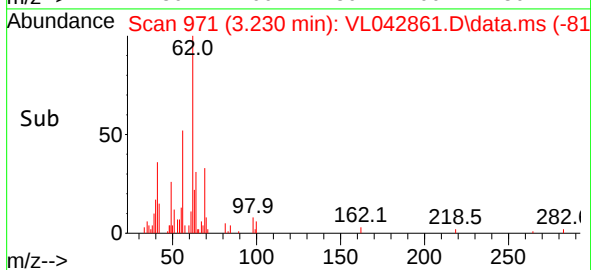
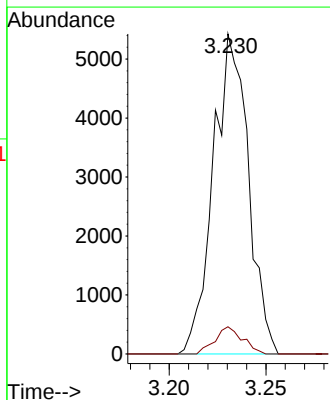
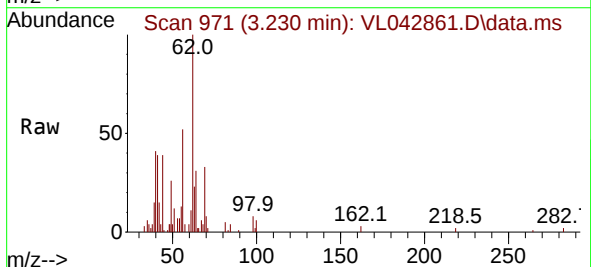
Manual Integrations
APPROVED

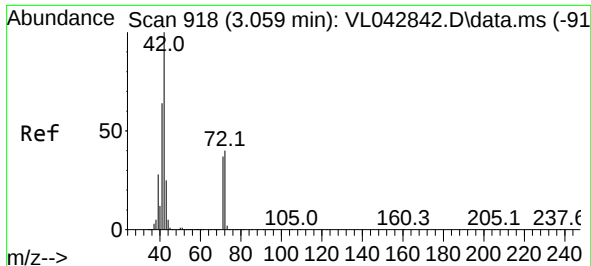
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#37
1,2-Dichloroethane
Concen: 0.367 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

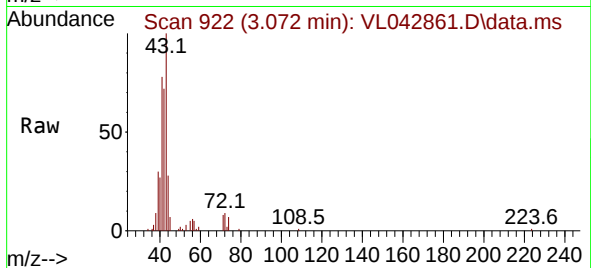
Tgt Ion: 62 Resp: 6821
Ion Ratio Lower Upper
62 100
98 6.7 5.9 8.9





#41
Tetrahydrofuran
Concen: 0.618 ppbv m
RT: 3.072 min Scan# 918
Delta R.T. 0.013 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

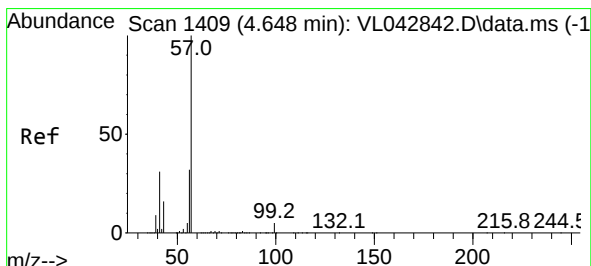
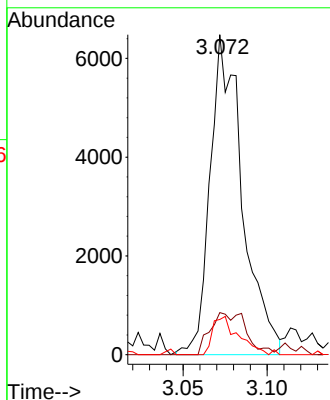
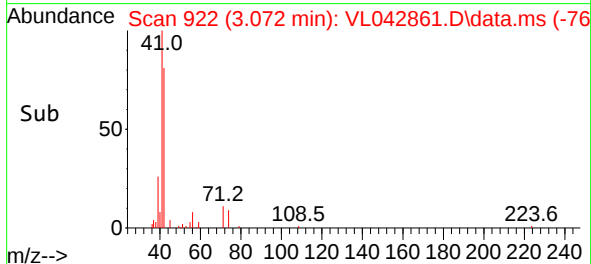
Instrument :
MSVOA_L
ClientSampleId :
IA1



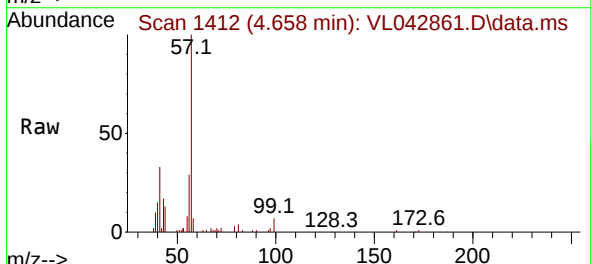
Tgt Ion: 42 Resp: 8649
Ion Ratio Lower Upper
42 100
72 16.5 32.6 48.8#
71 0.0 30.0 45.0#

Manual Integrations
APPROVED

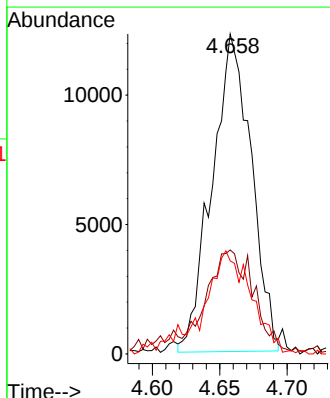
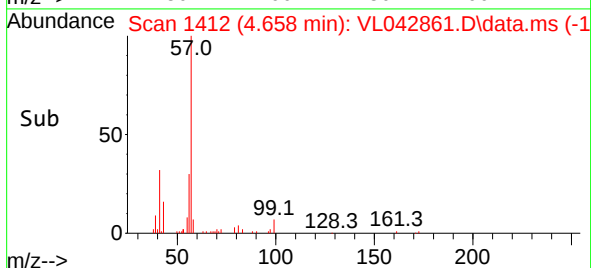
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

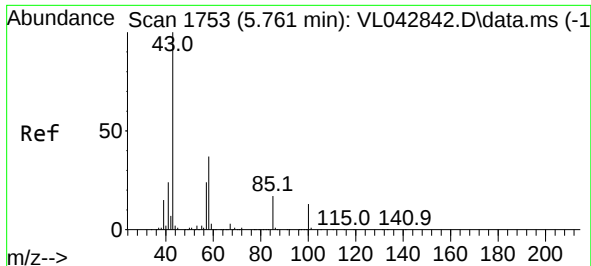


#44
2,2,4-Trimethylpentane
Concen: 0.411 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



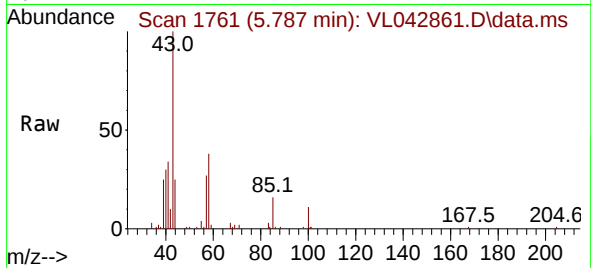
Tgt Ion: 57 Resp: 24827
Ion Ratio Lower Upper
57 100
41 41.7 24.8 37.2#
56 41.1 25.5 38.3#





#50
4-Methyl-2-Pentanone
Concen: 0.707 ppbv m
RT: 5.787 min Scan# 1761
Delta R.T. 0.026 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

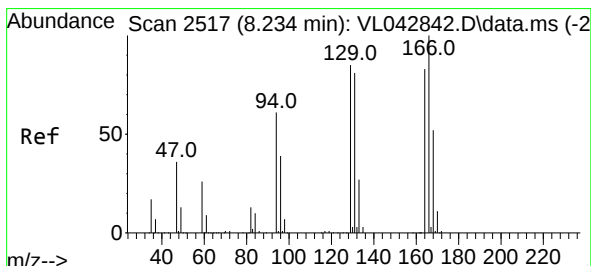
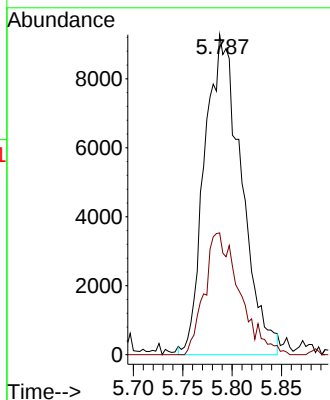
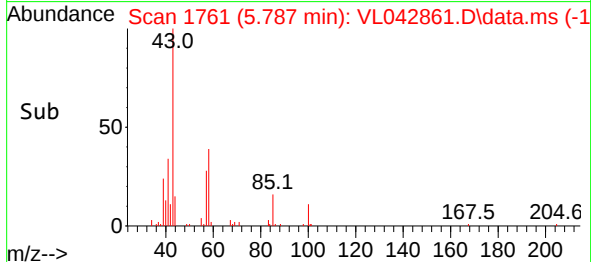
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 23984
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8

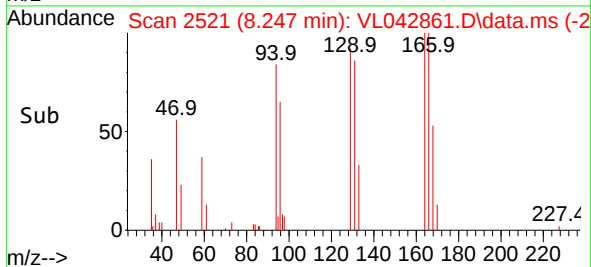
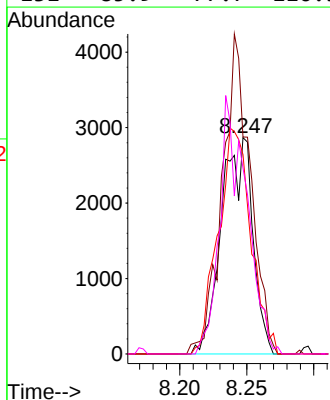
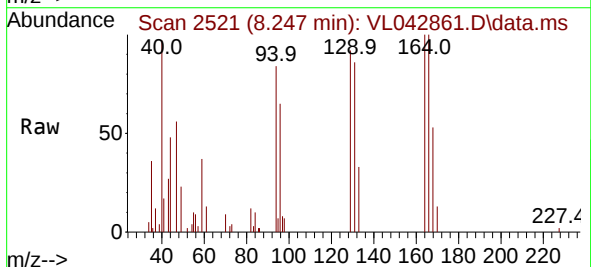
Manual Integrations
APPROVED

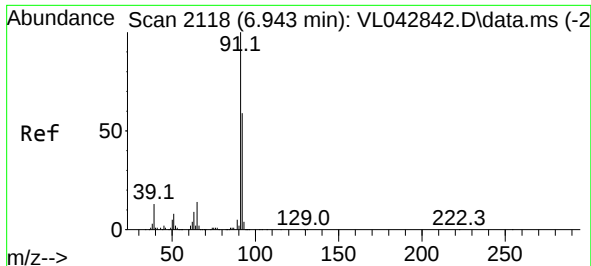
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#52
Tetrachloroethene
Concen: 0.362 ppbv m
RT: 8.247 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Tgt Ion:164 Resp: 4663
Ion Ratio Lower Upper
164 100
166 100.3 96.5 144.7
129 92.1 81.8 122.6
131 85.9 77.7 116.5





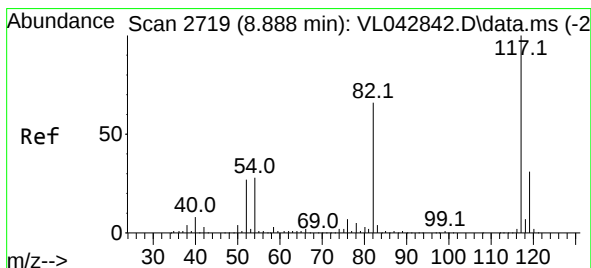
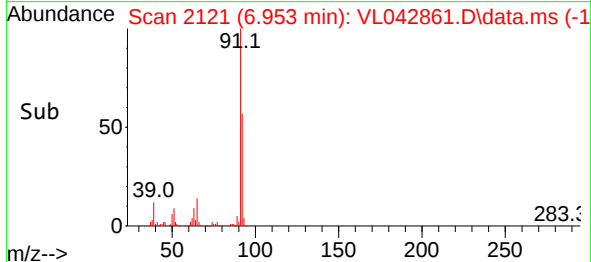
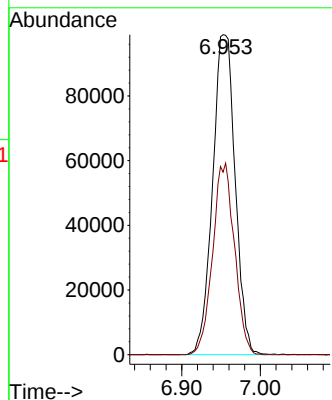
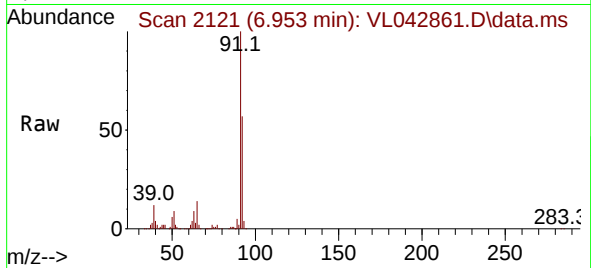
#53
Toluene
Concen: 4.661 ppbv m
RT: 6.953 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 19734
Ion Ratio Lower Upper
91 100
92 57.9 47.8 71.6

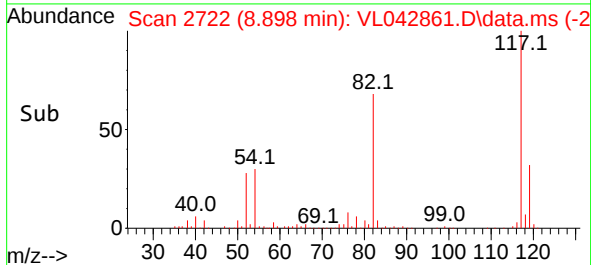
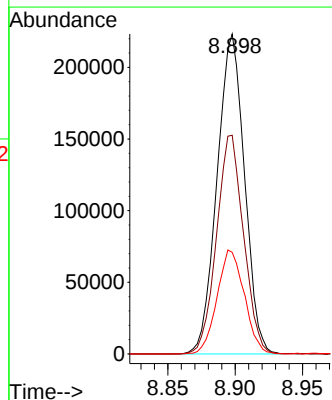
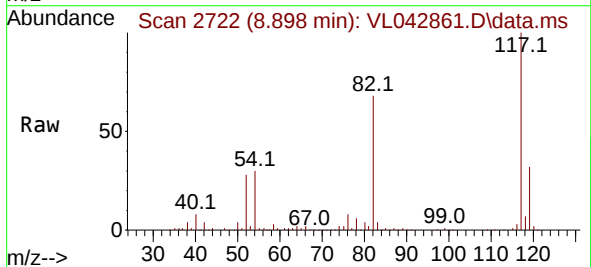
Manual Integrations
APPROVED

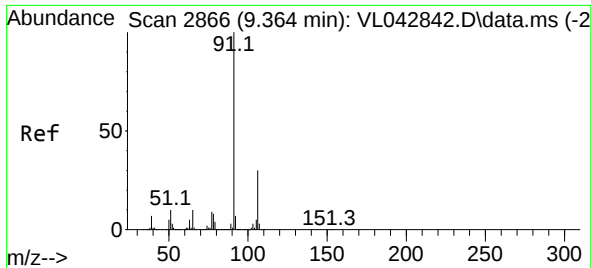
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Tgt Ion:117 Resp: 316310
Ion Ratio Lower Upper
117 100
82 67.4 54.6 81.8
119 32.3 25.9 38.9





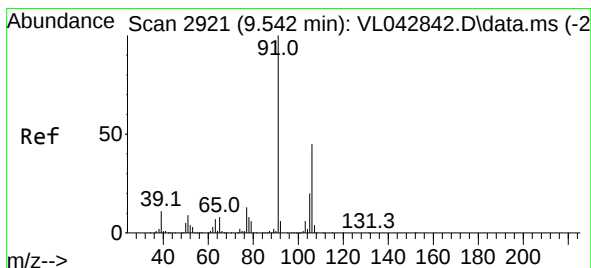
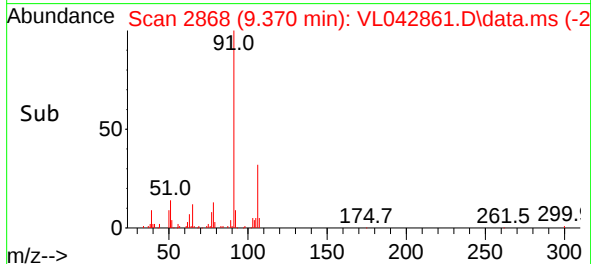
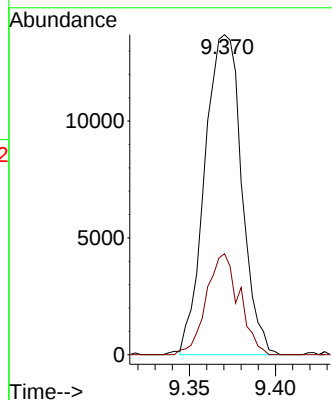
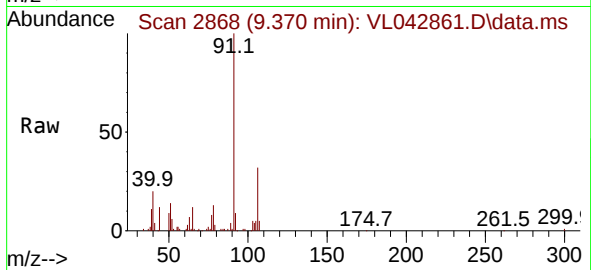
#58
Ethyl Benzene
Concen: 0.366 ppbv
RT: 9.370 min Scan# 2866
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 20420
Ion Ratio Lower Upper
91 100
106 31.5 23.9 35.9

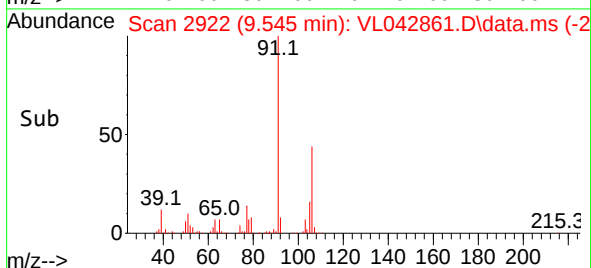
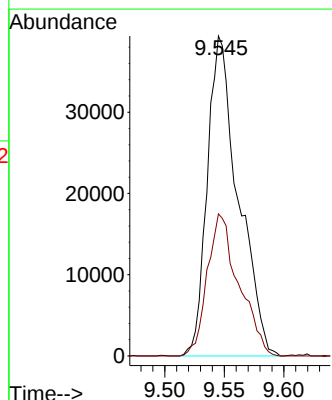
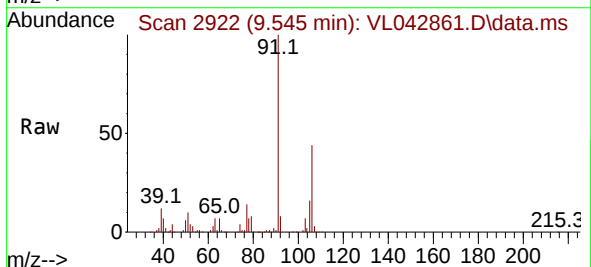
Manual Integrations
APPROVED

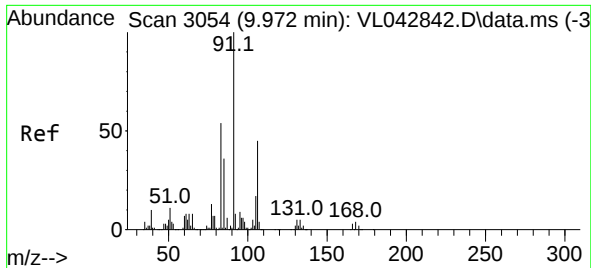
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#59
m/p-Xylene
Concen: 1.629 ppbv
RT: 9.545 min Scan# 2922
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

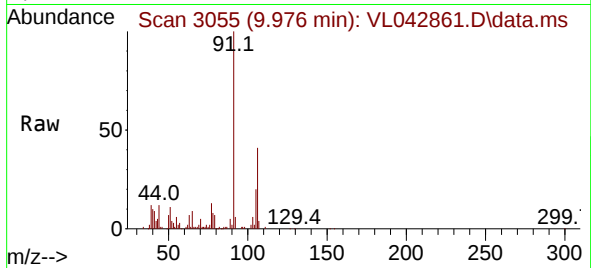
Tgt Ion: 91 Resp: 71285
Ion Ratio Lower Upper
91 100
106 45.2 0.0 0.0#





#60
o-Xylene
Concen: 0.807 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

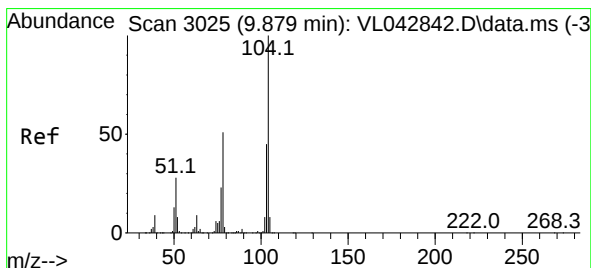
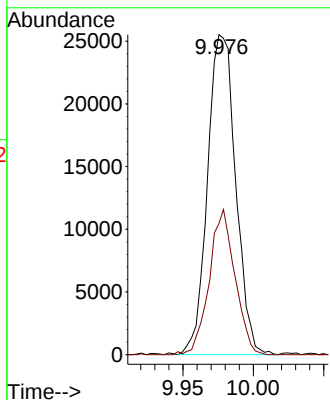
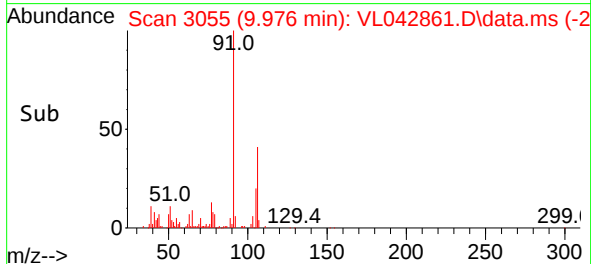
Instrument :
MSVOA_L
ClientSampleId :
IA1



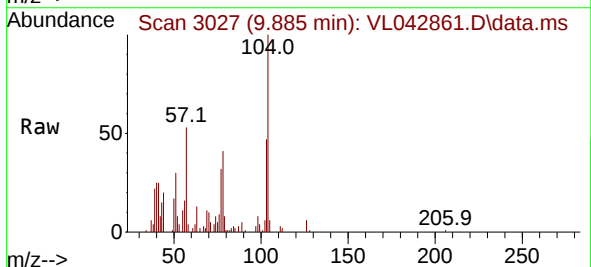
Tgt Ion: 91 Resp: 35539
Ion Ratio Lower Upper
91 100
106 41.4 21.8 65.4

Manual Integrations
APPROVED

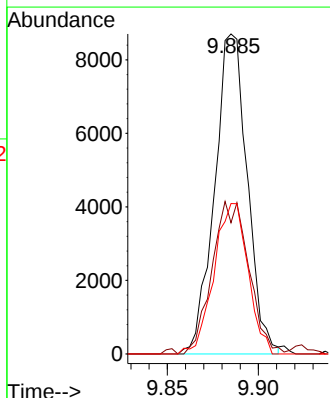
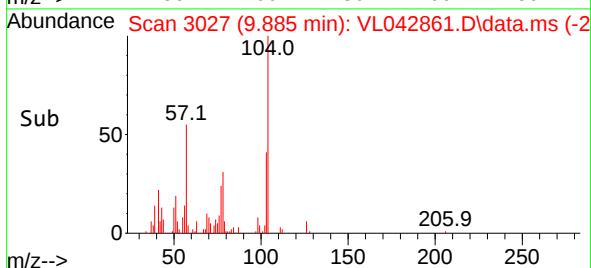
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

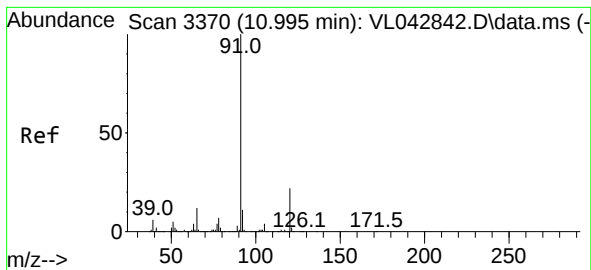


#61
Styrene
Concen: 0.527 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



Tgt Ion:104 Resp: 10873
Ion Ratio Lower Upper
104 100
78 55.5 40.6 61.0
103 48.8 37.7 56.5





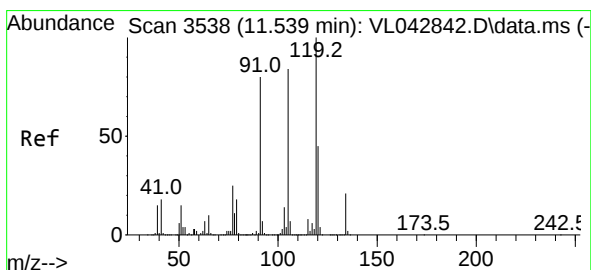
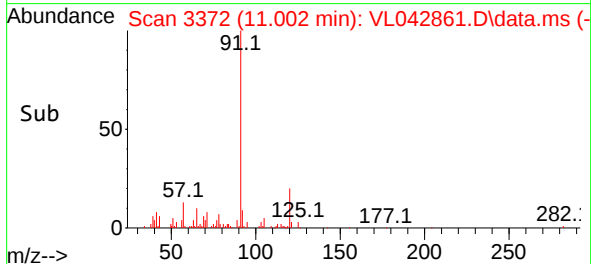
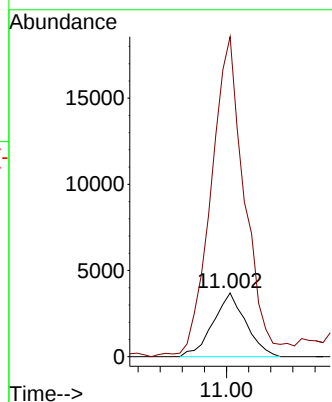
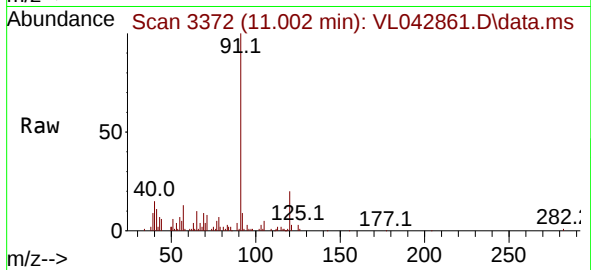
#64
n-propylbenzene
Concen: 0.232 ppbv
RT: 11.002 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:120 Resp: 3809
Ion Ratio Lower Upper
120 100
91 522.1 375.8 563.6

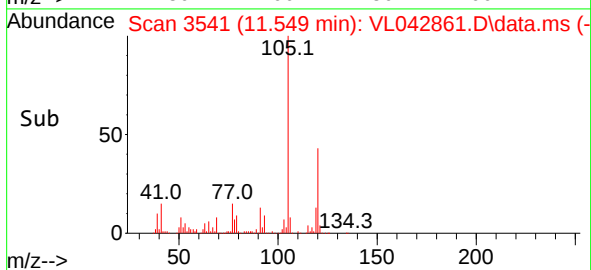
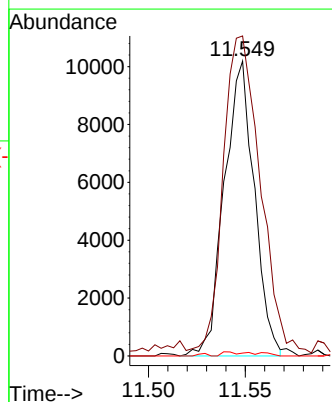
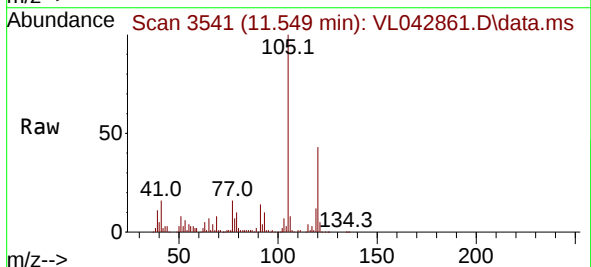
Manual Integrations
APPROVED

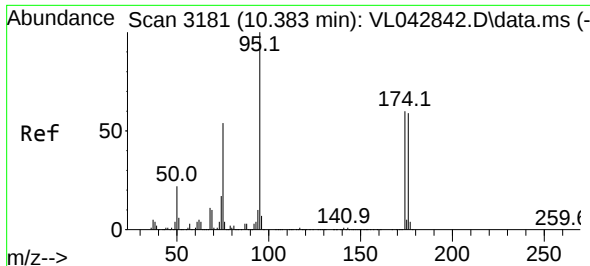
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#65
tert-Butylbenzene
Concen: 0.194 ppbv
RT: 11.549 min Scan# 3541
Delta R.T. 0.010 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

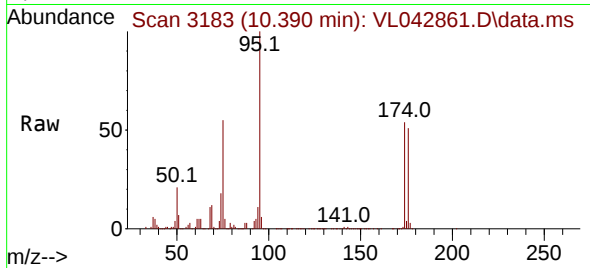
Tgt Ion:119 Resp: 11019
Ion Ratio Lower Upper
119 100
91 135.5 63.9 95.9#
134 0.0 17.0 25.4#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.430 ppbv
RT: 10.390 min Scan# 3181
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

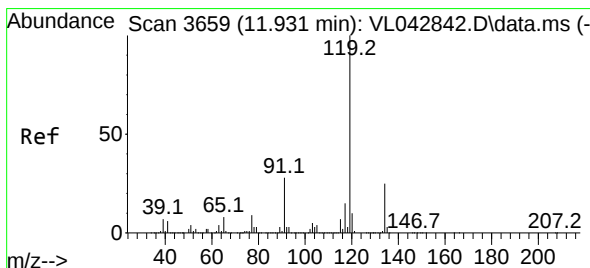
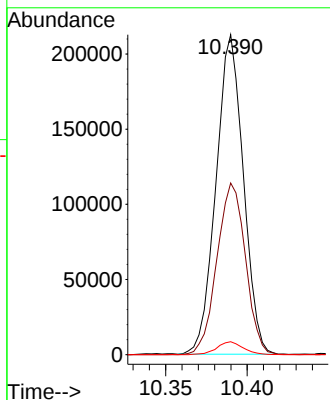
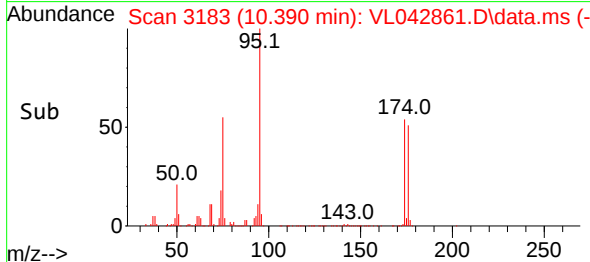
Instrument :
MSVOA_L
ClientSampleId :
IA1



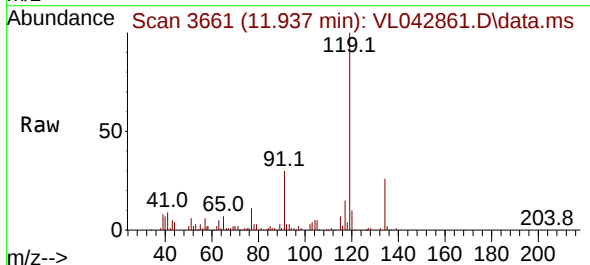
Tgt Ion: 95 Resp: 24743
Ion Ratio Lower Upper
95 100
174 56.1 48.4 72.6
175 3.9 3.8 5.8

Manual Integrations
APPROVED

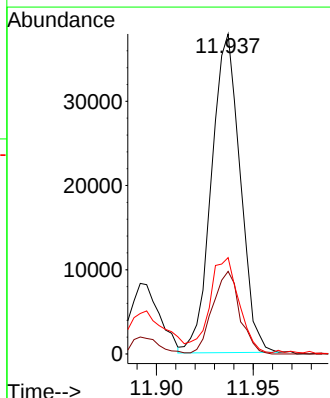
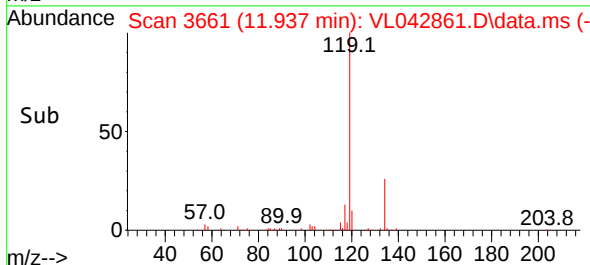
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

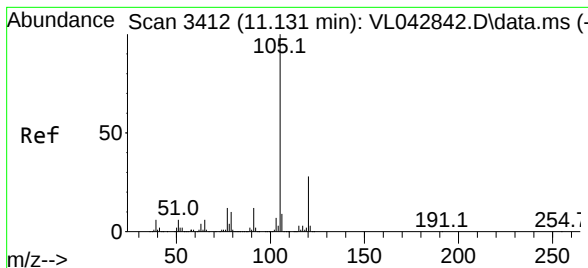


#69
p-Isopropyltoluene
Concen: 0.570 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



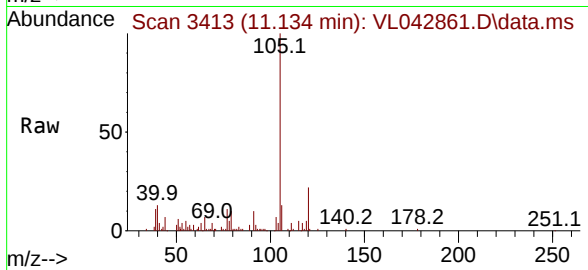
Tgt Ion:119 Resp: 38968
Ion Ratio Lower Upper
119 100
134 24.5 20.6 30.8
91 31.8 22.6 34.0





#72
4-Ethyltoluene
Concen: 0.379 ppbv
RT: 11.134 min Scan# 3412
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

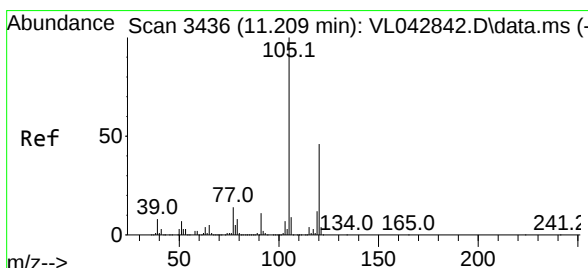
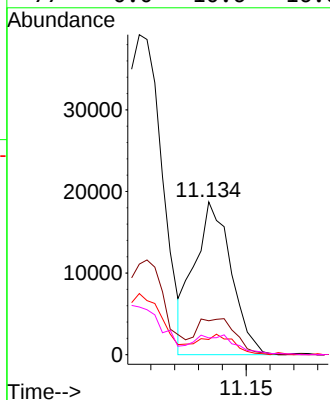
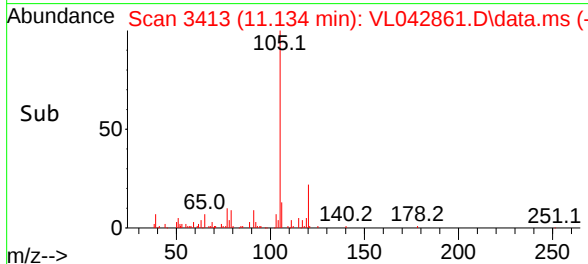
Instrument :
MSVOA_L
ClientSampleId :
IA1



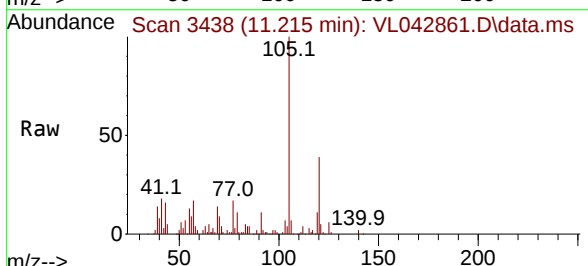
Tgt Ion:105 Resp: 20240
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.2
91 0.0 9.8 14.6
77 0.0 10.6 16.0

Manual Integrations
APPROVED

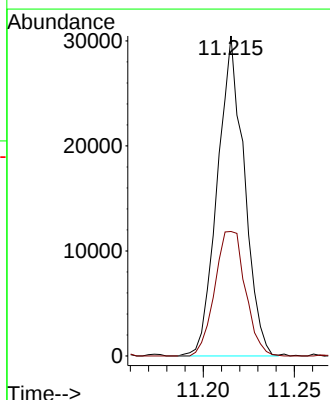
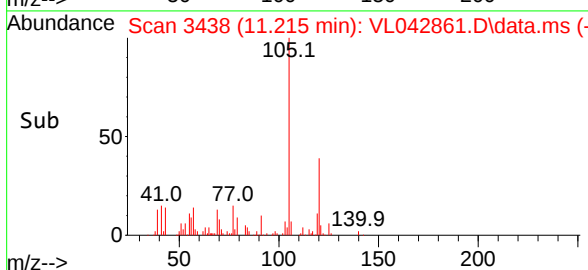
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

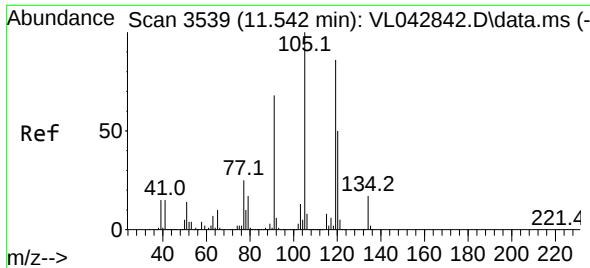


#73
1,3,5-Trimethylbenzene
Concen: 0.687 ppbv
RT: 11.215 min Scan# 3438
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



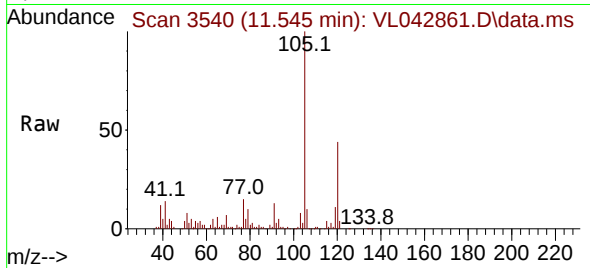
Tgt Ion:105 Resp: 31153
Ion Ratio Lower Upper
105 100
120 38.9 36.6 54.8





#74
1,2,4-Trimethylbenzene
Concen: 1.808 ppbv
RT: 11.545 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49

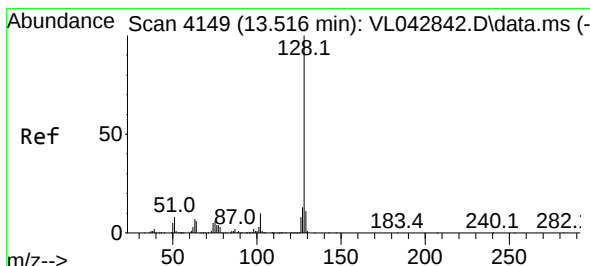
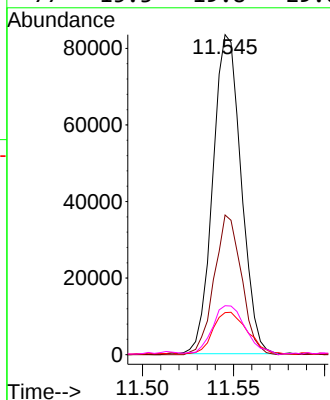
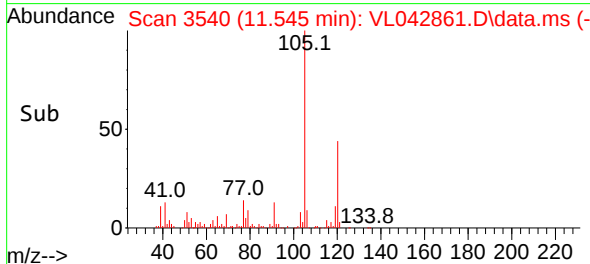
Instrument :
MSVOA_L
ClientSampleId :
IA1



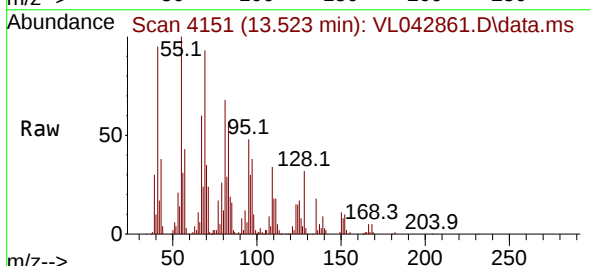
Tgt Ion:105 Resp: 90034
Ion Ratio Lower Upper
105 100
120 43.8 39.8 59.6
91 13.0 54.2 81.4
77 15.3 19.8 29.6#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#79
Naphthalene
Concen: 0.333 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. 0.006 min
Lab File: VL042861.D
Acq: 13 Aug 2025 20:49



Tgt Ion:128 Resp: 15027
Ion Ratio Lower Upper
128 100
127 4.6 10.6 16.0#
129 10.0 8.9 13.3

