

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042368.D
 Acq On : 17 Apr 2025 21:12
 Operator : SY/MD
 Sample : Q1726-03
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-2-03312025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:43:48 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	119191	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	333003	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	297493	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	243044	9.942	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9795	0.465	ppbv	96
3) Chlorodifluoromethane	1.473	51	5382m	0.268	ppbv	
4) Chloromethane	1.531	50	11453	1.374	ppbv	96
9) Propene	1.489	41	28395m	3.109	ppbv	
10) Heptane	4.982	43	76723	2.990	ppbv	97
11) Trichlorofluoromethane	1.878	101	4992	0.249	ppbv	88
13) Ethanol	1.722	45	334088	230.163	ppbv	75
15) Acetone	1.836	43	3440620	176.335	ppbv #	36
17) tert-Butyl alcohol	2.046	59	17897m	0.740	ppbv	
19) Isopropyl Alcohol	1.887	45	473769	43.709	ppbv #	33
20) Methylene Chloride	2.062	84	40932	5.357	ppbv	94
26) Hexane	2.826	57	82957	4.261	ppbv #	35
29) Chloroform	2.852	83	3693m	0.134	ppbv	
30) Cyclohexane	3.855	84	15212	0.967	ppbv #	91
34) 2-Butanone	2.561	43	40042	1.520	ppbv	99
35) Carbon Tetrachloride	3.768	117	2692m	0.089	ppbv	
36) Benzene	3.658	78	32372	0.901	ppbv	98
37) 1,2-Dichloroethane	3.221	62	3461	0.161	ppbv #	96
41) Tetrahydrofuran	3.066	42	4138	0.269	ppbv #	79
44) 2,2,4-Trimethylpentane	4.642	57	521960	8.414	ppbv	96
52) Tetrachloroethene	8.225	164	3563m	0.257	ppbv	
53) Toluene	6.933	91	806485	18.711	ppbv	99
58) Ethyl Benzene	9.358	91	214751	3.643	ppbv	99
59) m/p-Xylene	9.532	91	599749	12.631	ppbv	100
60) o-Xylene	9.966	91	238681	4.992	ppbv	99
61) Styrene	9.875	104	9022	0.395	ppbv	95
62) Isopropylbenzene	10.539	105	23690	0.337	ppbv	96
64) n-propylbenzene	10.989	120	18420	1.044	ppbv	85
69) p-Isopropyltoluene	11.928	119	14319	0.184	ppbv	96
70) n-Butylbenzene	12.280	91	31785m	0.391	ppbv	
71) 2-Chlorotoluene	10.905	91	28490	0.517	ppbv	99
72) 4-Ethyltoluene	11.128	105	107491	1.839	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.206	105	109907	2.130	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	349266	5.794	ppbv #	64
76) 1,4-Dichlorobenzene	11.672	146	3251	0.103	ppbv	93
79) Naphthalene	13.517	128	30244	0.420	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	6832m	0.166	ppbv	

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

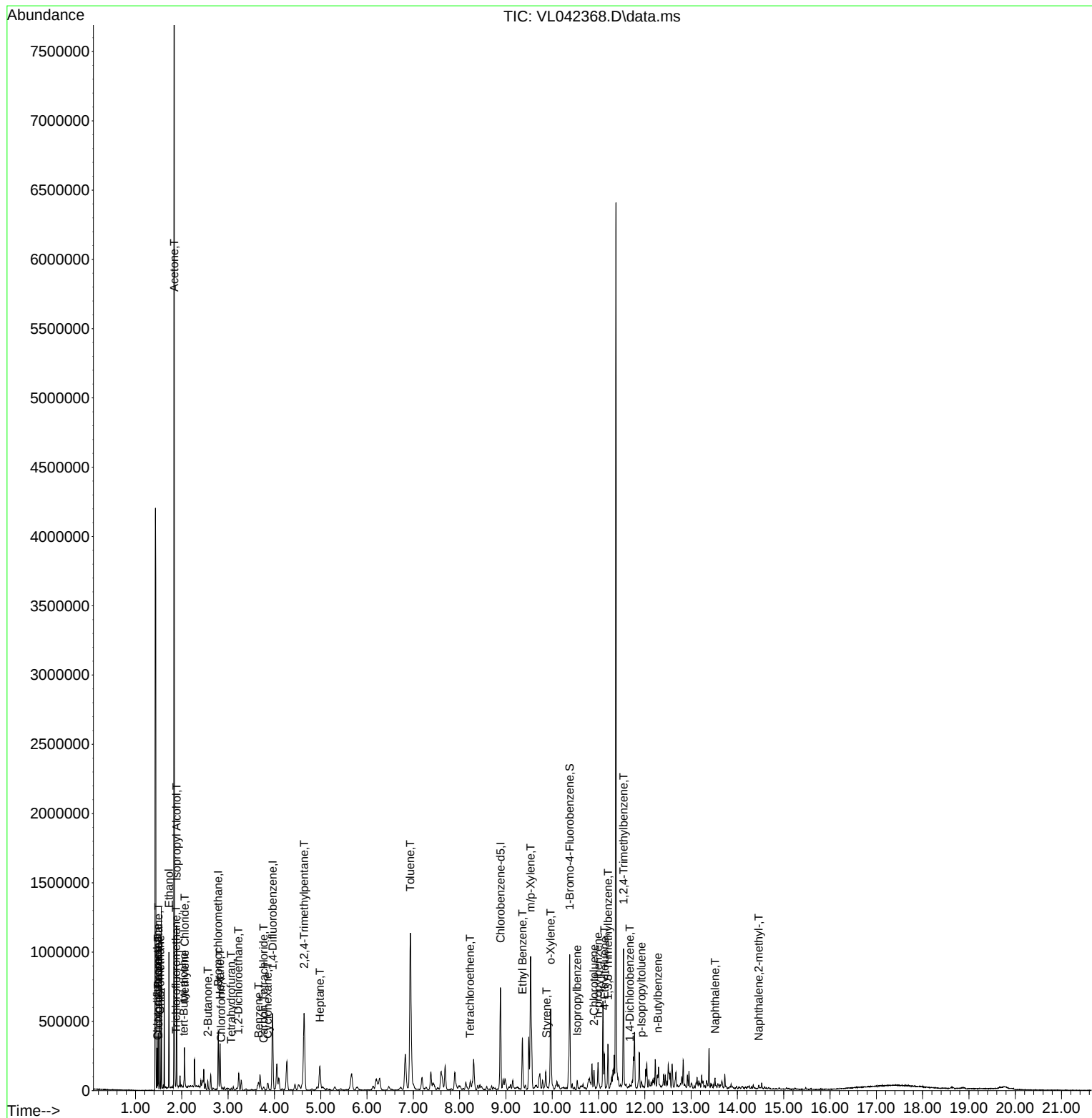
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Data File : VL042368.D
Acq On : 17 Apr 2025 21:12
Operator : SY/MD
Sample : Q1726-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

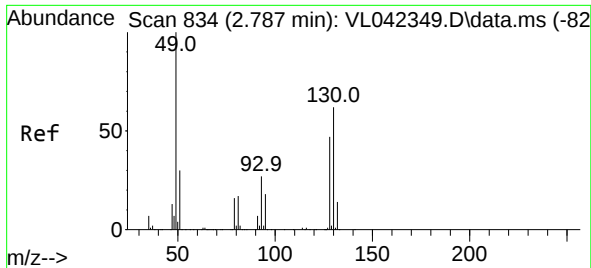
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025

Manual Integrations
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Quant Time: Apr 18 02:43:48 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





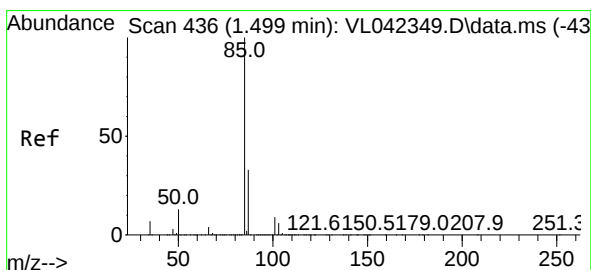
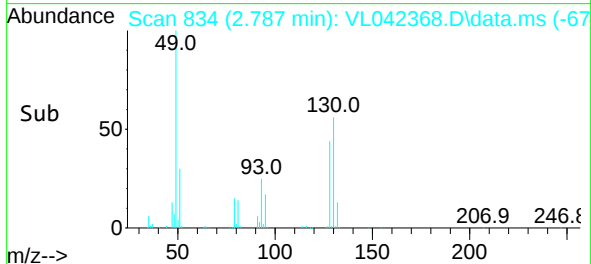
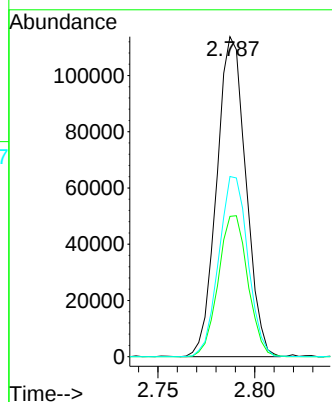
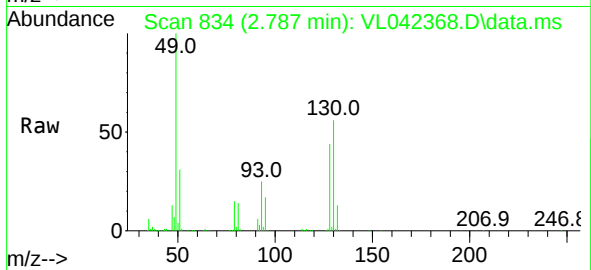
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025

Tgt Ion: 49 Resp: 11919
Ion Ratio Lower Upper
49 100
128 44.4 22.8 68.4
130 56.2 29.3 88.0

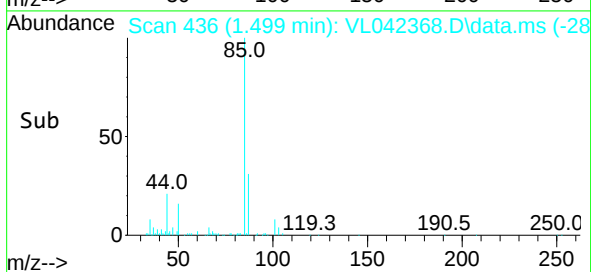
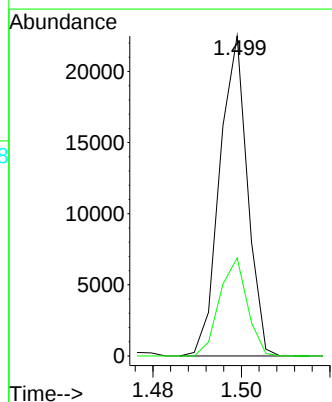
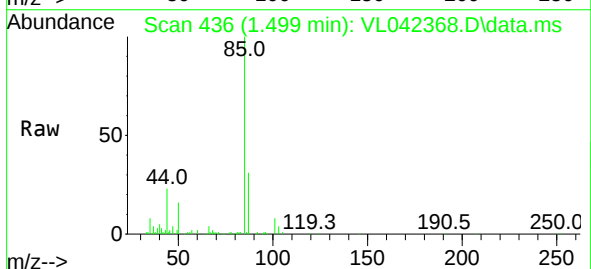
Manual Integrations
APPROVED

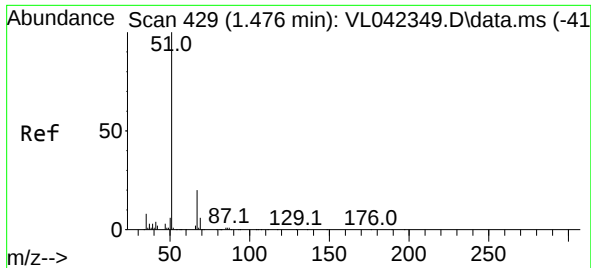
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#2
Dichlorodifluoromethane
Concen: 0.465 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

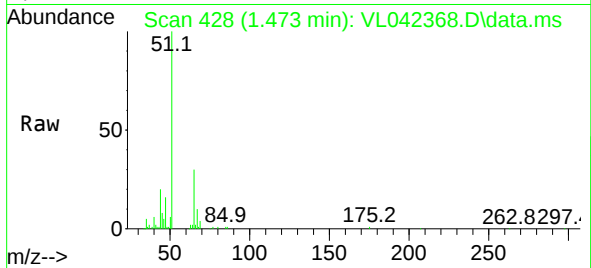
Tgt Ion: 85 Resp: 9795
Ion Ratio Lower Upper
85 100
87 30.7 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.268 ppbv m
RT: 1.473 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

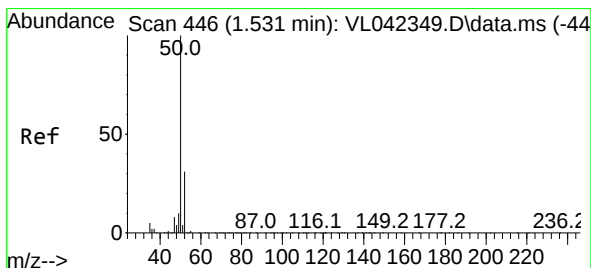
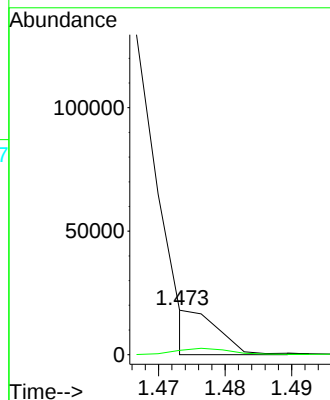
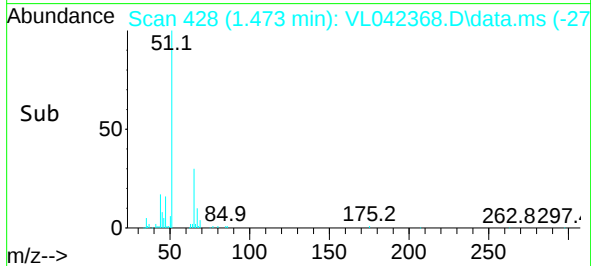
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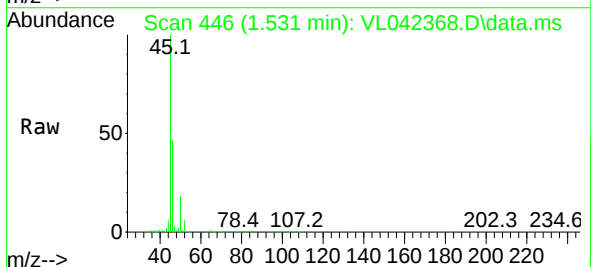
Tgt Ion: 51 Resp: 5382
Ion Ratio Lower Upper
51 100
67 34.1 16.2 24.4

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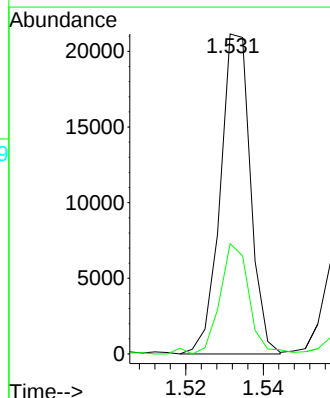
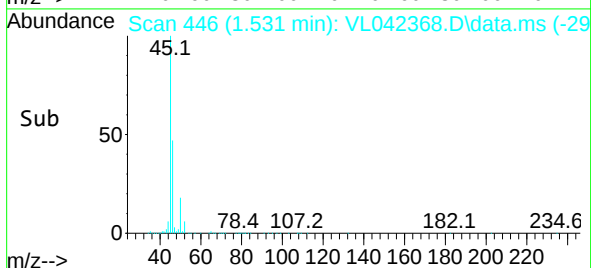
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

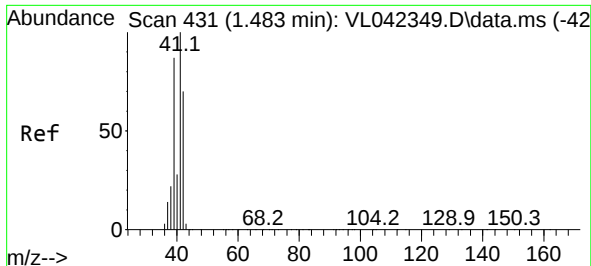


#4
Chloromethane
Concen: 1.374 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



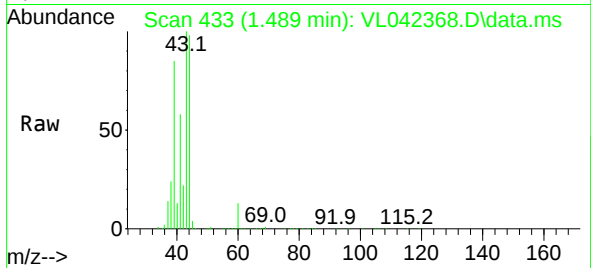
Tgt Ion: 50 Resp: 11453
Ion Ratio Lower Upper
50 100
52 33.2 24.7 37.1





#9
 Propene
 Concen: 3.109 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL042368.D
 Acq: 17 Apr 2025 21:12

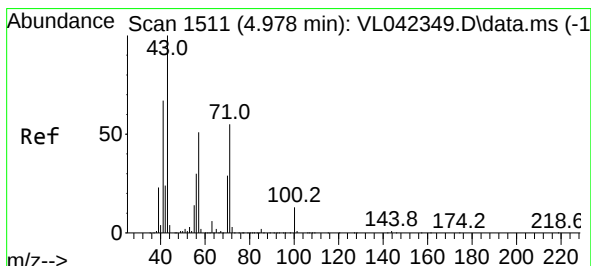
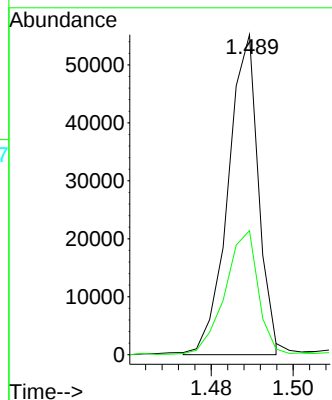
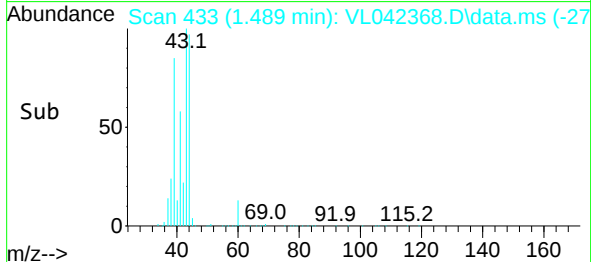
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-2-03312025



Tgt Ion: 41 Resp: 2839
 Ion Ratio Lower Upper
 41 100
 42 319.5 56.2 84.4

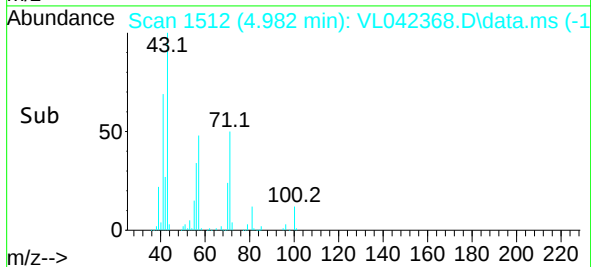
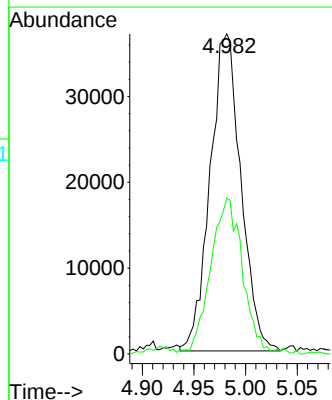
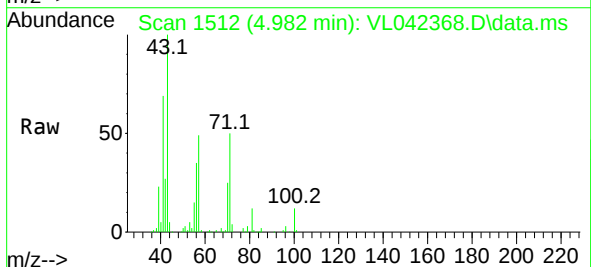
Manual Integrations
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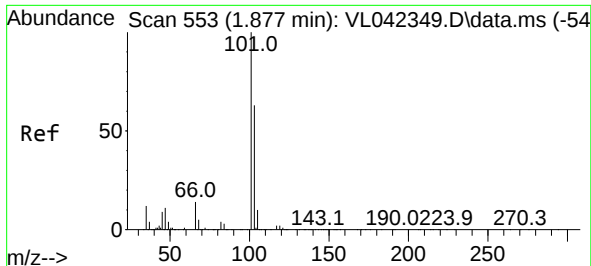
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 2.990 ppbv
 RT: 4.982 min Scan# 1512
 Delta R.T. 0.004 min
 Lab File: VL042368.D
 Acq: 17 Apr 2025 21:12

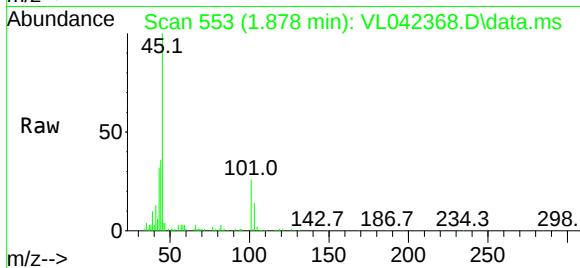
Tgt Ion: 43 Resp: 76723
 Ion Ratio Lower Upper
 43 100
 57 51.7 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.249 ppbv
RT: 1.878 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

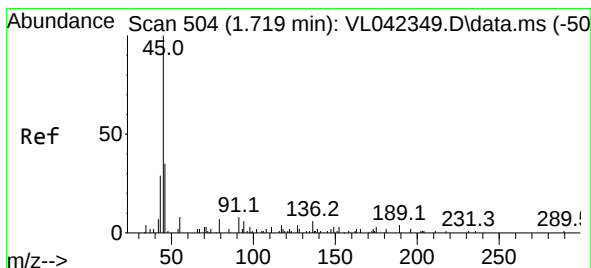
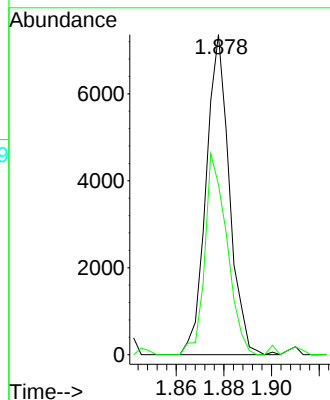
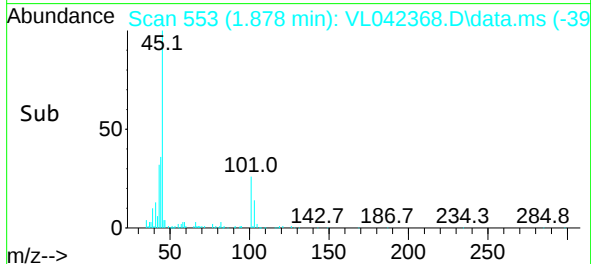
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



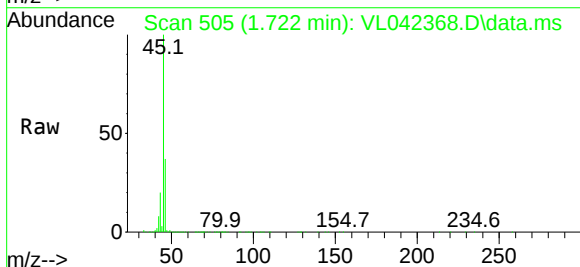
Tgt Ion:101 Resp: 4992
Ion Ratio Lower Upper
101 100
103 53.2 50.1 75.1

Manual Integrations
APPROVED

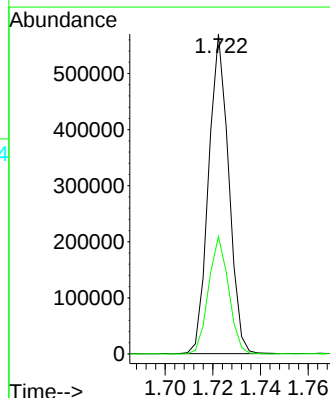
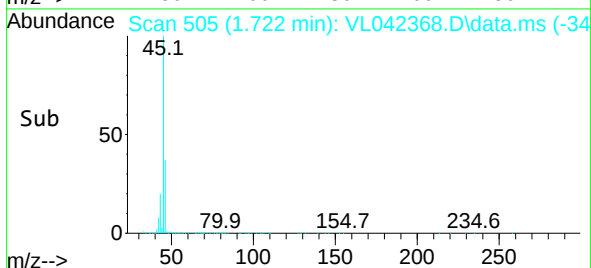
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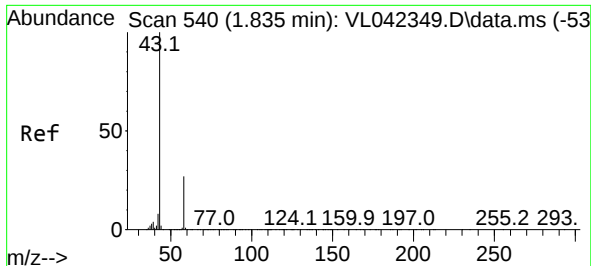


#13
Ethanol
Concen: 230.163 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



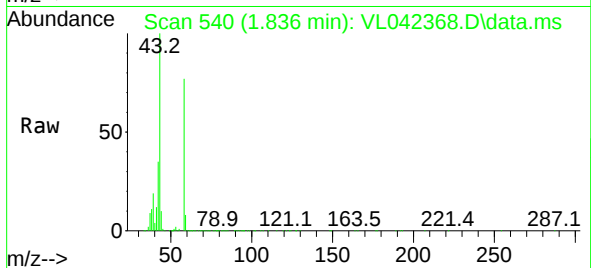
Tgt Ion: 45 Resp: 334088
Ion Ratio Lower Upper
45 100
46 36.9 21.9 87.7





#15
Acetone
Concen: 176.335 ppbv
RT: 1.836 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

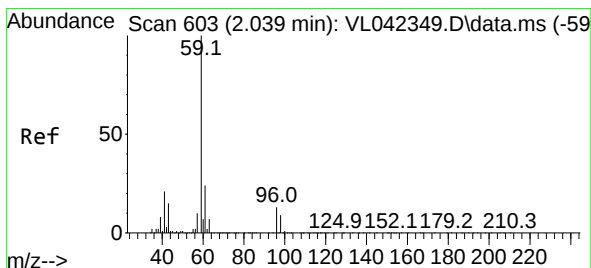
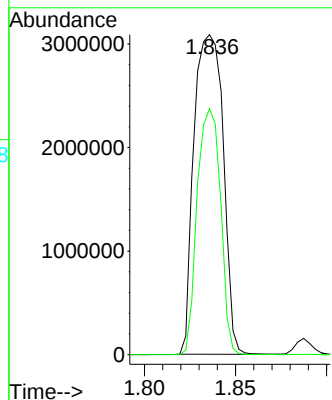
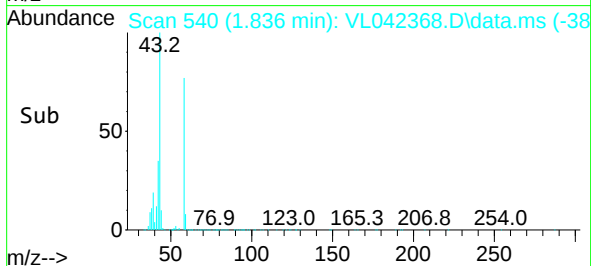
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



Tgt Ion: 43 Resp: 3440620
Ion Ratio Lower Upper
43 100
58 61.6 22.4 33.6

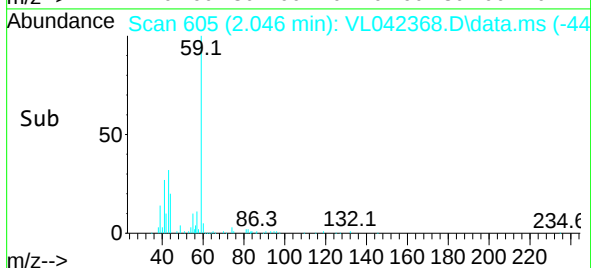
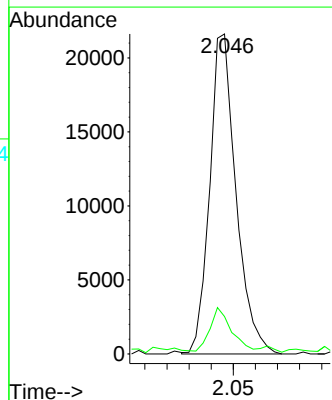
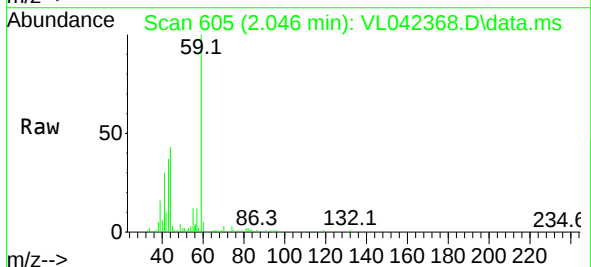
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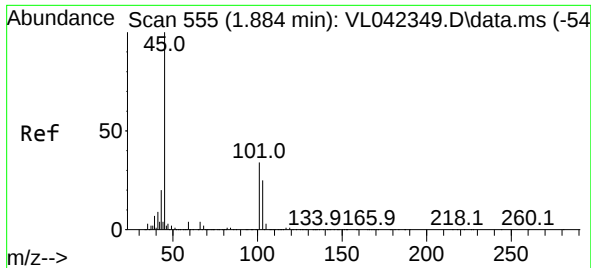
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 0.740 ppbv m
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

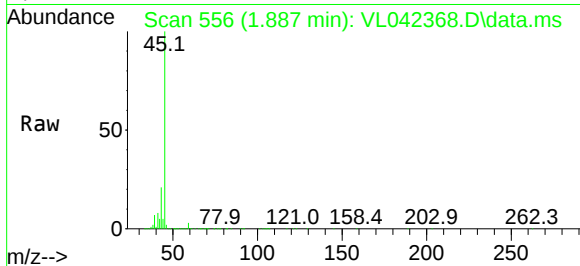
Tgt Ion: 59 Resp: 17897
Ion Ratio Lower Upper
59 100
57 23.6 8.7 13.1





#19
Isopropyl Alcohol
Concen: 43.709 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

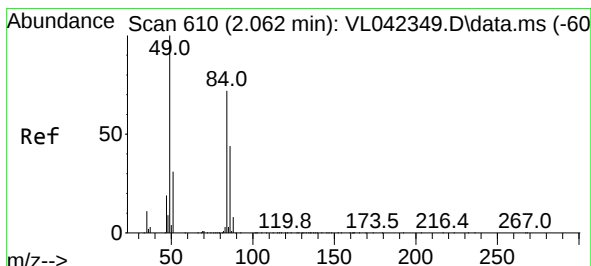
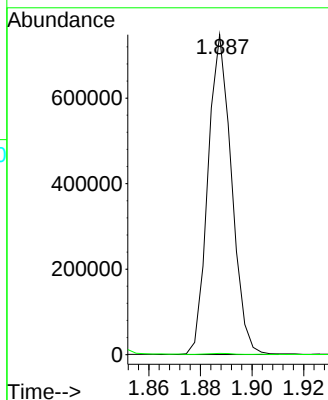
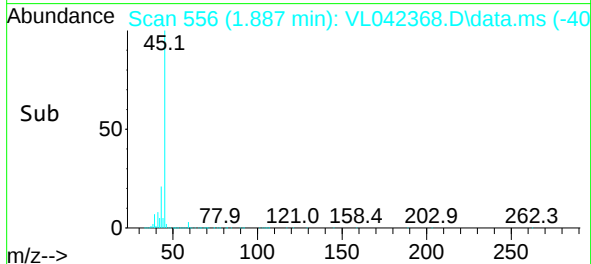
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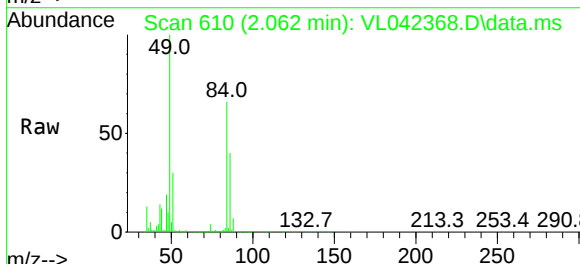
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Ion Ratio Lower Upper
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58 0.0 34.5 51.7

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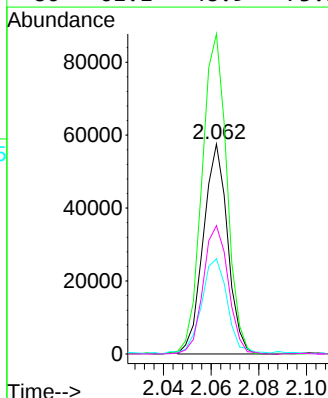
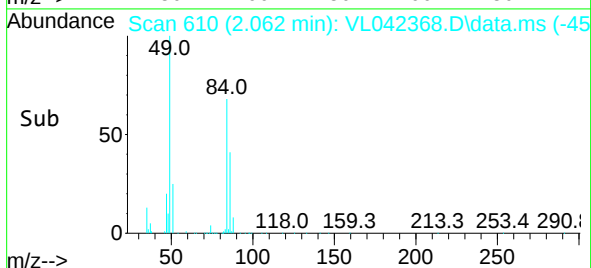
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

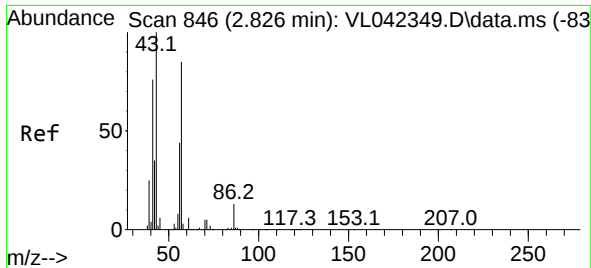


#20
Methylene Chloride
Concen: 5.357 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



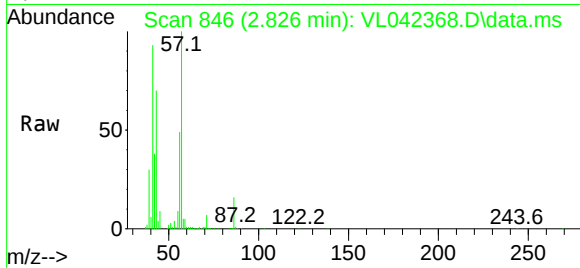
Tgt Ion: 84 Resp: 40932
Ion Ratio Lower Upper
84 100
49 151.7 111.6 167.4
51 44.5 35.1 52.7
86 61.1 48.9 73.3





#26
Hexane
Concen: 4.261 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

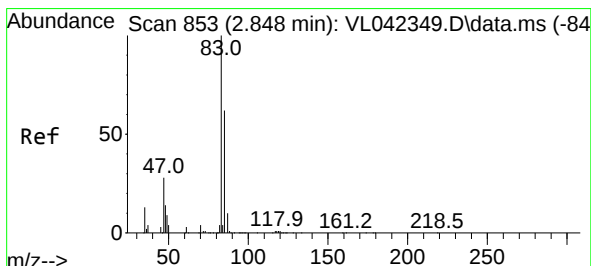
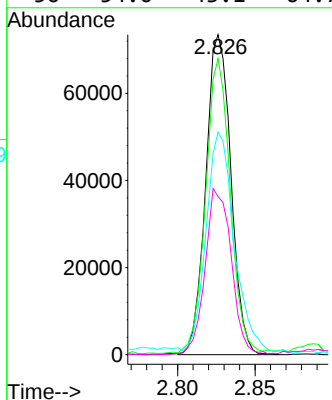
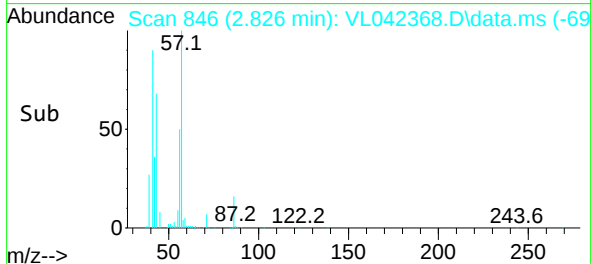
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IA-B2-2-03312025



Tgt Ion: 57 Resp: 8295
Ion Ratio Lower Upper
57 100
41 90.3 77.9 116.9
43 80.7 208.4 312.6
56 54.0 43.1 64.7

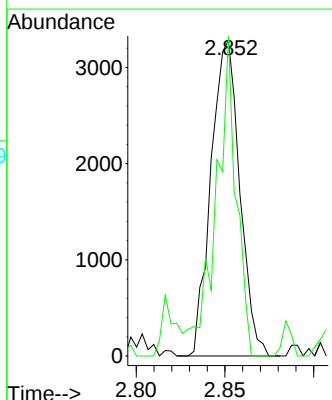
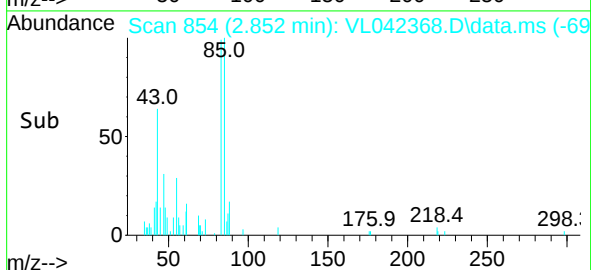
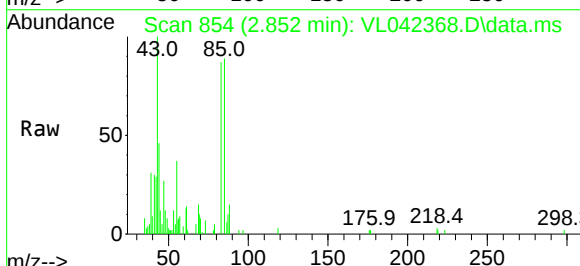
Manual Integrations
APPROVED

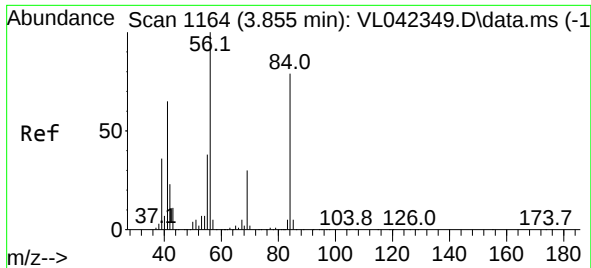
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#29
Chloroform
Concen: 0.134 ppbv m
RT: 2.852 min Scan# 854
Delta R.T. 0.003 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

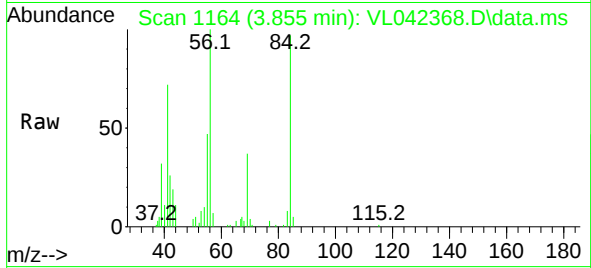
Tgt Ion: 83 Resp: 3693
Ion Ratio Lower Upper
83 100
85 101.4 50.0 75.0#





#30
Cyclohexane
Concen: 0.967 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

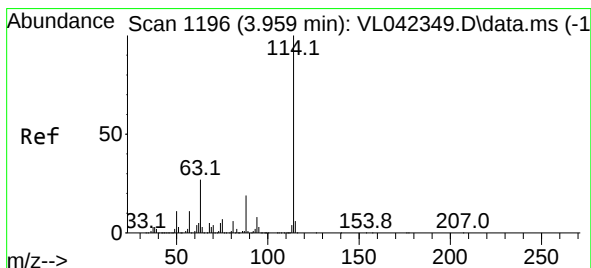
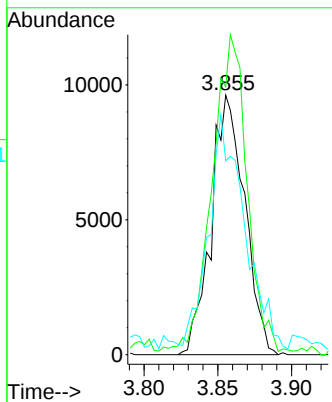
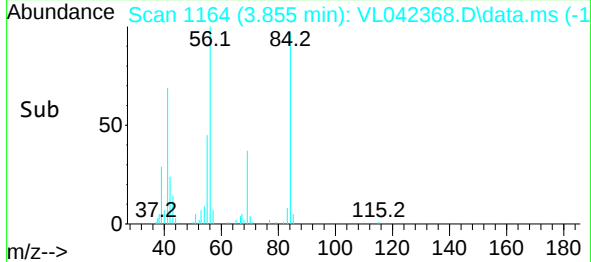
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



Tgt Ion: 84 Resp: 1521
Ion Ratio Lower Upper
84 100
56 125.5 101.0 151.4
41 103.5 67.4 101.0

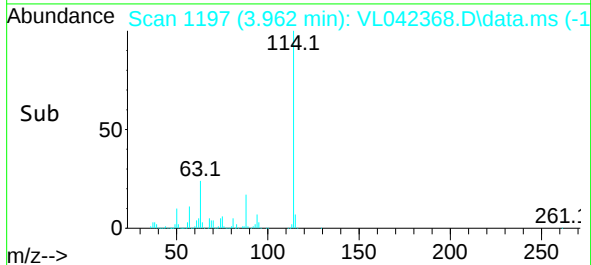
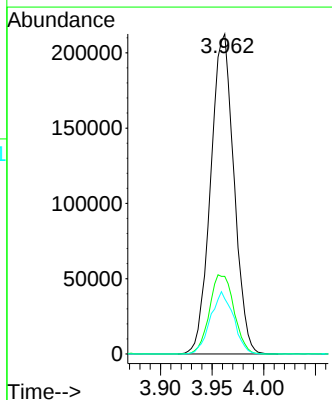
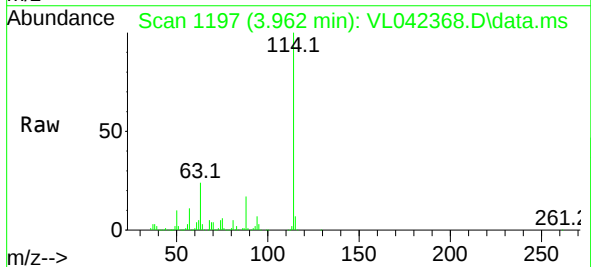
Manual Integrations
APPROVED

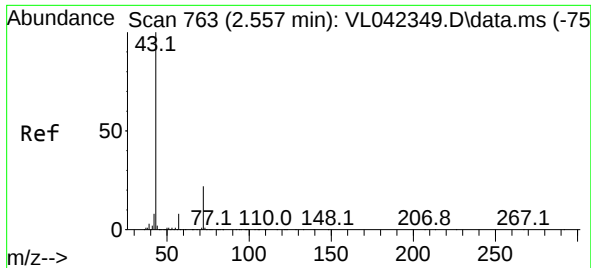
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

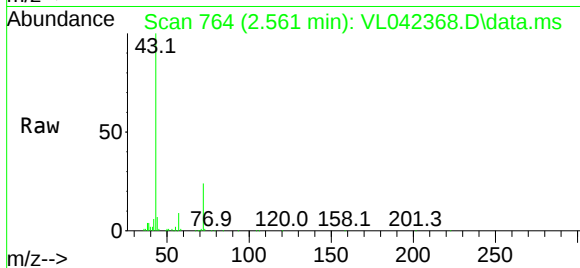
Tgt Ion:114 Resp: 333003
Ion Ratio Lower Upper
114 100
63 26.1 21.8 32.6
88 19.3 15.5 23.3





#34
2-Butanone
Concen: 1.520 ppbv
RT: 2.561 min Scan# 70
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

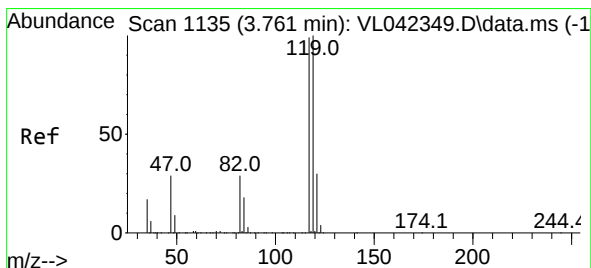
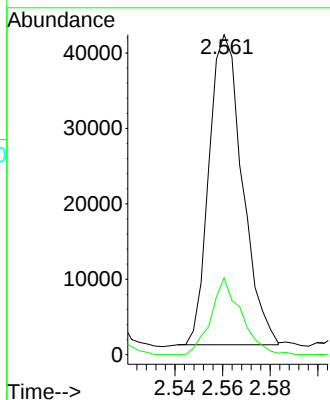
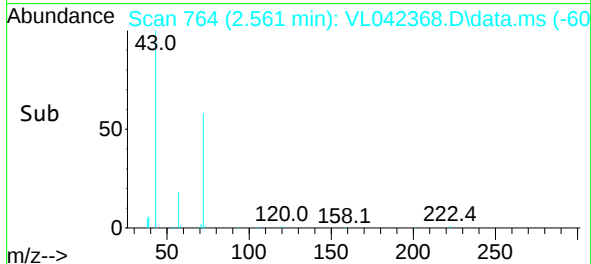
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



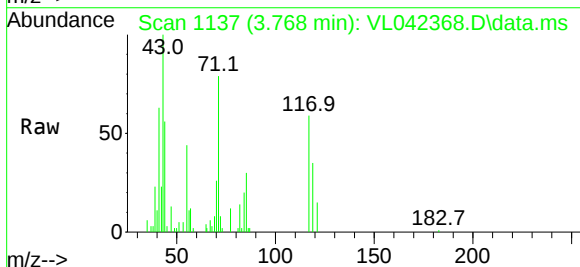
Tgt Ion: 43 Resp: 4004
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.2

Manual Integrations
APPROVED

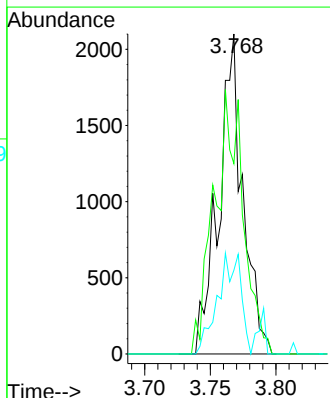
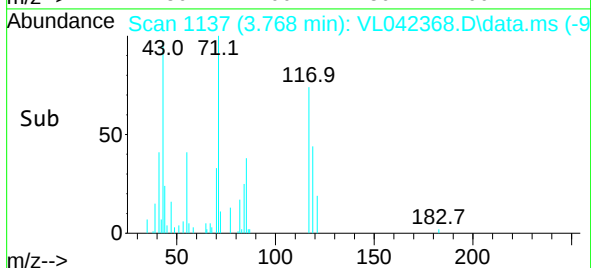
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

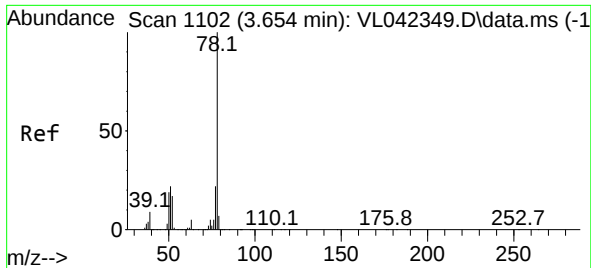


#35
Carbon Tetrachloride
Concen: 0.089 ppbv m
RT: 3.768 min Scan# 1137
Delta R.T. 0.007 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



Tgt Ion:117 Resp: 2692
Ion Ratio Lower Upper
117 100
119 59.5 80.5 120.7#
121 26.1 24.2 36.2





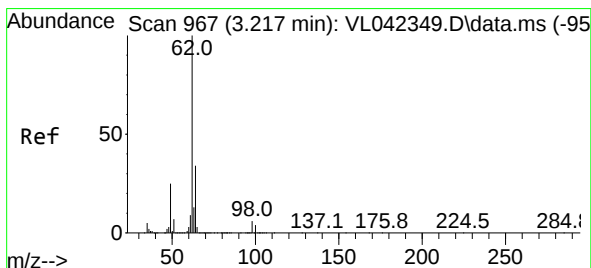
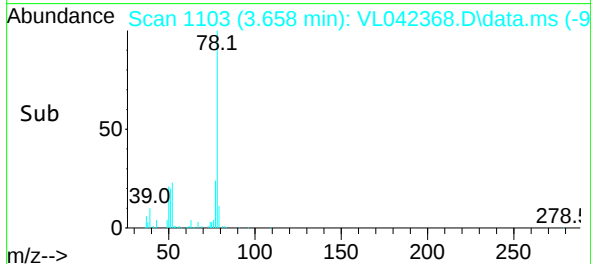
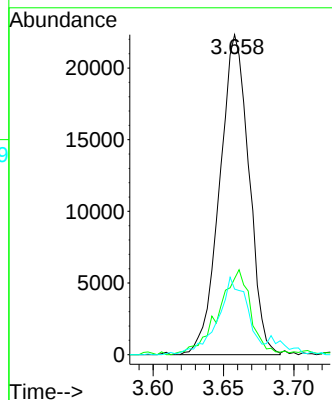
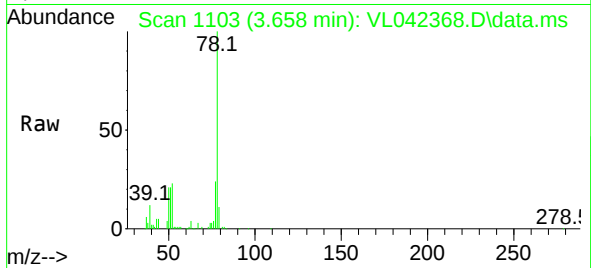
#36
Benzene
Concen: 0.901 ppbv
RT: 3.658 min Scan# 1102
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025

Tgt Ion: 78 Resp: 32372
Ion Ratio Lower Upper
78 100
77 23.0 17.4 26.0
50 19.9 15.5 23.3

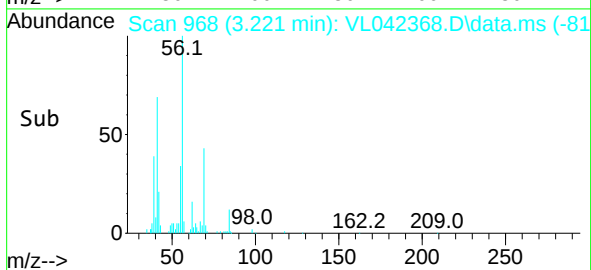
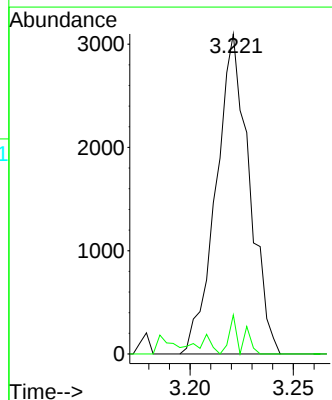
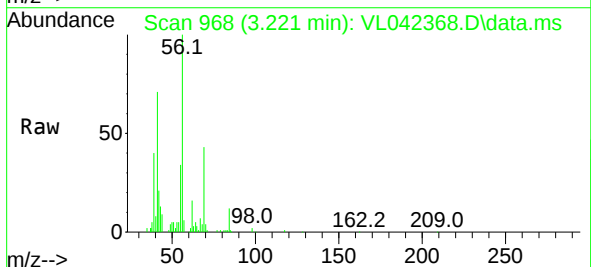
Manual Integrations
APPROVED

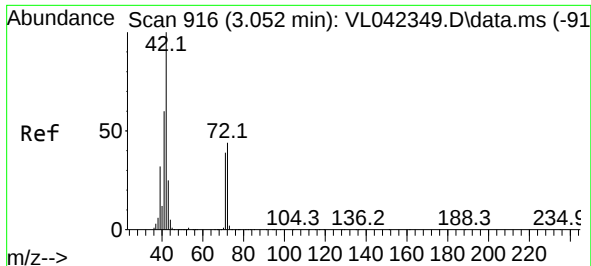
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#37
1,2-Dichloroethane
Concen: 0.161 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

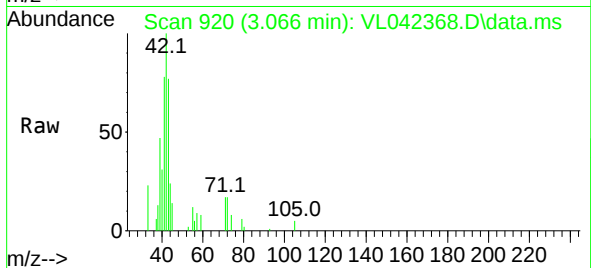
Tgt Ion: 62 Resp: 3461
Ion Ratio Lower Upper
62 100
98 7.9 5.1 7.7#





#41
Tetrahydrofuran
Concen: 0.269 ppbv
RT: 3.066 min Scan# 916
Delta R.T. 0.013 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

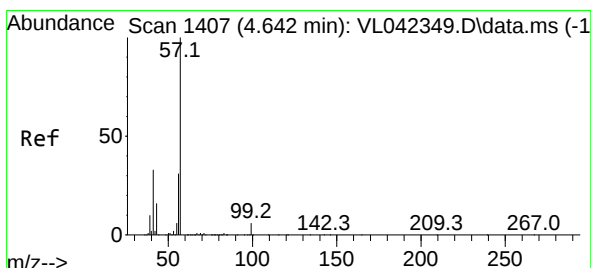
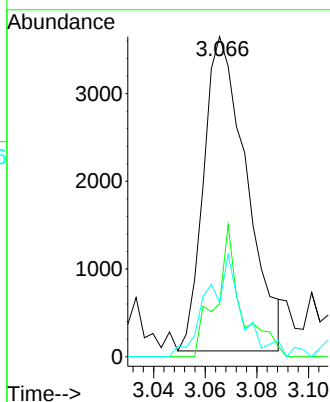
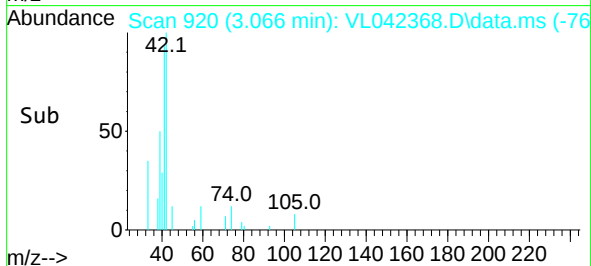
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



Tgt Ion: 42 Resp: 4138
Ion Ratio Lower Upper
42 100
72 24.8 32.3 48.5
71 29.5 31.4 47.2

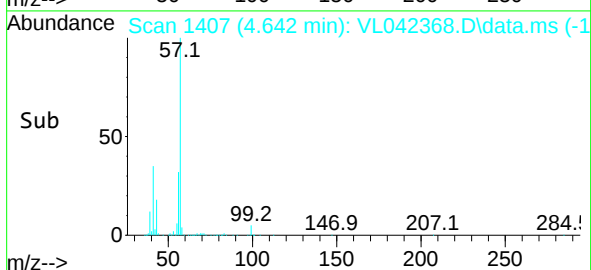
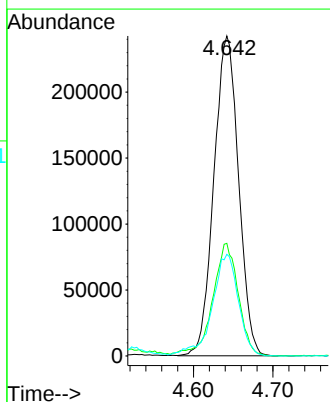
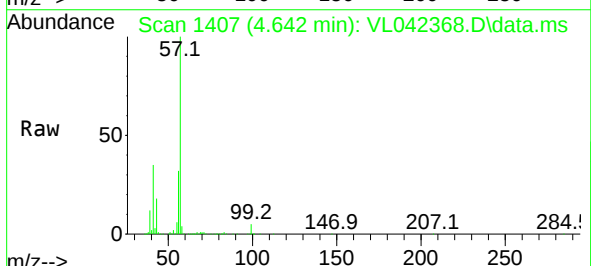
Manual Integrations
APPROVED

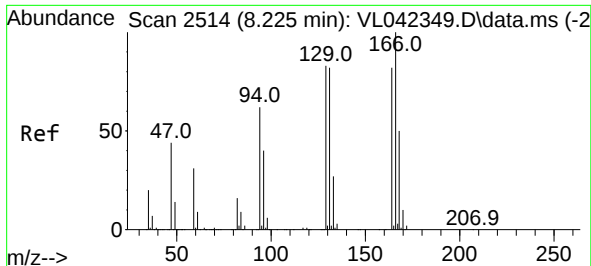
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#44
2,2,4-Trimethylpentane
Concen: 8.414 ppbv
RT: 4.642 min Scan# 1407
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

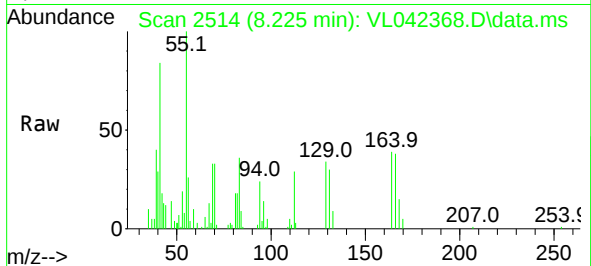
Tgt Ion: 57 Resp: 521960
Ion Ratio Lower Upper
57 100
41 36.7 27.2 40.8
56 34.1 25.7 38.5





#52
Tetrachloroethene
Concen: 0.257 ppbv m
RT: 8.225 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

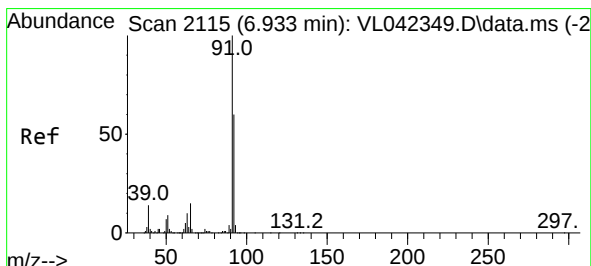
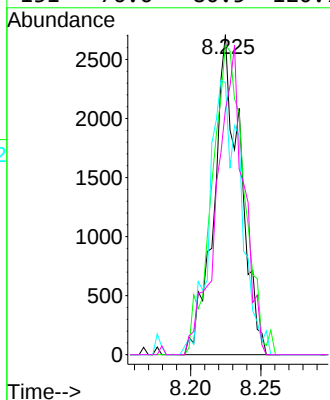
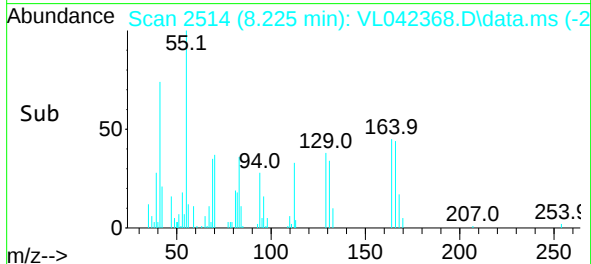
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



Tgt Ion:164 Resp: 356
Ion Ratio Lower Upper
164 100
166 96.9 98.2 147.2
129 85.0 81.8 122.8
131 76.6 80.5 120.7#

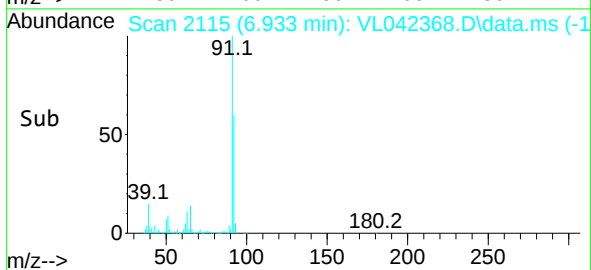
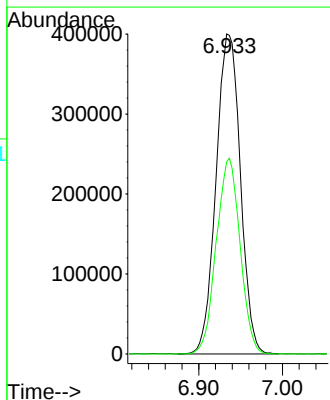
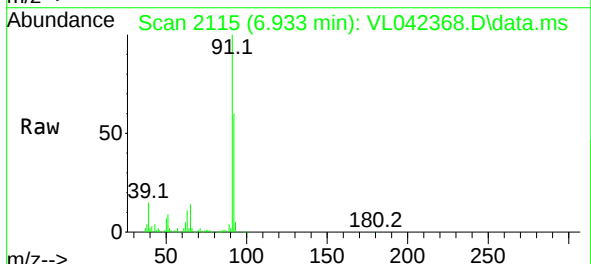
Manual Integrations
APPROVED

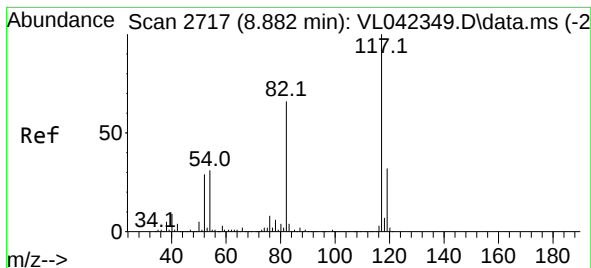
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 18.711 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Tgt Ion: 91 Resp: 806485
Ion Ratio Lower Upper
91 100
92 59.9 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL042368.D

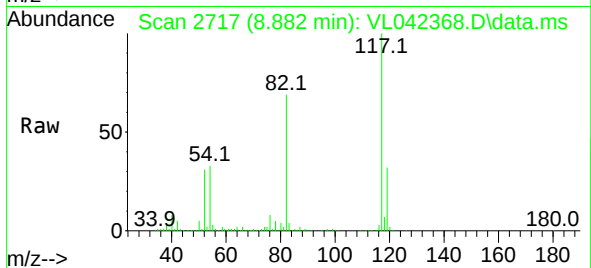
Acq: 17 Apr 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-2-03312025



Tgt Ion:117 Resp: 29749

Ion Ratio Lower Upper

117 100

82 68.6 57.8 86.6

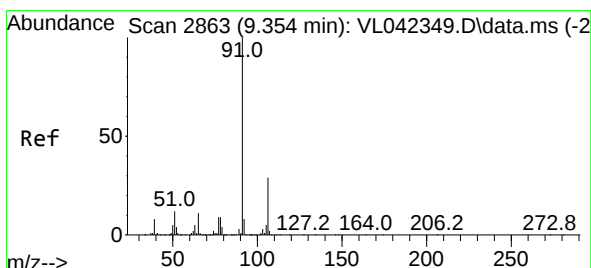
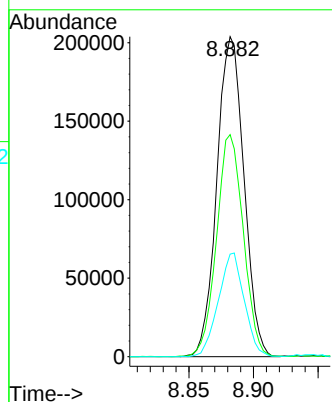
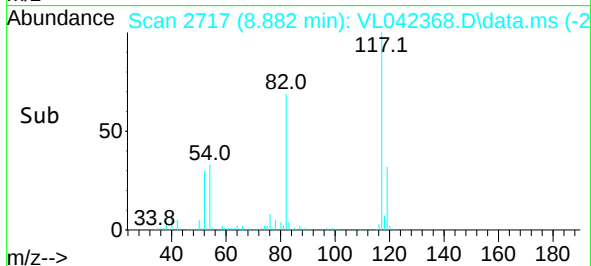
119 30.9 25.2 37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#58

Ethyl Benzene

Concen: 3.643 ppbv

RT: 9.358 min Scan# 2864

Delta R.T. 0.004 min

Lab File: VL042368.D

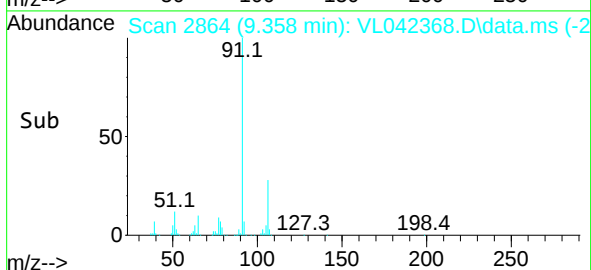
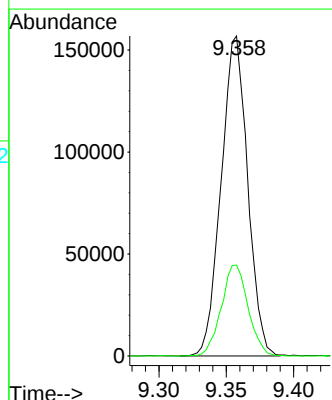
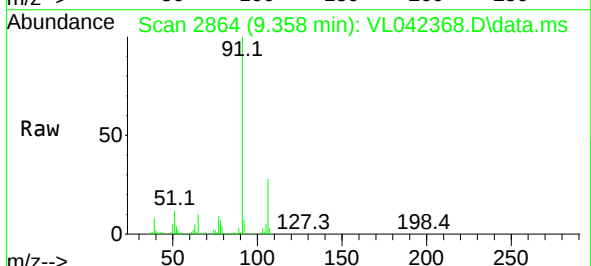
Acq: 17 Apr 2025 21:12

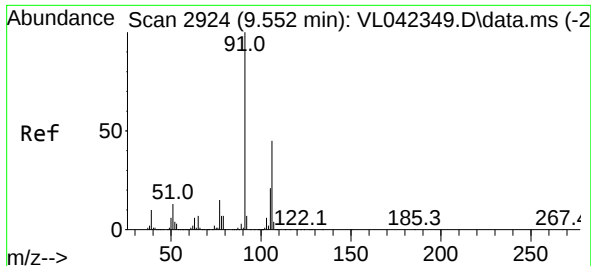
Tgt Ion: 91 Resp: 214751

Ion Ratio Lower Upper

91 100

106 28.4 23.0 34.4





#59

m/p-Xylene

Concen: 12.631 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.019 min

Lab File: VL042368.D

Acq: 17 Apr 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-2-03312025

Tgt Ion: 91 Resp: 599749

Ion Ratio Lower Upper

91 100

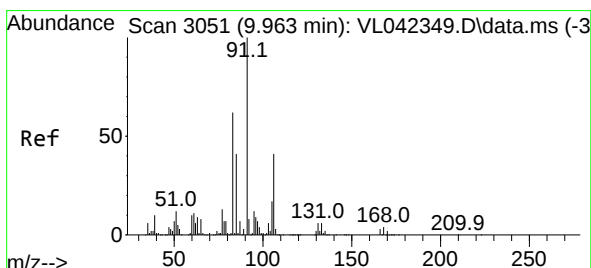
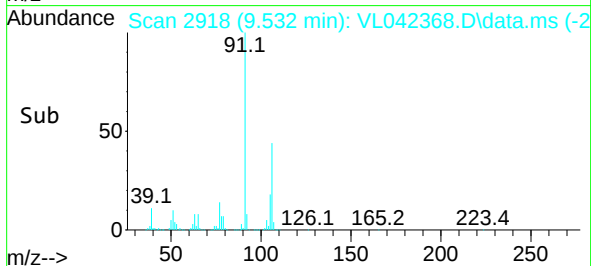
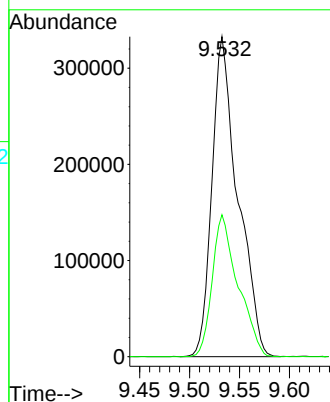
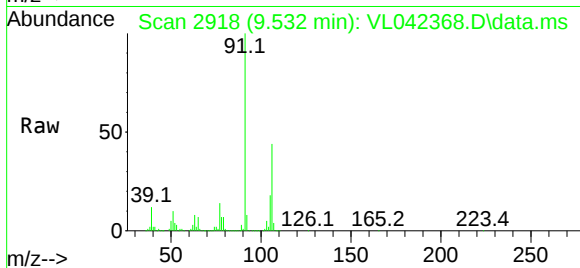
106 44.1 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 4.992 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.004 min

Lab File: VL042368.D

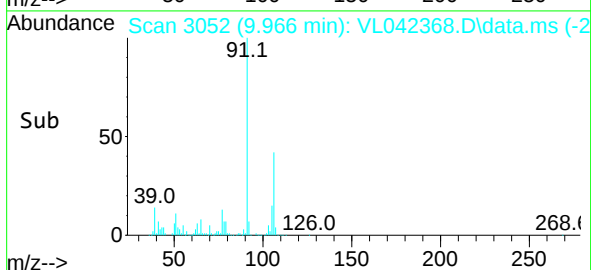
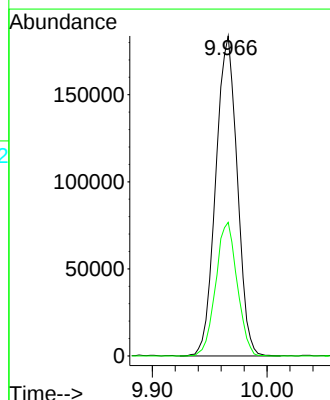
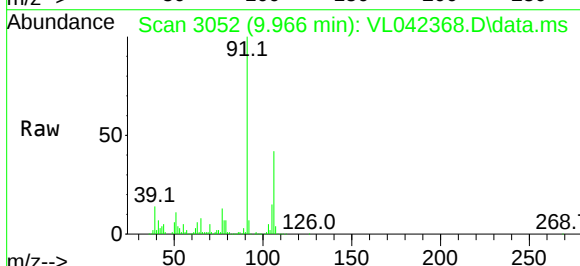
Acq: 17 Apr 2025 21:12

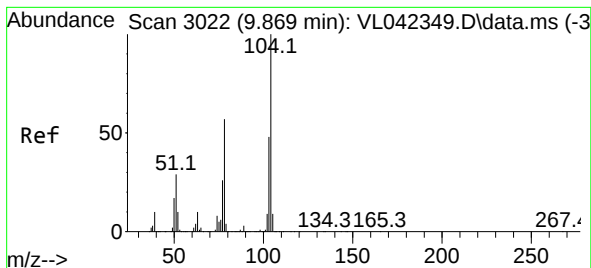
Tgt Ion: 91 Resp: 238681

Ion Ratio Lower Upper

91 100

106 41.8 21.1 63.4





#61

Styrene

Concen: 0.395 ppbv

RT: 9.875 min Scan# 3022

Delta R.T. 0.007 min

Lab File: VL042368.D

Acq: 17 Apr 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

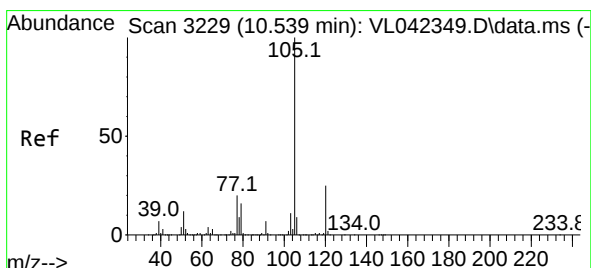
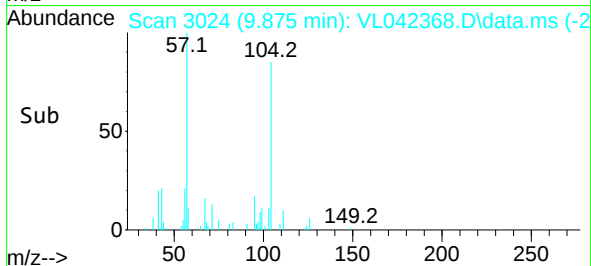
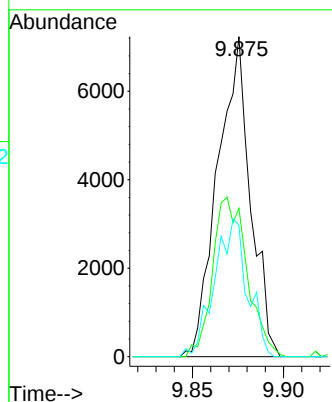
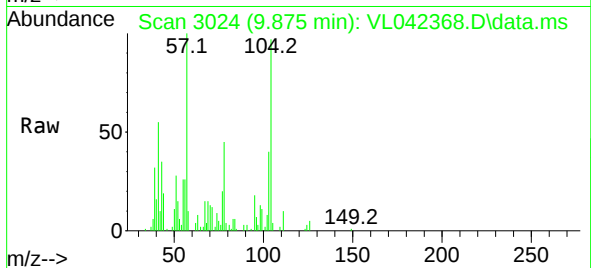
IA-B2-2-03312025

Tgt Ion:	104	Resp:	902
Ion Ratio	Lower	Upper	
104	100		
78	52.5	44.6	66.8
103	43.6	37.4	56.0

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.337 ppbv

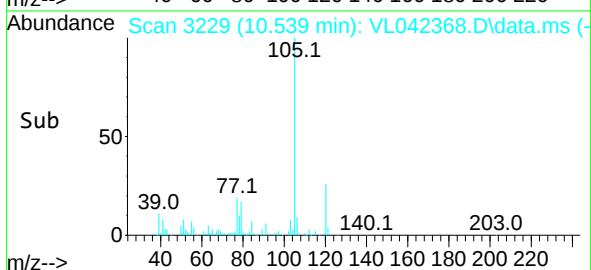
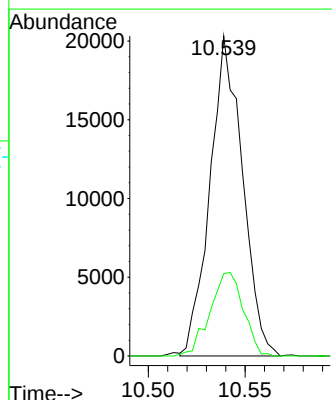
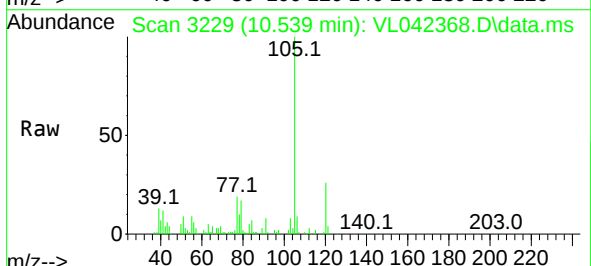
RT: 10.539 min Scan# 3229

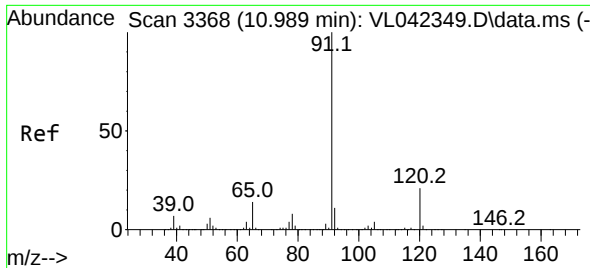
Delta R.T. 0.000 min

Lab File: VL042368.D

Acq: 17 Apr 2025 21:12

Tgt Ion:	105	Resp:	23690
Ion Ratio	Lower	Upper	
105	100		
120	26.8	19.8	29.8





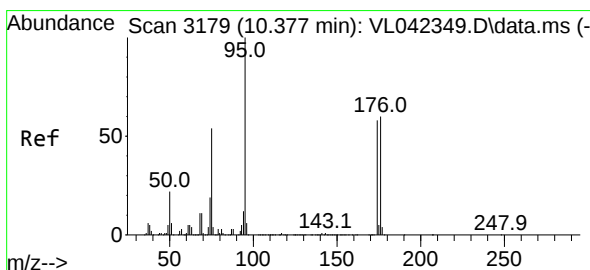
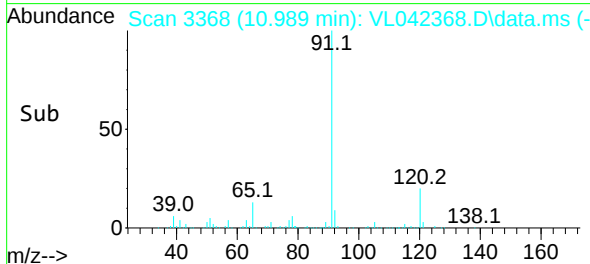
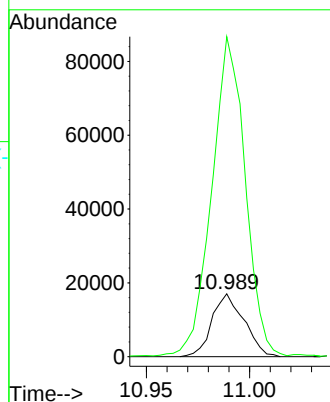
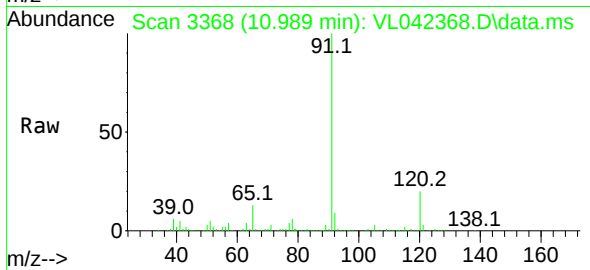
#64
n-propylbenzene
Concen: 1.044 ppbv
RT: 10.989 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025

Tgt Ion:120 Resp: 18420
Ion Ratio Lower Upper
120 100
91 530.0 392.4 588.6

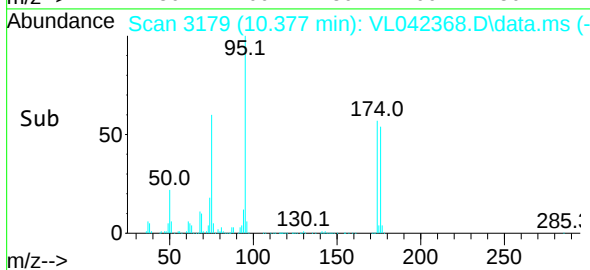
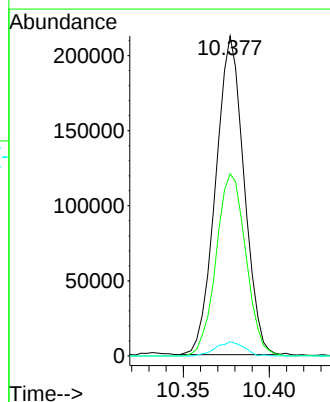
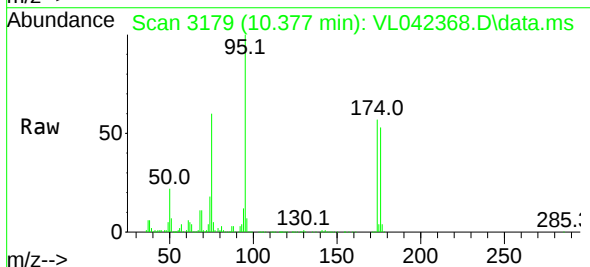
Manual Integrations
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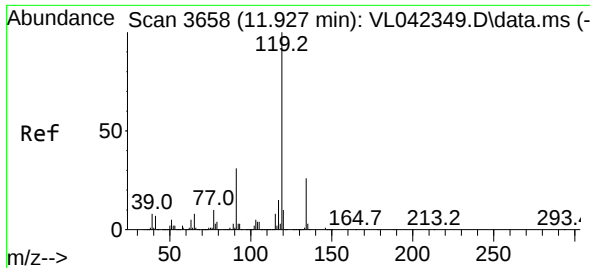
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 9.942 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

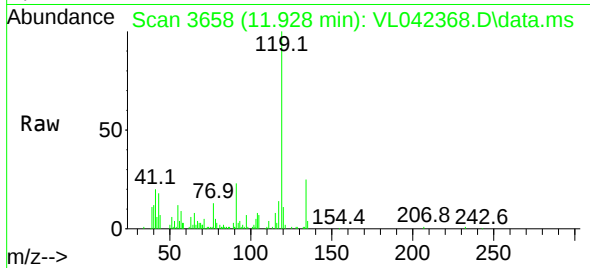
Tgt Ion: 95 Resp: 243044
Ion Ratio Lower Upper
95 100
174 60.1 48.5 72.7
175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.184 ppbv
RT: 11.928 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

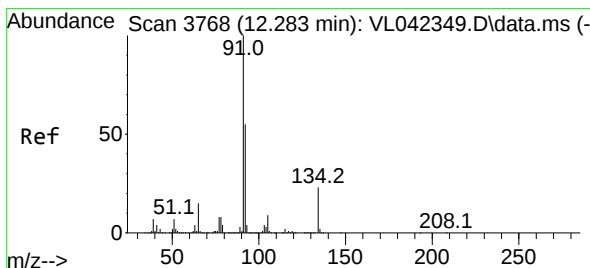
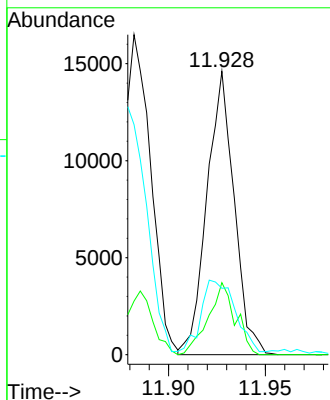
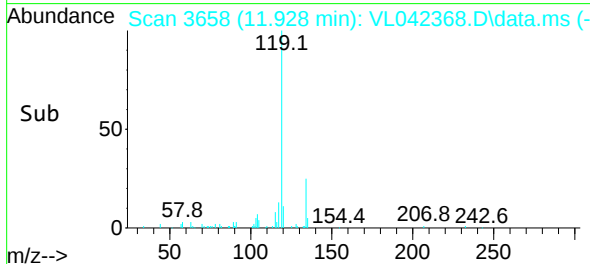
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



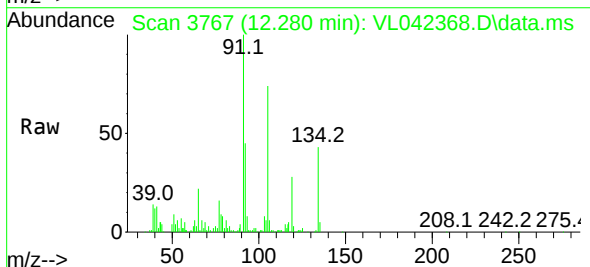
Tgt Ion: 119 Resp: 14319
Ion Ratio Lower Upper
119 100
134 25.4 20.0 30.0
91 34.4 24.4 36.6

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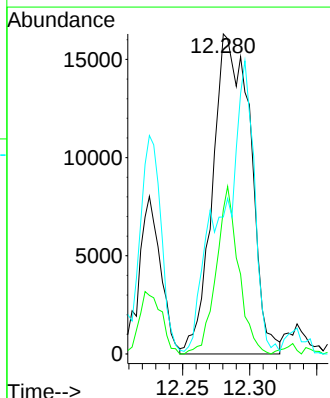
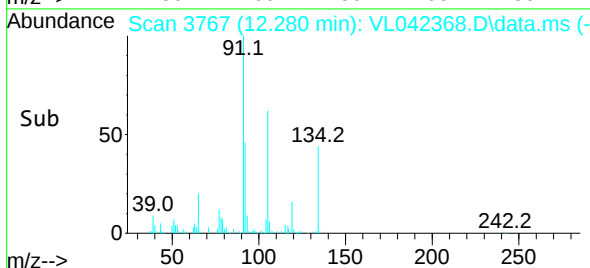
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

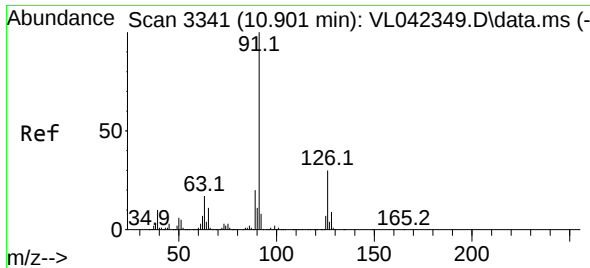


#70
n-Butylbenzene
Concen: 0.391 ppbv m
RT: 12.280 min Scan# 3767
Delta R.T. -0.003 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



Tgt Ion: 91 Resp: 31785
Ion Ratio Lower Upper
91 100
92 31.2 44.2 66.4#
134 0.0 18.2 27.4#





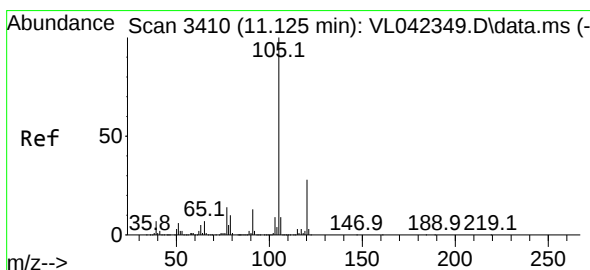
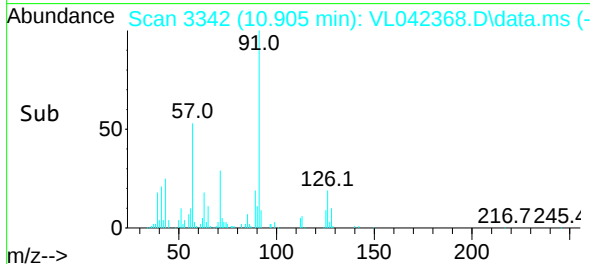
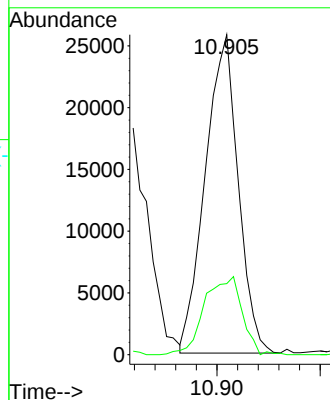
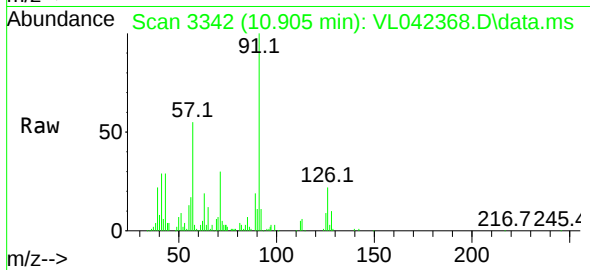
#71
2-Chlorotoluene
Concen: 0.517 ppbv
RT: 10.905 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025

Tgt Ion: 91 Resp: 28490
Ion Ratio Lower Upper
91 100
126 29.0 11.4 45.4

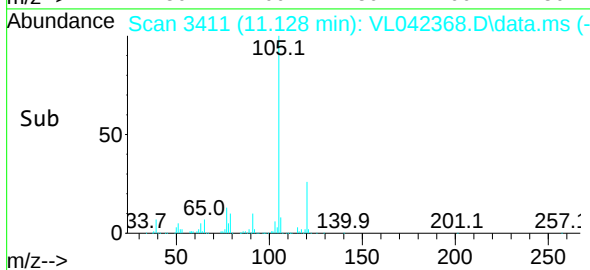
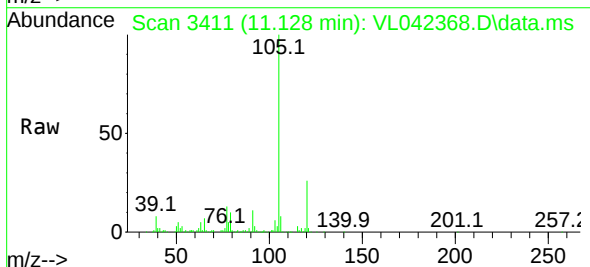
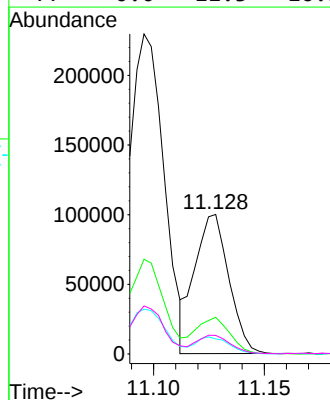
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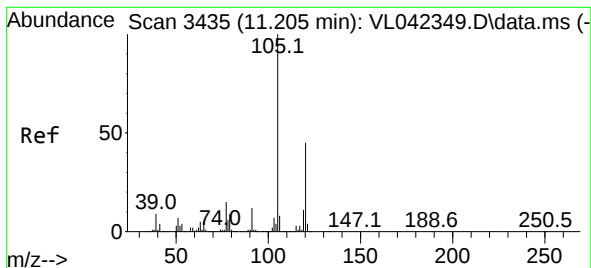
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
4-Ethyltoluene
Concen: 1.839 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Tgt Ion:105 Resp: 107491
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: 2.130 ppbv

RT: 11.206 min Scan# 3435

Delta R.T. 0.000 min

Lab File: VL042368.D

Acq: 17 Apr 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-2-03312025

Tgt Ion:105 Resp: 10990

Ion Ratio Lower Upper

105 100

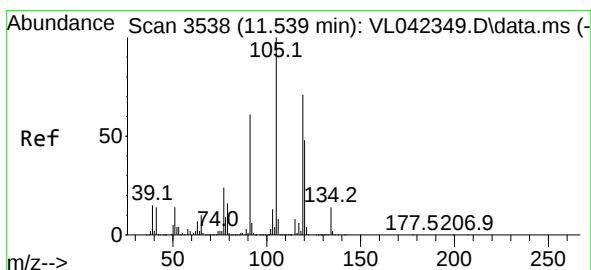
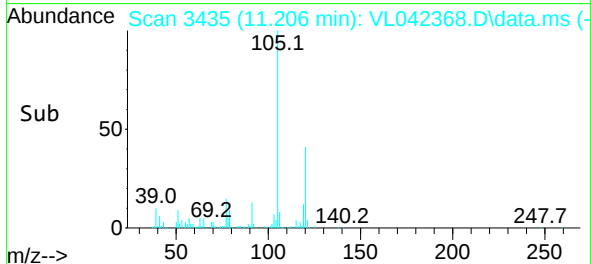
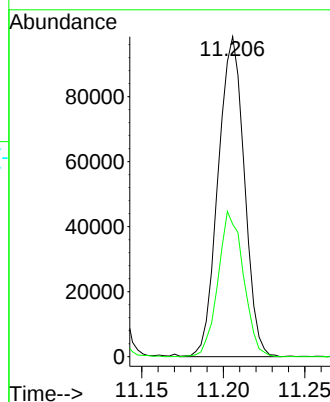
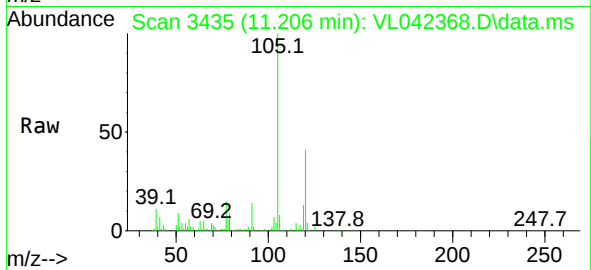
120 41.4 35.6 53.4

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: 5.794 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042368.D

Acq: 17 Apr 2025 21:12

Tgt Ion:105 Resp: 349266

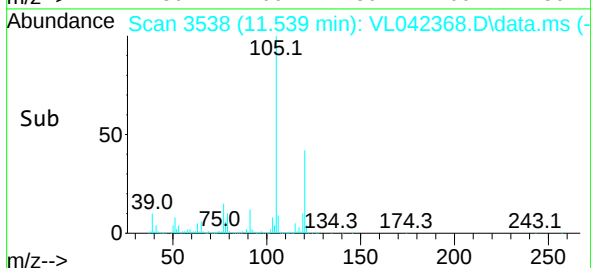
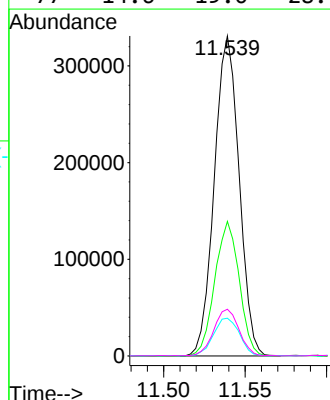
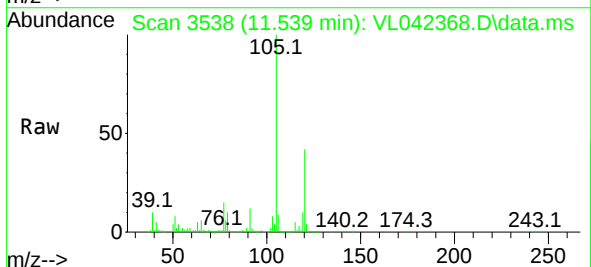
Ion Ratio Lower Upper

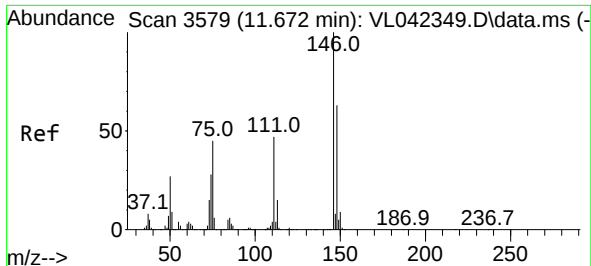
105 100

120 42.1 38.1 57.1

91 11.7 48.8 73.2#

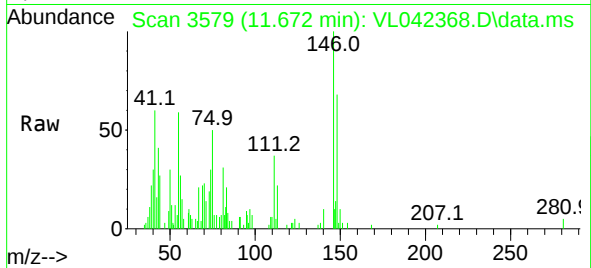
77 14.6 19.0 28.4#





#76
1,4-Dichlorobenzene
Concen: 0.103 ppbv
RT: 11.672 min Scan# 3579
Delta R.T. 0.000 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

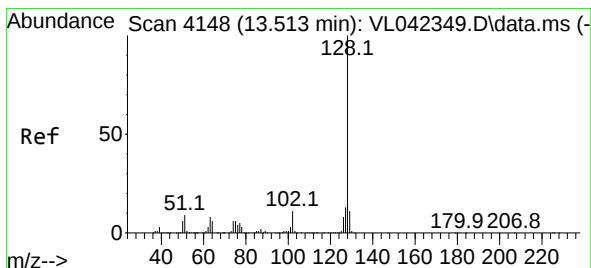
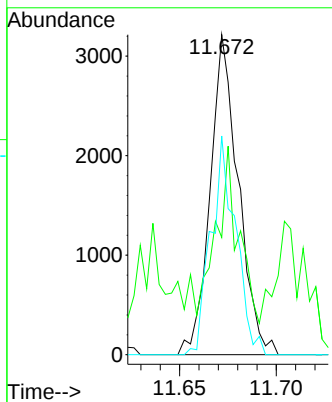
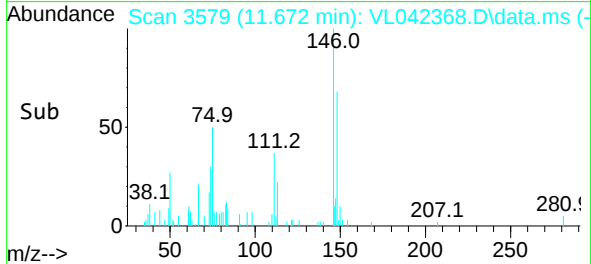
Instrument : MSVOA_L
ClientSampleId : IA-B2-2-03312025



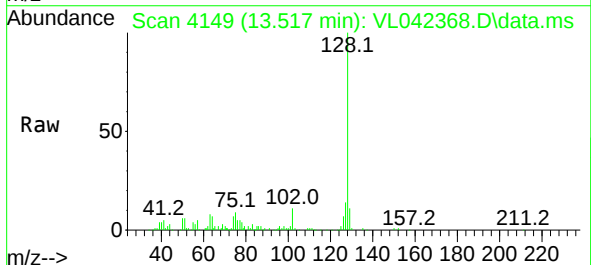
Tgt Ion:146 Resp: 325
Ion Ratio Lower Upper
146 100
111 41.6 24.2 72.6
148 60.1 32.1 96.5

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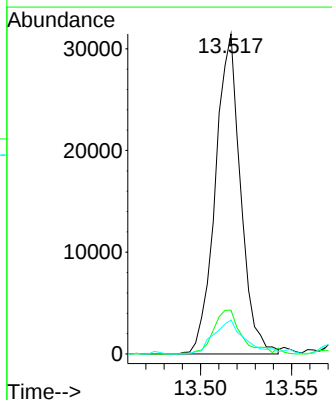
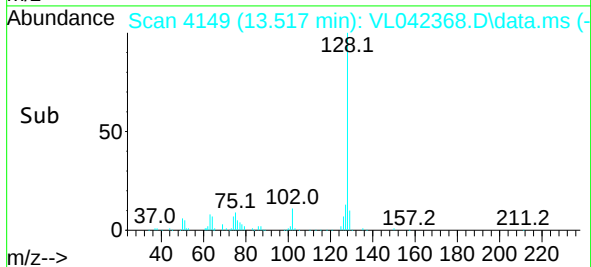
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

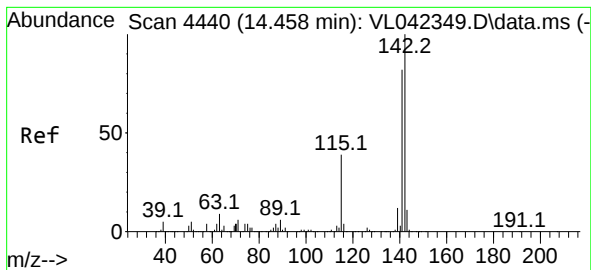


#79
Naphthalene
Concen: 0.420 ppbv
RT: 13.517 min Scan# 4149
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12



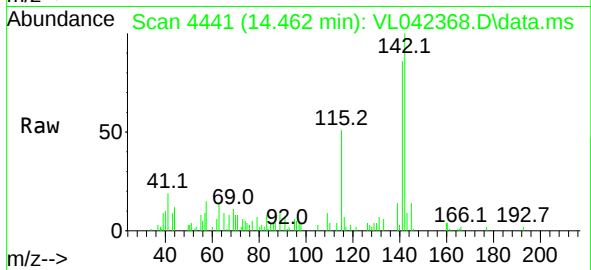
Tgt Ion:128 Resp: 30244
Ion Ratio Lower Upper
128 100
127 13.7 10.6 15.8
129 10.6 8.6 12.8





#80
Naphthalene, 2-methyl-
Concen: 0.166 ppbv m
RT: 14.462 min Scan# 44
Delta R.T. 0.004 min
Lab File: VL042368.D
Acq: 17 Apr 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-2-03312025



Tgt Ion:142 Resp: 683
Ion Ratio Lower Upper
142 100
141 50.4 66.8 100.2
115 28.3 33.4 50.2

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

