

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042361.D
 Acq On : 17 Apr 2025 17:17
 Operator : SY/MD
 Sample : Q1668-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-4-3252025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:38:57 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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	2.787	49	118680	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	339191	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	303501	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	254412	10.201	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	9719	0.463	ppbv	96
3) Chlorodifluoromethane	1.476	51	5942m	0.298	ppbv	
4) Chloromethane	1.535	50	4388	0.529	ppbv #	83
9) Propene	1.486	41	5612	0.617	ppbv	87
10) Heptane	4.982	43	49177	1.925	ppbv	98
11) Trichlorofluoromethane	1.878	101	4685	0.235	ppbv	98
13) Ethanol	1.722	45	357077	247.060	ppbv	76
15) Acetone	1.836	43	102271	5.264	ppbv	92
19) Isopropyl Alcohol	1.888	45	23025	2.133	ppbv #	3
20) Methylene Chloride	2.062	84	21165	2.782	ppbv #	80
26) Hexane	2.826	57	57707	2.977	ppbv #	32
27) Carbon Disulfide	2.150	76	12989	0.626	ppbv #	1
30) Cyclohexane	3.862	84	52016	3.319	ppbv	99
34) 2-Butanone	2.564	43	18598	0.693	ppbv	98
35) Carbon Tetrachloride	3.771	117	2493m	0.081	ppbv	
36) Benzene	3.658	78	20521	0.561	ppbv	98
44) 2,2,4-Trimethylpentane	4.642	57	11677m	0.185	ppbv	
50) 4-Methyl-2-Pentanone	5.755	43	873418	19.593	ppbv	99
52) Tetrachloroethene	8.231	164	746m	0.053	ppbv	
53) Toluene	6.933	91	68700	1.565	ppbv	100
58) Ethyl Benzene	9.361	91	56772	0.944	ppbv	94
59) m/p-Xylene	9.536	91	454491	9.382	ppbv	100
60) o-Xylene	9.966	91	95896	1.966	ppbv	99
61) Styrene	9.872	104	37931	1.629	ppbv	98
62) Isopropylbenzene	10.542	105	10580	0.148	ppbv	95
64) n-propylbenzene	10.992	120	9483	0.527	ppbv	96
69) p-Isopropyltoluene	11.928	119	12502	0.157	ppbv	99
70) n-Butylbenzene	12.287	91	28567	0.345	ppbv #	43
72) 4-Ethyltoluene	11.128	105	61306	1.028	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.206	105	67763	1.287	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	234839	3.819	ppbv #	65
79) Naphthalene	13.517	128	44224	0.601	ppbv	99
80) Naphthalene,2-methyl-	14.459	142	10408	0.248	ppbv #	74

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

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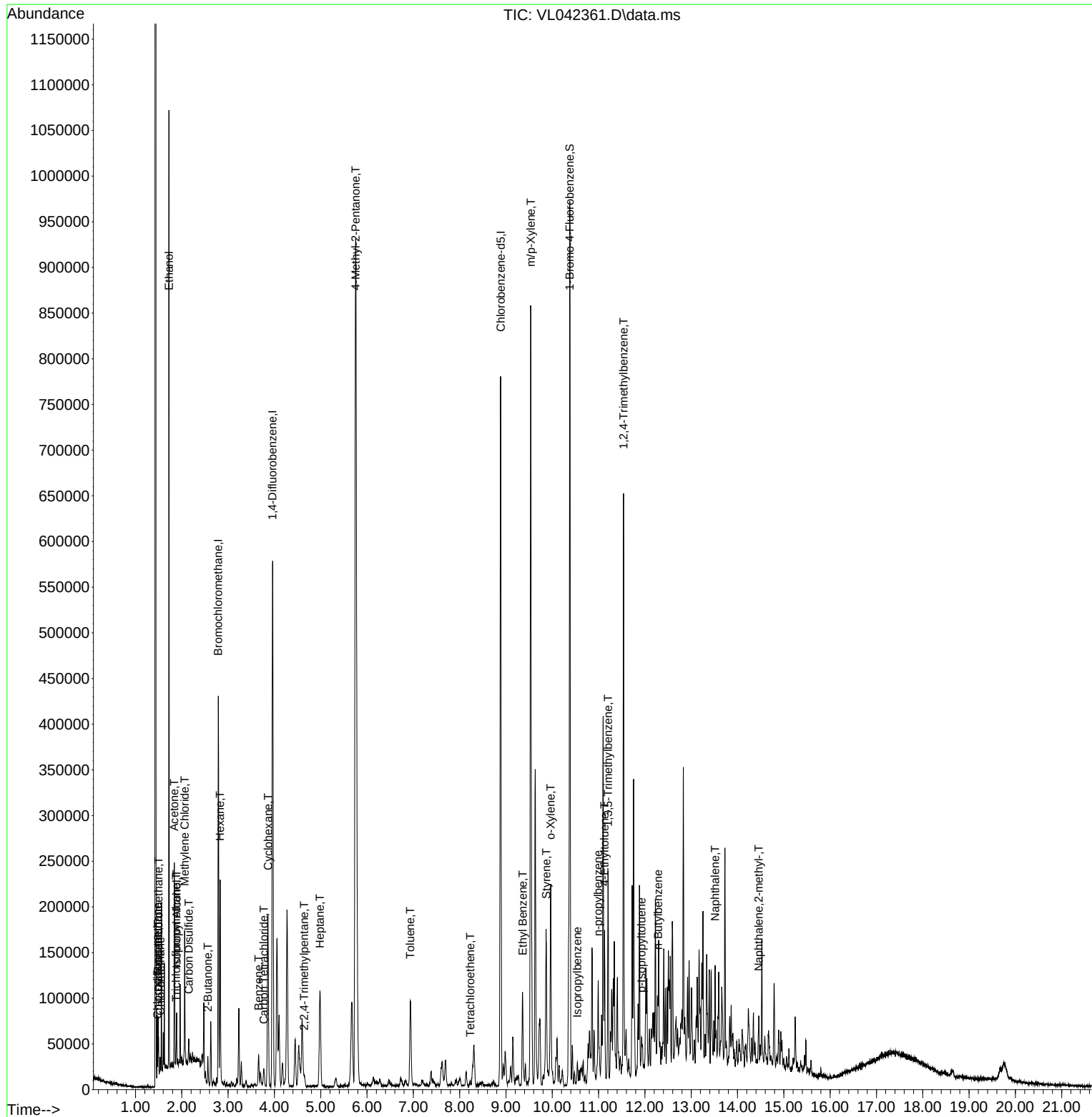
Quant Time: Apr 18 02:38:57 2025

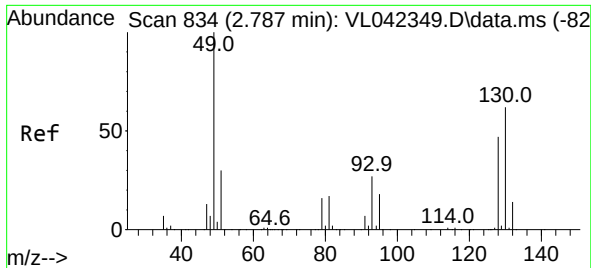
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

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

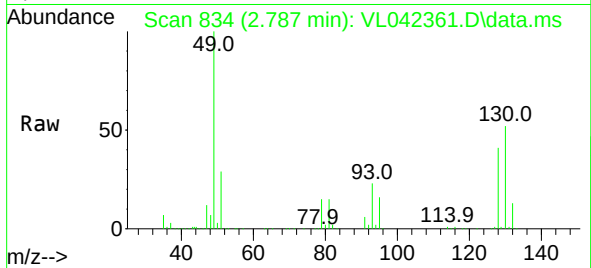
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

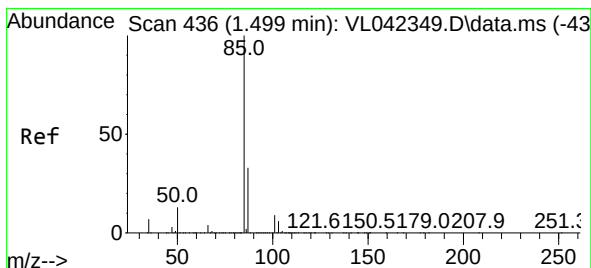
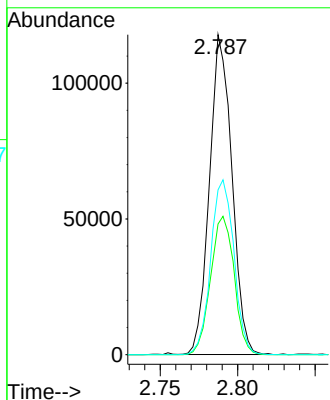
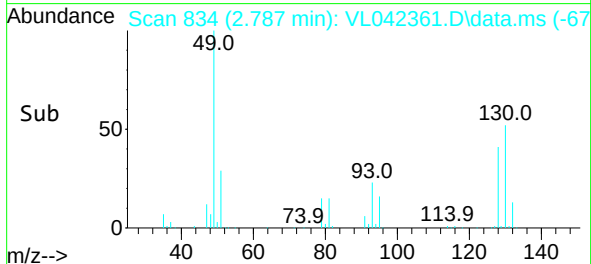
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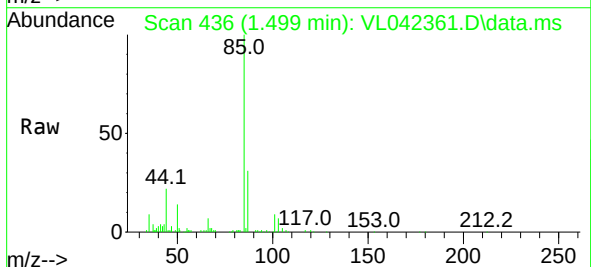
Tgt Ion: 49 Resp: 118680
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.4
130 56.4 29.3 88.0

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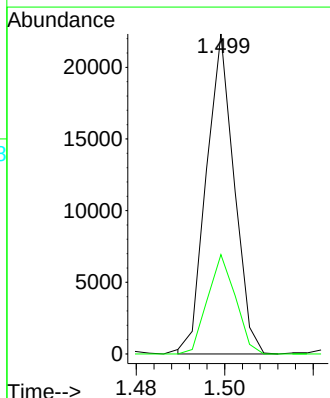
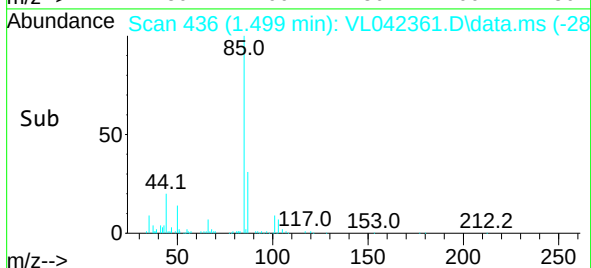
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

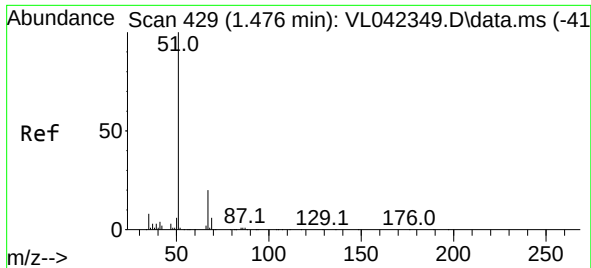


#2
Dichlorodifluoromethane
Concen: 0.463 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



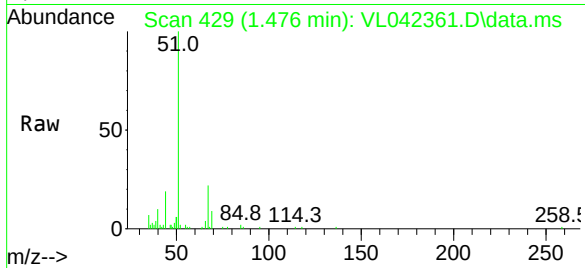
Tgt Ion: 85 Resp: 9719
Ion Ratio Lower Upper
85 100
87 31.1 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.298 ppbv m
RT: 1.476 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

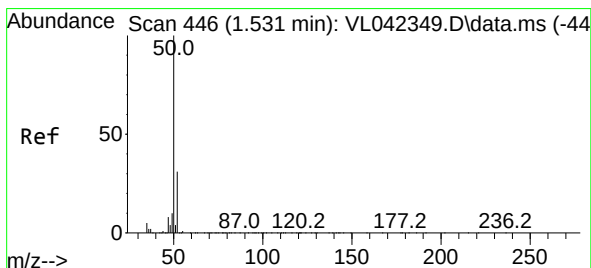
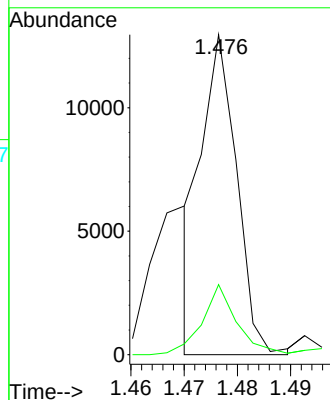
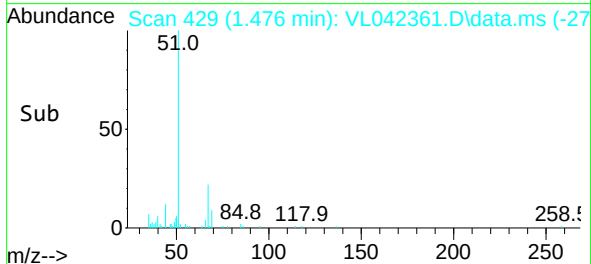
Instrument :
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ClientSampleId :
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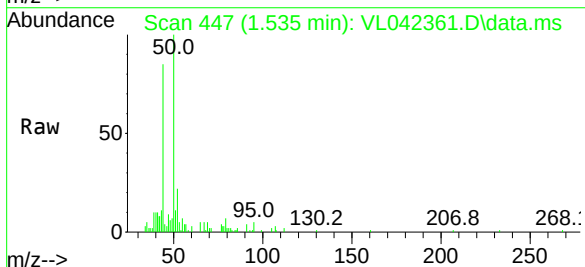
Tgt Ion: 51 Resp: 5942
Ion Ratio Lower Upper
51 100
67 26.7 16.2 24.4

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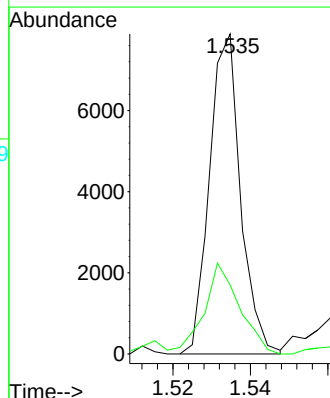
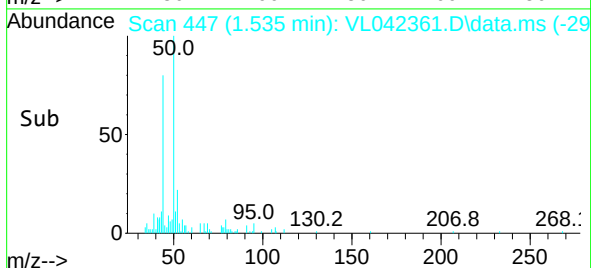
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

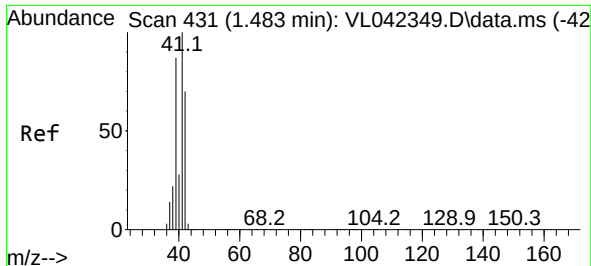


#4
Chloromethane
Concen: 0.529 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



Tgt Ion: 50 Resp: 4388
Ion Ratio Lower Upper
50 100
52 21.8 24.7 37.1





#9

Propene

Concen: 0.617 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.004 min

Lab File: VL042361.D

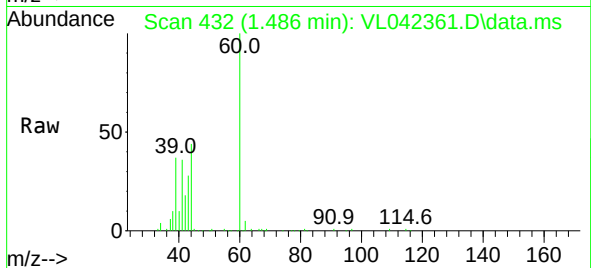
Acq: 17 Apr 2025 17:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025



Tgt Ion: 41 Resp: 561

Ion Ratio Lower Upper

41 100

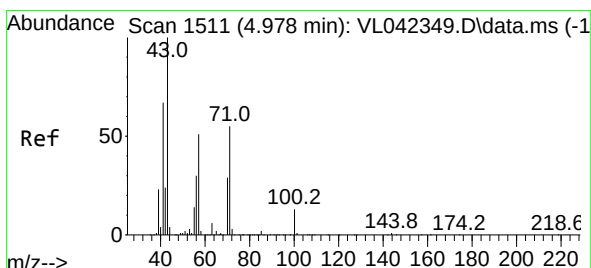
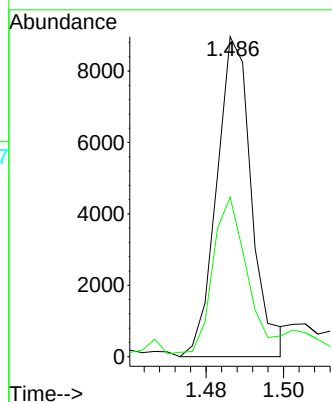
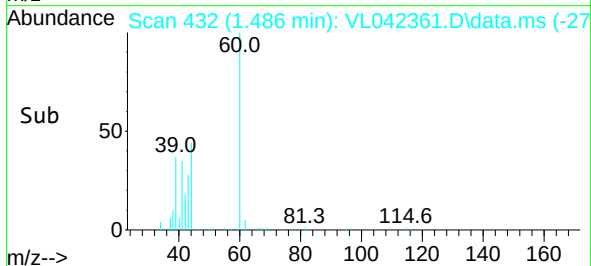
42 60.0 56.2 84.4

Manual Integrations

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Supervised By :Mahesh Dadoda 04/18/2025



#10

Heptane

Concen: 1.925 ppbv

RT: 4.982 min Scan# 1512

Delta R.T. 0.004 min

Lab File: VL042361.D

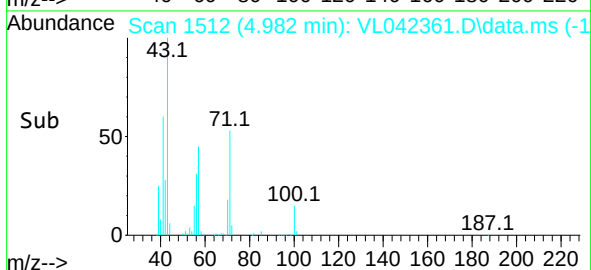
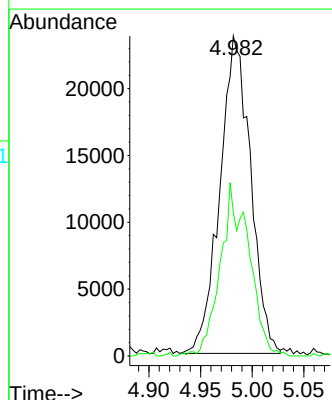
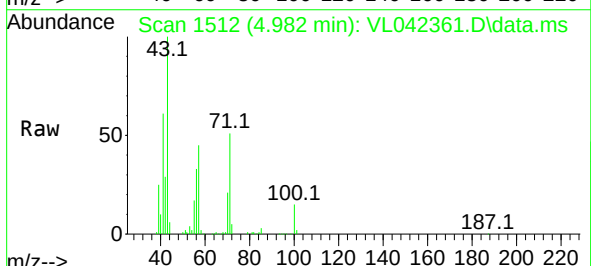
Acq: 17 Apr 2025 17:17

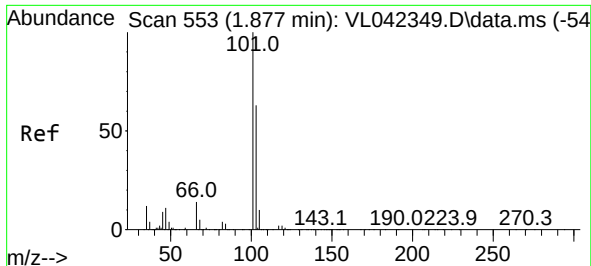
Tgt Ion: 43 Resp: 49177

Ion Ratio Lower Upper

43 100

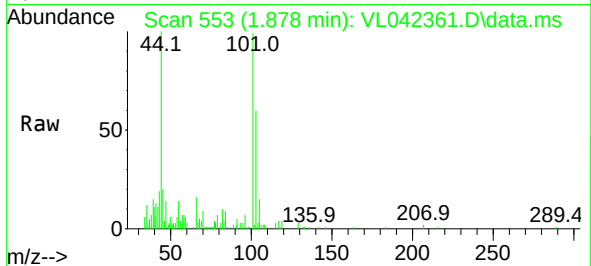
57 51.2 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.235 ppbv
RT: 1.878 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

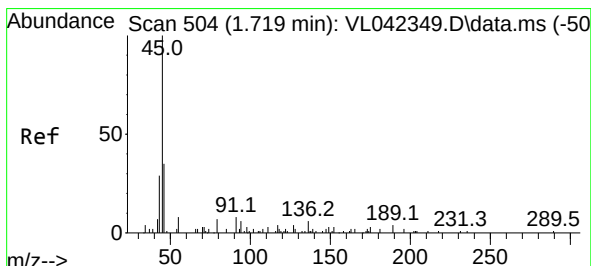
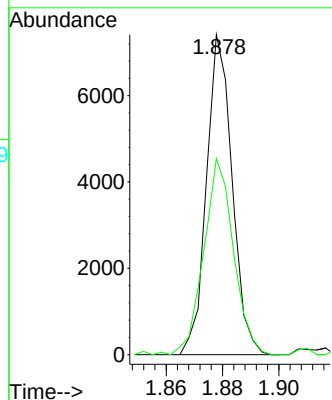
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025



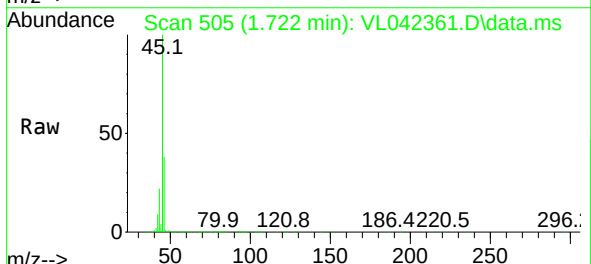
Tgt Ion:101 Resp: 4689
Ion Ratio Lower Upper
101 100
103 61.3 50.1 75.1

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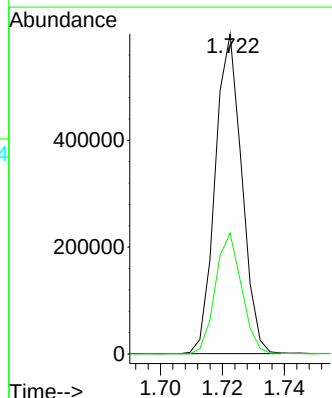
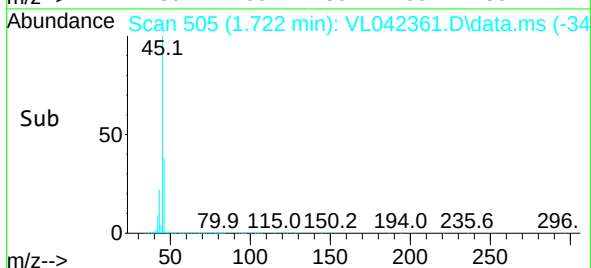
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

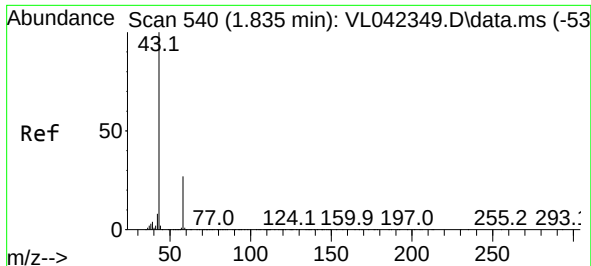


#13
Ethanol
Concen: 247.060 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



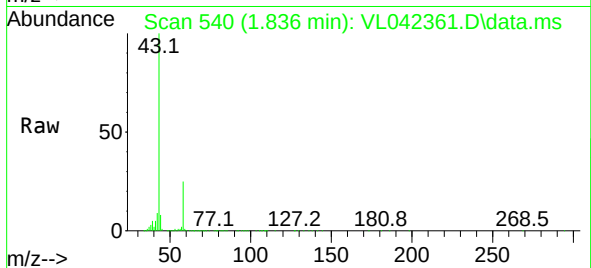
Tgt Ion: 45 Resp: 357077
Ion Ratio Lower Upper
45 100
46 37.6 21.9 87.7





#15
Acetone
Concen: 5.264 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

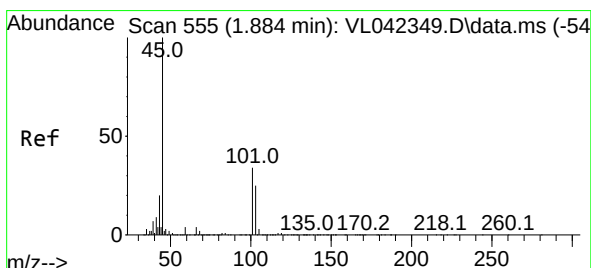
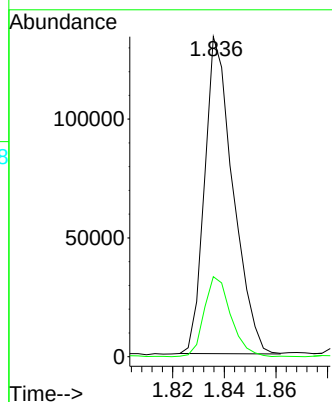
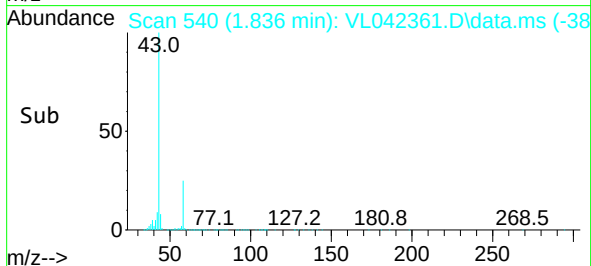
Instrument :
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Tgt Ion: 43 Resp: 10227
Ion Ratio Lower Upper
43 100
58 23.6 22.4 33.6

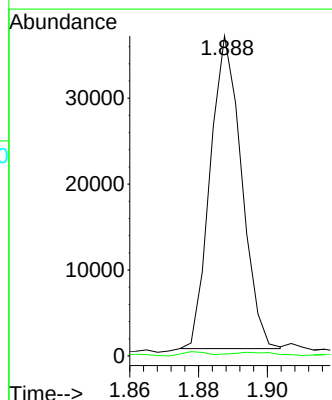
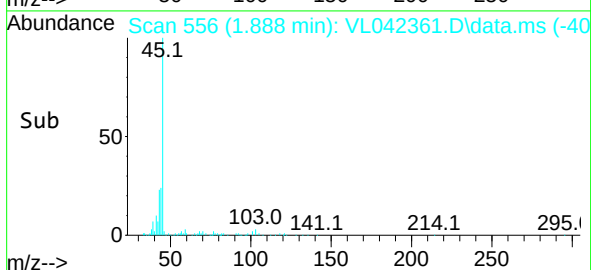
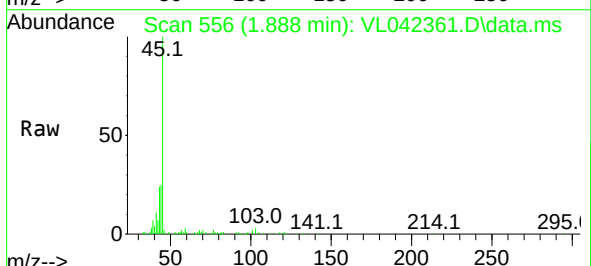
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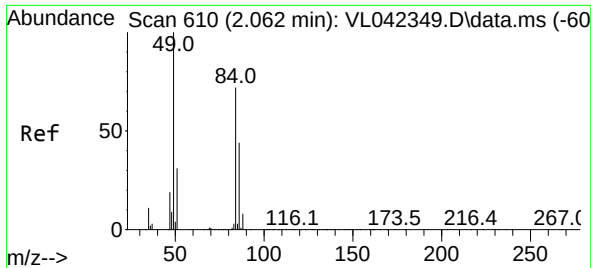
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#19
Isopropyl Alcohol
Concen: 2.133 ppbv
RT: 1.888 min Scan# 556
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

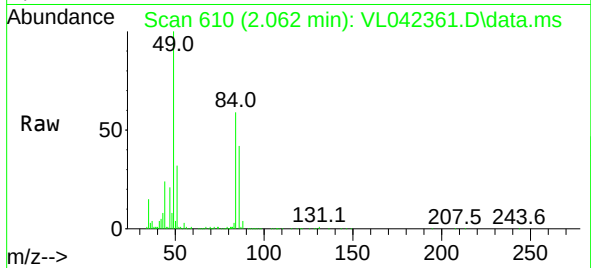
Tgt Ion: 45 Resp: 23025
Ion Ratio Lower Upper
45 100
58 105.0 34.5 51.7#





#20
Methylene Chloride
Concen: 2.782 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

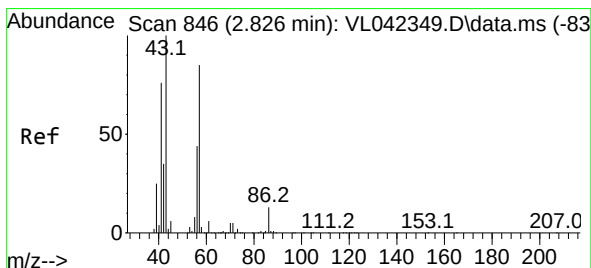
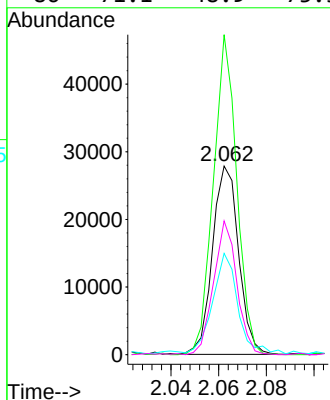
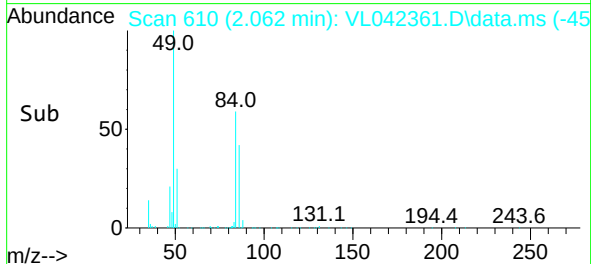
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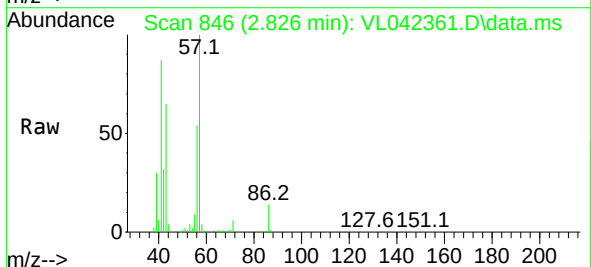
Tgt Ion: 84 Resp: 2116
Ion Ratio Lower Upper
84 100
49 170.0 111.6 167.4
51 52.3 35.1 52.7
86 71.1 48.9 73.3

Manual Integrations
APPROVED

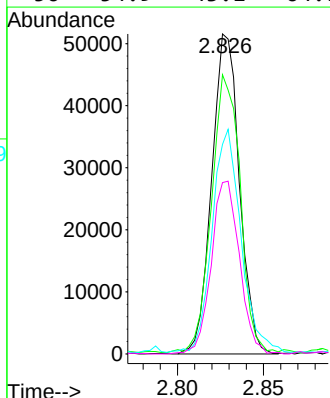
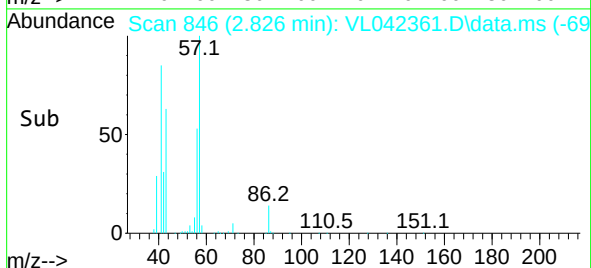
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

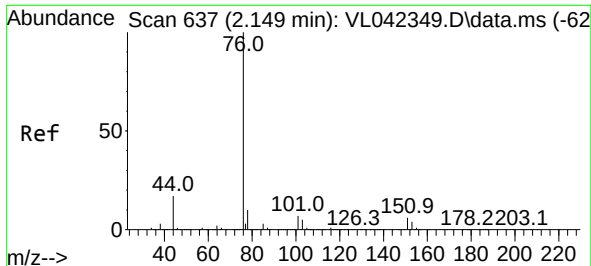


#26
Hexane
Concen: 2.977 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



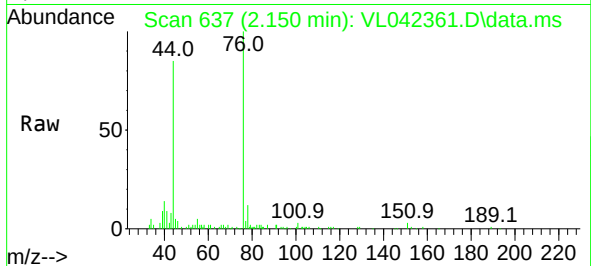
Tgt Ion: 57 Resp: 57707
Ion Ratio Lower Upper
57 100
41 91.6 77.9 116.9
43 72.6 208.4 312.6#
56 54.9 43.1 64.7





#27
Carbon Disulfide
Concen: 0.626 ppbv
RT: 2.150 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

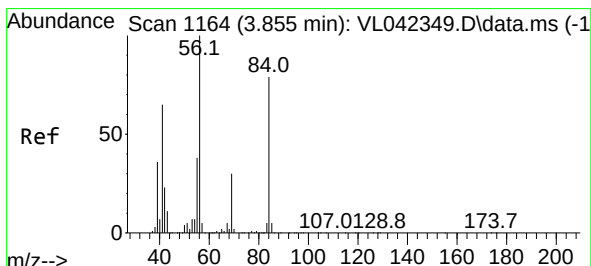
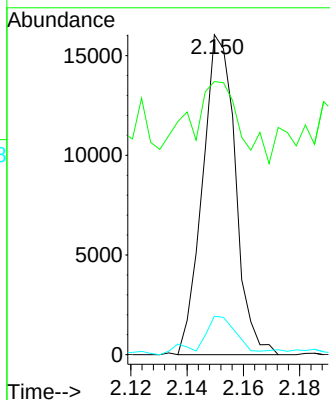
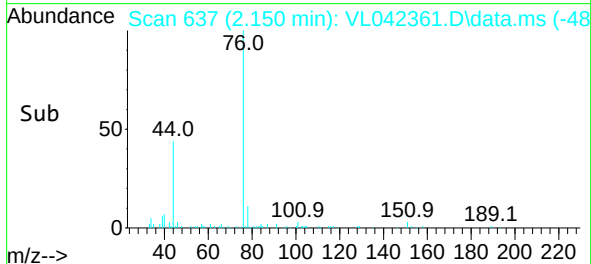
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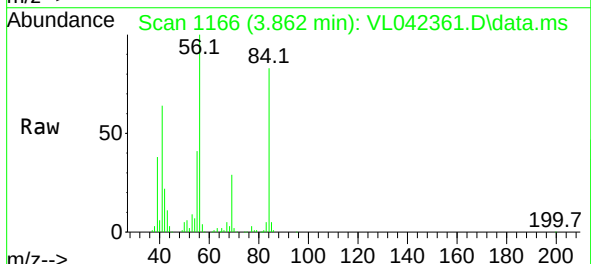
Tgt Ion: 76 Resp: 12989
Ion Ratio Lower Upper
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44 112.3 15.5 23.3
78 16.4 9.3 13.9

Manual Integrations
APPROVED

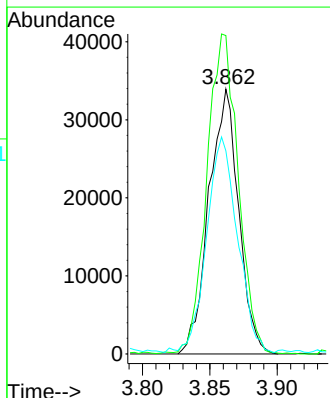
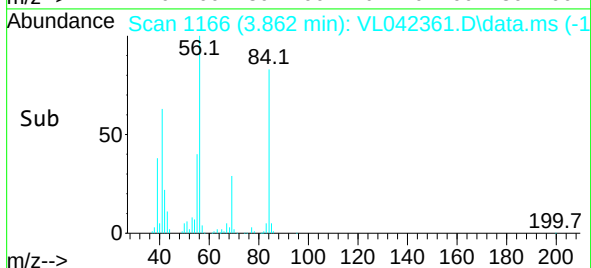
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

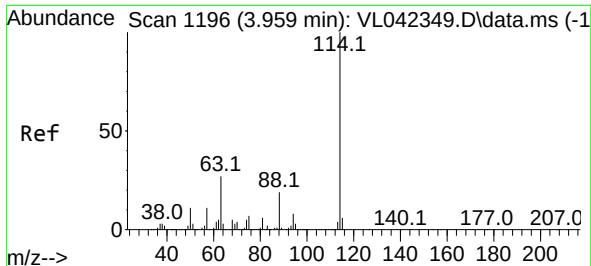


#30
Cyclohexane
Concen: 3.319 ppbv
RT: 3.862 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



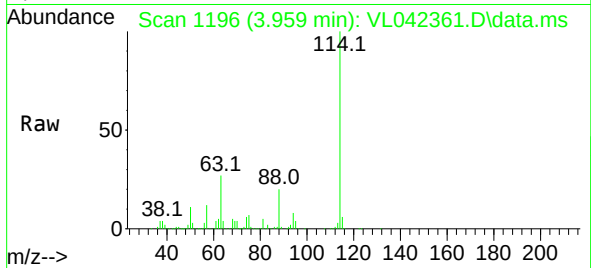
Tgt Ion: 84 Resp: 52016
Ion Ratio Lower Upper
84 100
56 127.7 101.0 151.4
41 84.4 67.4 101.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

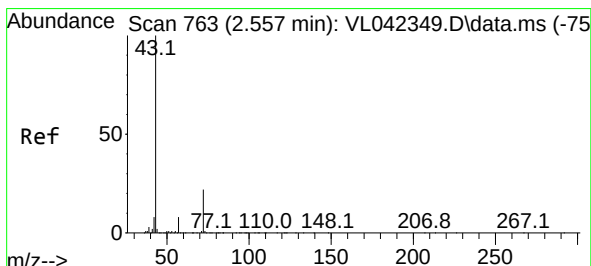
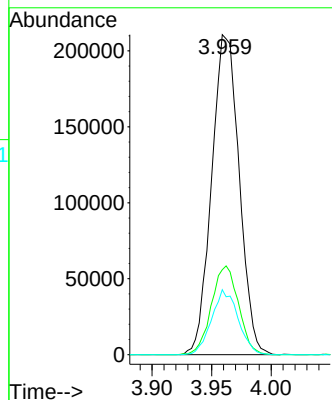
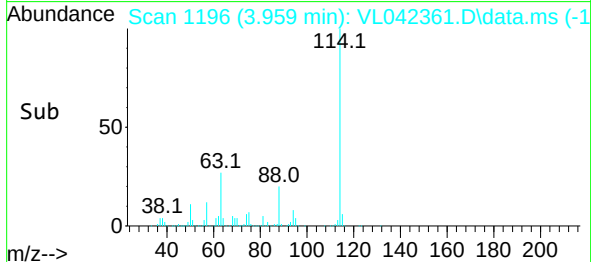
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025



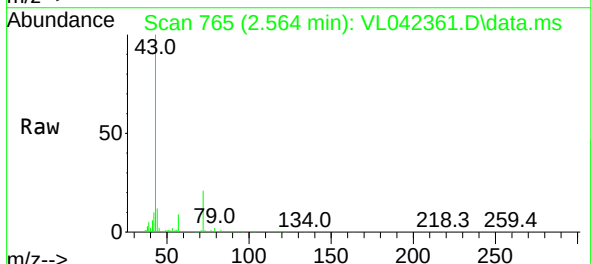
Tgt Ion:114 Resp: 33919
Ion Ratio Lower Upper
114 100
63 27.2 21.8 32.6
88 19.5 15.5 23.3

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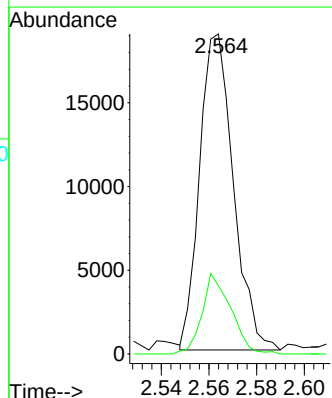
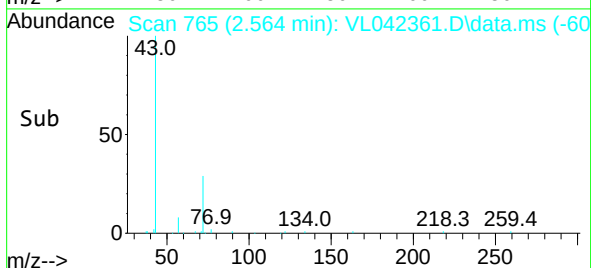
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

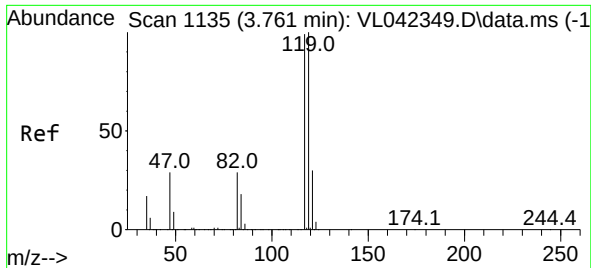


#34
2-Butanone
Concen: 0.693 ppbv
RT: 2.564 min Scan# 765
Delta R.T. 0.007 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



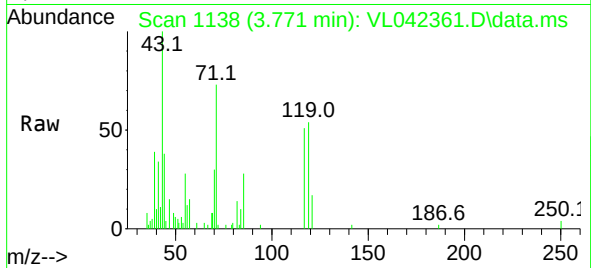
Tgt Ion: 43 Resp: 18598
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.081 ppbv m
RT: 3.771 min Scan# 1135
Delta R.T. 0.010 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

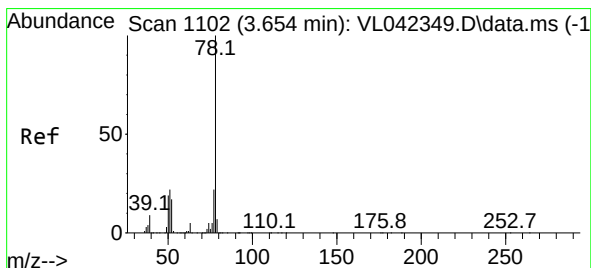
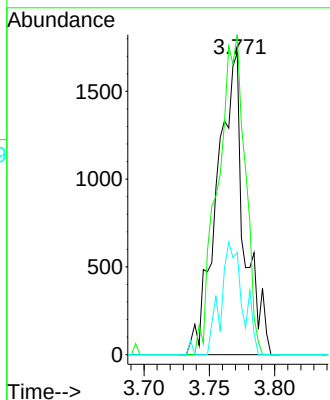
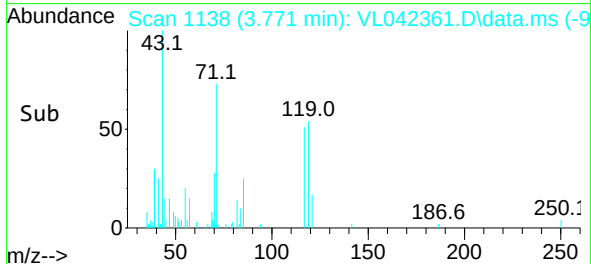
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025



Tgt Ion: 117 Resp: 249
Ion Ratio Lower Upper
117 100
119 106.0 80.5 120.7
121 33.8 24.2 36.2

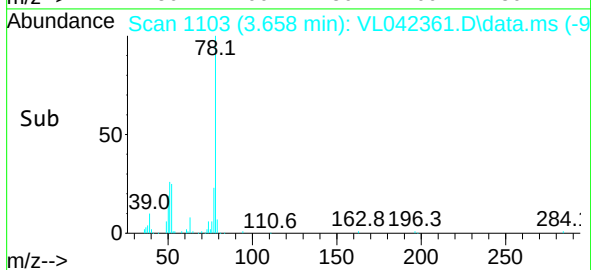
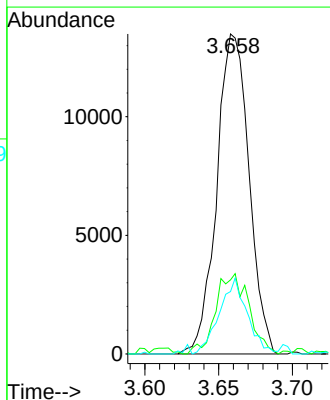
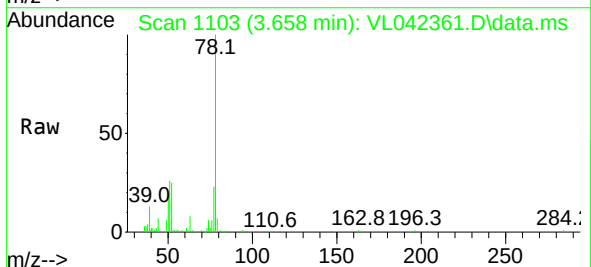
Manual Integrations
APPROVED

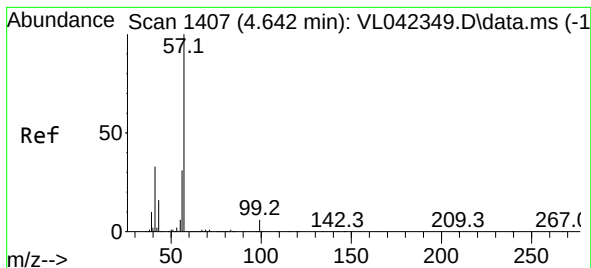
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#36
Benzene
Concen: 0.561 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Tgt Ion: 78 Resp: 20521
Ion Ratio Lower Upper
78 100
77 23.1 17.4 26.0
50 18.7 15.5 23.3





#44

2,2,4-Trimethylpentane

Concen: 0.185 ppbv m

RT: 4.642 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VL042361.D

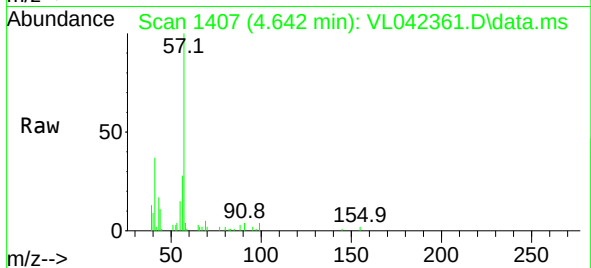
Acq: 17 Apr 2025 17:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025



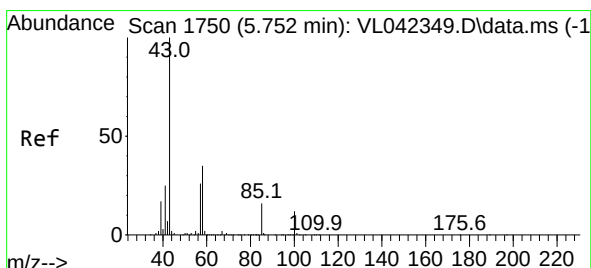
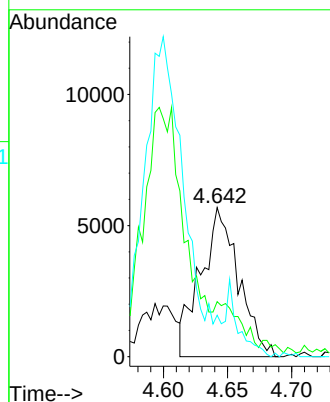
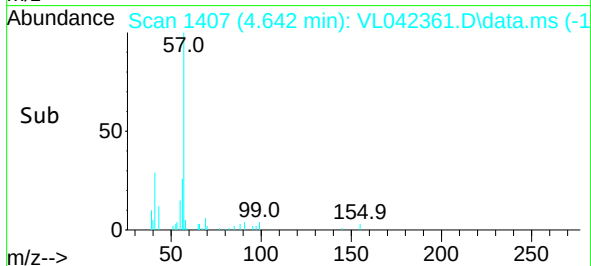
Tgt Ion:	57	Resp:	1167
Ion	Ratio	Lower	Upper
57	100		
41	0.0	27.2	40.8
56	0.0	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#50

4-Methyl-2-Pentanone

Concen: 19.593 ppbv

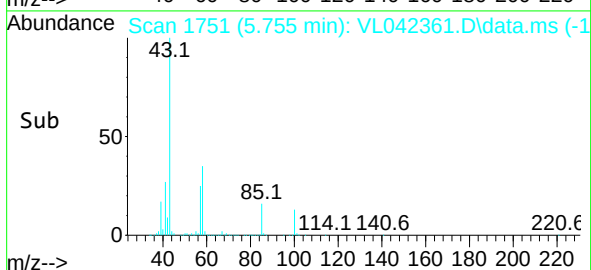
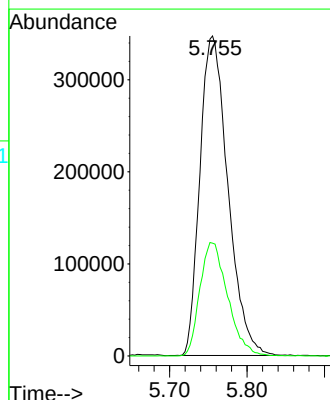
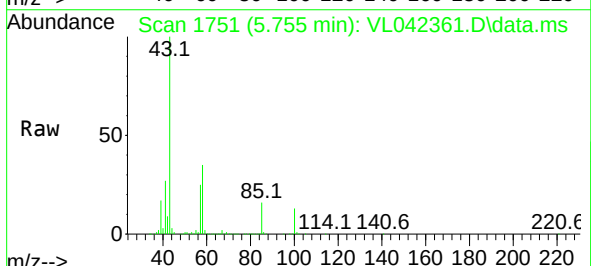
RT: 5.755 min Scan# 1751

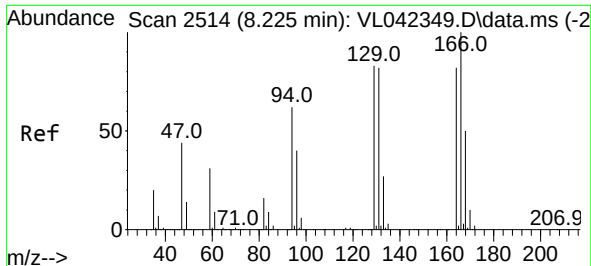
Delta R.T. 0.004 min

Lab File: VL042361.D

Acq: 17 Apr 2025 17:17

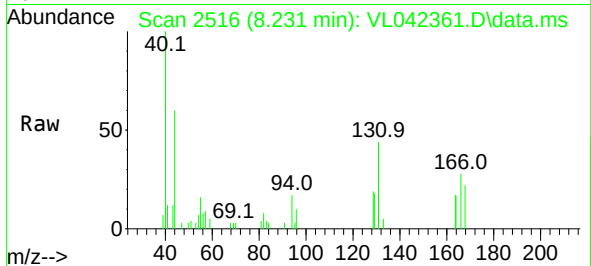
Tgt Ion:	43	Resp:	873418
Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.6	43.0





#52
Tetrachloroethene
Concen: 0.053 ppbv m
RT: 8.231 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

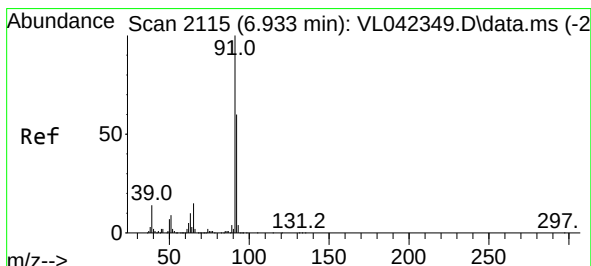
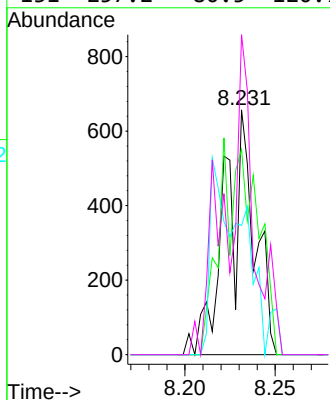
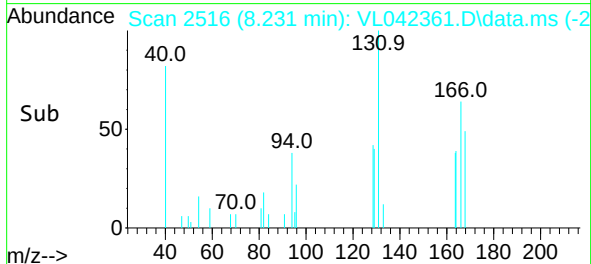
Instrument :
MSVOA_L
ClientSampleId :
LA-B1-4-3252025



Tgt Ion:164 Resp: 740
Ion Ratio Lower Upper
164 100
166 165.0 98.2 147.2
129 103.9 81.8 122.8
131 257.2 80.5 120.7#

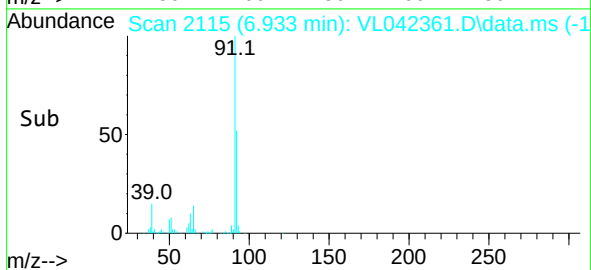
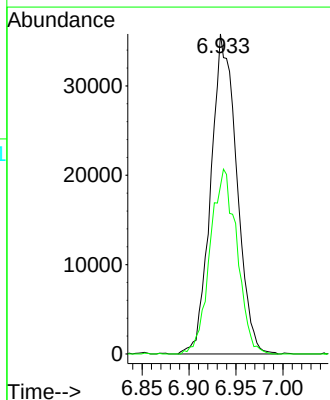
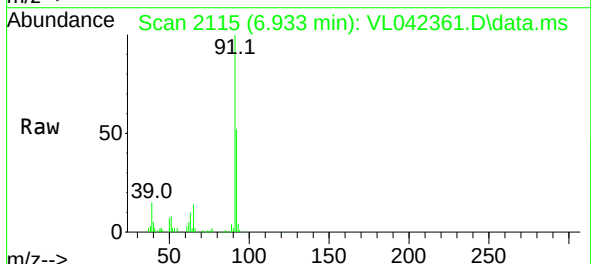
Manual Integrations
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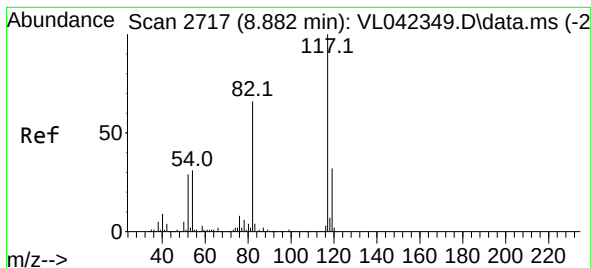
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 1.565 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Tgt Ion: 91 Resp: 68700
Ion Ratio Lower Upper
91 100
92 59.9 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: VL042361.D

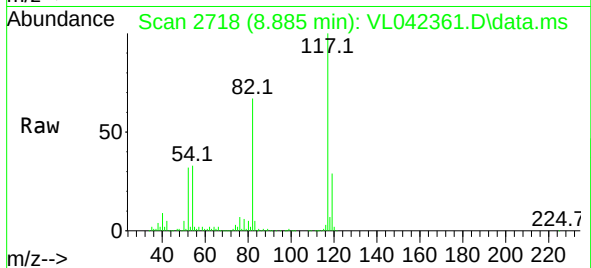
Acq: 17 Apr 2025 17:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025



Tgt Ion: 117 Resp: 30350

Ion Ratio Lower Upper

117 100

82 70.1 57.8 86.6

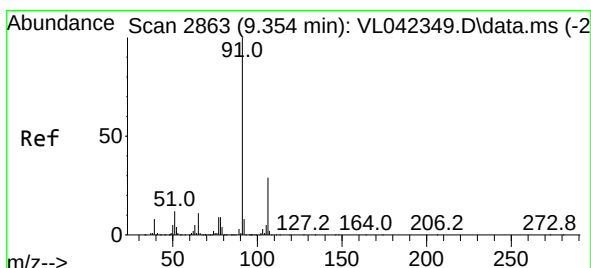
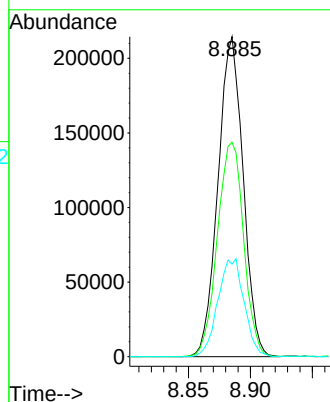
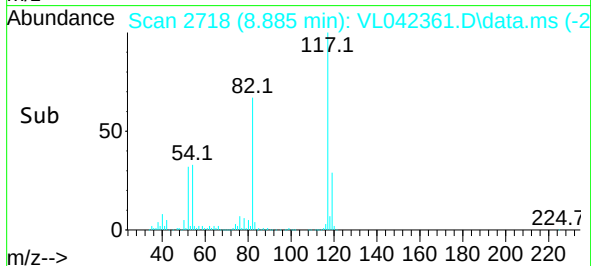
119 32.1 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#58

Ethyl Benzene

Concen: 0.944 ppbv

RT: 9.361 min Scan# 2865

Delta R.T. 0.007 min

Lab File: VL042361.D

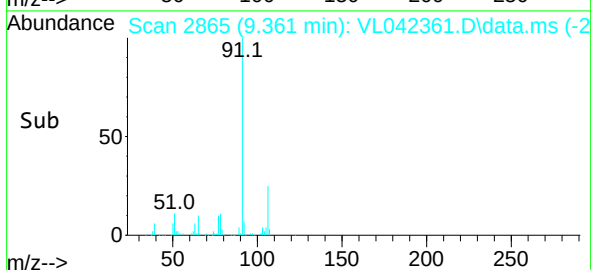
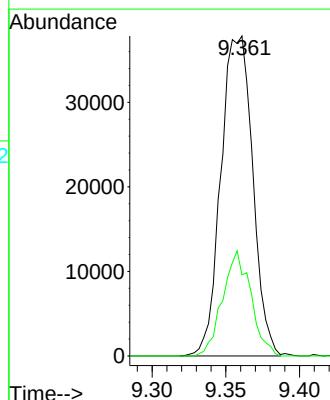
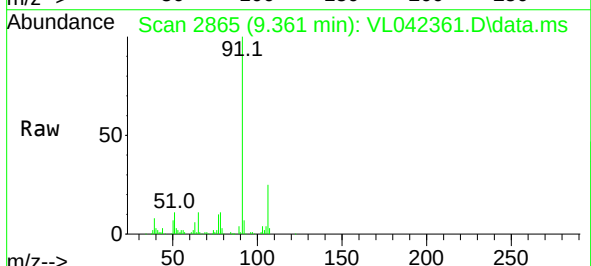
Acq: 17 Apr 2025 17:17

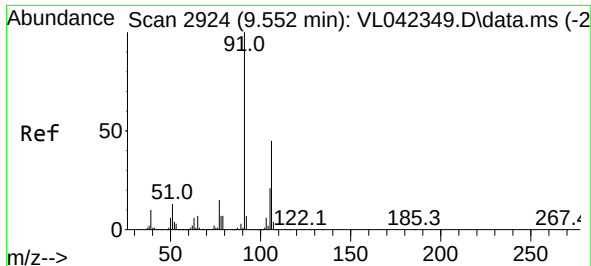
Tgt Ion: 91 Resp: 56772

Ion Ratio Lower Upper

91 100

106 25.4 23.0 34.4





#59

m/p-Xylene

Concen: 9.382 ppbv

RT: 9.536 min Scan# 2919

Delta R.T. -0.016 min

Lab File: VL042361.D

Acq: 17 Apr 2025 17:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025

Tgt Ion: 91 Resp: 45449

Ion Ratio Lower Upper

91 100

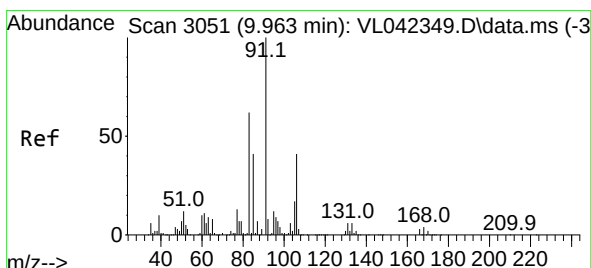
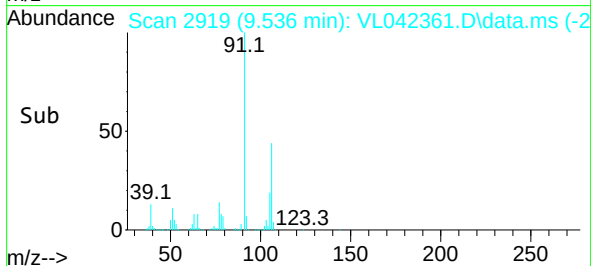
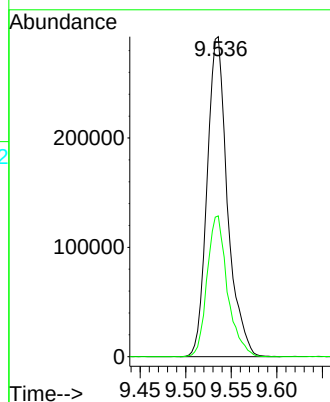
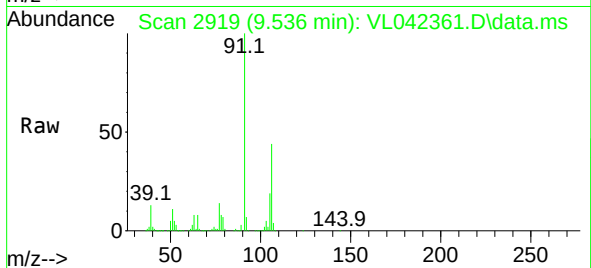
106 44.0 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 1.966 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.004 min

Lab File: VL042361.D

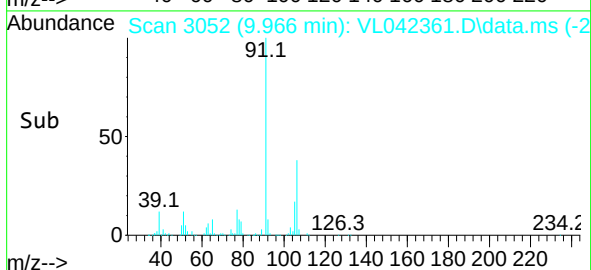
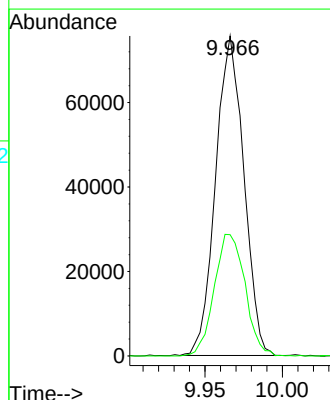
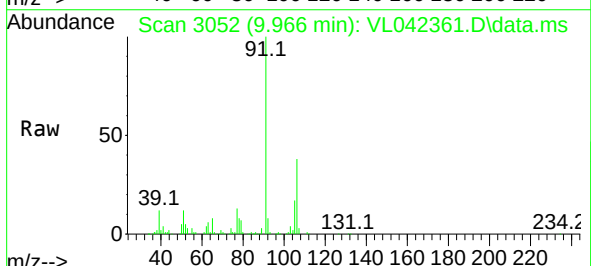
Acq: 17 Apr 2025 17:17

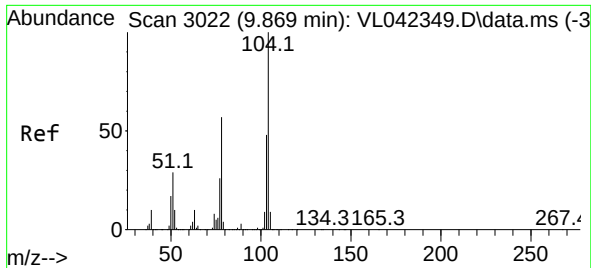
Tgt Ion: 91 Resp: 95896

Ion Ratio Lower Upper

91 100

106 41.6 21.1 63.4





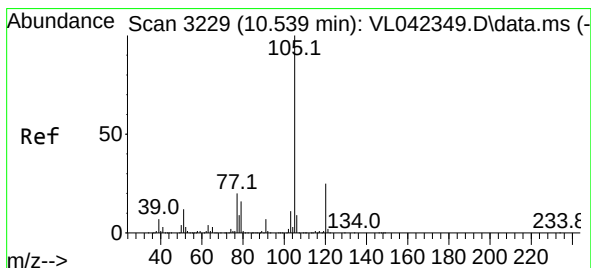
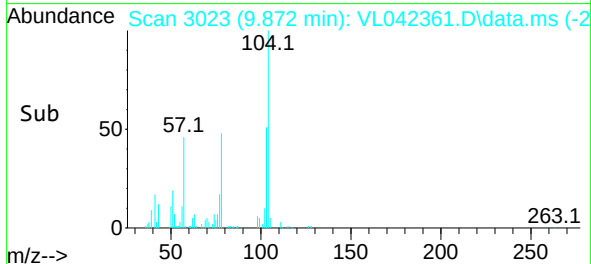
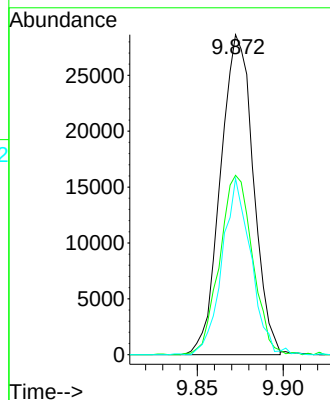
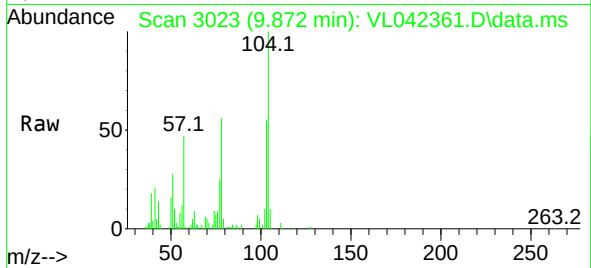
#61
Styrene
Concen: 1.629 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Tgt Ion:104 Resp: 3793
Ion Ratio Lower Upper
104 100
78 56.6 44.6 66.8
103 48.5 37.4 56.0

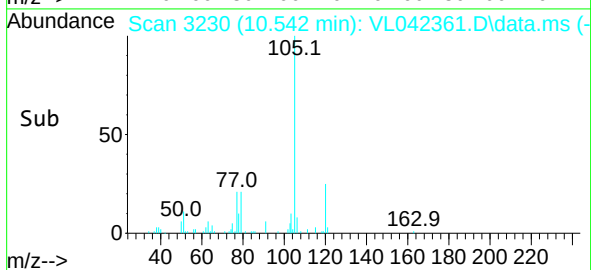
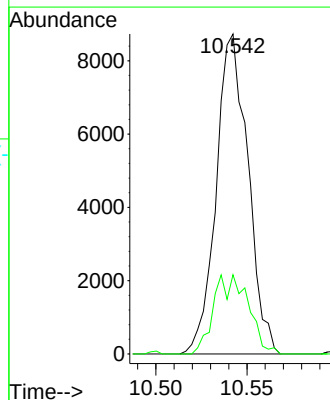
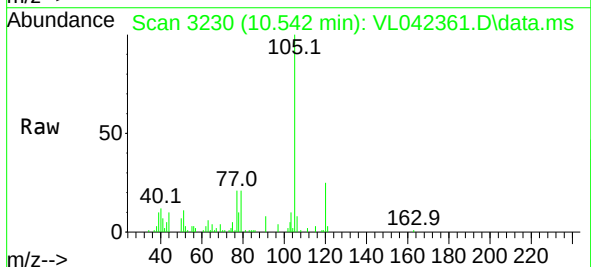
Manual Integrations
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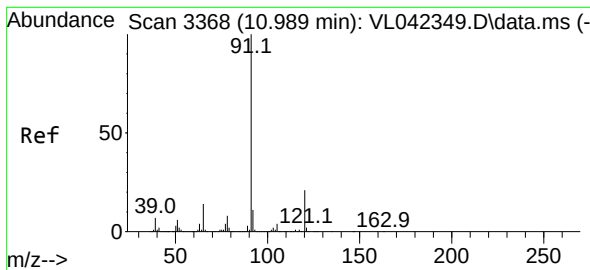
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#62
Isopropylbenzene
Concen: 0.148 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Tgt Ion:105 Resp: 10580
Ion Ratio Lower Upper
105 100
120 27.2 19.8 29.8





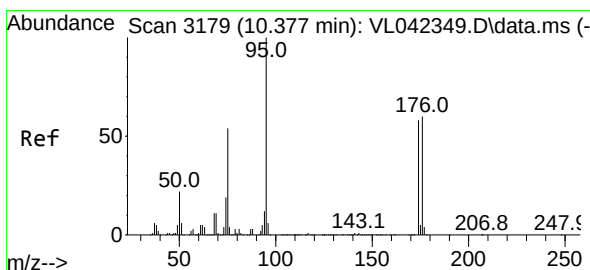
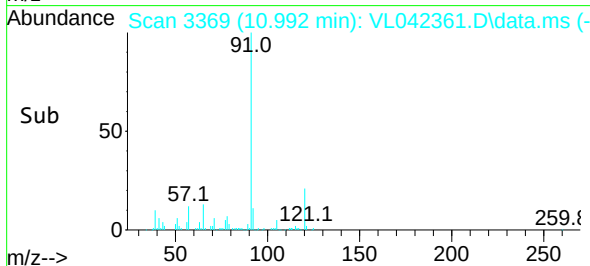
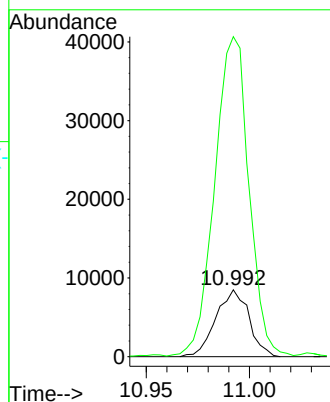
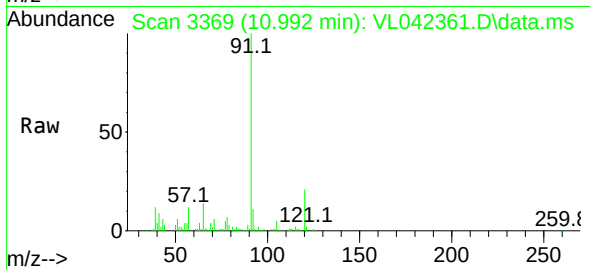
#64
n-propylbenzene
Concen: 0.527 ppbv
RT: 10.992 min Scan# 3179
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Tgt Ion:120 Resp: 948
Ion Ratio Lower Upper
120 100
91 500.9 392.4 588.6

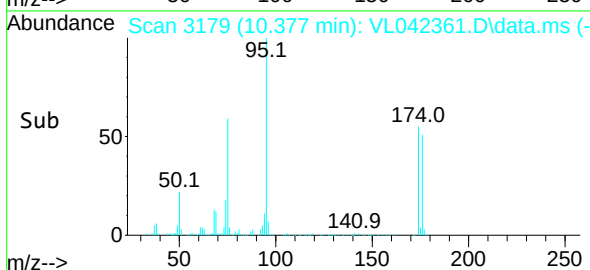
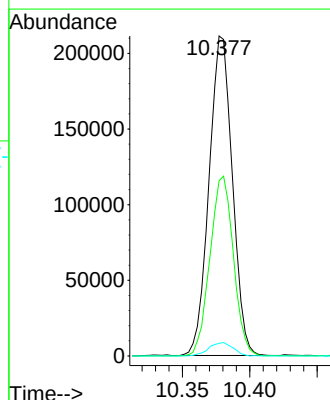
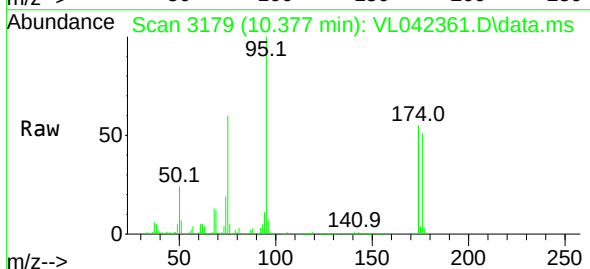
Manual Integrations
APPROVED

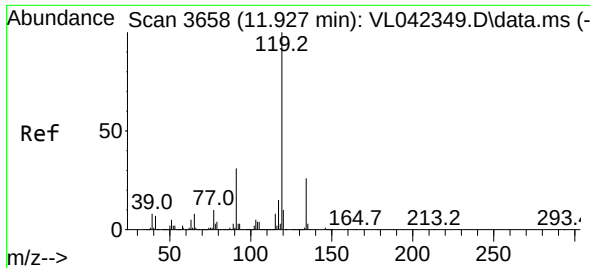
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.201 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

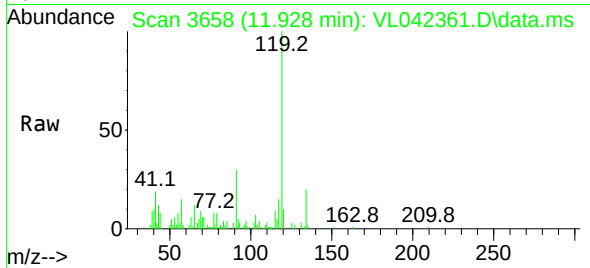
Tgt Ion: 95 Resp: 254412
Ion Ratio Lower Upper
95 100
174 56.7 48.5 72.7
175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.157 ppbv
RT: 11.928 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

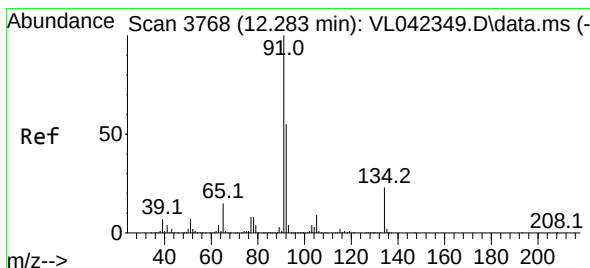
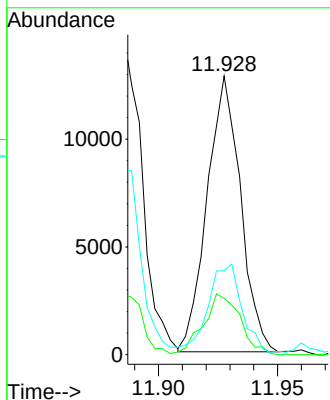
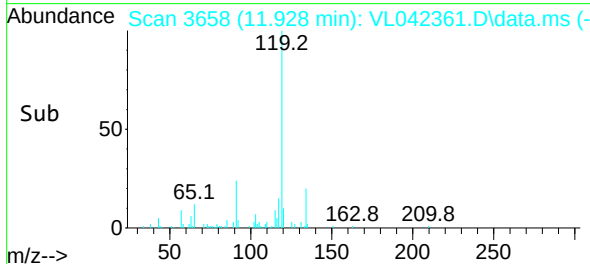
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025



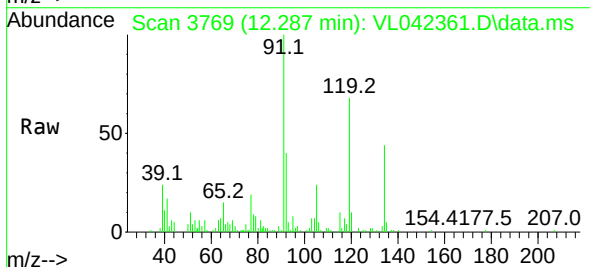
Tgt Ion: 119 Resp: 12502
Ion Ratio Lower Upper
119 100
134 24.0 20.0 30.0
91 30.2 24.4 36.6

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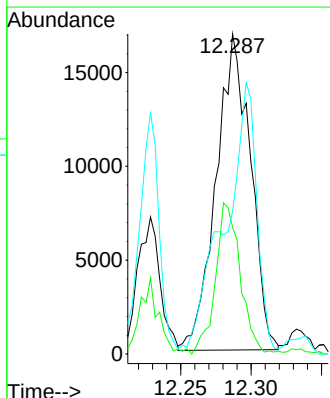
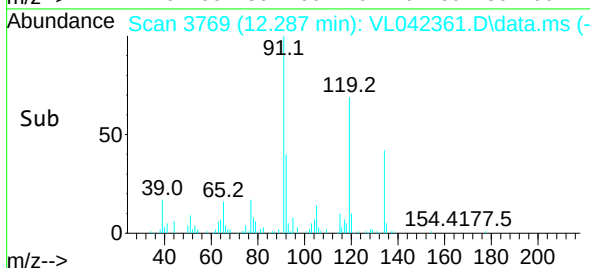
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

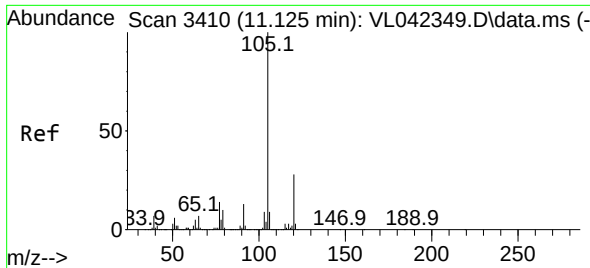


#70
n-Butylbenzene
Concen: 0.345 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17



Tgt Ion: 91 Resp: 28567
Ion Ratio Lower Upper
91 100
92 35.2 44.2 66.4#
134 84.2 18.2 27.4#





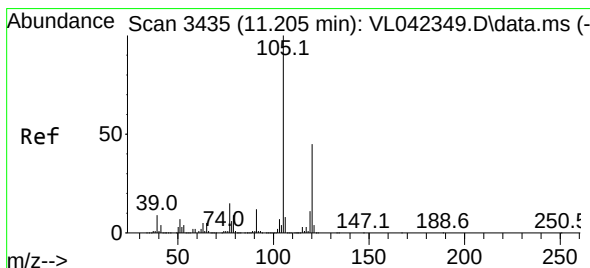
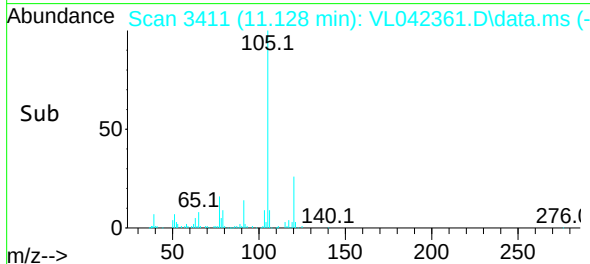
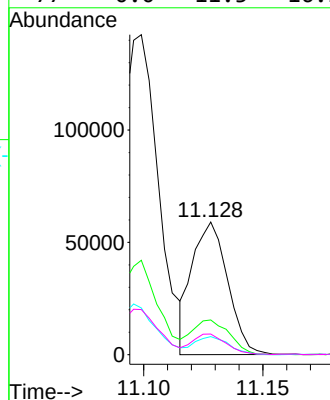
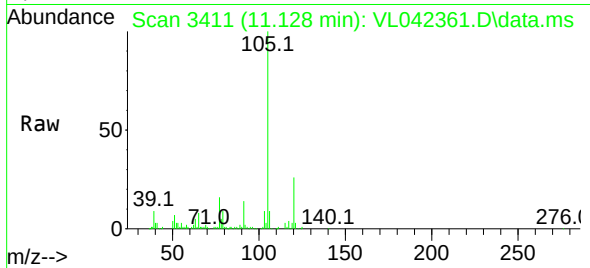
#72
4-Ethyltoluene
Concen: 1.028 ppbv
RT: 11.128 min Scan# 3410
Delta R.T. 0.004 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025

Tgt Ion:105 Resp: 61300
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

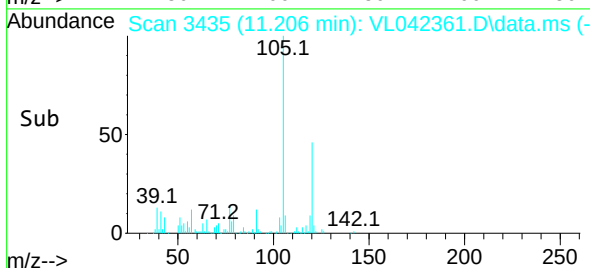
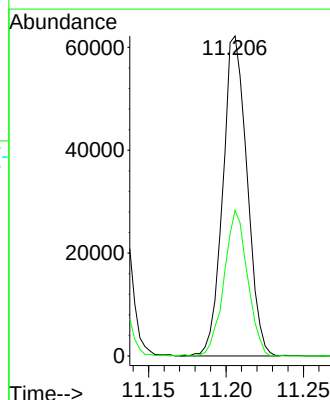
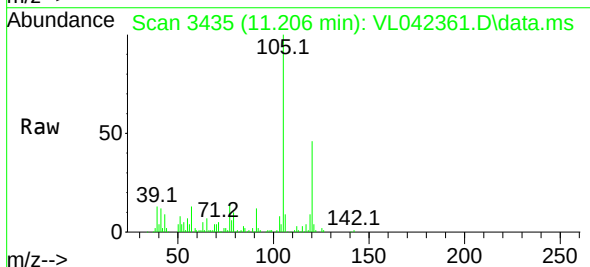
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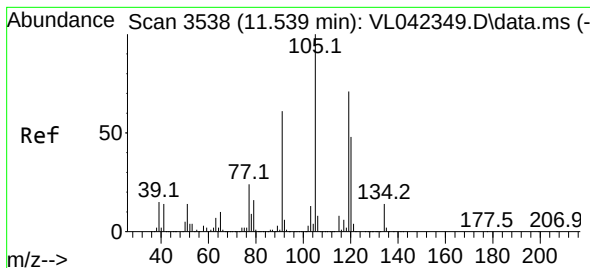
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#73
1,3,5-Trimethylbenzene
Concen: 1.287 ppbv
RT: 11.206 min Scan# 3435
Delta R.T. 0.000 min
Lab File: VL042361.D
Acq: 17 Apr 2025 17:17

Tgt Ion:105 Resp: 67763
Ion Ratio Lower Upper
105 100
120 45.4 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 3.819 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042361.D

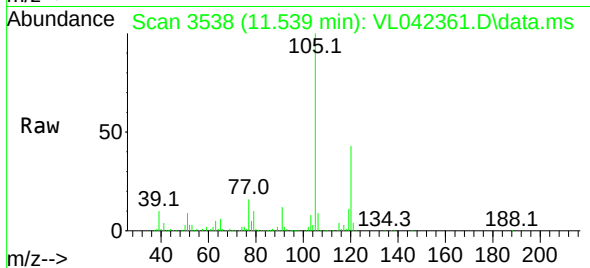
Acq: 17 Apr 2025 17:17

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025

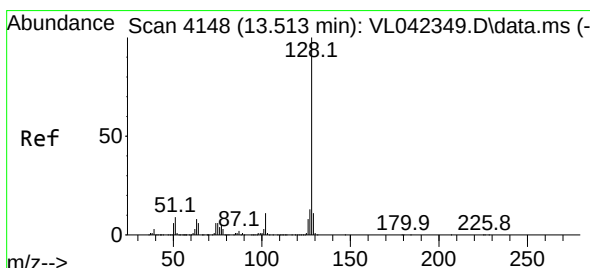
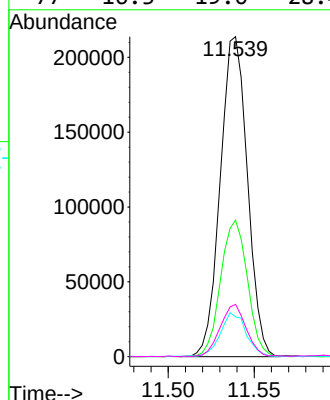
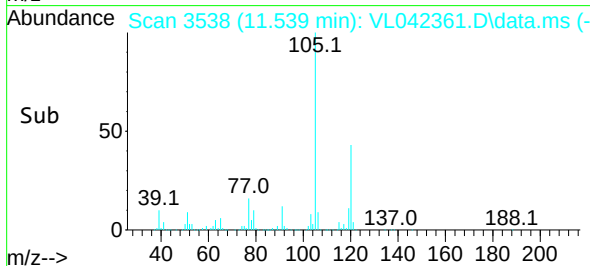


Tgt Ion:	105	Resp:	234839
Ion Ratio	Lower	Upper	
105	100		
120	42.6	38.1	57.1
91	12.4	48.8	73.2
77	16.3	19.0	28.4

Manual Integrations

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



#79

Naphthalene

Concen: 0.601 ppbv

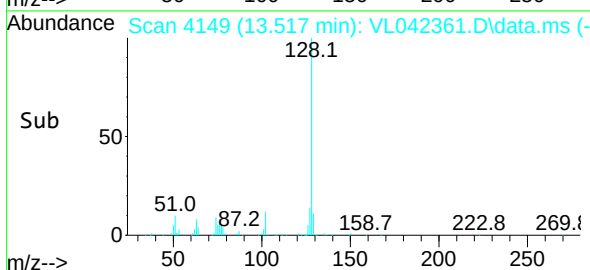
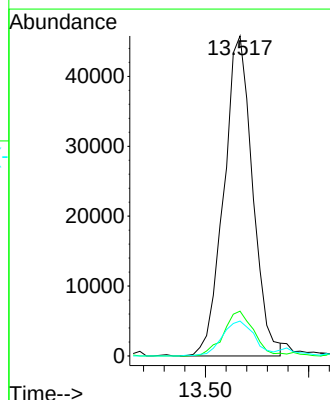
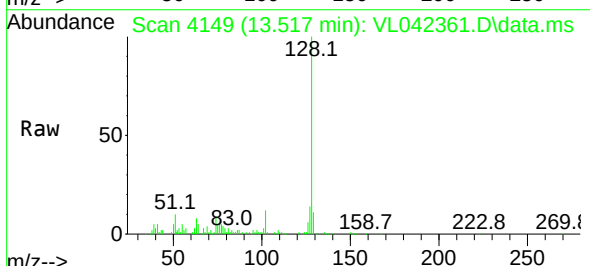
RT: 13.517 min Scan# 4149

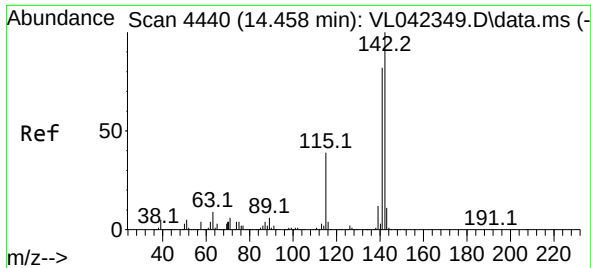
Delta R.T. 0.004 min

Lab File: VL042361.D

Acq: 17 Apr 2025 17:17

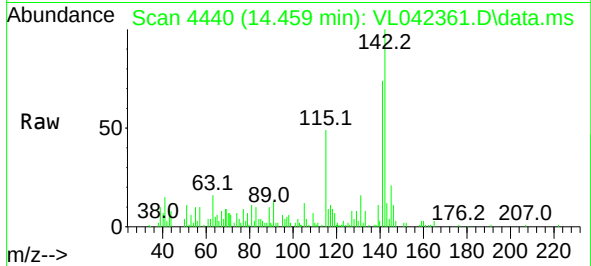
Tgt Ion:	128	Resp:	44224
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.6	15.8
129	10.9	8.6	12.8





#80
 Naphthalene, 2-methyl-
 Concen: 0.248 ppbv
 RT: 14.459 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: VL042361.D
 Acq: 17 Apr 2025 17:17

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-4-3252025



Tgt Ion:	142	Resp:	10408
Ion Ratio	Lower	Upper	
142	100		
141	89.8	66.8	100.2
115	82.6	33.4	50.2

Manual Integrations
 APPROVED

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

