

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042369.D
 Acq On : 17 Apr 2025 21:45
 Operator : SY/MD
 Sample : Q1726-04
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-5-03312025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:44:30 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

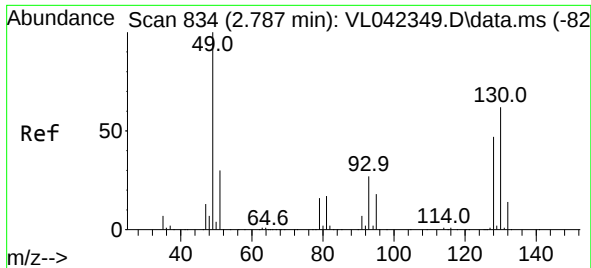
QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

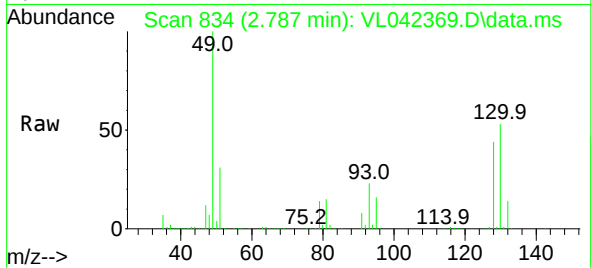
Internal Standards						
1) Bromochloromethane	2.787	49	115766	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	331154	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	288378	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	233305	9.845	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	9802	0.479	ppbv	95
3) Chlorodifluoromethane	1.473	51	5213m	0.268	ppbv	
4) Chloromethane	1.534	50	5300	0.655	ppbv #	81
9) Propene	1.486	41	23207m	2.616	ppbv	
10) Heptane	4.978	43	213280	8.559	ppbv	95
11) Trichlorofluoromethane	1.877	101	4337	0.223	ppbv	92
13) Ethanol	1.722	45	387433	274.810	ppbv	76
15) Acetone	1.835	43	2882826	152.118	ppbv #	50
17) tert-Butyl alcohol	2.046	59	15500m	0.660	ppbv	
19) Isopropyl Alcohol	1.887	45	311784	29.616	ppbv #	33
20) Methylene Chloride	2.062	84	21493	2.896	ppbv	95
26) Hexane	2.826	57	104975	5.551	ppbv #	36
30) Cyclohexane	3.855	84	32446	2.123	ppbv	89
34) 2-Butanone	2.560	43	31500	1.203	ppbv	99
35) Carbon Tetrachloride	3.771	117	2190m	0.073	ppbv	
36) Benzene	3.658	78	67666	1.894	ppbv	98
44) 2,2,4-Trimethylpentane	4.641	57	1192538	19.331	ppbv	95
52) Tetrachloroethene	8.234	164	1929m	0.140	ppbv	
53) Toluene	6.933	91	2204506	51.432	ppbv	99
58) Ethyl Benzene	9.354	91	646931	11.323	ppbv	100
59) m/p-Xylene	9.532	91	1789840	38.886	ppbv	100
60) o-Xylene	9.963	91	709518	15.308	ppbv	99
61) Styrene	9.869	104	8504	0.384	ppbv #	91
62) Isopropylbenzene	10.539	105	67289	0.989	ppbv	100
64) n-propylbenzene	10.989	120	58634	3.428	ppbv	95
67) sec-Butylbenzene	11.769	105	20996	0.241	ppbv #	77
69) p-Isopropyltoluene	11.924	119	33273	0.440	ppbv	98
70) n-Butylbenzene	12.286	91	102145	1.298	ppbv #	35
71) 2-Chlorotoluene	10.901	91	54169	1.015	ppbv	97
72) 4-Ethyltoluene	11.124	105	313941	5.540	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	354735	7.091	ppbv	100
74) 1,2,4-Trimethylbenzene	11.539	105	1151476	19.707	ppbv #	65
76) 1,4-Dichlorobenzene	11.671	146	10434	0.342	ppbv #	50
79) Naphthalene	13.513	128	166277	2.380	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	50980	1.280	ppbv	96

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

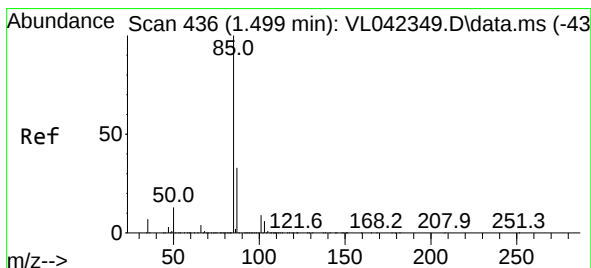
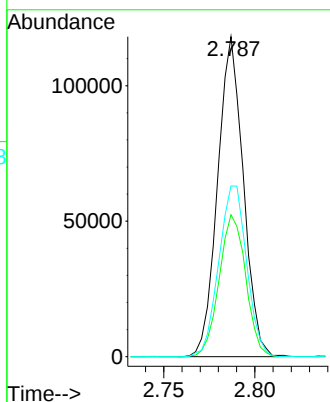
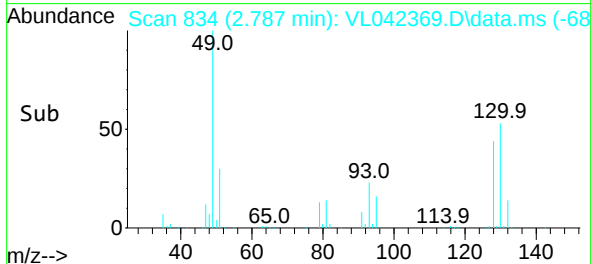
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025



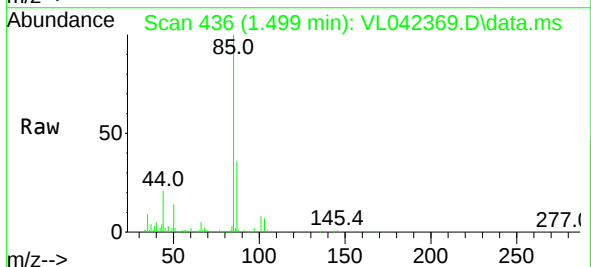
Tgt Ion: 49 Resp: 115760
Ion Ratio Lower Upper
49 100
128 45.8 22.8 68.4
130 58.0 29.3 88.0

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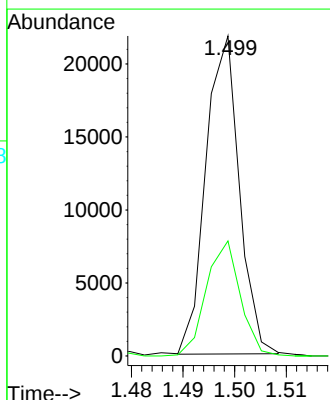
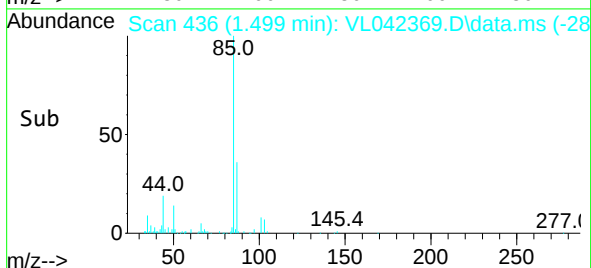
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

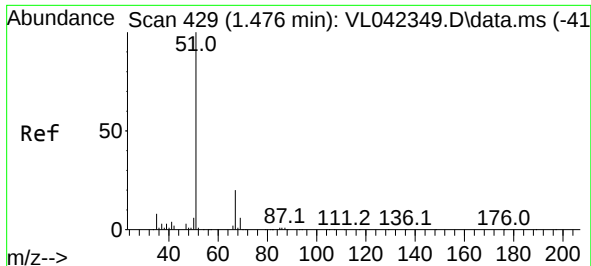


#2
Dichlorodifluoromethane
Concen: 0.479 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



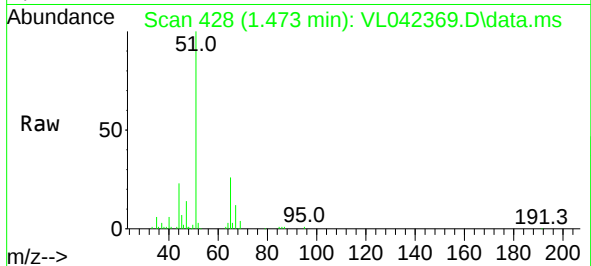
Tgt Ion: 85 Resp: 9802
Ion Ratio Lower Upper
85 100
87 35.9 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.268 ppbv m
RT: 1.473 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

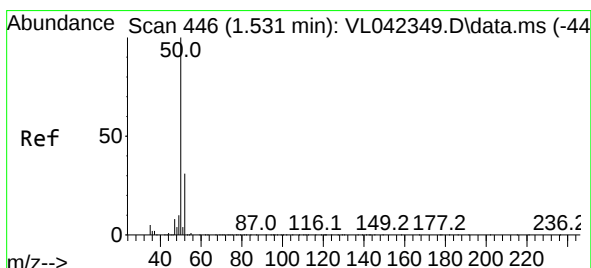
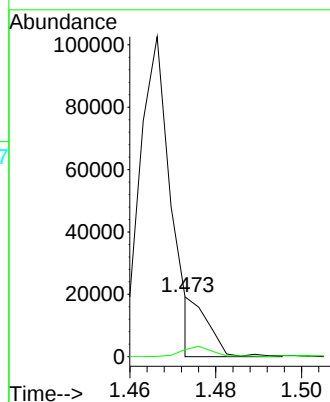
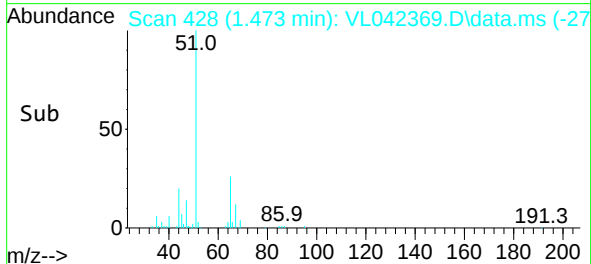
Instrument :
MSVOA_L
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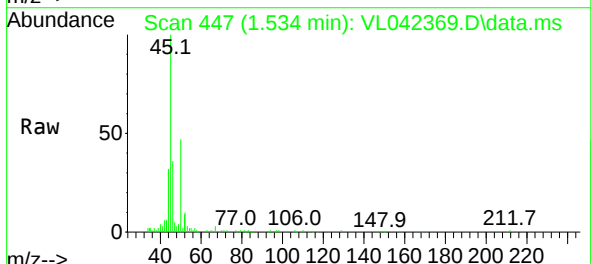
Tgt Ion: 51 Resp: 521
Ion Ratio Lower Upper
51 100
67 32.0 16.2 24.4

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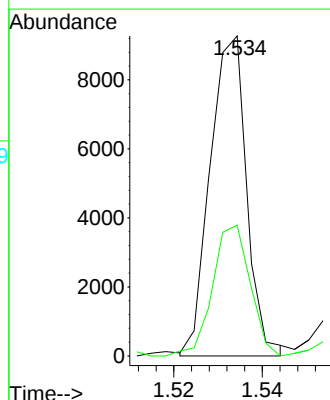
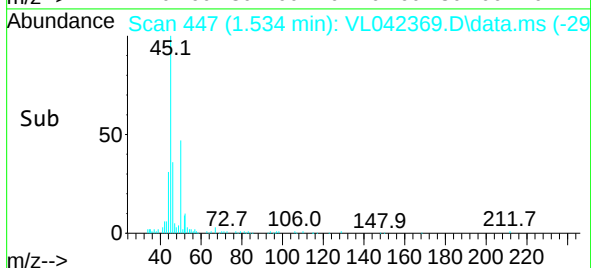
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

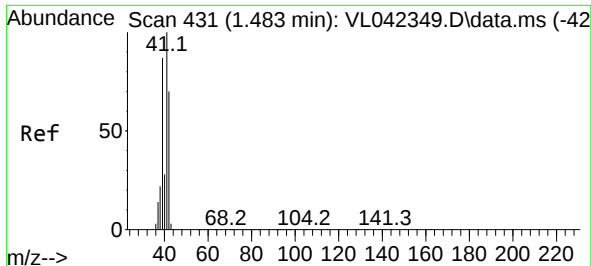


#4
Chloromethane
Concen: 0.655 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



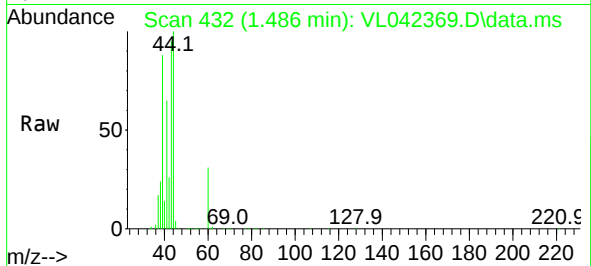
Tgt Ion: 50 Resp: 5300
Ion Ratio Lower Upper
50 100
52 41.3 24.7 37.1





#9
 Propene
 Concen: 2.616 ppbv m
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042369.D
 Acq: 17 Apr 2025 21:45

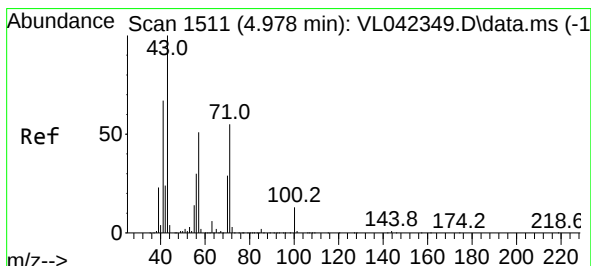
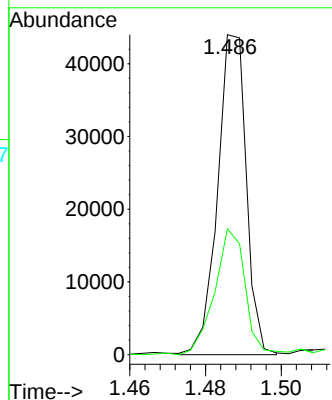
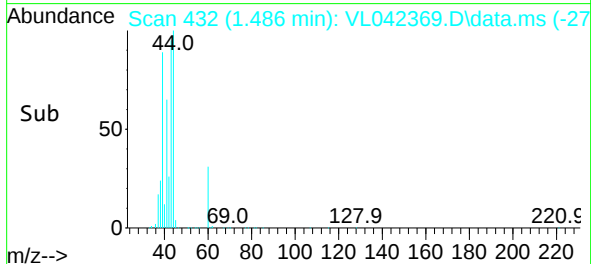
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-5-03312025



Tgt Ion: 41 Resp: 2320
 Ion Ratio Lower Upper
 41 100
 42 243.7 56.2 84.4

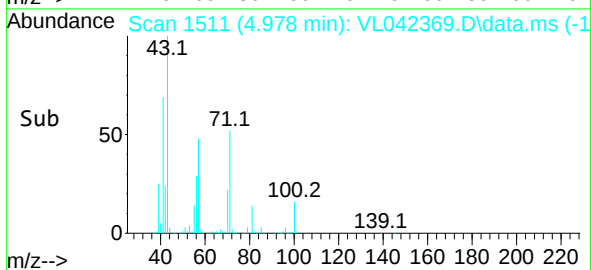
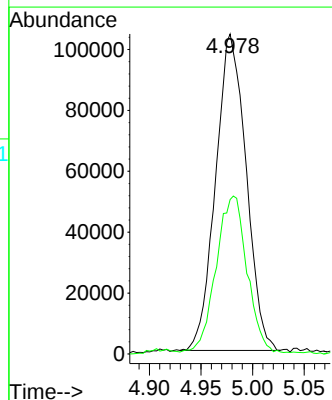
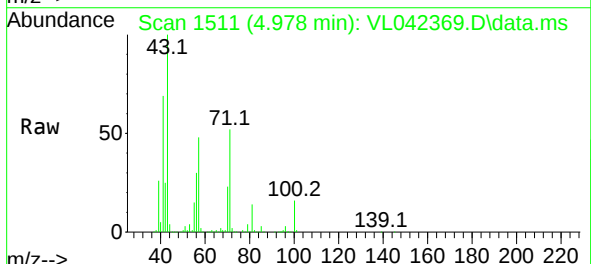
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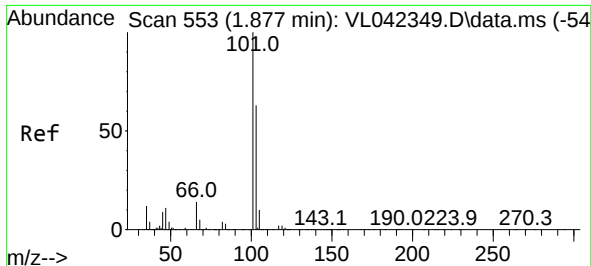
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 8.559 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VL042369.D
 Acq: 17 Apr 2025 21:45

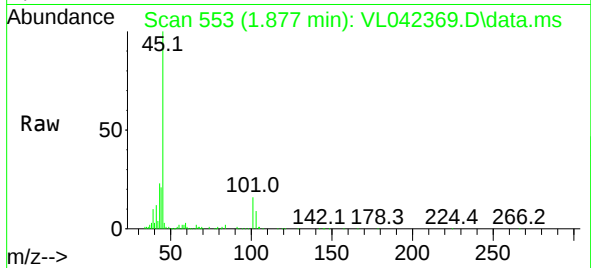
Tgt Ion: 43 Resp: 213280
 Ion Ratio Lower Upper
 43 100
 57 53.1 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.223 ppbv
RT: 1.877 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

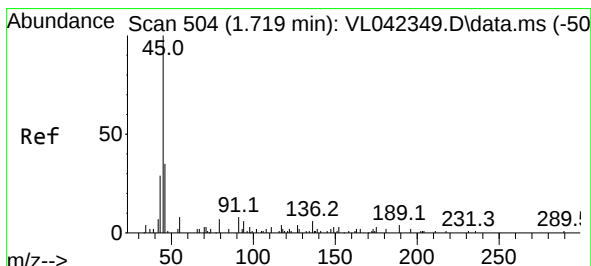
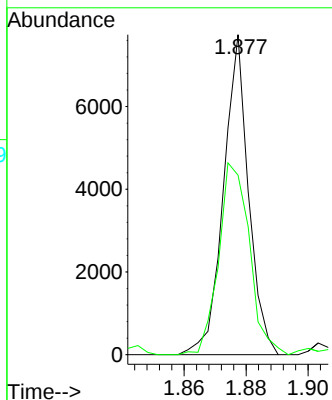
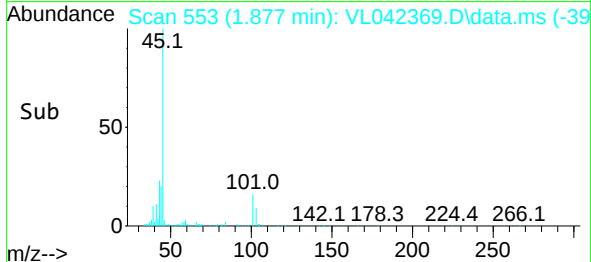
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025



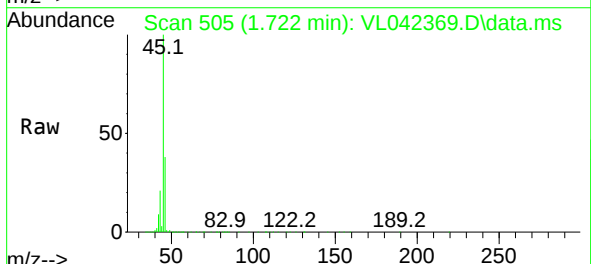
Tgt Ion:101 Resp: 433
Ion Ratio Lower Upper
101 100
103 56.1 50.1 75.1

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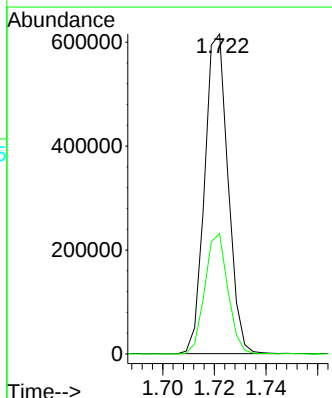
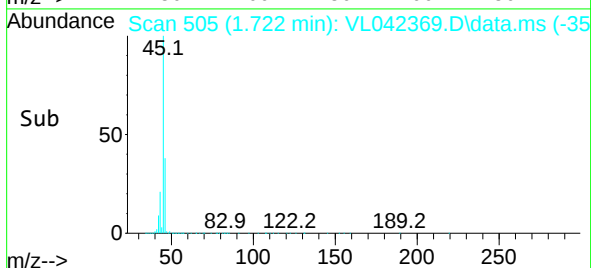
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

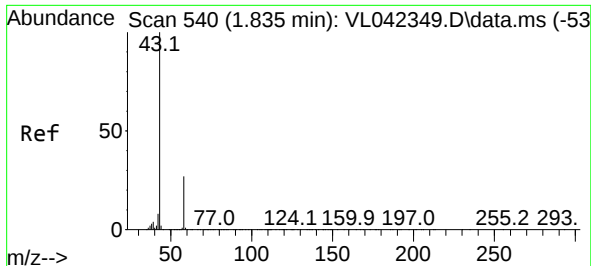


#13
Ethanol
Concen: 274.810 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



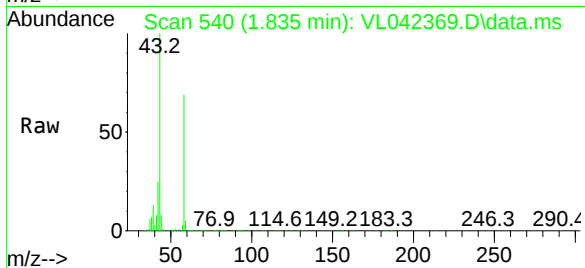
Tgt Ion: 45 Resp: 387433
Ion Ratio Lower Upper
45 100
46 37.4 21.9 87.7





#15
Acetone
Concen: 152.118 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

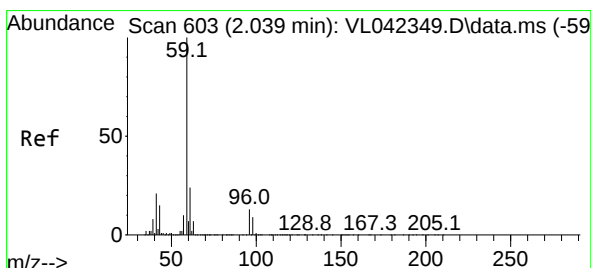
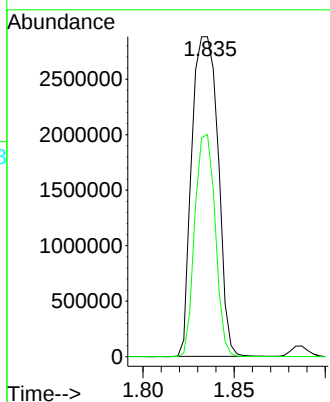
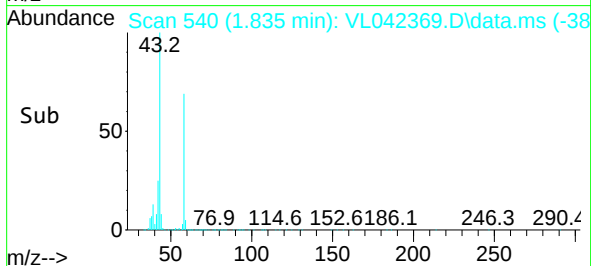
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025



Tgt Ion: 43 Resp: 2882820
Ion Ratio Lower Upper
43 100
58 54.3 22.4 33.6

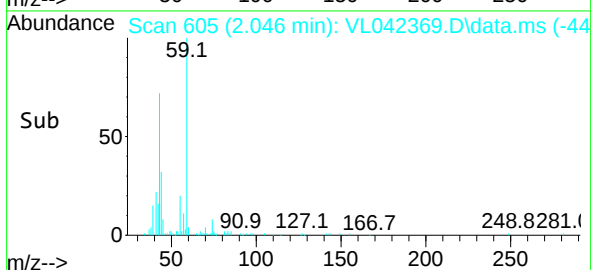
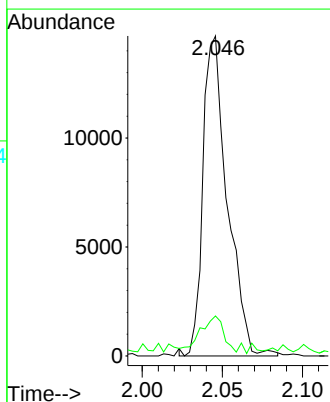
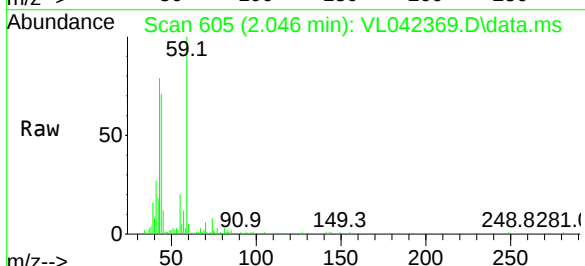
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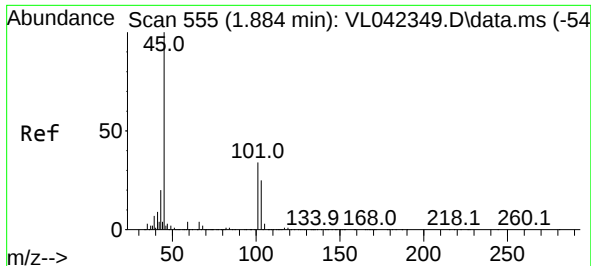
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#17
tert-Butyl alcohol
Concen: 0.660 ppbv m
RT: 2.046 min Scan# 605
Delta R.T. 0.006 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Tgt Ion: 59 Resp: 15500
Ion Ratio Lower Upper
59 100
57 29.9 8.7 13.1





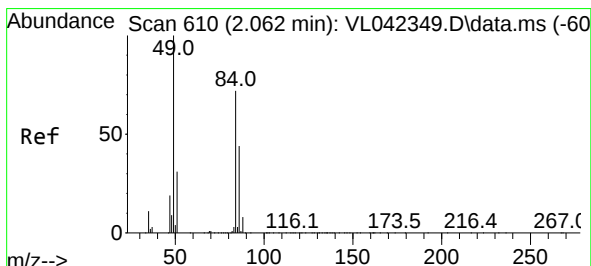
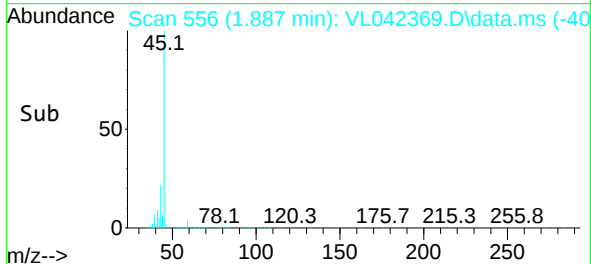
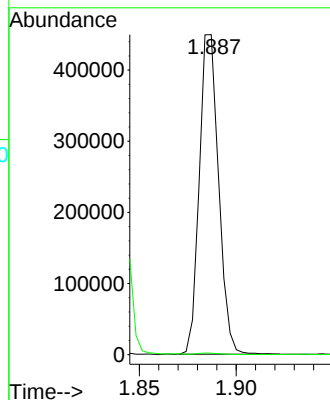
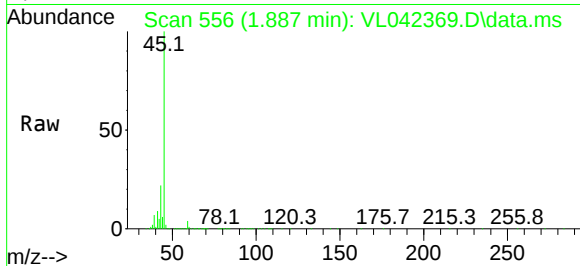
#19
Isopropyl Alcohol
Concen: 29.616 ppbv
RT: 1.887 min Scan# 517
Delta R.T. 0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025

Tgt Ion: 45 Resp: 311784
Ion Ratio Lower Upper
45 100
58 0.0 34.5 51.7

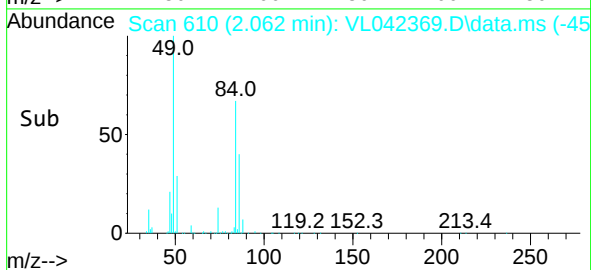
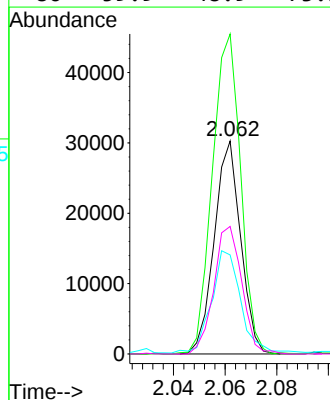
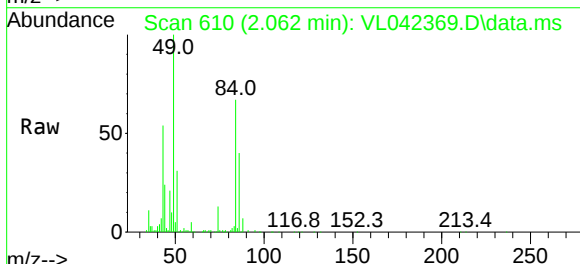
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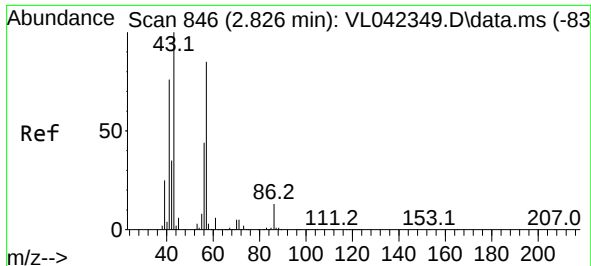
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#20
Methylene Chloride
Concen: 2.896 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

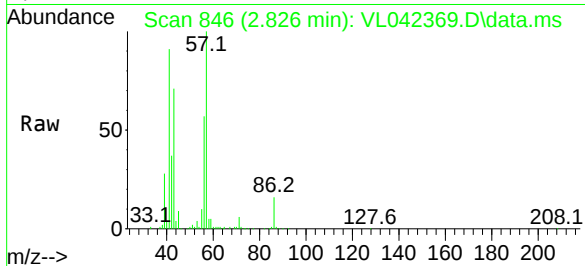
Tgt Ion: 84 Resp: 21493
Ion Ratio Lower Upper
84 100
49 149.6 111.6 167.4
51 45.0 35.1 52.7
86 59.9 48.9 73.3





#26
Hexane
Concen: 5.551 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

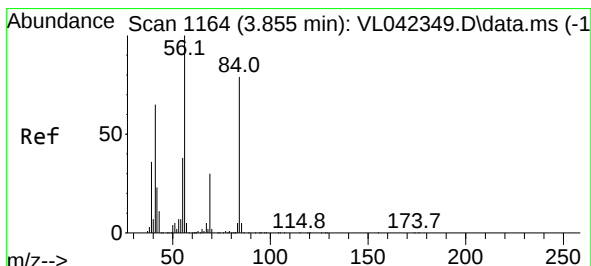
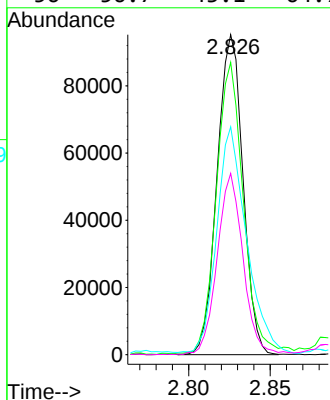
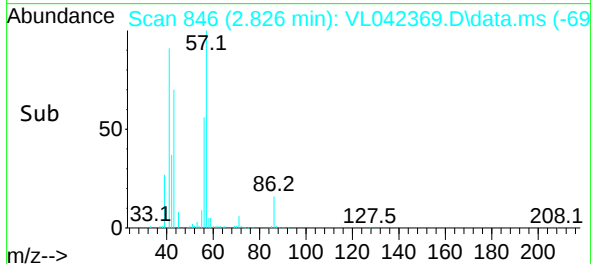
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



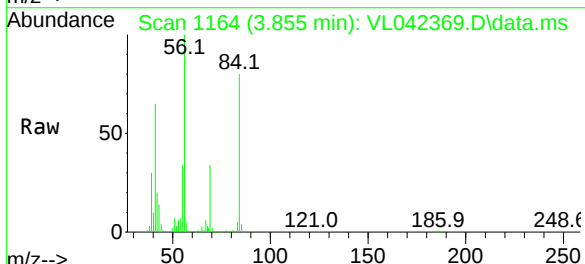
Tgt Ion: 57 Resp: 104979
Ion Ratio Lower Upper
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41 96.7 77.9 116.9
43 80.2 208.4 312.6
56 56.7 43.1 64.7

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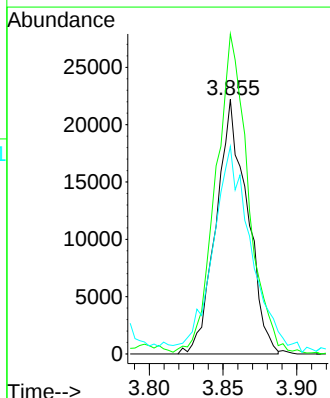
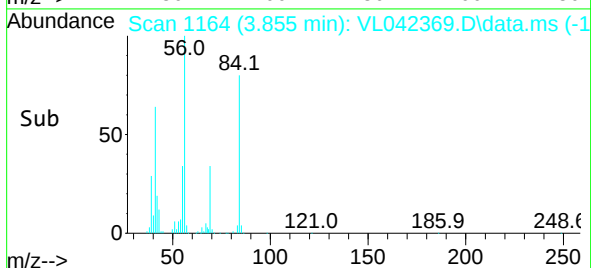
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

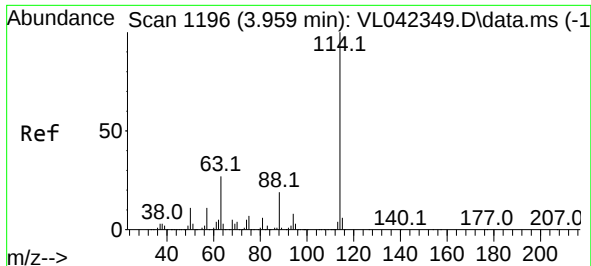


#30
Cyclohexane
Concen: 2.123 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



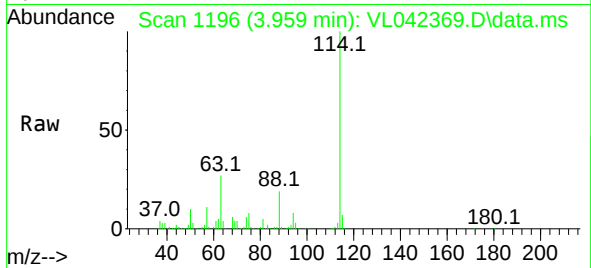
Tgt Ion: 84 Resp: 32446
Ion Ratio Lower Upper
84 100
56 132.7 101.0 151.4
41 100.9 67.4 101.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

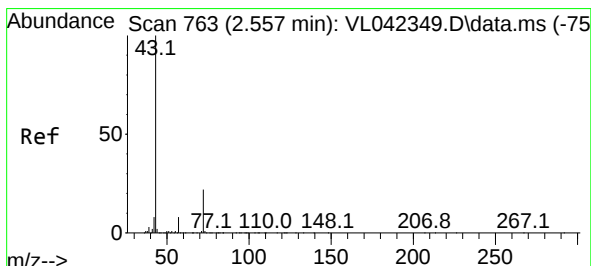
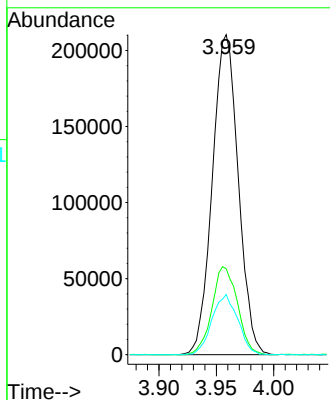
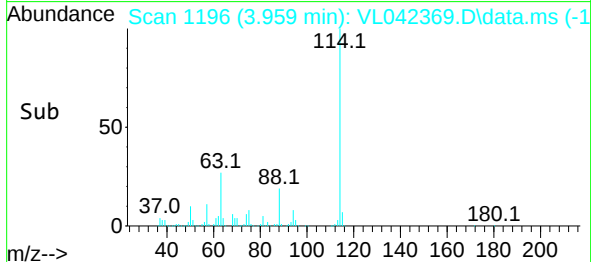
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



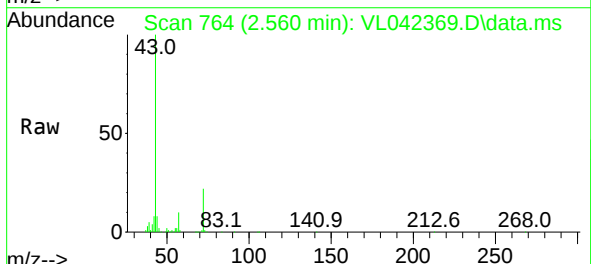
Tgt Ion:114 Resp: 331154
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.6
88 18.8 15.5 23.3

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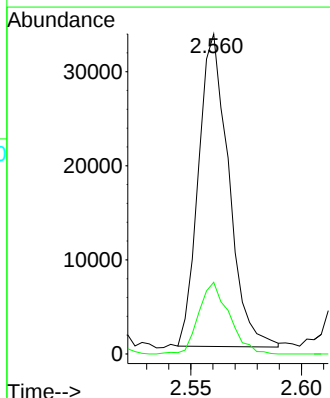
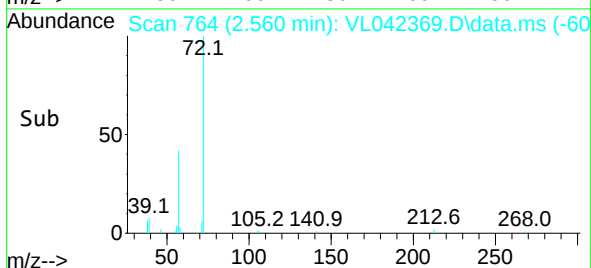
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

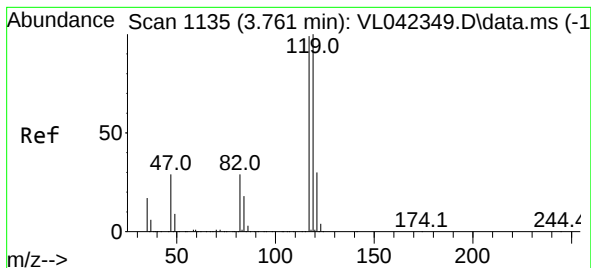


#34
2-Butanone
Concen: 1.203 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



Tgt Ion: 43 Resp: 31500
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.073 ppbv

RT: 3.771 min Scan# 1135

Delta R.T. 0.010 min

Lab File: VL042369.D

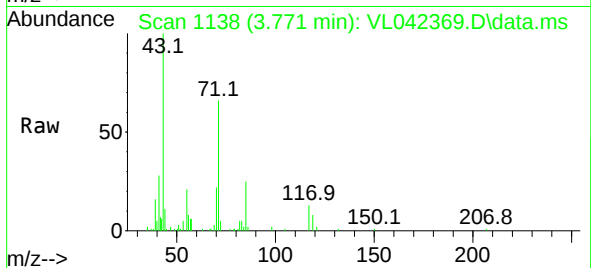
Acq: 17 Apr 2025 21:45

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-5-03312025



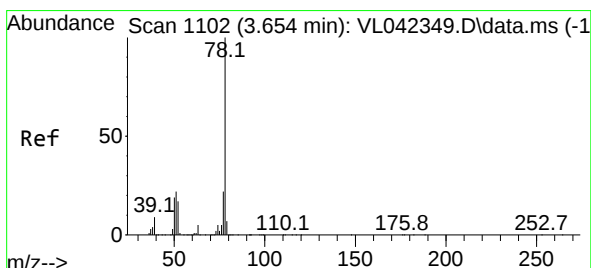
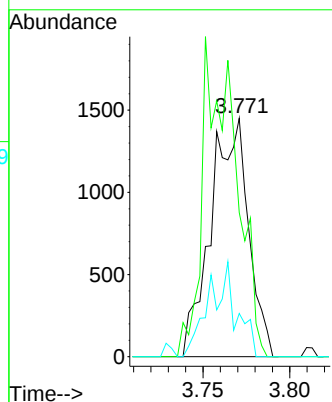
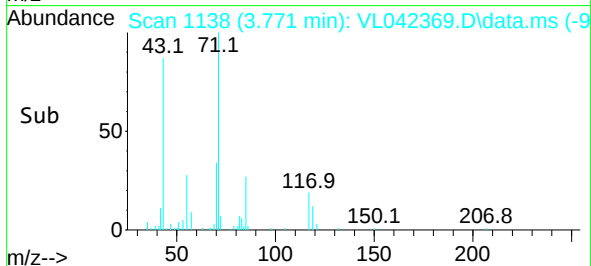
Tgt Ion	Ratio	Lower	Upper
117	100		
119	60.4	80.5	120.7
121	18.1	24.2	36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#36

Benzene

Concen: 1.894 ppbv

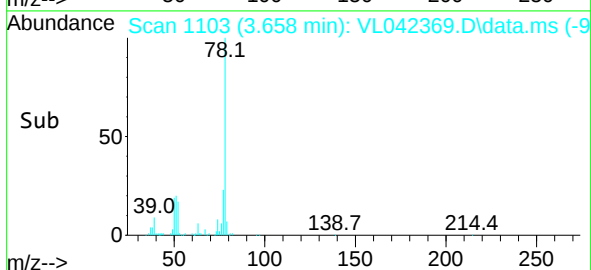
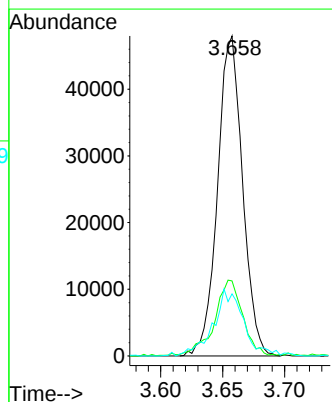
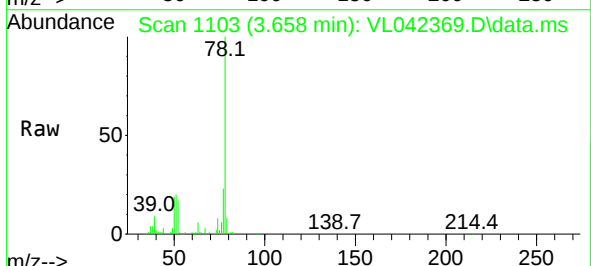
RT: 3.658 min Scan# 1103

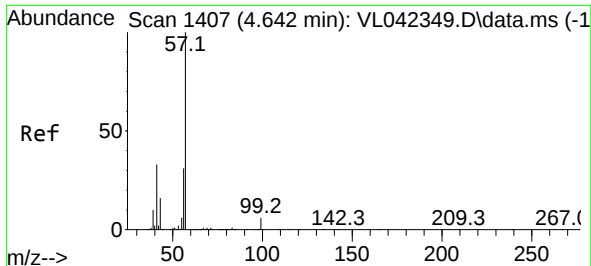
Delta R.T. 0.003 min

Lab File: VL042369.D

Acq: 17 Apr 2025 21:45

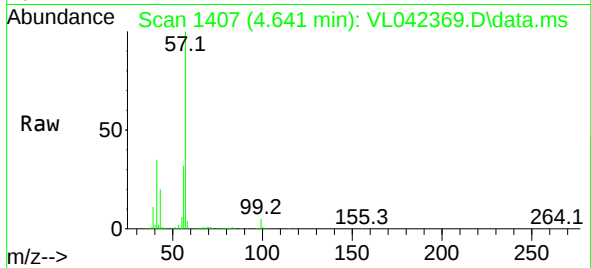
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.4	26.0
50	19.1	15.5	23.3





#44
2,2,4-Trimethylpentane
Concen: 19.331 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

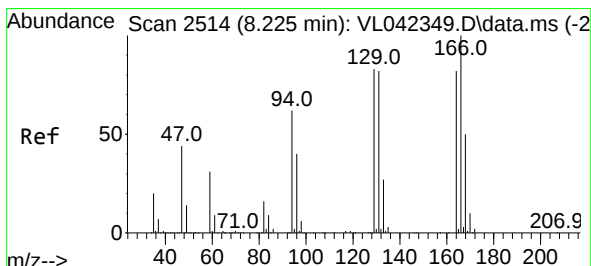
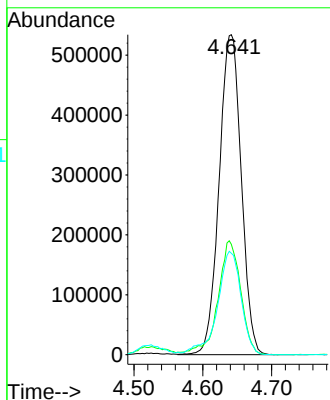
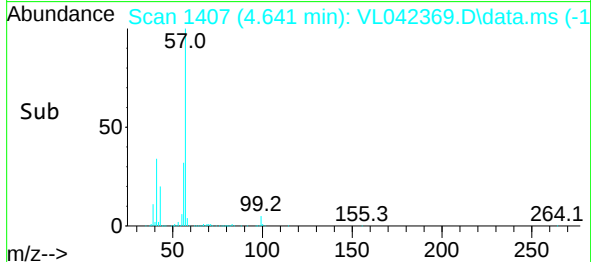
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



Tgt Ion: 57 Resp: 1192538
Ion Ratio Lower Upper
57 100
41 36.7 27.2 40.8
56 34.7 25.7 38.5

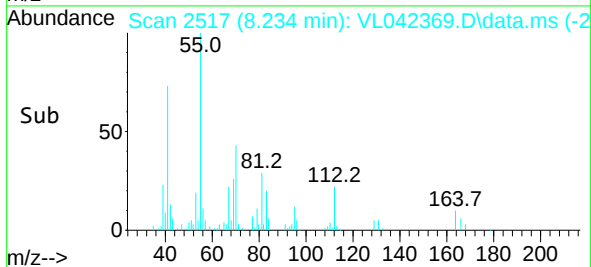
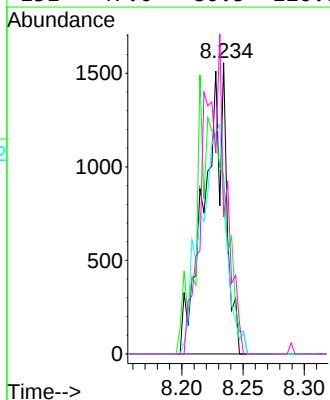
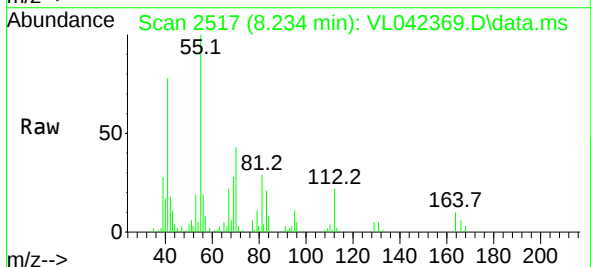
Manual Integrations
APPROVED

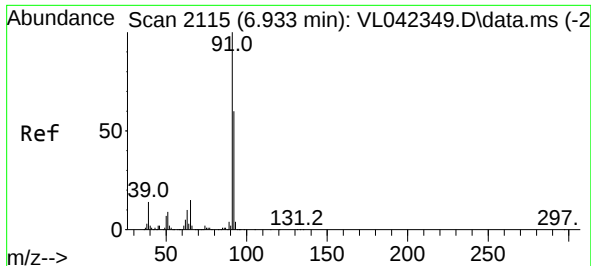
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#52
Tetrachloroethene
Concen: 0.140 ppbv m
RT: 8.234 min Scan# 2517
Delta R.T. 0.010 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

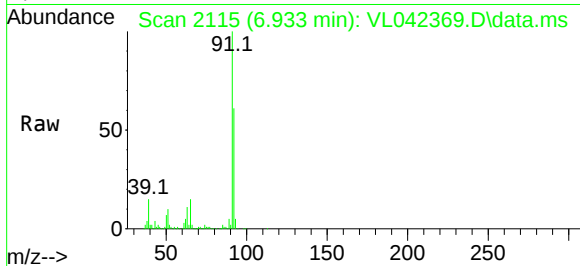
Tgt Ion:164 Resp: 1929
Ion Ratio Lower Upper
164 100
166 61.6 98.2 147.2#
129 51.0 81.8 122.8#
131 47.0 80.5 120.7#





#53
Toluene
Concen: 51.432 ppbv
RT: 6.933 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

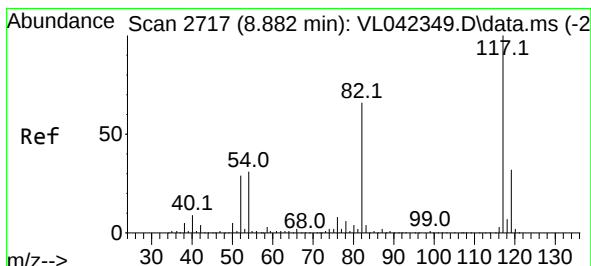
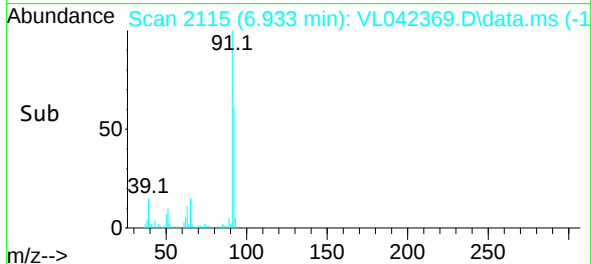
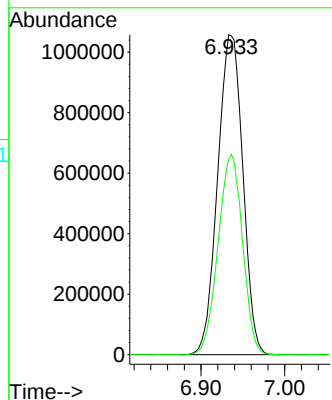
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



Tgt Ion: 91 Resp: 2204500
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4

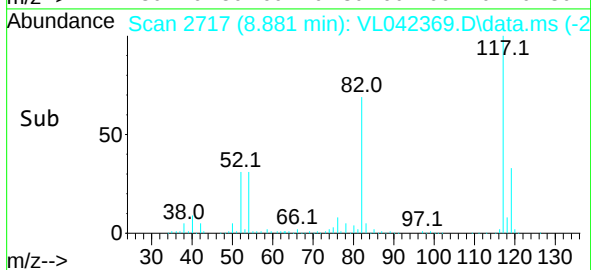
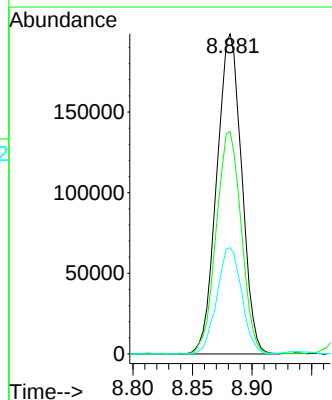
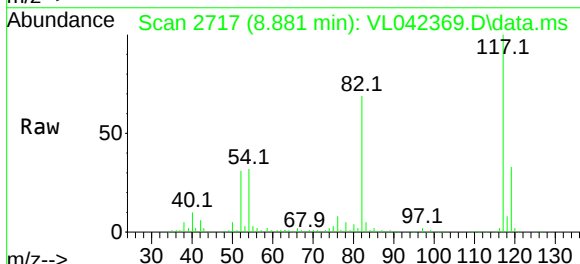
Manual Integrations
APPROVED

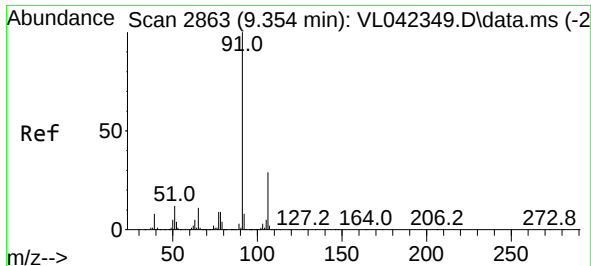
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.881 min Scan# 2717
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

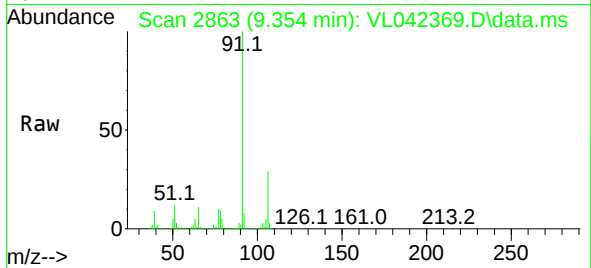
Tgt Ion:117 Resp: 288378
Ion Ratio Lower Upper
117 100
82 70.2 57.8 86.6
119 33.2 25.2 37.8





#58
Ethyl Benzene
Concen: 11.323 ppbv
RT: 9.354 min Scan# 2188
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

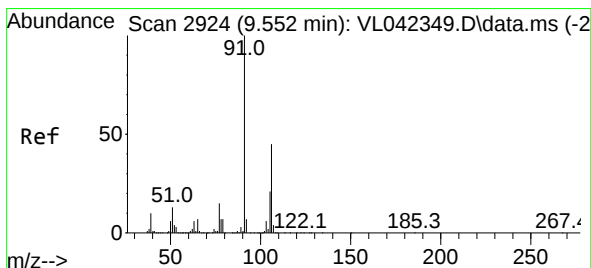
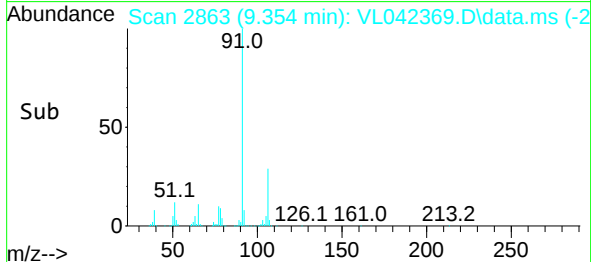
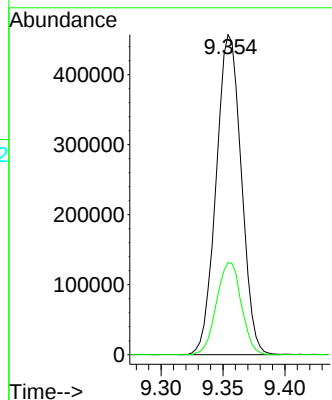
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



Tgt Ion: 91 Resp: 64693
Ion Ratio Lower Upper
91 100
106 28.8 23.0 34.4

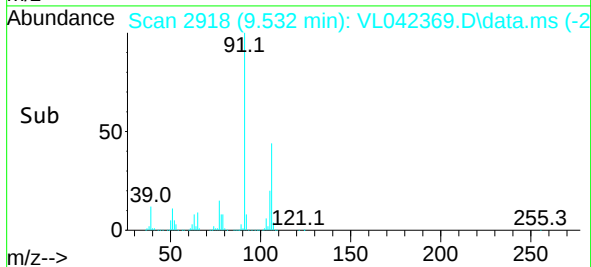
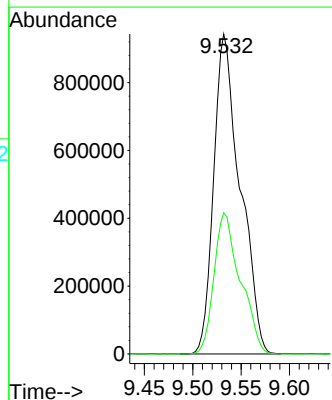
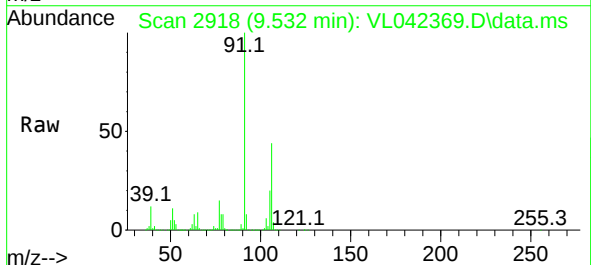
Manual Integrations
APPROVED

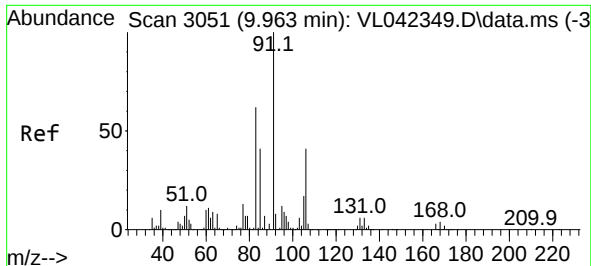
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#59
m/p-Xylene
Concen: 38.886 ppbv
RT: 9.532 min Scan# 2918
Delta R.T. -0.019 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

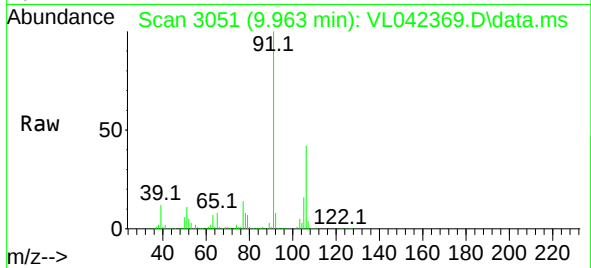
Tgt Ion: 91 Resp: 1789840
Ion Ratio Lower Upper
91 100
106 44.0 35.4 53.2





#60
o-Xylene
Concen: 15.308 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

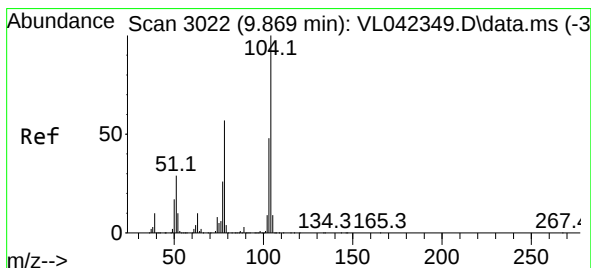
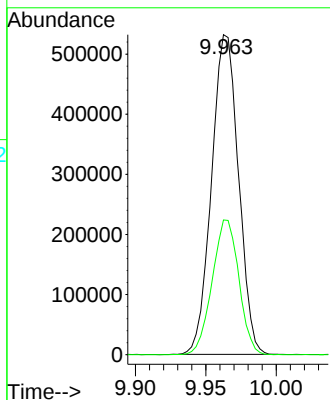
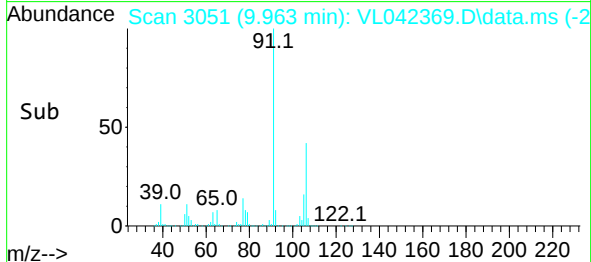
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



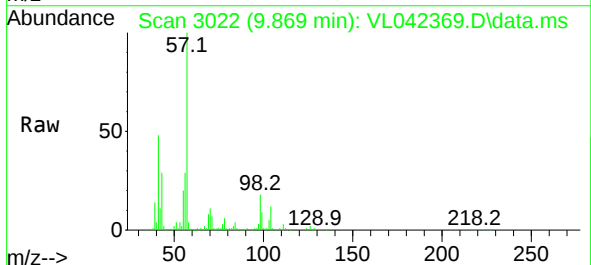
Tgt Ion: 91 Resp: 709518
Ion Ratio Lower Upper
91 100
106 41.7 21.1 63.4

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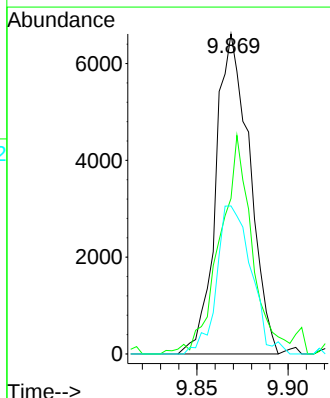
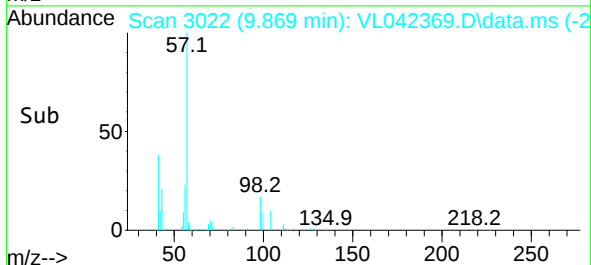
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

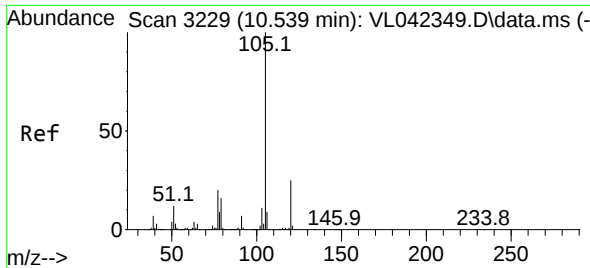


#61
Styrene
Concen: 0.384 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



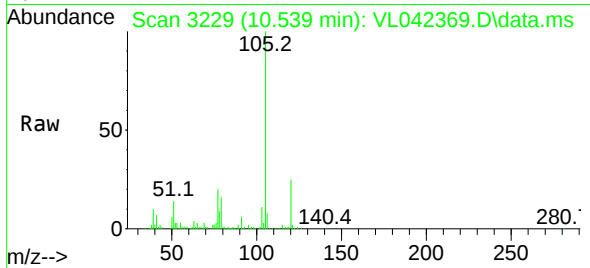
Tgt Ion:104 Resp: 8504
Ion Ratio Lower Upper
104 100
78 67.3 44.6 66.8#
103 47.5 37.4 56.0





#62
Isopropylbenzene
Concen: 0.989 ppbv
RT: 10.539 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

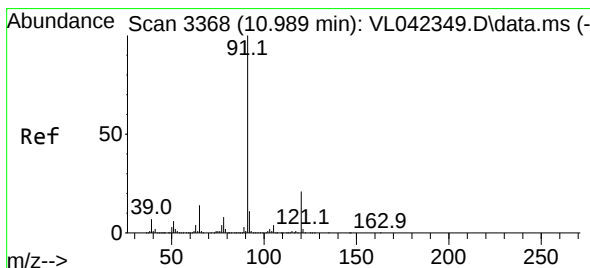
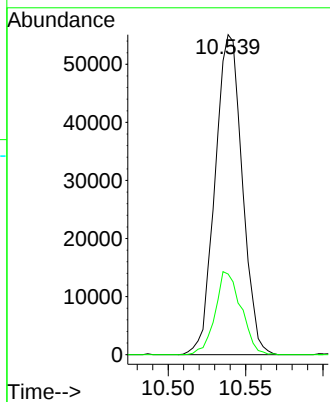
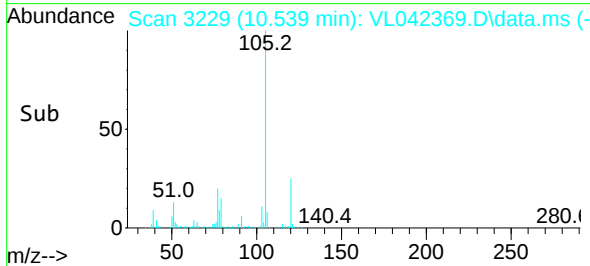
Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025



Tgt Ion:105 Resp: 67289
Ion Ratio Lower Upper
105 100
120 24.8 19.8 29.8

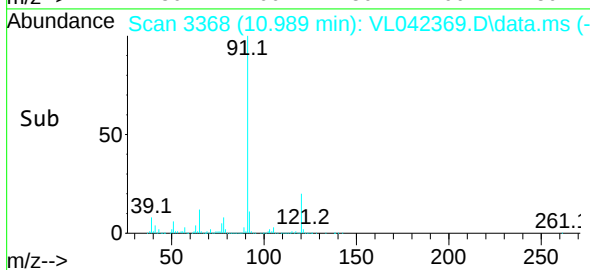
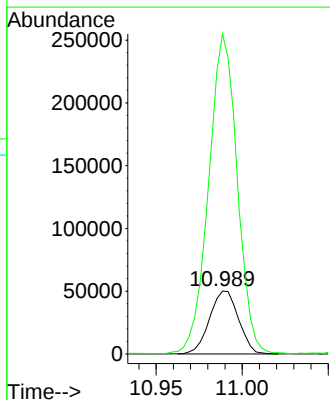
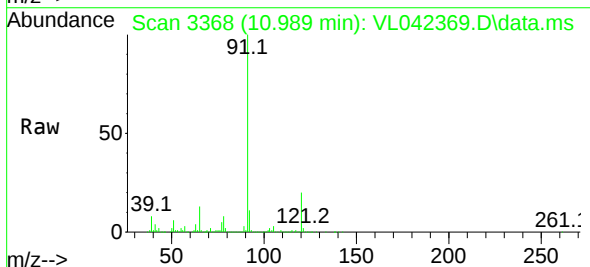
Manual Integrations
APPROVED

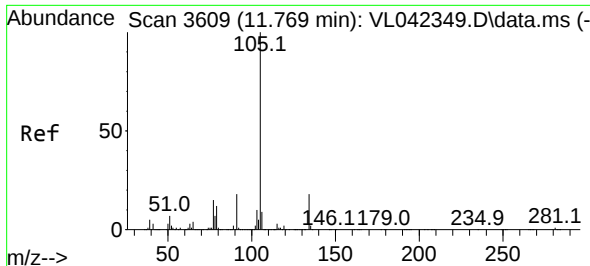
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#64
n-propylbenzene
Concen: 3.428 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

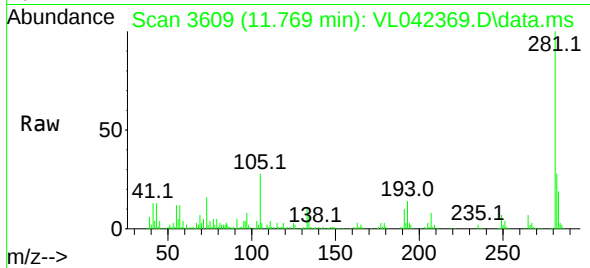
Tgt Ion:120 Resp: 58634
Ion Ratio Lower Upper
120 100
91 503.2 392.4 588.6





#67
 sec-Butylbenzene
 Concen: 0.241 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VL042369.D
 Acq: 17 Apr 2025 21:45

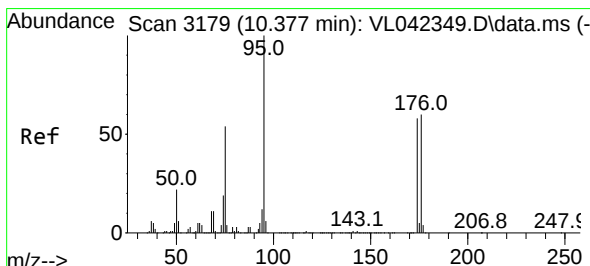
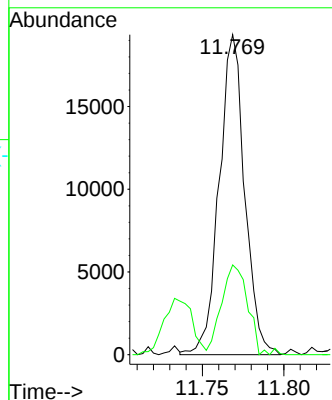
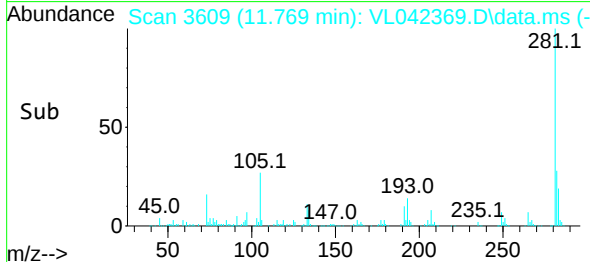
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-5-03312025



Tgt Ion:105 Resp: 20990
 Ion Ratio Lower Upper
 105 100
 134 28.2 14.6 21.8

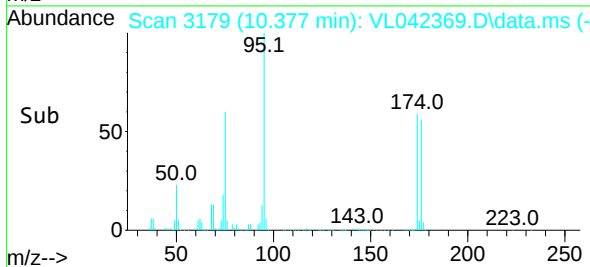
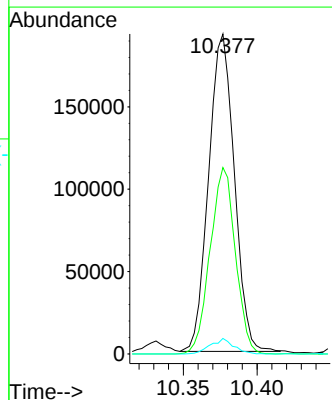
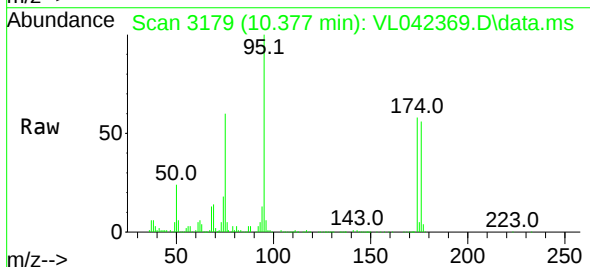
Manual Integrations
 APPROVED

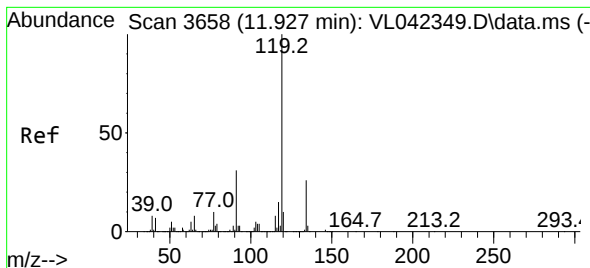
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.845 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.000 min
 Lab File: VL042369.D
 Acq: 17 Apr 2025 21:45

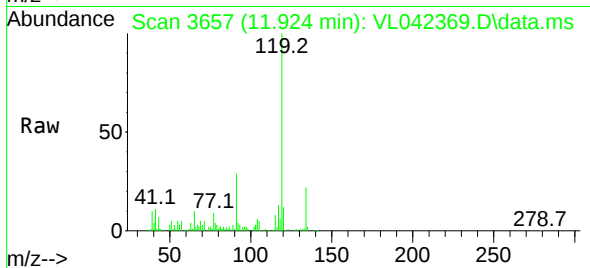
Tgt Ion: 95 Resp: 233305
 Ion Ratio Lower Upper
 95 100
 174 57.7 48.5 72.7
 175 4.4 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.440 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

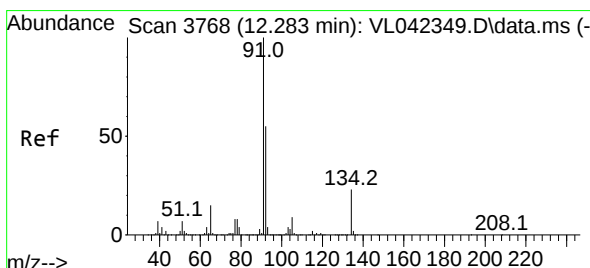
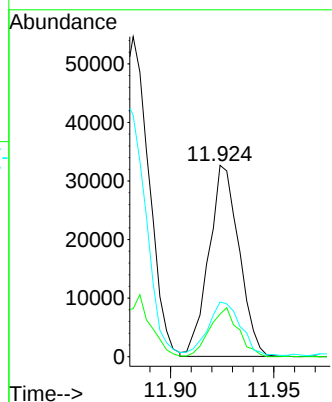
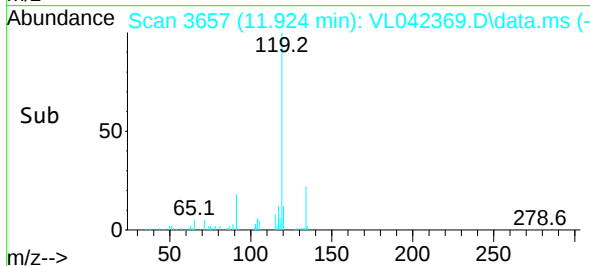
Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025



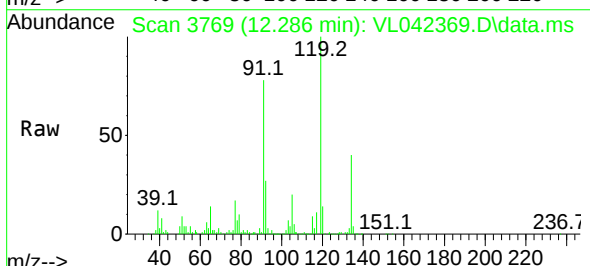
Tgt Ion: 119 Resp: 3327
Ion Ratio Lower Upper
119 100
134 24.2 20.0 30.0
91 29.1 24.4 36.6

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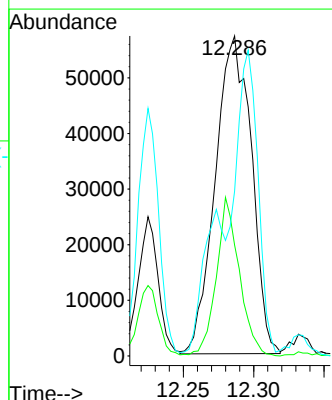
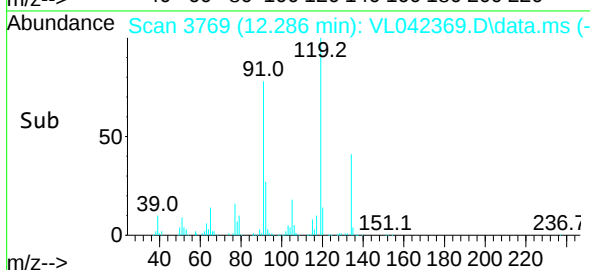
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

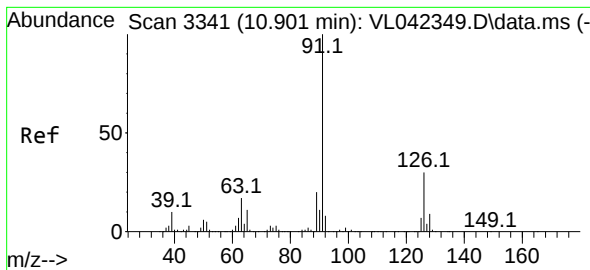


#70
n-Butylbenzene
Concen: 1.298 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. 0.003 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45



Tgt Ion: 91 Resp: 102145
Ion Ratio Lower Upper
91 100
92 31.6 44.2 66.4#
134 91.7 18.2 27.4#





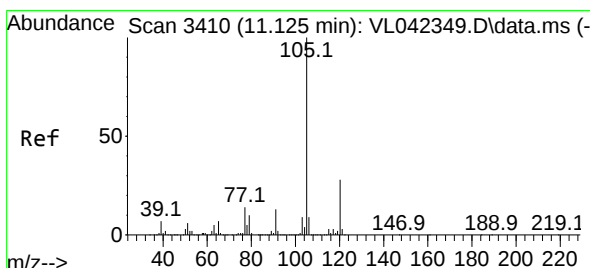
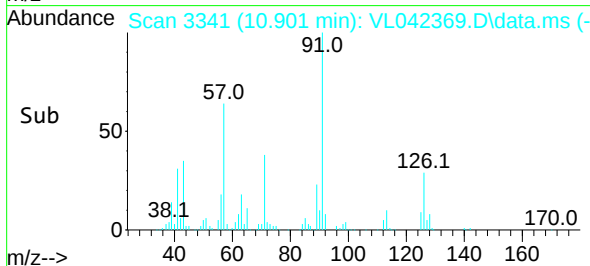
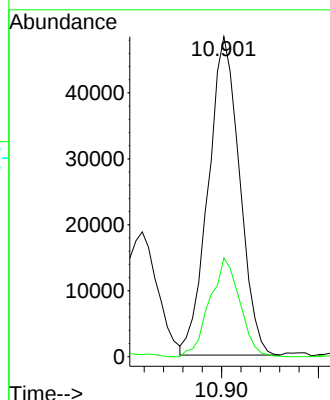
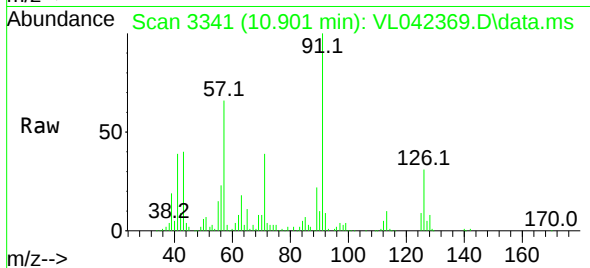
#71
2-Chlorotoluene
Concen: 1.015 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Instrument : MSVOA_L
ClientSampleId : IA-B2-5-03312025

Tgt Ion: 91 Resp: 54169
Ion Ratio Lower Upper
91 100
126 29.8 11.4 45.4

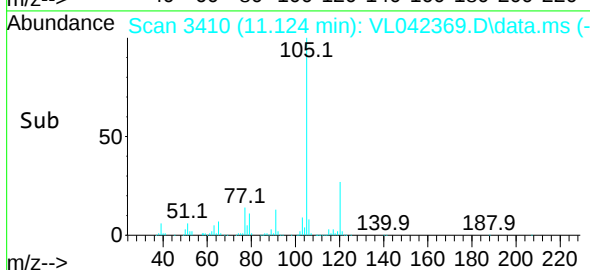
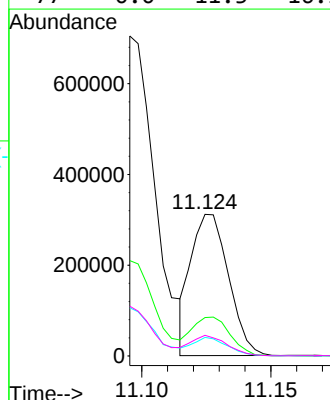
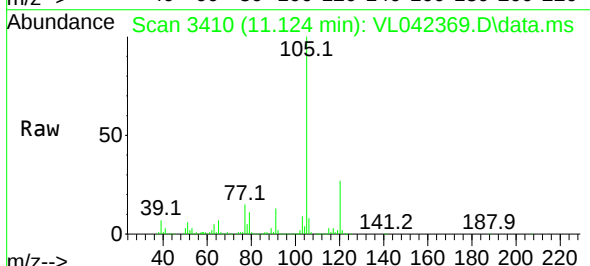
Manual Integrations
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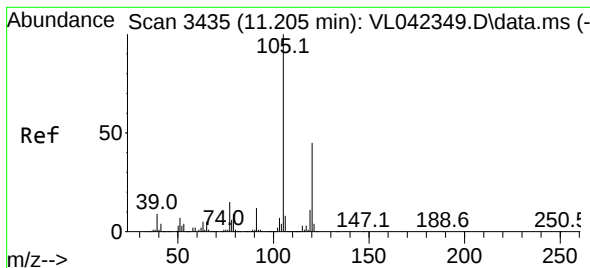
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#72
4-Ethyltoluene
Concen: 5.540 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Tgt Ion:105 Resp: 313941
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: 7.091 ppbv

RT: 11.205 min Scan# 3435

Delta R.T. -0.000 min

Lab File: VL042369.D

Acq: 17 Apr 2025 21:45

Instrument :

MSVOA_L

ClientSampleId :

IA-B2-5-03312025

Tgt Ion:105 Resp: 354735

Ion Ratio Lower Upper

105 100

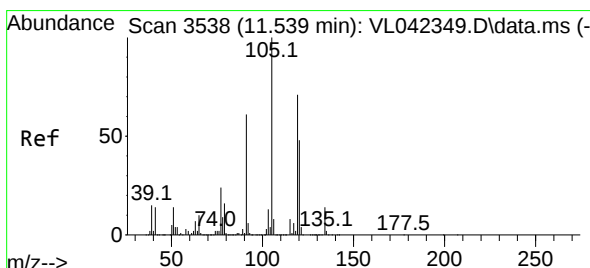
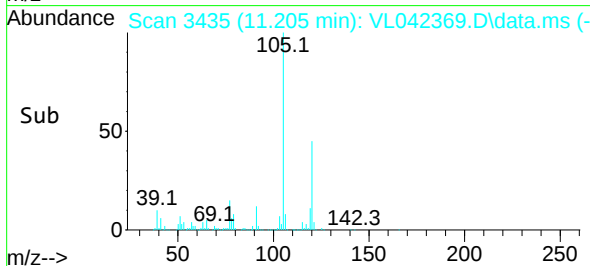
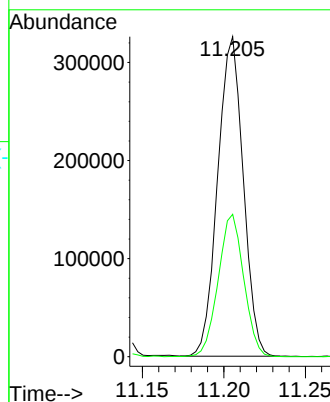
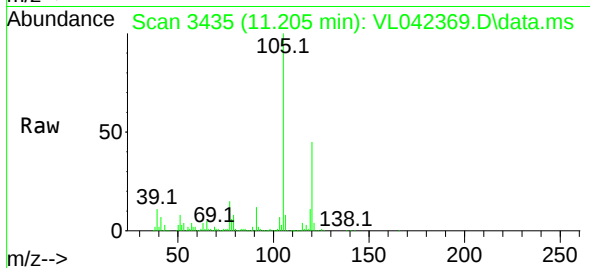
120 44.5 35.6 53.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 19.707 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL042369.D

Acq: 17 Apr 2025 21:45

Tgt Ion:105 Resp: 1151476

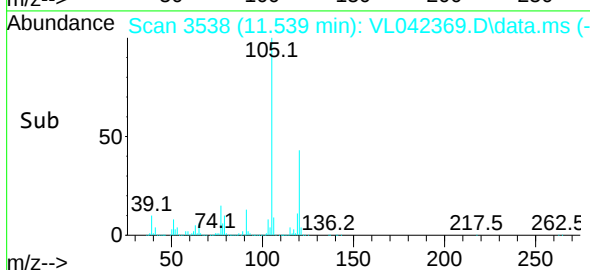
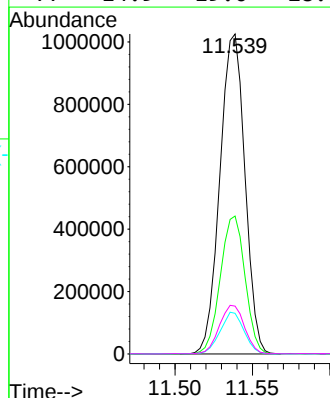
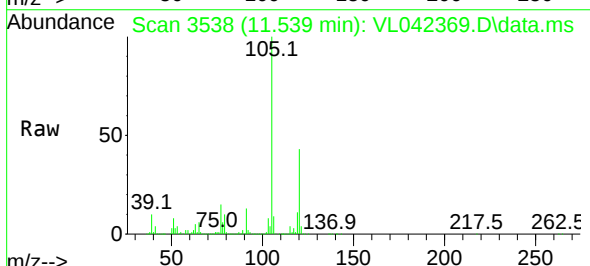
Ion Ratio Lower Upper

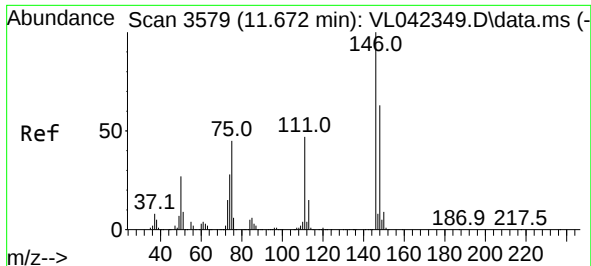
105 100

120 43.1 38.1 57.1

91 12.7 48.8 73.2#

77 14.9 19.0 28.4#





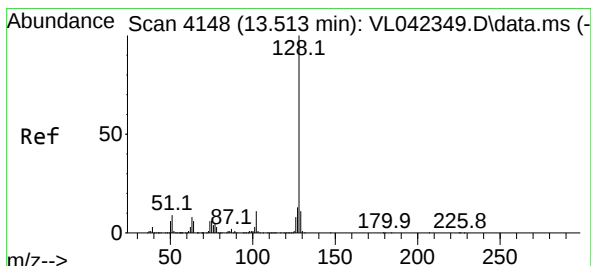
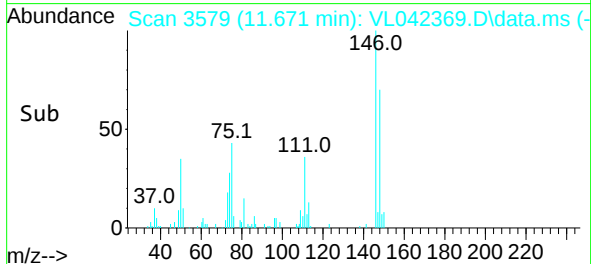
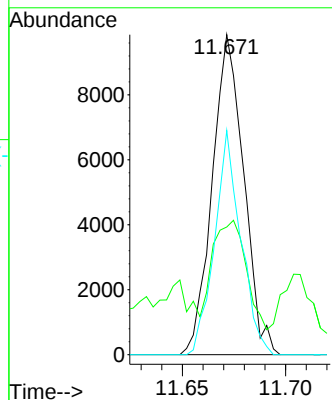
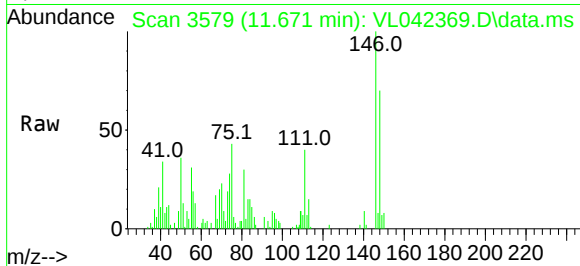
#76
1,4-Dichlorobenzene
Concen: 0.342 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025

Tgt Ion:146 Resp: 10434
Ion Ratio Lower Upper
146 100
111 120.7 24.2 72.6
148 58.5 32.1 96.5

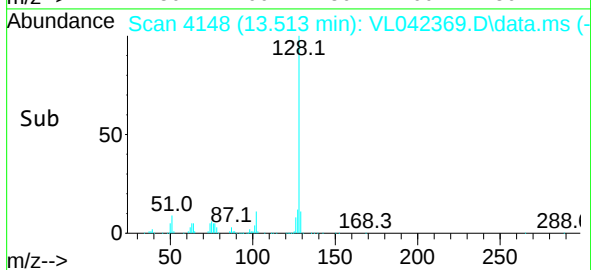
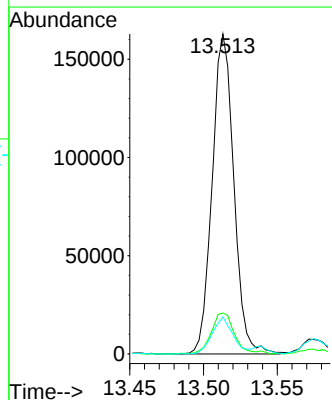
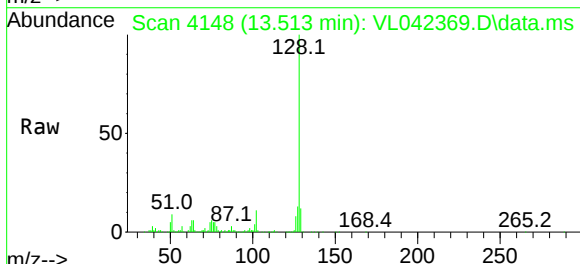
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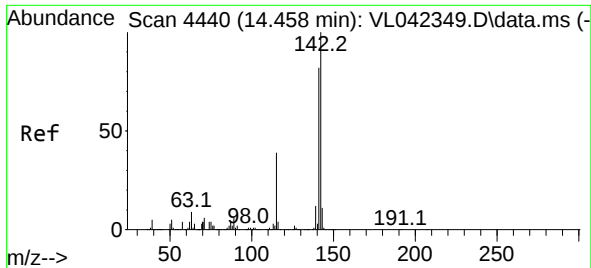
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#79
Naphthalene
Concen: 2.380 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

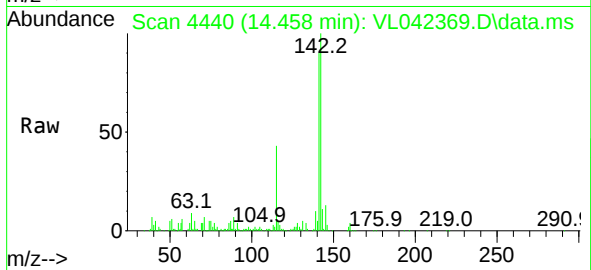
Tgt Ion:128 Resp: 166277
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.5 8.6 12.8





#80
Naphthalene, 2-methyl-
Concen: 1.280 ppbv
RT: 14.458 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL042369.D
Acq: 17 Apr 2025 21:45

Instrument :
MSVOA_L
ClientSampleId :
IA-B2-5-03312025



Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.1	66.8	100.2
115	47.9	33.4	50.2

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

