

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042364.D
 Acq On : 17 Apr 2025 18:58
 Operator : SY/MD
 Sample : Q1668-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-1-3252025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/18/2025
 Supervised By : Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:41:00 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.791	49	117691	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	343133	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	303219	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	247615	9.938	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	10068	0.484	ppbv	96
3) Chlorodifluoromethane	1.476	51	5491m	0.277	ppbv	
4) Chloromethane	1.535	50	5532	0.672	ppbv	95
9) Propene	1.489	41	7365m	0.817	ppbv	
10) Heptane	4.988	43	48989	1.934	ppbv	95
11) Trichlorofluoromethane	1.881	101	4688	0.237	ppbv	90
13) Ethanol	1.722	45	257475	179.643	ppbv	74
15) Acetone	1.839	43	140628	7.299	ppbv	90
17) tert-Butyl alcohol	2.046	59	8687	0.364	ppbv #	56
19) Isopropyl Alcohol	1.891	45	33526	3.132	ppbv #	17
20) Methylene Chloride	2.066	84	39273	5.205	ppbv	93
26) Hexane	2.829	57	92595	4.817	ppbv #	33
30) Cyclohexane	3.865	84	28679	1.845	ppbv	97
34) 2-Butanone	2.564	43	22380	0.825	ppbv	99
35) Carbon Tetrachloride	3.771	117	2263m	0.073	ppbv	
36) Benzene	3.664	78	28409	0.768	ppbv	94
44) 2,2,4-Trimethylpentane	4.648	57	23617m	0.369	ppbv	
50) 4-Methyl-2-Pentanone	5.758	43	441281	9.785	ppbv	99
52) Tetrachloroethene	8.235	164	715m	0.050	ppbv	
53) Toluene	6.940	91	121585	2.738	ppbv	100
58) Ethyl Benzene	9.358	91	156392	2.603	ppbv	98
59) m/p-Xylene	9.536	91	706391	14.596	ppbv	100
60) o-Xylene	9.969	91	301328	6.183	ppbv	100
61) Styrene	9.872	104	14156	0.609	ppbv	93
62) Isopropylbenzene	10.542	105	25514	0.357	ppbv	97
64) n-propylbenzene	10.992	120	27632	1.536	ppbv	98
67) sec-Butylbenzene	11.772	105	18674	0.204	ppbv	94
69) p-Isopropyltoluene	11.931	119	13409	0.169	ppbv	99
70) n-Butylbenzene	12.293	91	80990m	0.978	ppbv	
72) 4-Ethyltoluene	11.128	105	191371	3.212	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.209	105	207820	3.951	ppbv	98
74) 1,2,4-Trimethylbenzene	11.539	105	701287	11.415	ppbv #	64
79) Naphthalene	13.517	128	36056	0.491	ppbv	97
80) Naphthalene,2-methyl-	14.462	142	14016	0.335	ppbv #	58

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

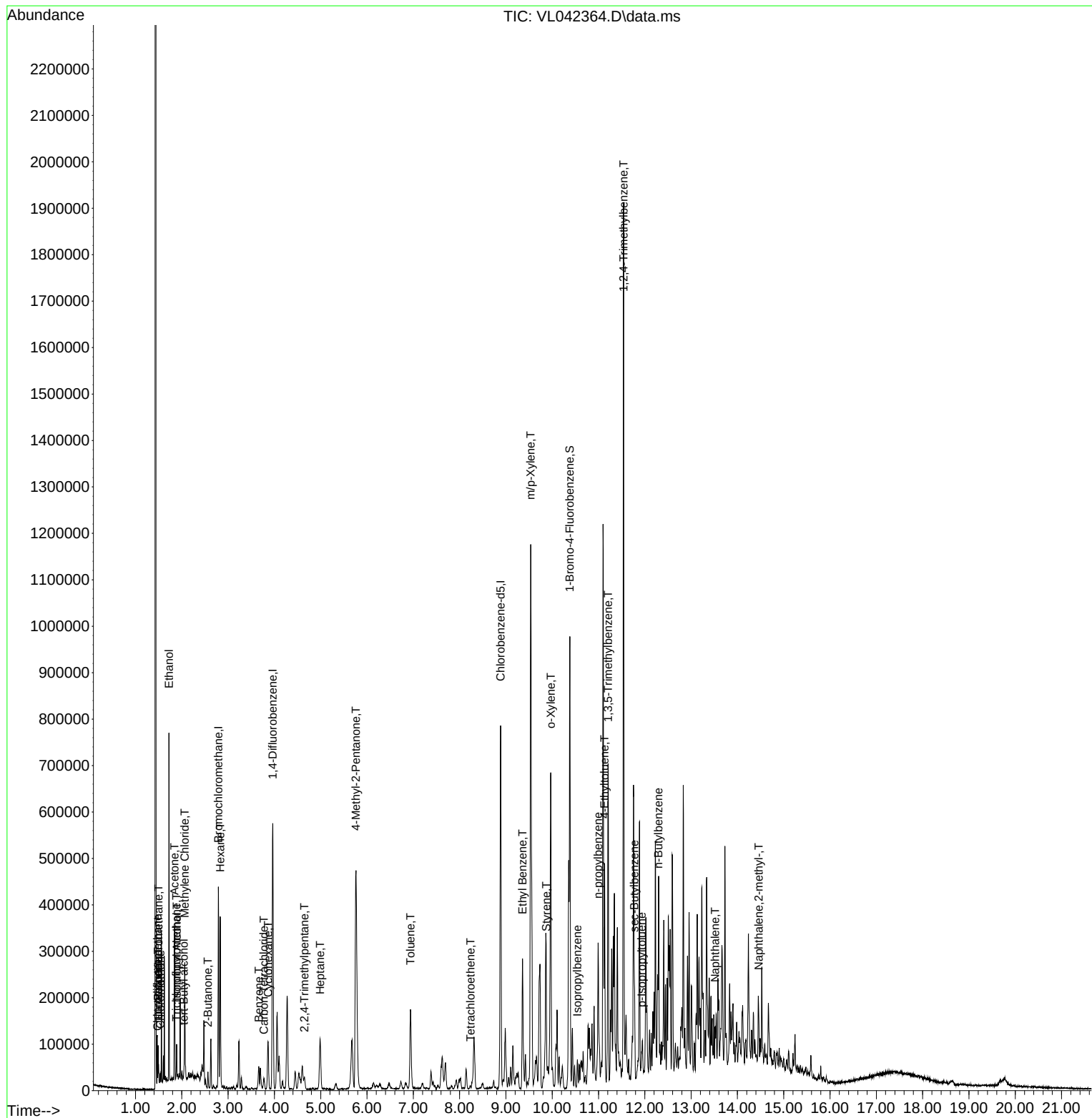
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042364.D
Acq On : 17 Apr 2025 18:58
Operator : SY/MD
Sample : Q1668-04
Misc : 400mL/MSVOA_L
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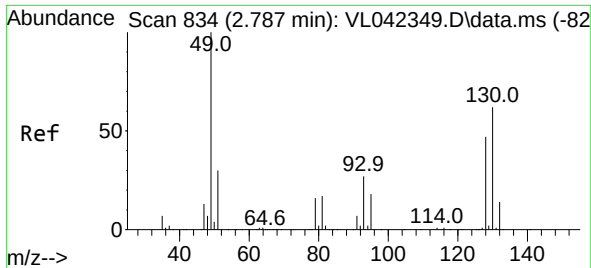
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:41:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration





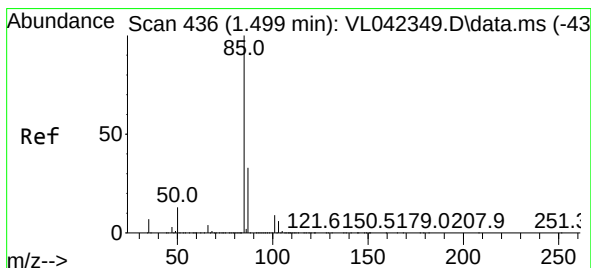
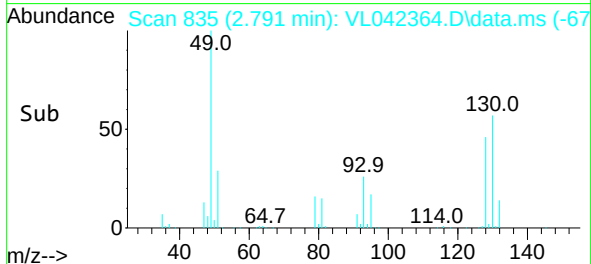
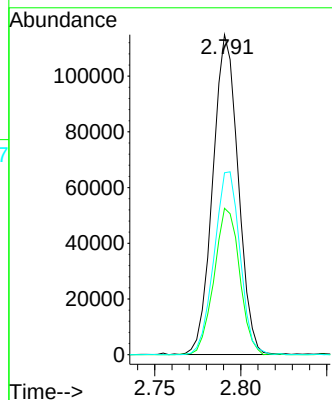
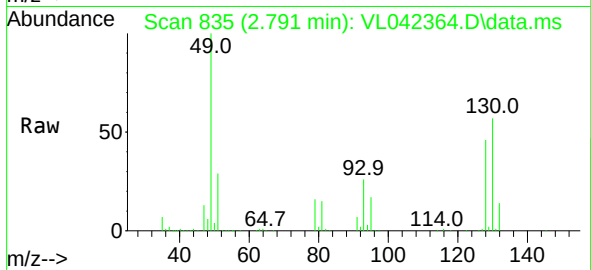
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.791 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Tgt Ion: 49 Resp: 11769
Ion Ratio Lower Upper
49 100
128 46.1 22.8 68.4
130 58.4 29.3 88.0

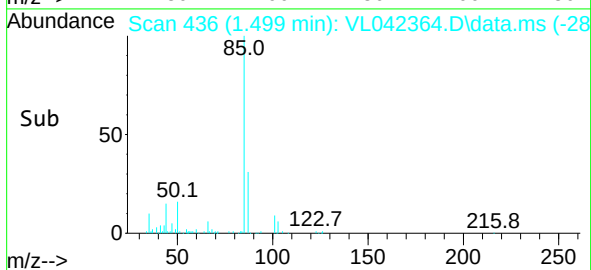
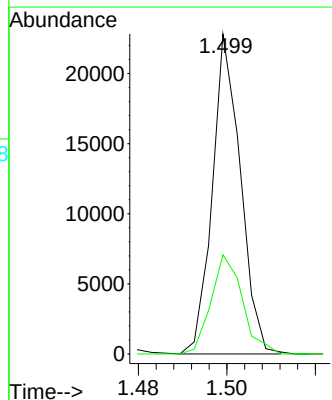
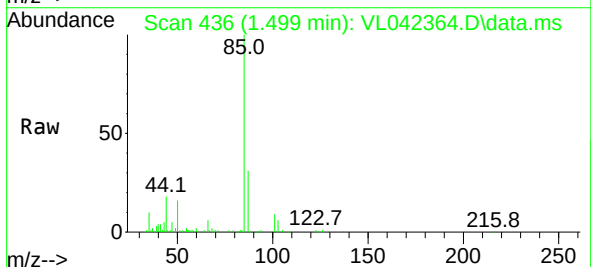
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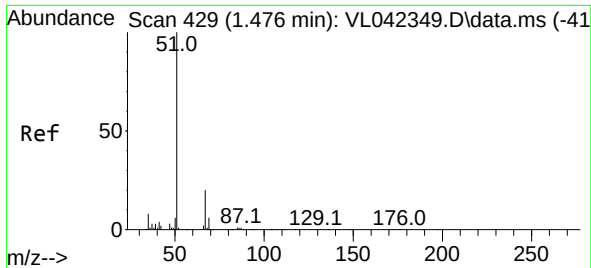
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#2
Dichlorodifluoromethane
Concen: 0.484 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

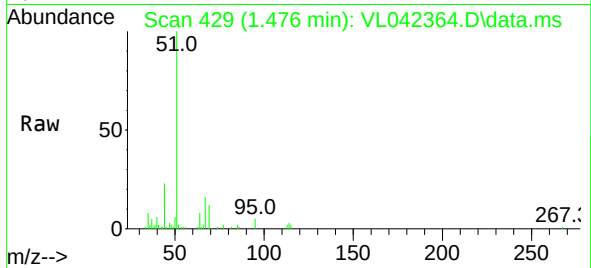
Tgt Ion: 85 Resp: 10068
Ion Ratio Lower Upper
85 100
87 31.0 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.277 ppbv m
RT: 1.476 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

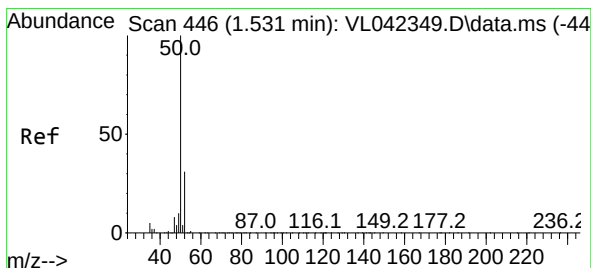
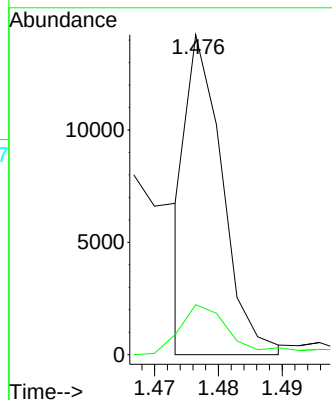
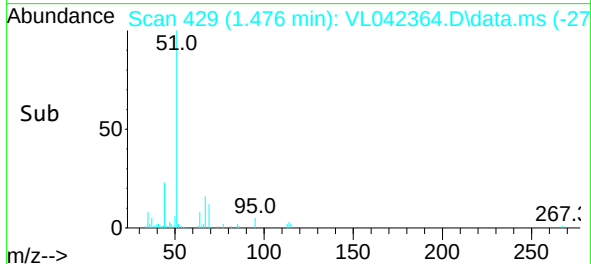
Instrument :
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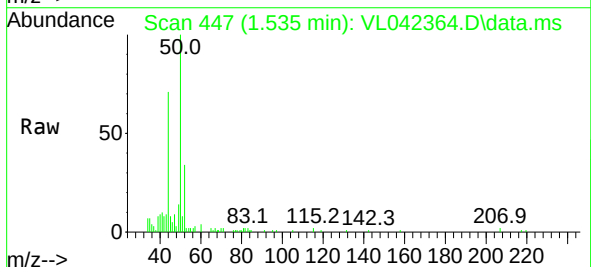
Tgt Ion: 51 Resp: 549
Ion Ratio Lower Upper
51 100
67 6.1 16.2 24.4

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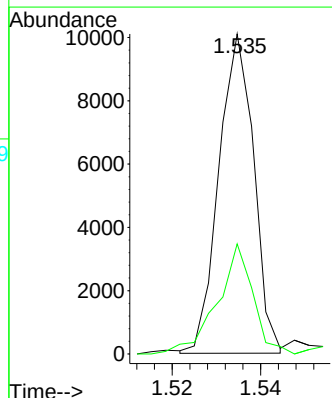
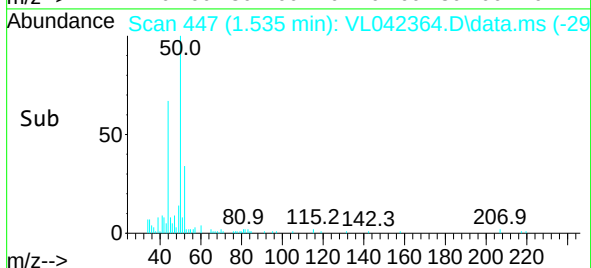
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

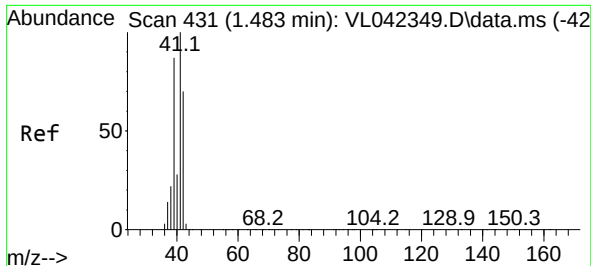


#4
Chloromethane
Concen: 0.672 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



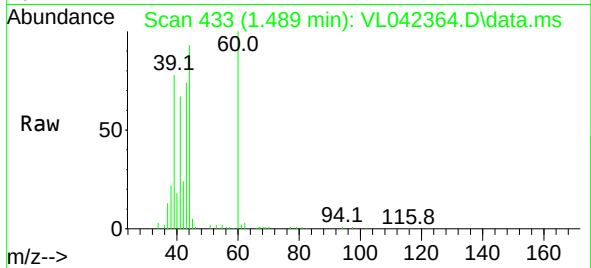
Tgt Ion: 50 Resp: 5532
Ion Ratio Lower Upper
50 100
52 33.4 24.7 37.1





#9
 Propene
 Concen: 0.817 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042364.D
 Acq: 17 Apr 2025 18:58

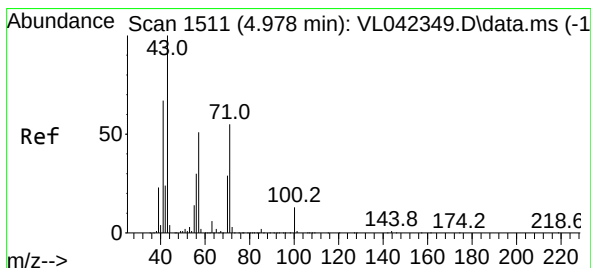
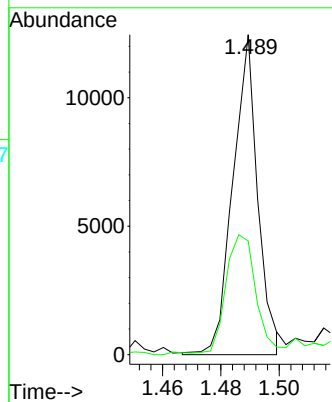
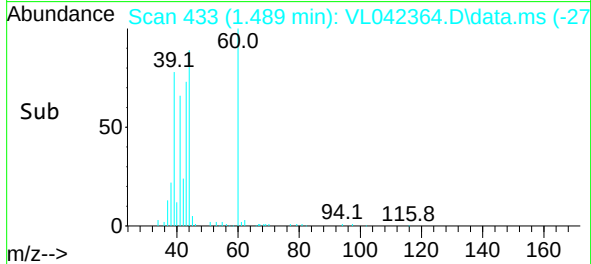
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-1-3252025



Tgt Ion: 41 Resp: 736
 Ion Ratio Lower Upper
 41 100
 42 303.3 56.2 84.4

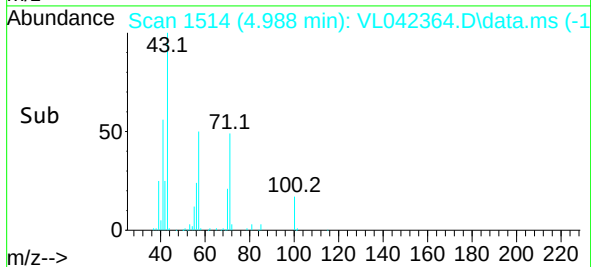
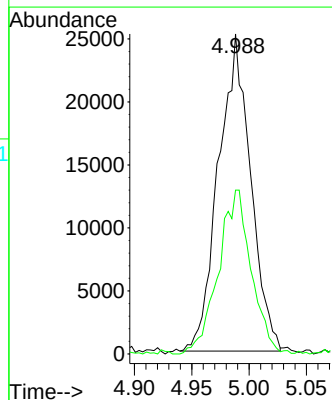
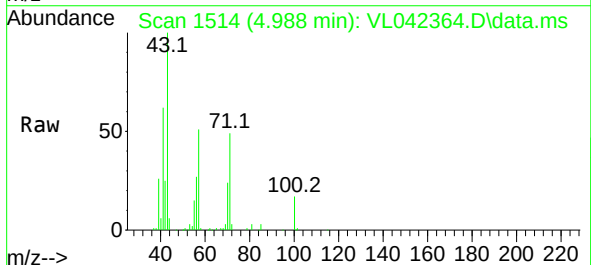
Manual Integrations
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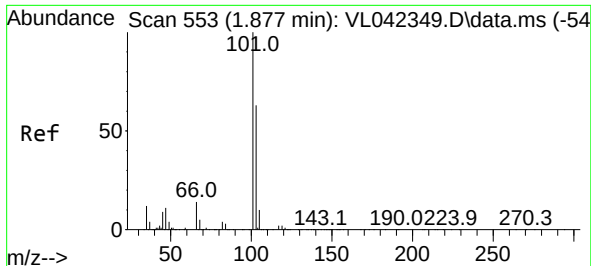
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 1.934 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. 0.010 min
 Lab File: VL042364.D
 Acq: 17 Apr 2025 18:58

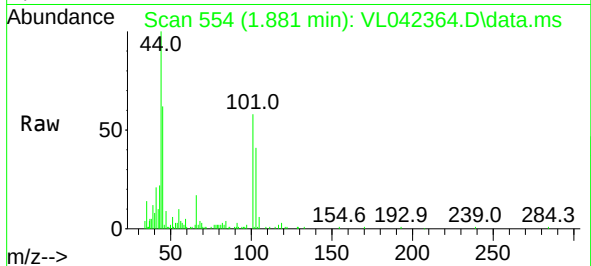
Tgt Ion: 43 Resp: 48989
 Ion Ratio Lower Upper
 43 100
 57 53.3 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.237 ppbv
RT: 1.881 min Scan# 505
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

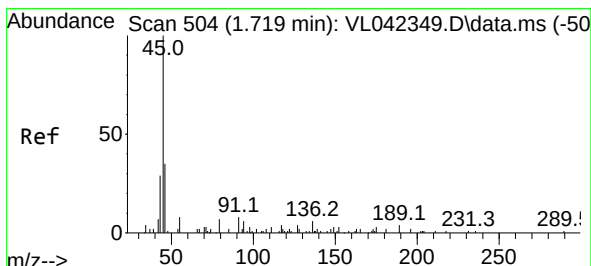
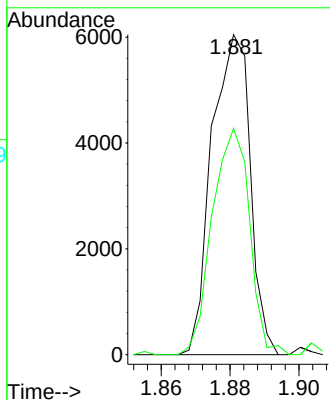
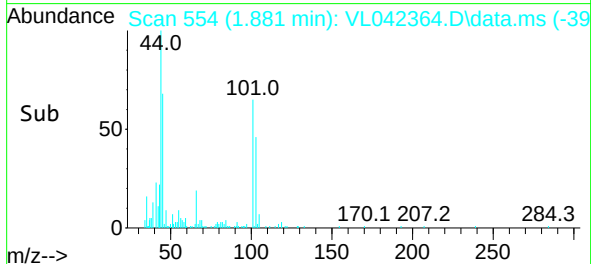
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025



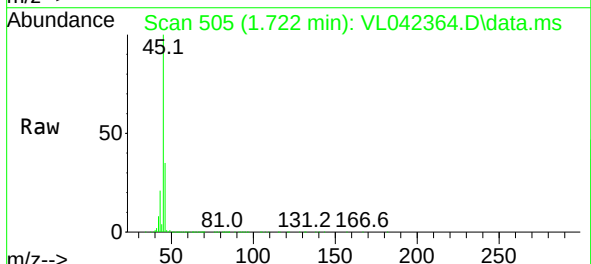
Tgt Ion:101 Resp: 4688
Ion Ratio Lower Upper
101 100
103 70.7 50.1 75.1

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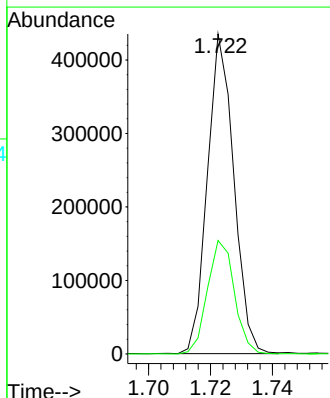
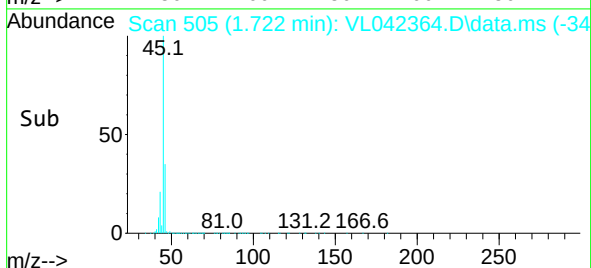
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

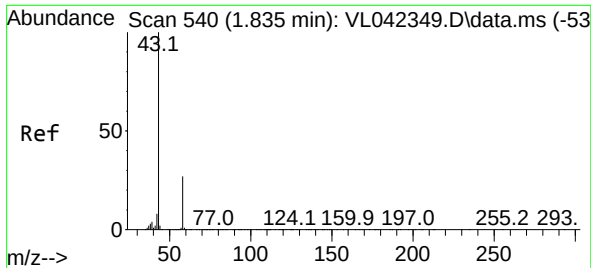


#13
Ethanol
Concen: 179.643 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



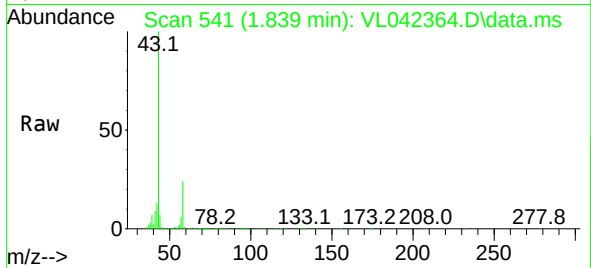
Tgt Ion: 45 Resp: 257475
Ion Ratio Lower Upper
45 100
46 36.4 21.9 87.7





#15
Acetone
Concen: 7.299 ppbv
RT: 1.839 min Scan# 540
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

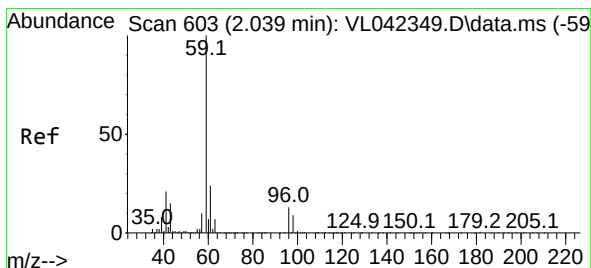
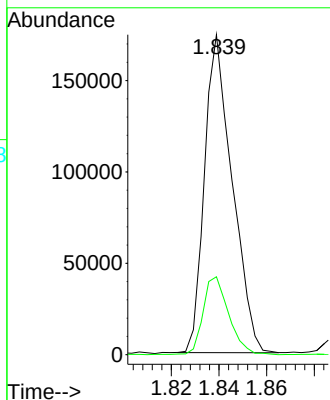
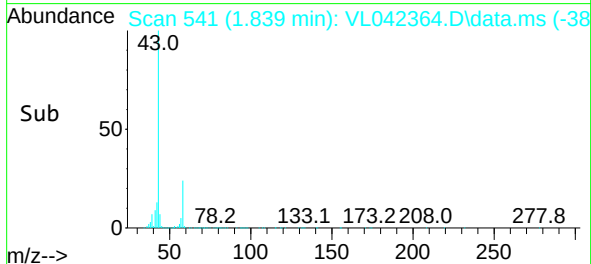
Instrument :
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IA-B1-1-3252025



Tgt Ion: 43 Resp: 140628
Ion Ratio Lower Upper
43 100
58 22.9 22.4 33.6

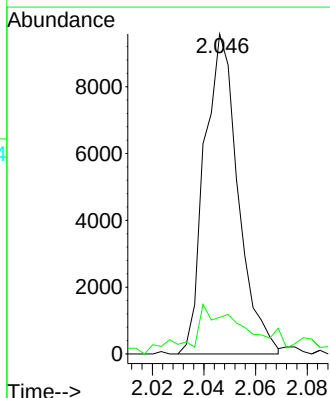
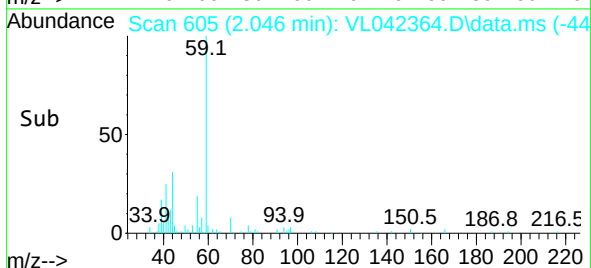
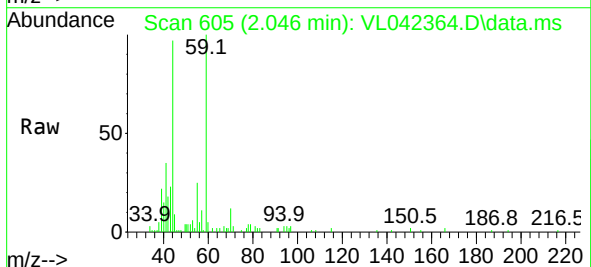
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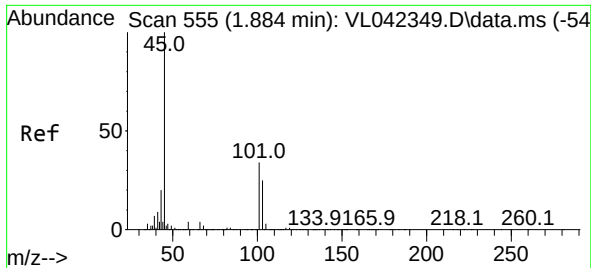
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 0.364 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

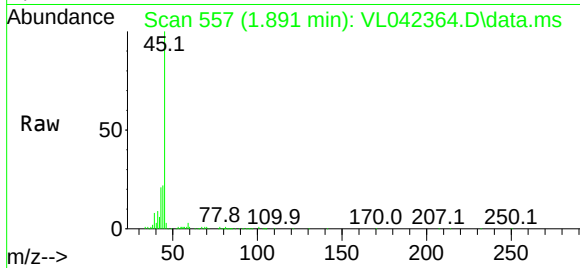
Tgt Ion: 59 Resp: 8687
Ion Ratio Lower Upper
59 100
57 27.5 8.7 13.1#





#19
Isopropyl Alcohol
Concen: 3.132 ppbv
RT: 1.891 min Scan# 511
Delta R.T. 0.007 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

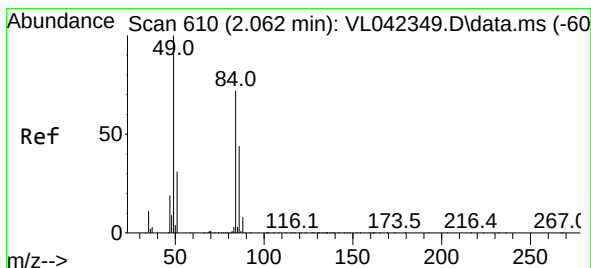
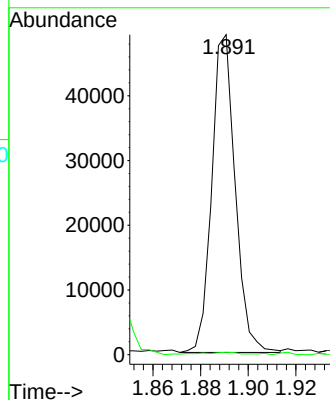
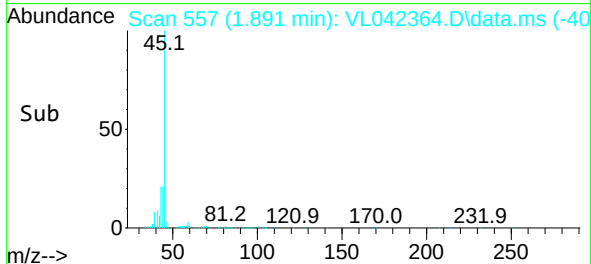
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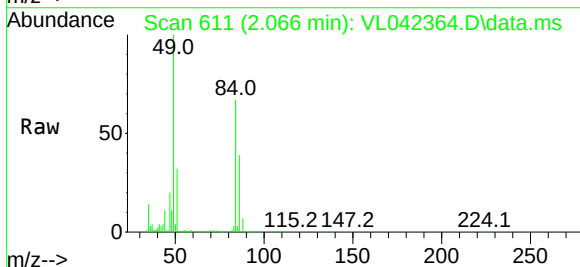
Tgt Ion: 45 Resp: 33520
Ion Ratio Lower Upper
45 100
58 96.1 34.5 51.7

Manual Integrations
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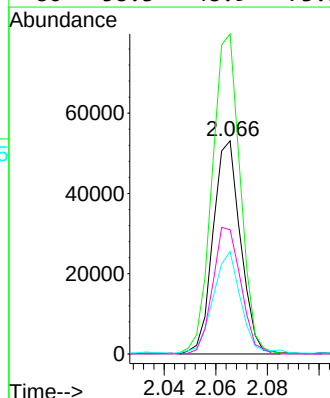
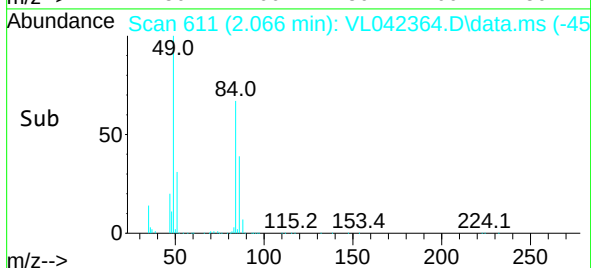
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

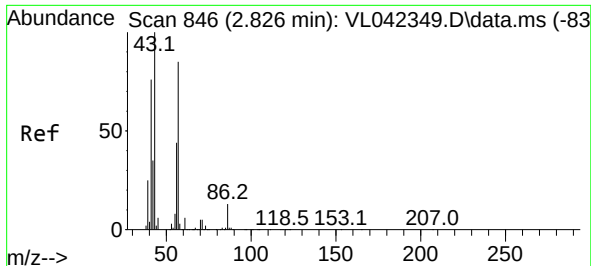


#20
Methylene Chloride
Concen: 5.205 ppbv
RT: 2.066 min Scan# 611
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



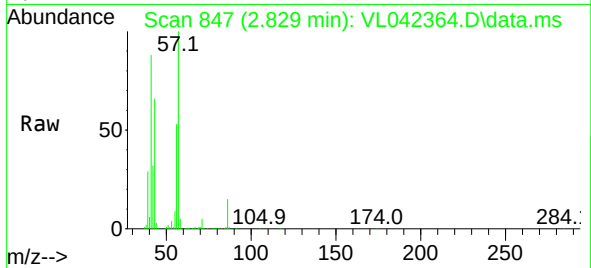
Tgt Ion: 84 Resp: 39273
Ion Ratio Lower Upper
84 100
49 149.8 111.6 167.4
51 47.4 35.1 52.7
86 58.3 48.9 73.3





#26
Hexane
Concen: 4.817 ppbv
RT: 2.829 min Scan# 846
Delta R.T. 0.004 min
Lab File: VL042364.D
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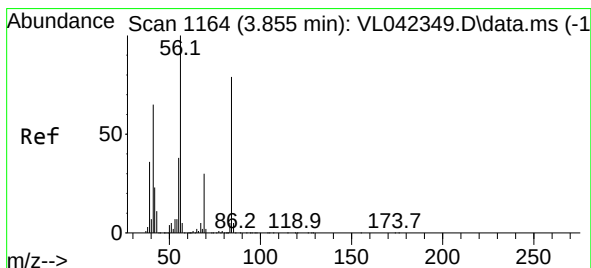
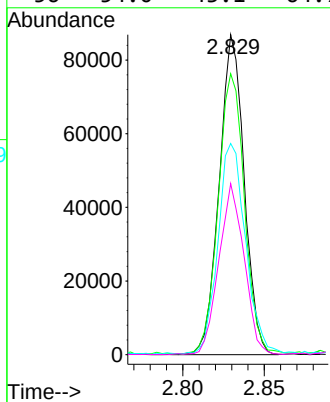
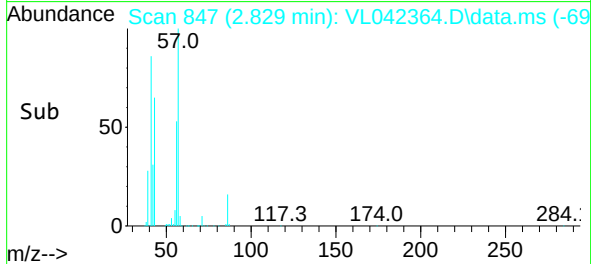
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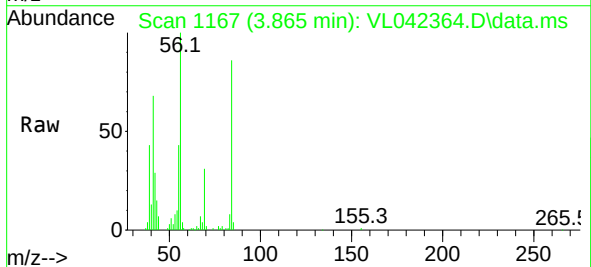
Tgt Ion: 57 Resp: 9259
Ion Ratio Lower Upper
57 100
41 92.9 77.9 116.9
43 73.0 208.4 312.6
56 54.0 43.1 64.7

Manual Integrations
APPROVED

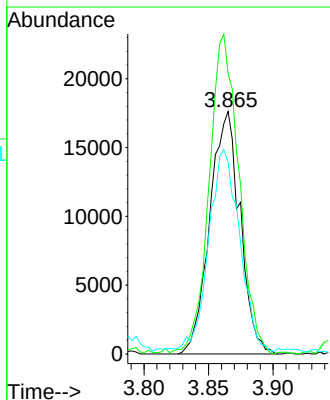
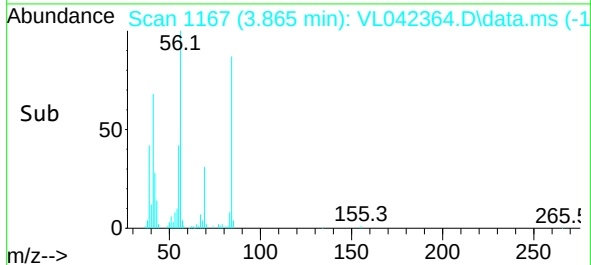
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

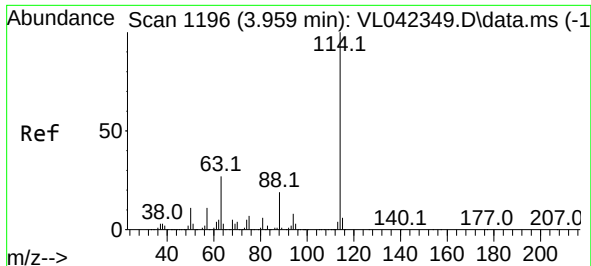


#30
Cyclohexane
Concen: 1.845 ppbv
RT: 3.865 min Scan# 1167
Delta R.T. 0.010 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



Tgt Ion: 84 Resp: 28679
Ion Ratio Lower Upper
84 100
56 129.9 101.0 151.4
41 86.0 67.4 101.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.004 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Instrument :

MSVOA_L

ClientSampleId :

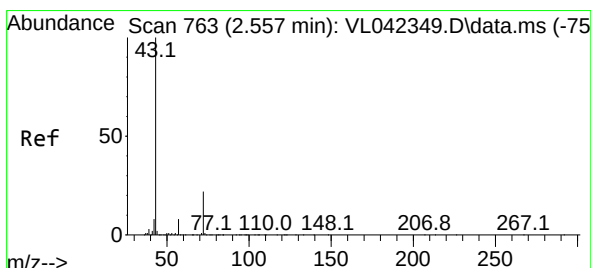
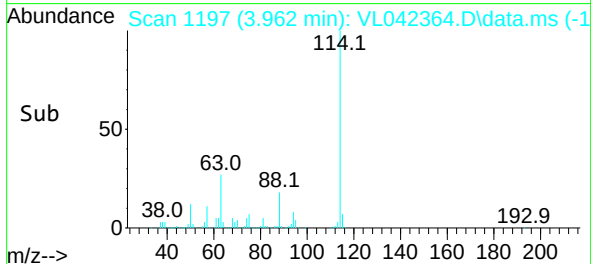
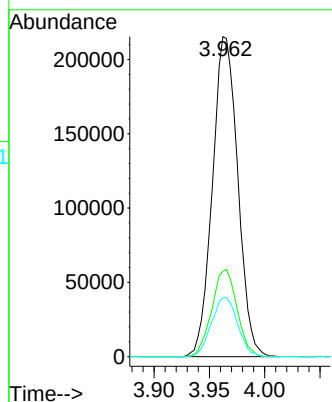
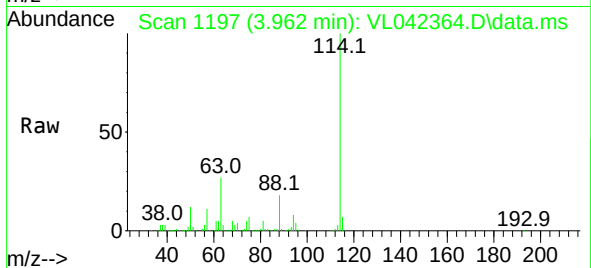
IA-B1-1-3252025

Tgt Ion:114	Resp:	34313
Ion Ratio	Lower	Upper
114	100	
63	27.3	21.8 32.6
88	19.0	15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#34

2-Butanone

Concen: 0.825 ppbv

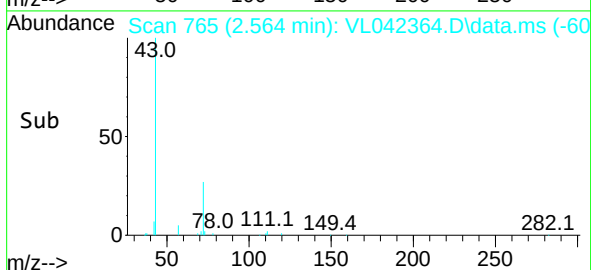
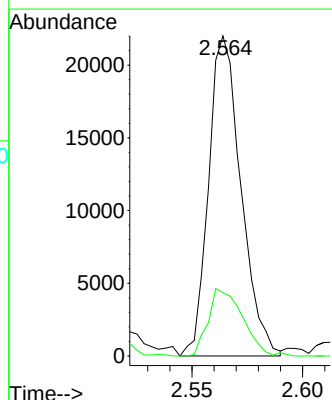
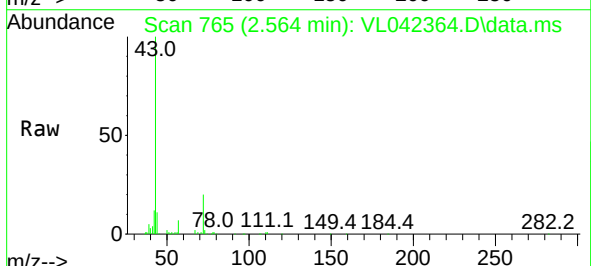
RT: 2.564 min Scan# 765

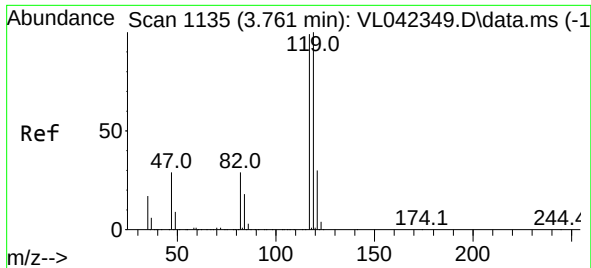
Delta R.T. 0.007 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

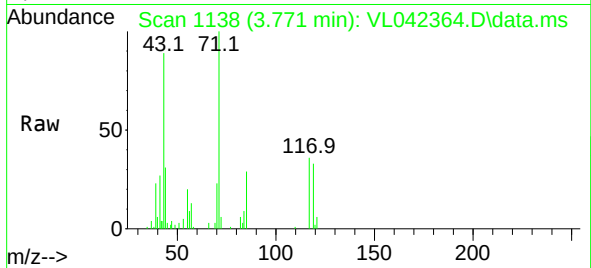
Tgt Ion: 43	Resp:	22380
Ion Ratio	Lower	Upper
43	100	
72	22.4	18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.073 ppbv m
RT: 3.771 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

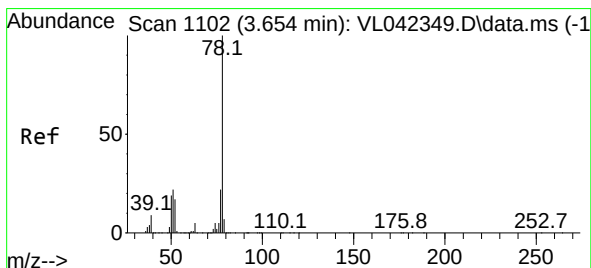
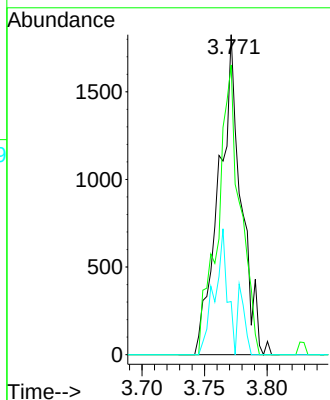
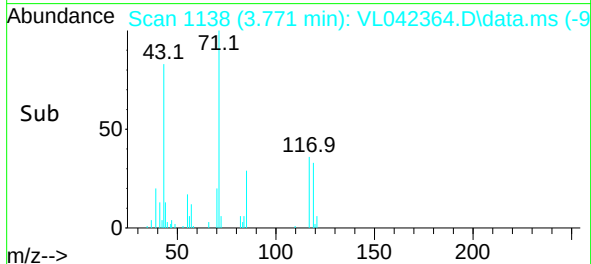
Instrument : MSVOA_L
ClientSampleId : IA-B1-1-3252025



Tgt Ion: 117 Resp: 226
Ion Ratio Lower Upper
117 100
119 90.5 80.5 120.7
121 16.6 24.2 36.2

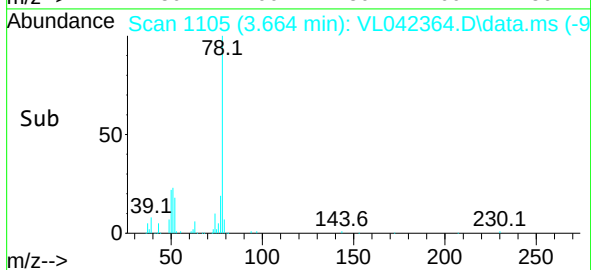
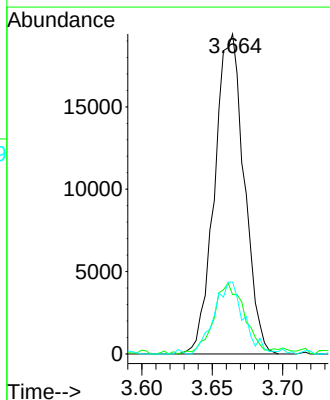
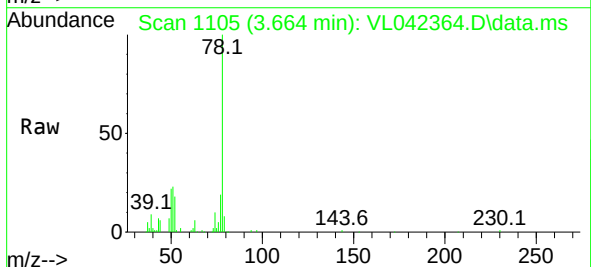
Manual Integrations
APPROVED

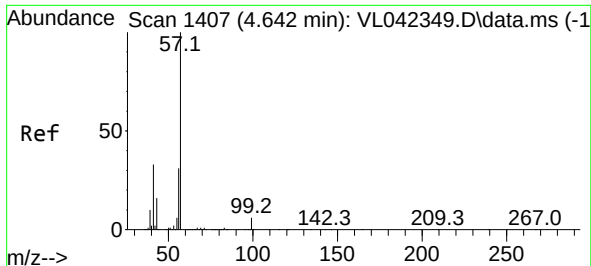
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#36
Benzene
Concen: 0.768 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.010 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Tgt Ion: 78 Resp: 28409
Ion Ratio Lower Upper
78 100
77 18.5 17.4 26.0
50 21.7 15.5 23.3





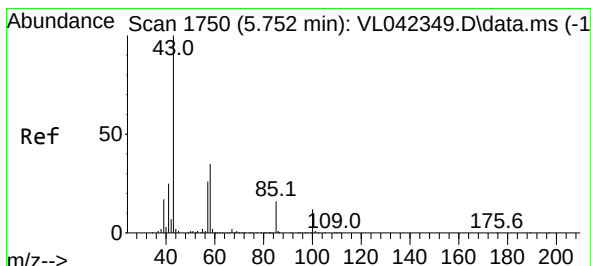
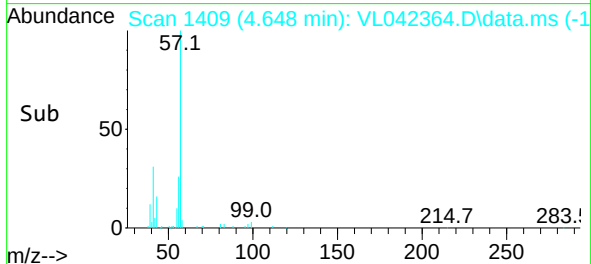
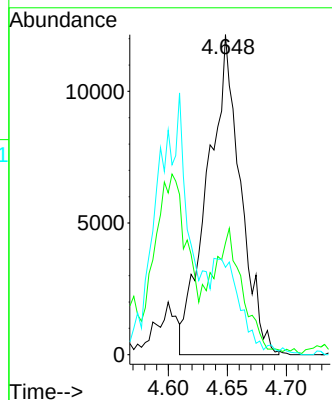
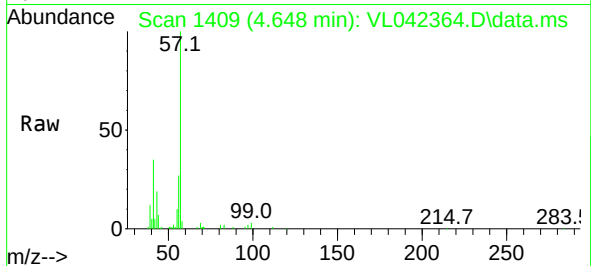
#44
2,2,4-Trimethylpentane
Concen: 0.369 ppbv m
RT: 4.648 min Scan# 1407
Delta R.T. 0.007 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Tgt Ion: 57 Resp: 2361
Ion Ratio Lower Upper
57 100
41 32.4 27.2 40.8
56 0.0 25.7 38.5

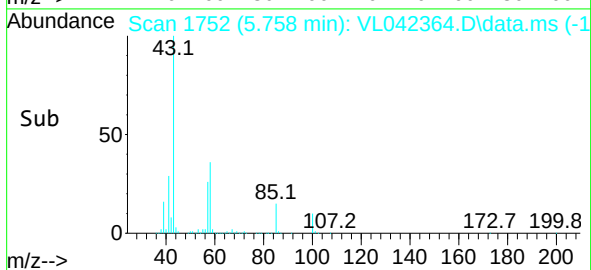
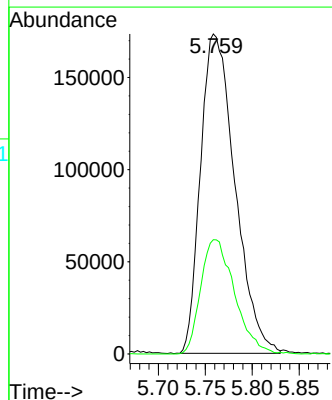
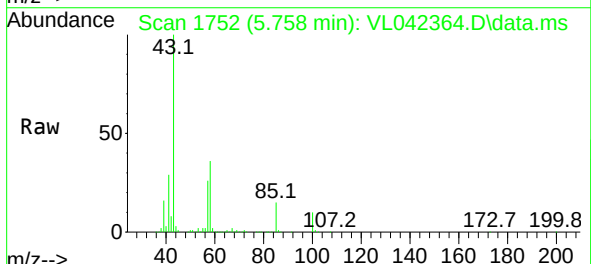
Manual Integrations
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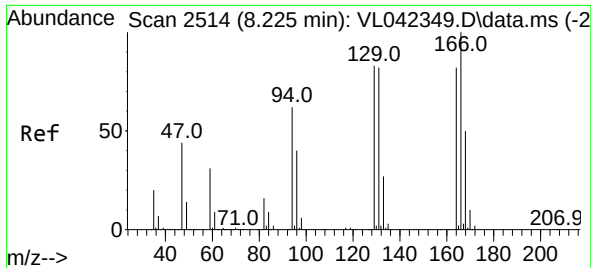
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#50
4-Methyl-2-Pentanone
Concen: 9.785 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.007 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

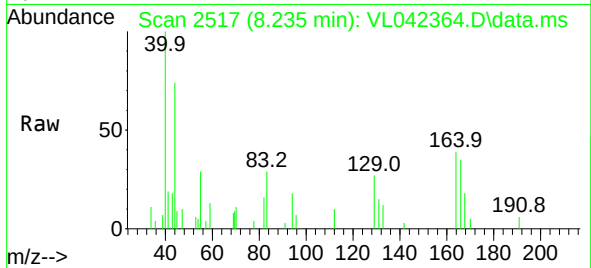
Tgt Ion: 43 Resp: 441281
Ion Ratio Lower Upper
43 100
58 35.4 28.6 43.0





#52
Tetrachloroethene
Concen: 0.050 ppbv m
RT: 8.235 min Scan# 2117
Delta R.T. 0.010 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

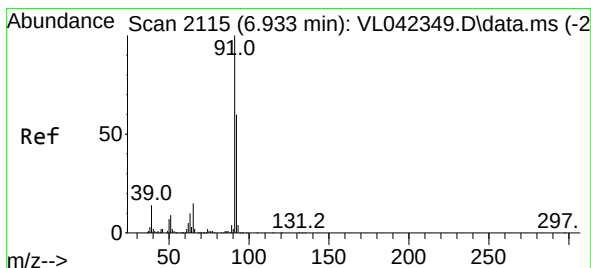
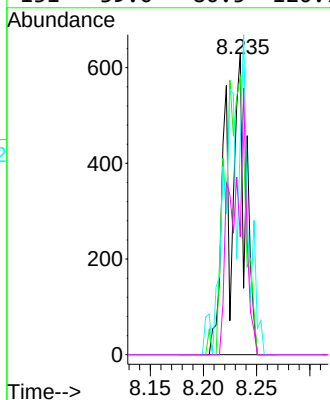
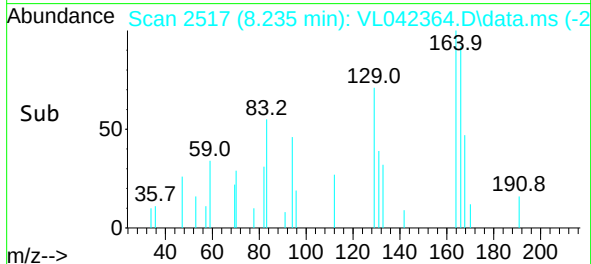
Instrument : MSVOA_L
ClientSampleId : IA-B1-1-3252025



Tgt Ion:164 Resp: 715
Ion Ratio Lower Upper
164 100
166 92.1 98.2 147.2
129 70.8 81.8 122.8
131 39.0 80.5 120.7

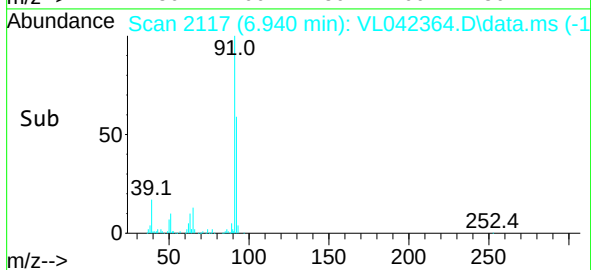
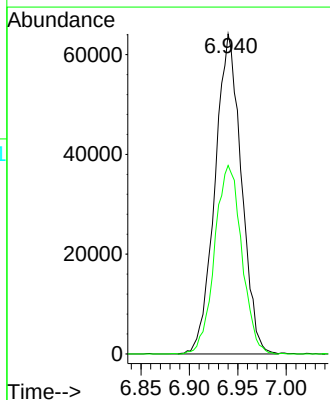
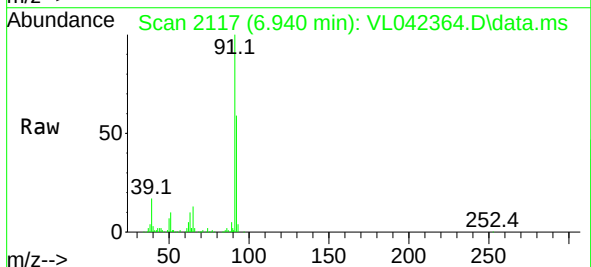
Manual Integrations
APPROVED

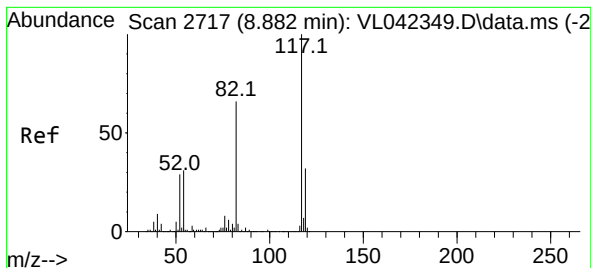
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 2.738 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. 0.007 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Tgt Ion: 91 Resp: 121585
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2717

Delta R.T. 0.004 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Instrument :

MSVOA_L

ClientSampleId :

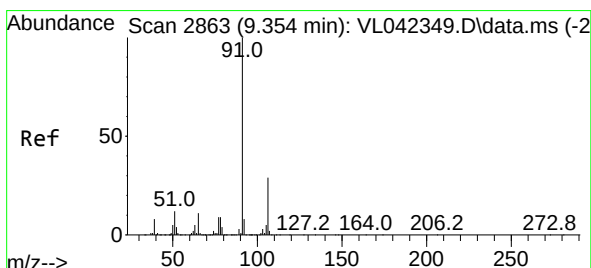
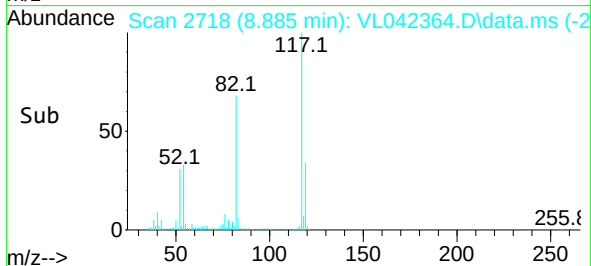
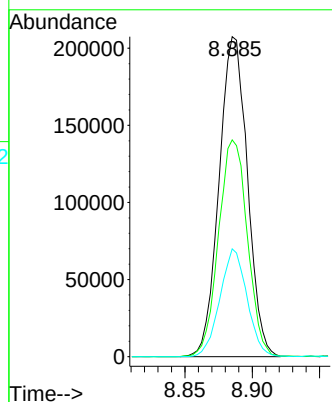
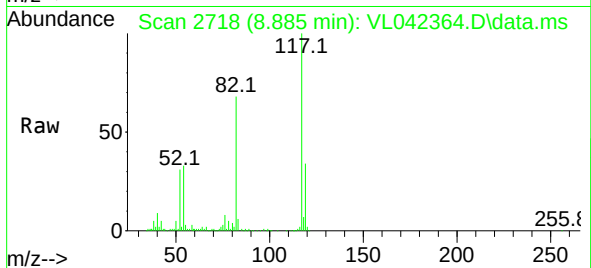
IA-B1-1-3252025

Tgt Ion:	117	Resp:	303219
Ion	Ratio	Lower	Upper
117	100		
82	69.1	57.8	86.6
119	32.4	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58

Ethyl Benzene

Concen: 2.603 ppbv

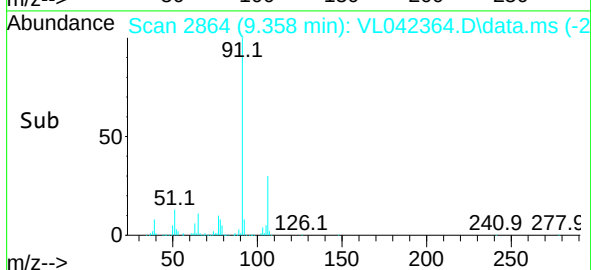
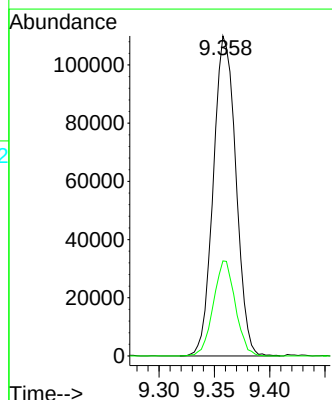
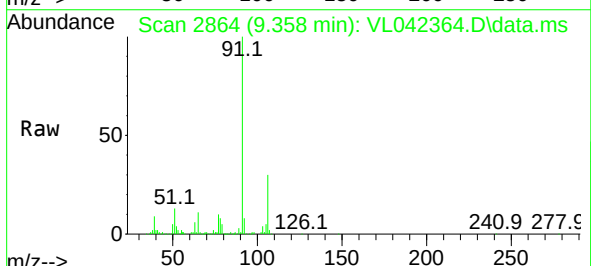
RT: 9.358 min Scan# 2864

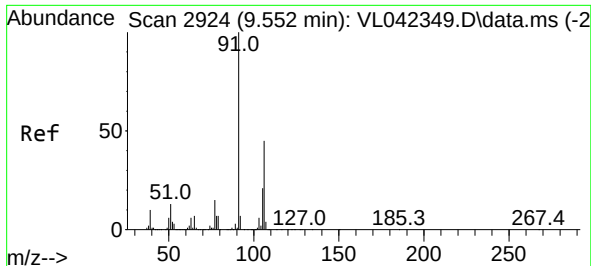
Delta R.T. 0.004 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Tgt Ion:	91	Resp:	156392
Ion	Ratio	Lower	Upper
91	100		
106	29.7	23.0	34.4





#59

m/p-Xylene

Concen: 14.596 ppbv

RT: 9.536 min Scan# 2919

Delta R.T. -0.016 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-1-3252025

Tgt Ion: 91 Resp: 70639

Ion Ratio Lower Upper

91 100

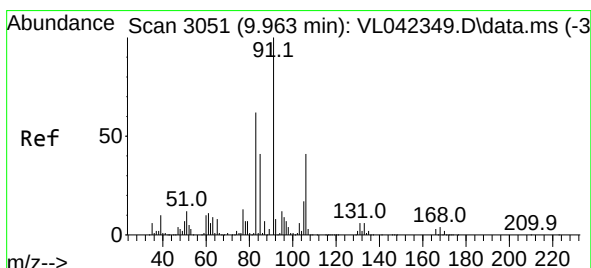
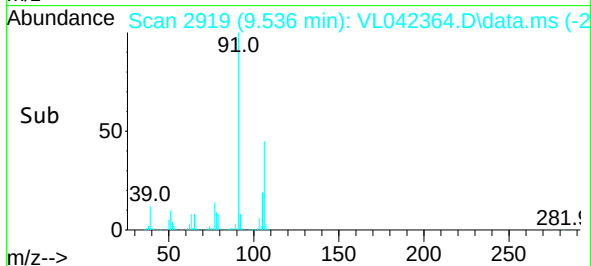
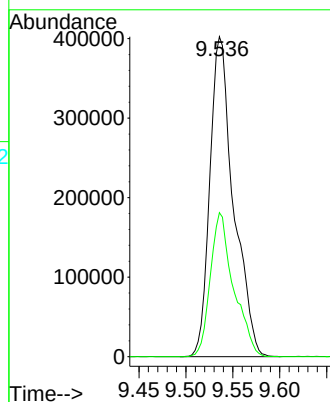
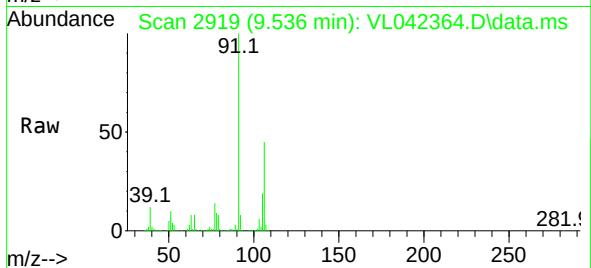
106 44.2 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 6.183 ppbv

RT: 9.969 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL042364.D

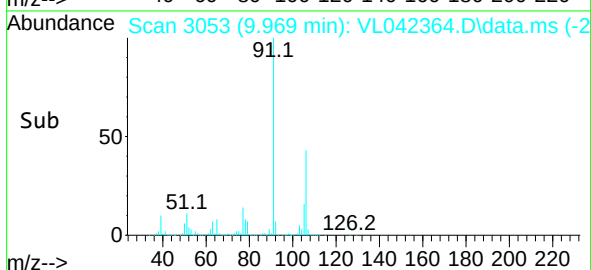
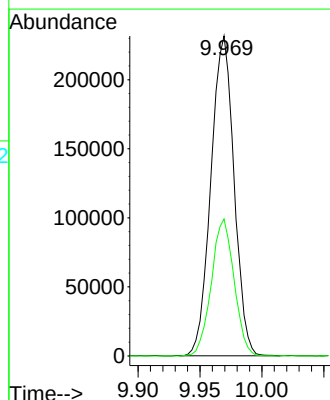
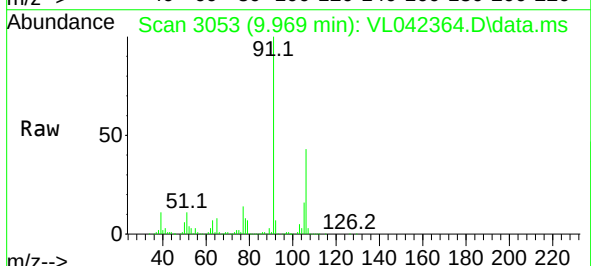
Acq: 17 Apr 2025 18:58

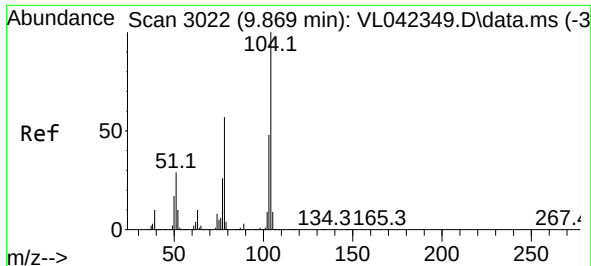
Tgt Ion: 91 Resp: 301328

Ion Ratio Lower Upper

91 100

106 42.0 21.1 63.4





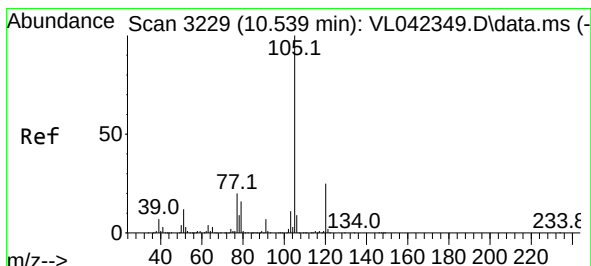
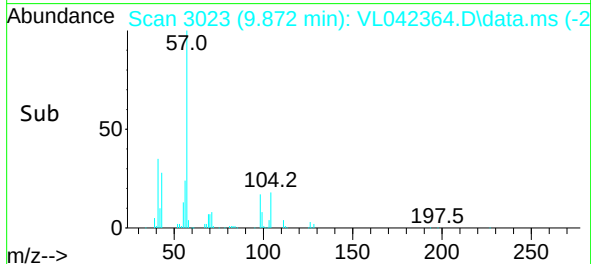
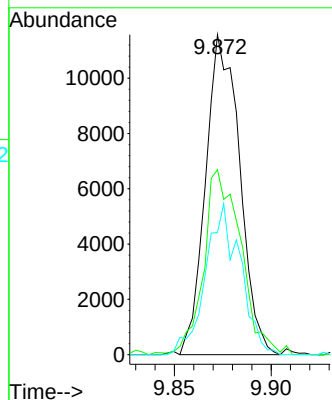
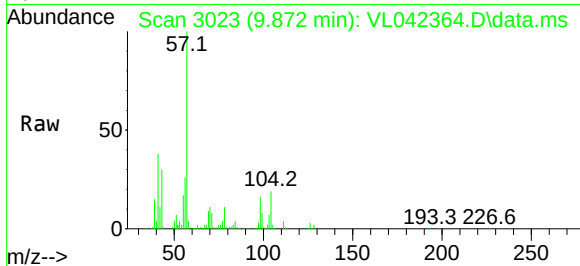
#61
Styrene
Concen: 0.609 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025

Tgt Ion:104 Resp: 14150
Ion Ratio Lower Upper
104 100
78 63.7 44.6 66.8
103 48.0 37.4 56.0

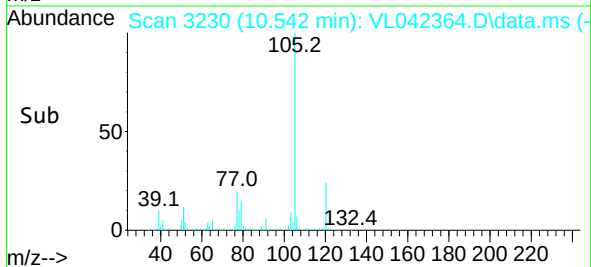
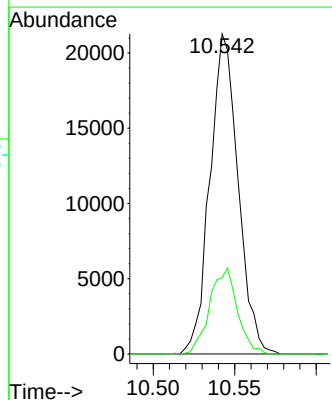
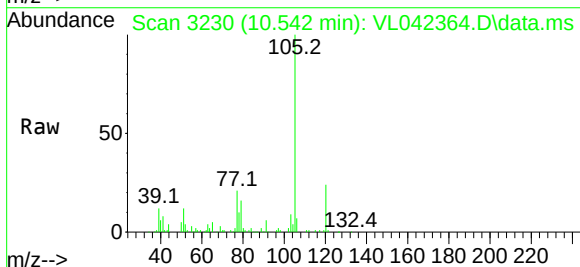
Manual Integrations
APPROVED

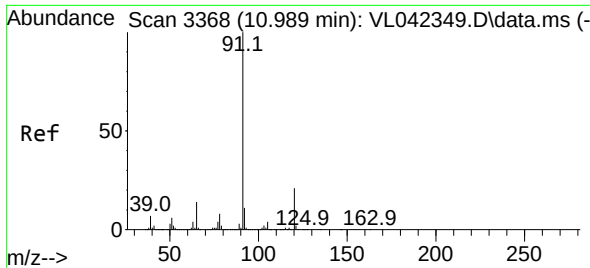
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
Isopropylbenzene
Concen: 0.357 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

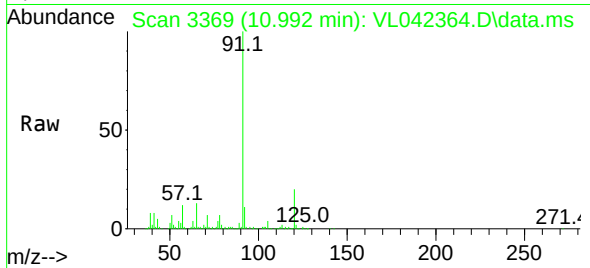
Tgt Ion:105 Resp: 25514
Ion Ratio Lower Upper
105 100
120 26.4 19.8 29.8





#64
n-propylbenzene
Concen: 1.536 ppbv
RT: 10.992 min Scan# 310
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

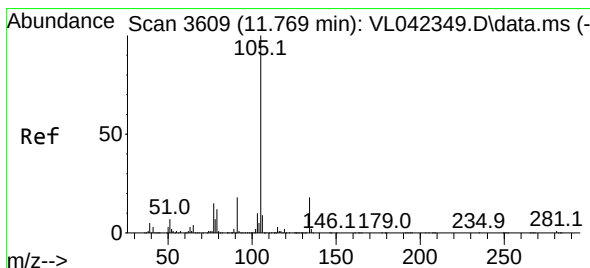
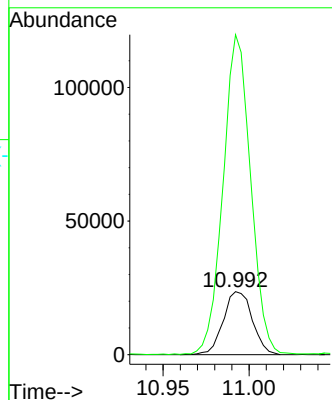
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025



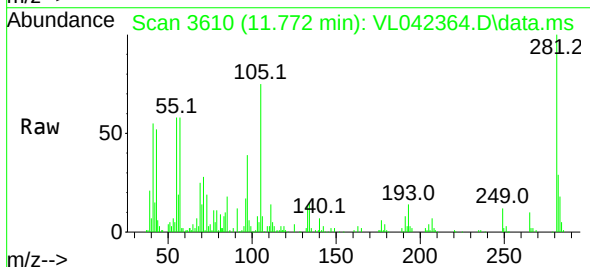
Tgt Ion:120 Resp: 27632
Ion Ratio Lower Upper
120 100
91 483.8 392.4 588.6

Manual Integrations
APPROVED

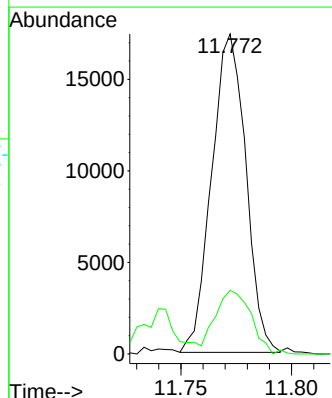
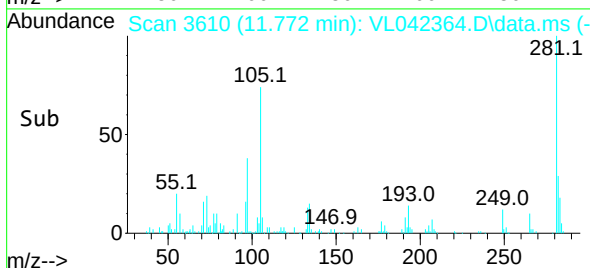
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

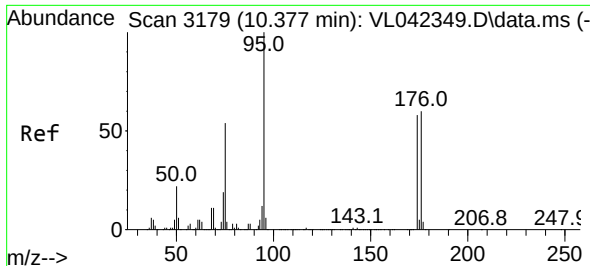


#67
sec-Butylbenzene
Concen: 0.204 ppbv
RT: 11.772 min Scan# 3610
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



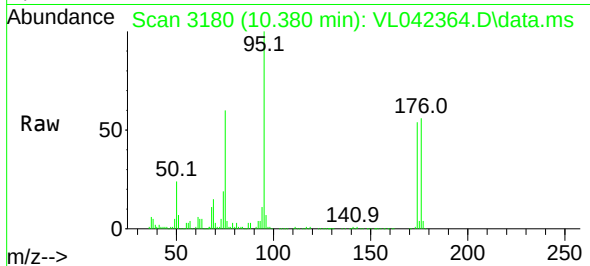
Tgt Ion:105 Resp: 18674
Ion Ratio Lower Upper
105 100
134 20.8 14.6 21.8





#68
1-Bromo-4-Fluorobenzene
Concen: 9.938 ppbv
RT: 10.380 min Scan# 3179
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

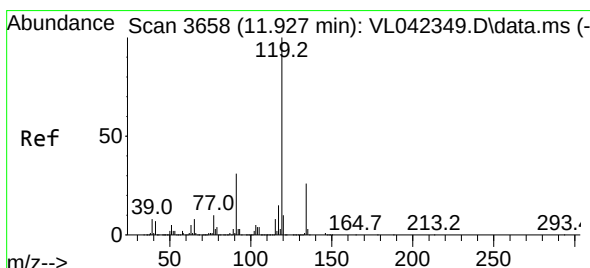
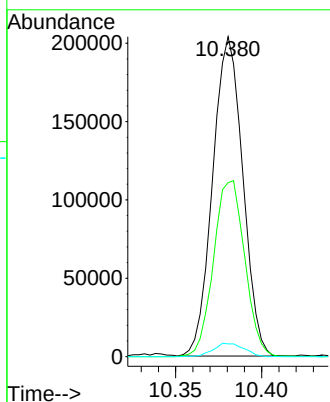
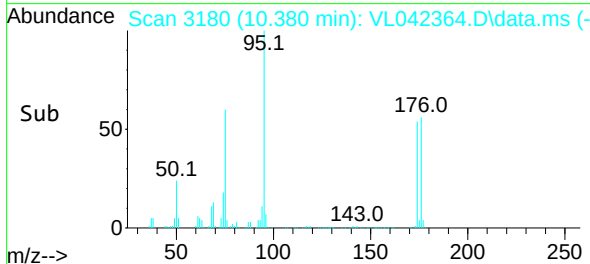
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-1-3252025



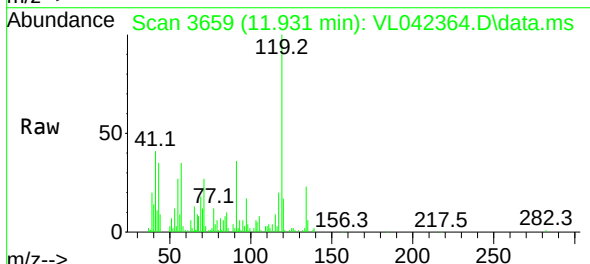
Tgt Ion: 95 Resp: 247619
Ion Ratio Lower Upper
95 100
174 57.3 48.5 72.7
175 4.3 3.7 5.5

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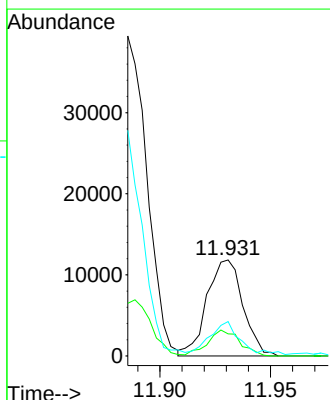
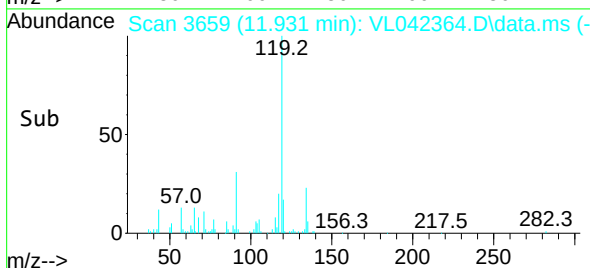
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

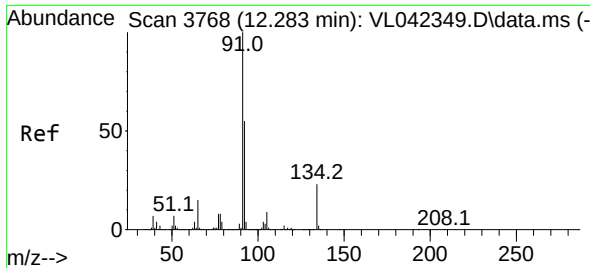


#69
p-Isopropyltoluene
Concen: 0.169 ppbv
RT: 11.931 min Scan# 3659
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



Tgt Ion:119 Resp: 13409
Ion Ratio Lower Upper
119 100
134 24.4 20.0 30.0
91 31.1 24.4 36.6





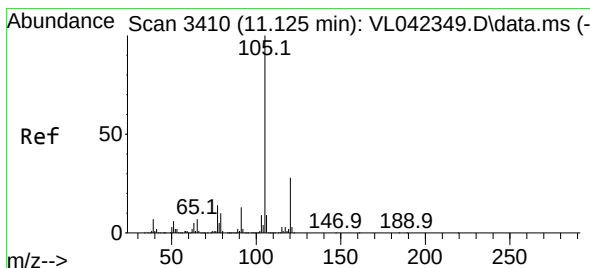
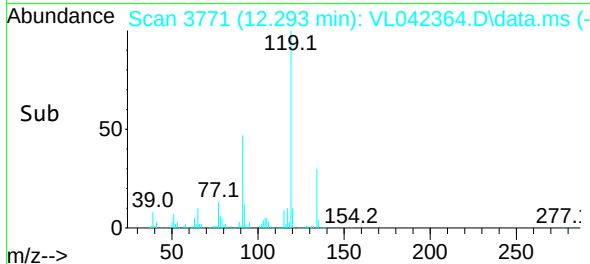
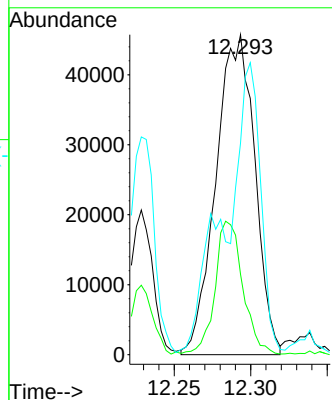
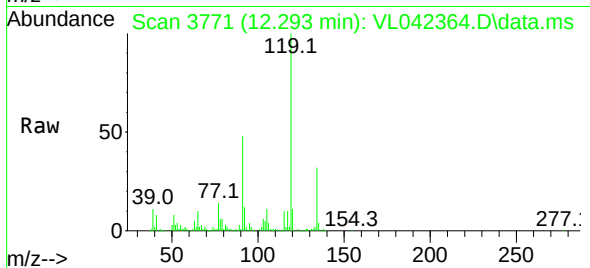
#70
n-Butylbenzene
Concen: 0.978 ppbv m
RT: 12.293 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Instrument :
MSVOA_L
ClientSampleId :
LA-B1-1-3252025

Tgt Ion: 91 Resp: 80990
Ion Ratio Lower Upper
91 100
92 30.4 44.2 66.4#
134 0.0 18.2 27.4#

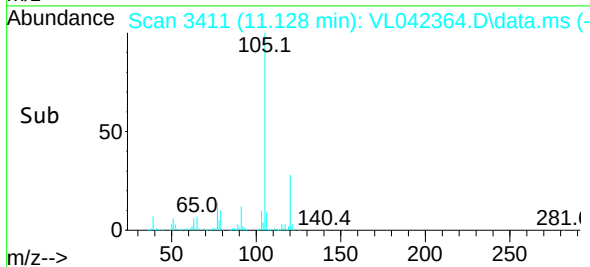
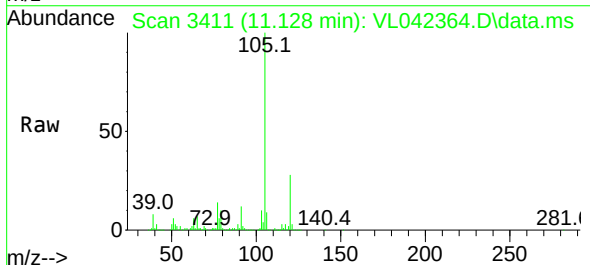
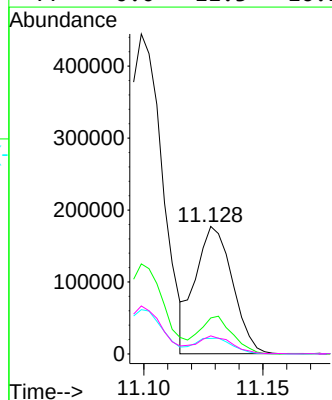
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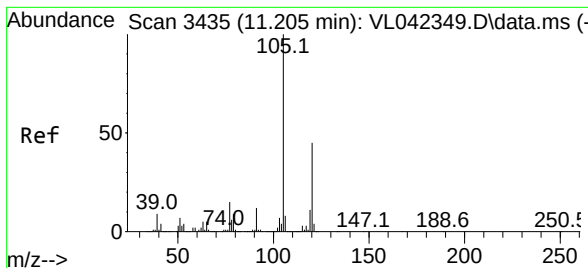
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
4-Ethyltoluene
Concen: 3.212 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

Tgt Ion:105 Resp: 191371
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8#
91 0.0 10.4 15.6#
77 0.0 11.3 16.9#





#73

1,3,5-Trimethylbenzene

Concen: 3.951 ppbv

RT: 11.209 min Scan# 3435

Delta R.T. 0.004 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-1-3252025

Tgt Ion:105 Resp: 207820

Ion Ratio Lower Upper

105 100

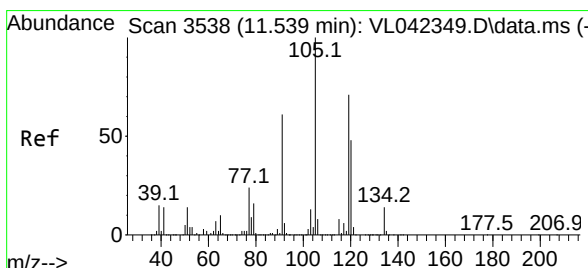
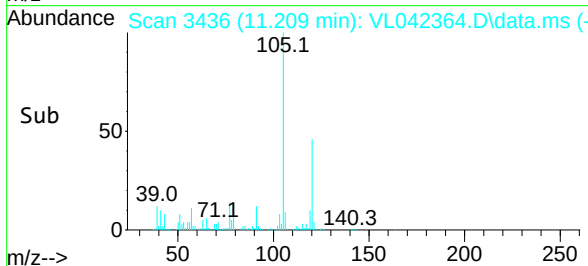
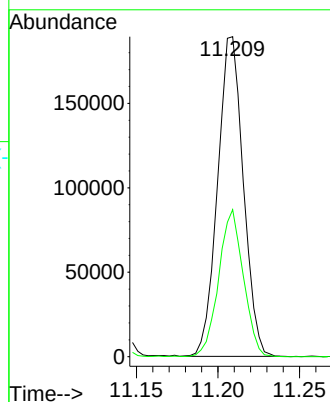
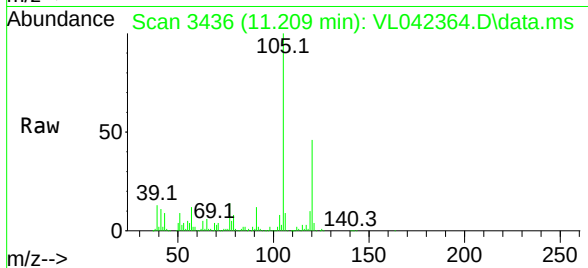
120 45.9 35.6 53.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 11.415 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042364.D

Acq: 17 Apr 2025 18:58

Tgt Ion:105 Resp: 701287

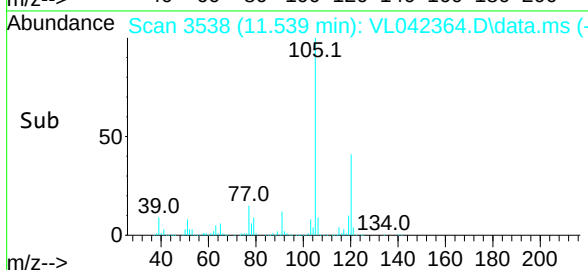
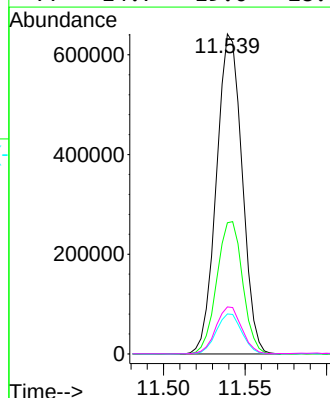
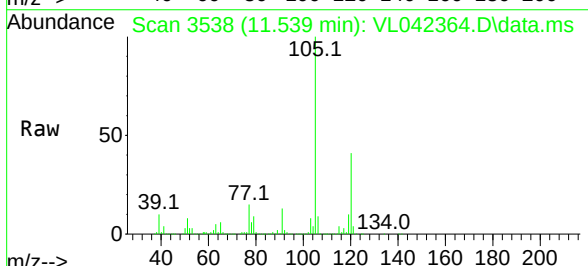
Ion Ratio Lower Upper

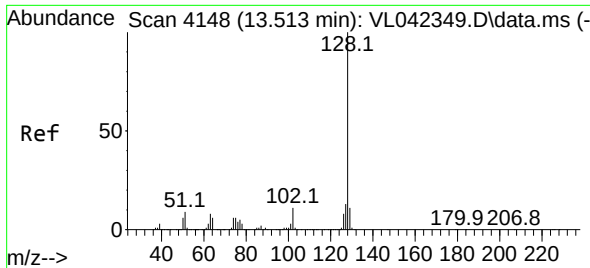
105 100

120 41.0 38.1 57.1

91 12.5 48.8 73.2#

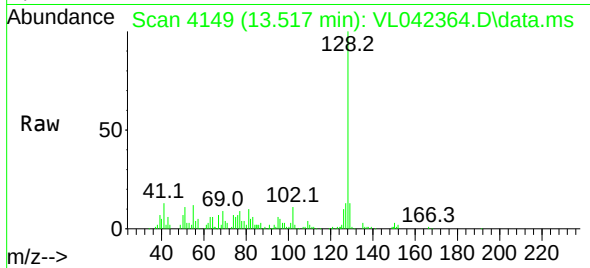
77 14.7 19.0 28.4#





#79
Naphthalene
Concen: 0.491 ppbv
RT: 13.517 min Scan# 4148
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58

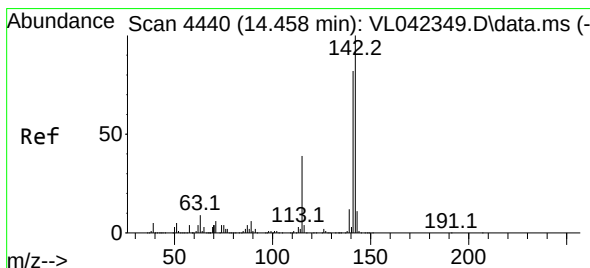
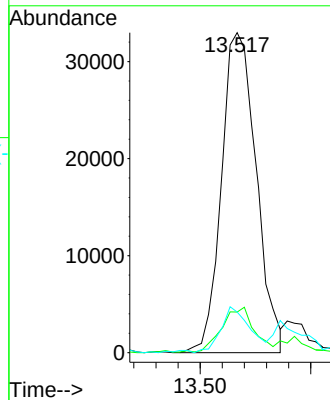
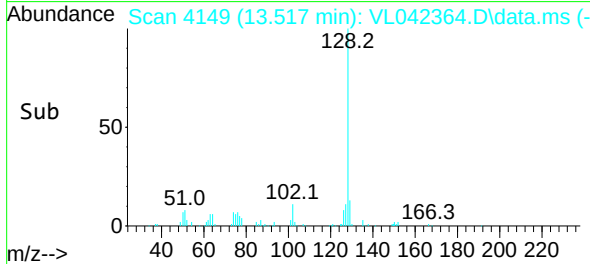
Instrument :
MSVOA_L
ClientSampleId :
LA-B1-1-3252025



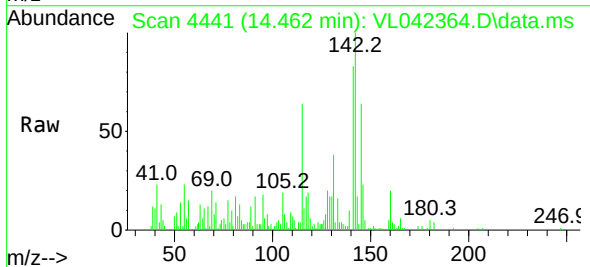
Tgt Ion:128 Resp: 36050
Ion Ratio Lower Upper
128 100
127 12.5 10.6 15.8
129 12.0 8.6 12.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#80
Naphthalene,2-methyl-
Concen: 0.335 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.004 min
Lab File: VL042364.D
Acq: 17 Apr 2025 18:58



Tgt Ion:142 Resp: 14016
Ion Ratio Lower Upper
142 100
141 90.0 66.8 100.2
115 113.1 33.4 50.2#

