

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042366.D
 Acq On : 17 Apr 2025 20:05
 Operator : SY/MD
 Sample : Q1726-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-DUP-3-03312025

Manual Integrations
 APPROVED

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

Quant Time: Apr 18 02:42:22 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	122216	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	344823	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	303405	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	252701	10.136	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10356	0.480	ppbv	94
3) Chlorodifluoromethane	1.473	51	5062m	0.246	ppbv	
4) Chloromethane	1.531	50	4947	0.579	ppbv	94
9) Propene	1.489	41	23550m	2.515	ppbv	
10) Heptane	4.978	43	219183	8.331	ppbv	97
11) Trichlorofluoromethane	1.877	101	5014	0.244	ppbv	93
13) Ethanol	1.722	45	370679	249.050	ppbv	75
15) Acetone	1.835	43	3072130	153.552	ppbv #	43
17) tert-Butyl alcohol	2.046	59	13005	0.525	ppbv #	61
19) Isopropyl Alcohol	1.887	45	316355	28.464	ppbv #	33
20) Methylene Chloride	2.062	84	16692	2.130	ppbv	91
26) Hexane	2.826	57	94163	4.717	ppbv #	36
30) Cyclohexane	3.855	84	31546	1.955	ppbv #	88
34) 2-Butanone	2.560	43	30497	1.118	ppbv	99
35) Carbon Tetrachloride	3.755	117	2352m	0.075	ppbv	
36) Benzene	3.654	78	64219	1.727	ppbv	97
37) 1,2-Dichloroethane	3.221	62	3653m	0.164	ppbv	
44) 2,2,4-Trimethylpentane	4.642	57	1167050	18.168	ppbv	95
52) Tetrachloroethene	8.231	164	1477m	0.103	ppbv	
53) Toluene	6.940	91	2194341	49.165	ppbv	99
58) Ethyl Benzene	9.357	91	668072	11.113	ppbv	99
59) m/p-Xylene	9.535	91	1861243	38.435	ppbv	100
60) o-Xylene	9.966	91	753743	15.456	ppbv	99
61) Styrene	9.872	104	8179	0.351	ppbv	92
62) Isopropylbenzene	10.539	105	70653	0.987	ppbv	99
64) n-propylbenzene	10.992	120	59824	3.324	ppbv	92
67) sec-Butylbenzene	11.769	105	21870	0.239	ppbv #	82
69) p-Isopropyltoluene	11.927	119	29958	0.377	ppbv	98
70) n-Butylbenzene	12.283	91	106745m	1.289	ppbv	
71) 2-Chlorotoluene	10.901	91	53769	0.958	ppbv	99
72) 4-Ethyltoluene	11.128	105	338919	5.685	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	368859	7.008	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	1184512	19.268	ppbv #	66
76) 1,4-Dichlorobenzene	11.672	146	8250	0.257	ppbv #	36
79) Naphthalene	13.513	128	171574	2.334	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	52010m	1.241	ppbv	

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

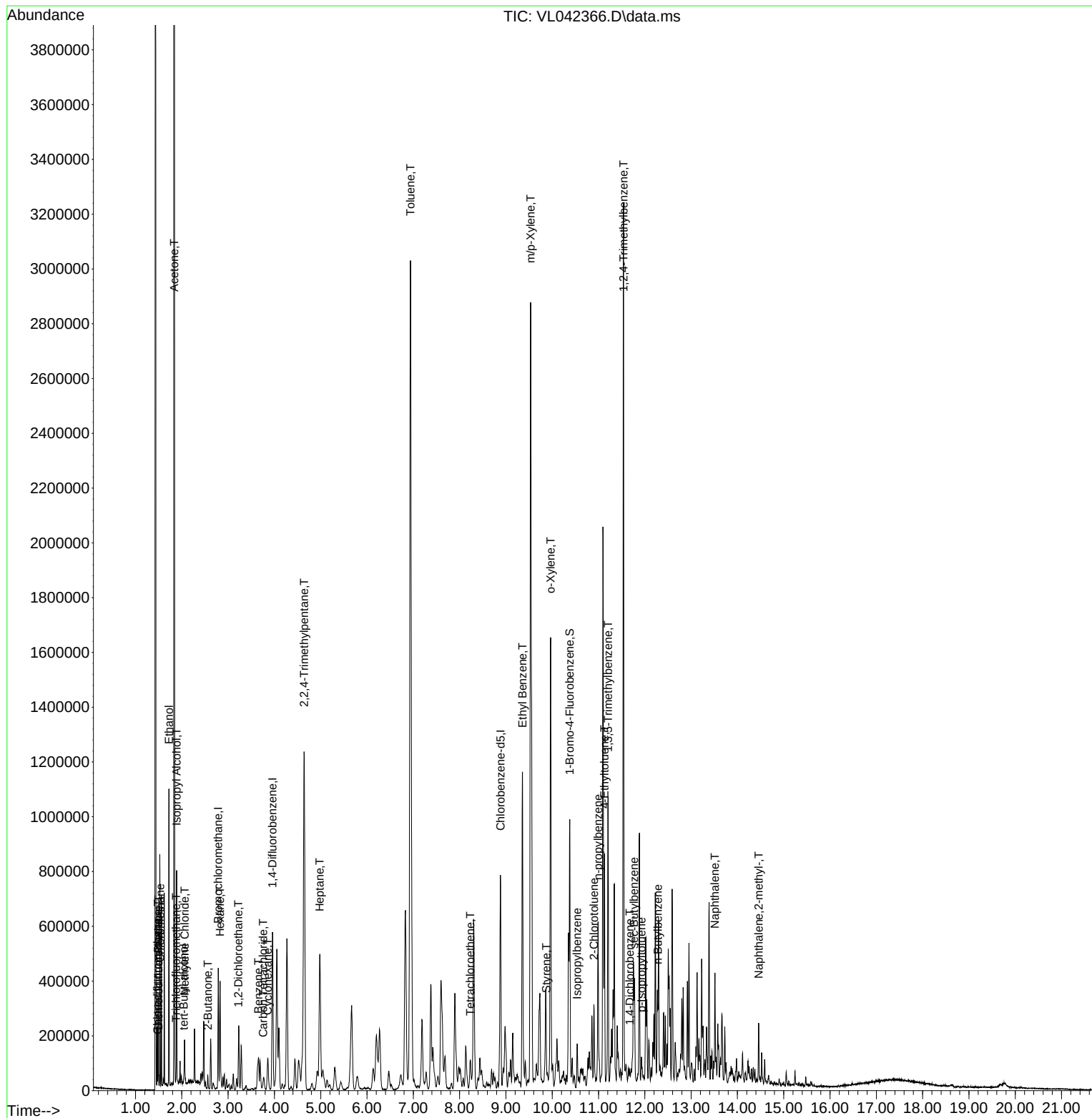
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042366.D
Acq On : 17 Apr 2025 20:05
Operator : SY/MD
Sample : Q1726-01
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

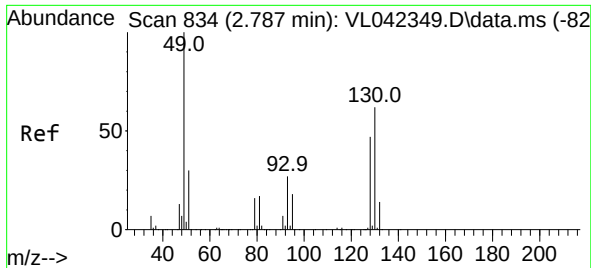
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025

Quant Time: Apr 18 02:42:22 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

Manual Integrations
APPROVED

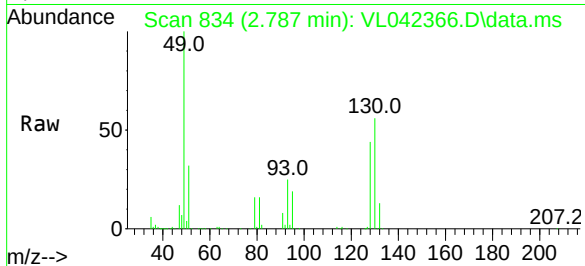
Reviewed By : Semsettin Yesilyurt 04/18/2025
Supervised By : Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

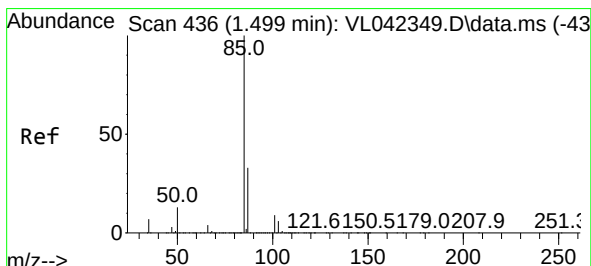
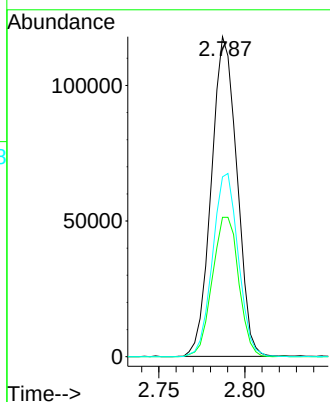
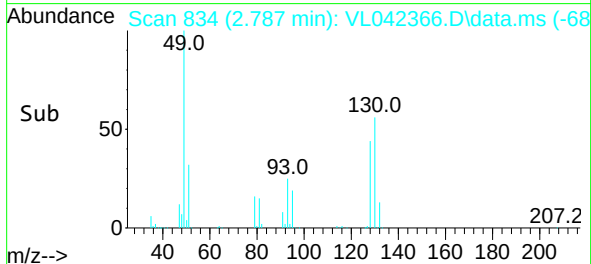
Instrument : MSVOA_L
ClientSampleId : IA-DUP-3-03312025



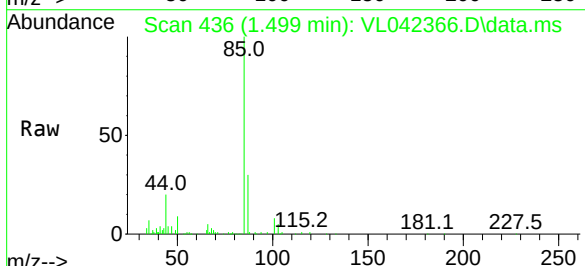
Tgt Ion: 49 Resp: 122210
Ion Ratio Lower Upper
49 100
128 44.9 22.8 68.4
130 57.5 29.3 88.0

Manual Integrations
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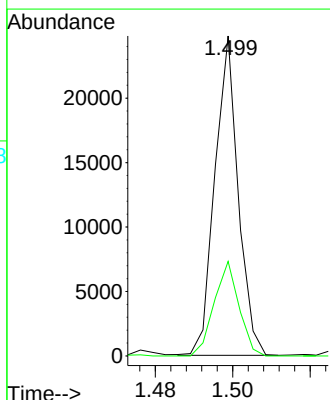
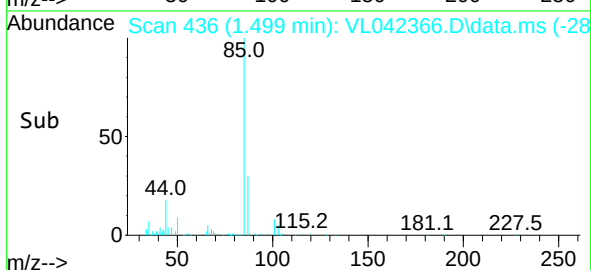
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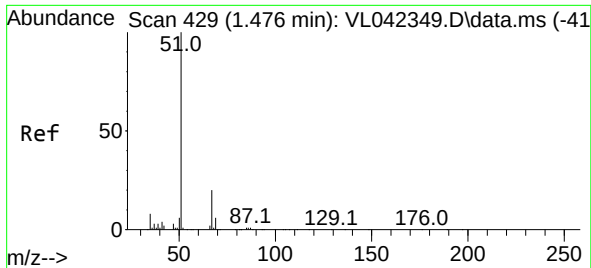


#2
Dichlorodifluoromethane
Concen: 0.480 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



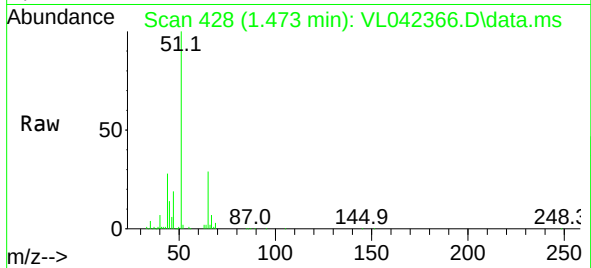
Tgt Ion: 85 Resp: 10356
Ion Ratio Lower Upper
85 100
87 29.6 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.246 ppbv m
RT: 1.473 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

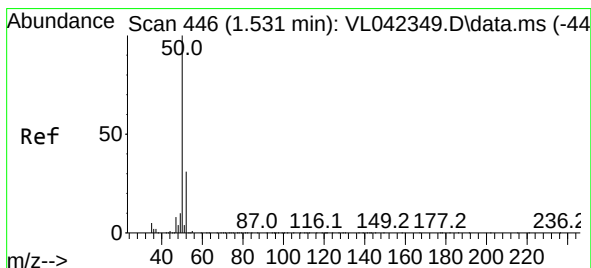
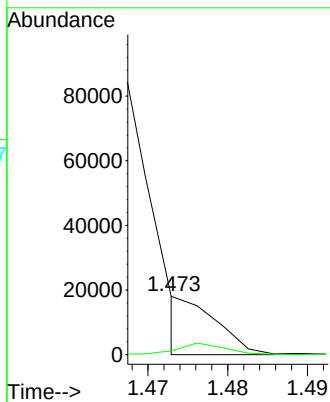
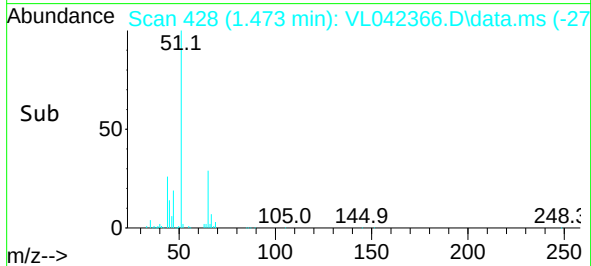
Instrument :
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IA-DUP-3-03312025



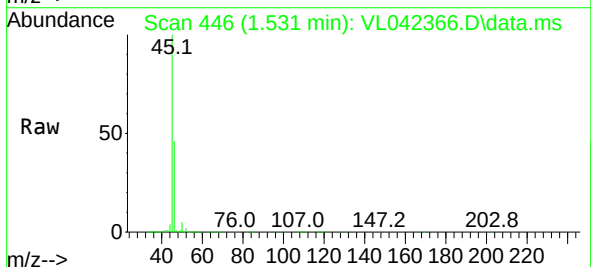
Tgt Ion: 51 Resp: 5062
Ion Ratio Lower Upper
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67 36.1 16.2 24.4

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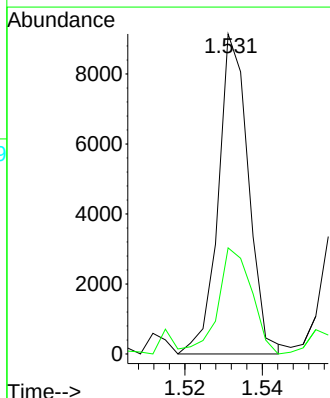
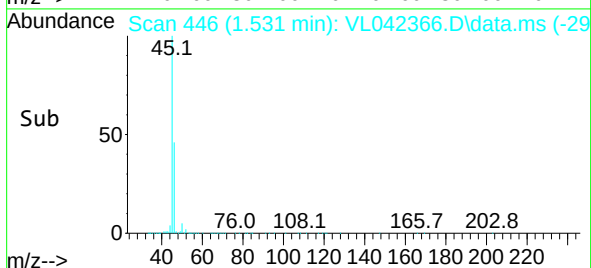
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

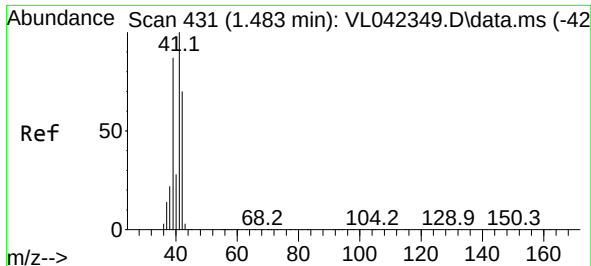


#4
Chloromethane
Concen: 0.579 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



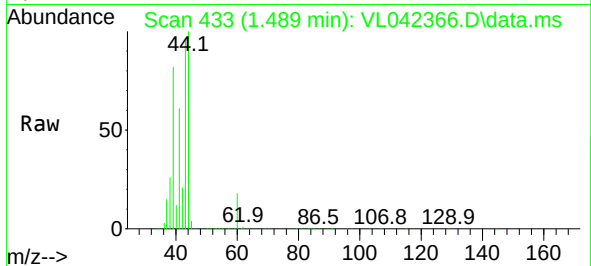
Tgt Ion: 50 Resp: 4947
Ion Ratio Lower Upper
50 100
52 34.2 24.7 37.1





#9
 Propene
 Concen: 2.515 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL042366.D
 Acq: 17 Apr 2025 20:05

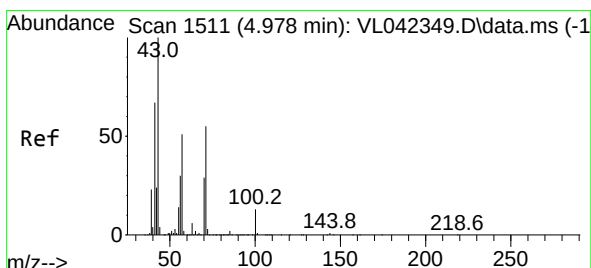
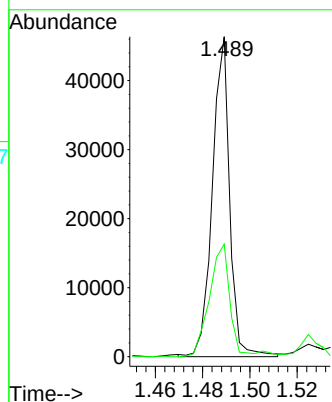
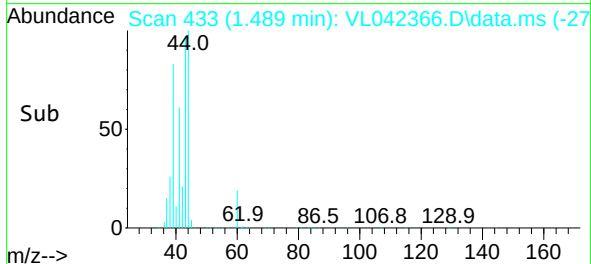
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-DUP-3-03312025



Tgt Ion: 41 Resp: 23550
 Ion Ratio Lower Upper
 41 100
 42 220.9 56.2 84.4

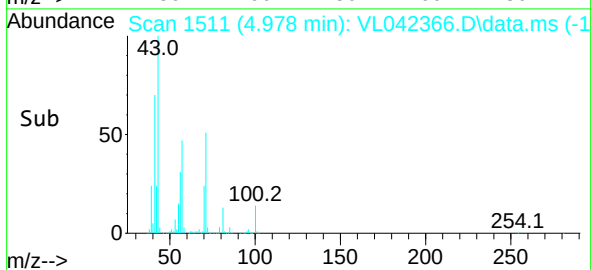
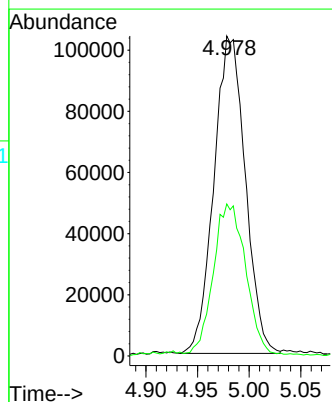
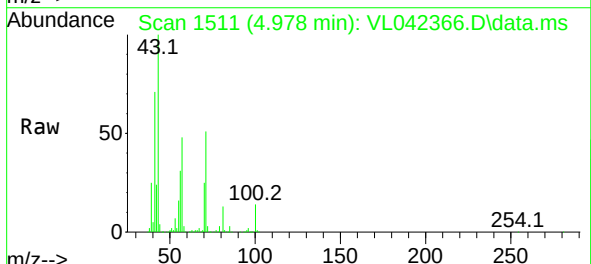
Manual Integrations
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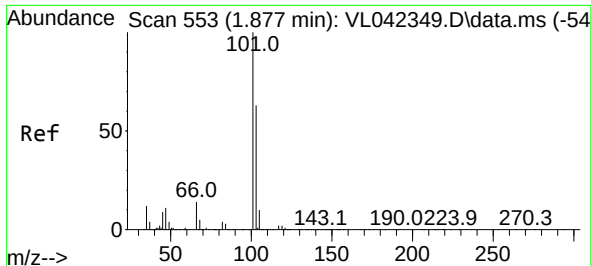
Reviewed By :Semsettin Yesilyurt 04/18/2025
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#10
 Heptane
 Concen: 8.331 ppbv
 RT: 4.978 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VL042366.D
 Acq: 17 Apr 2025 20:05

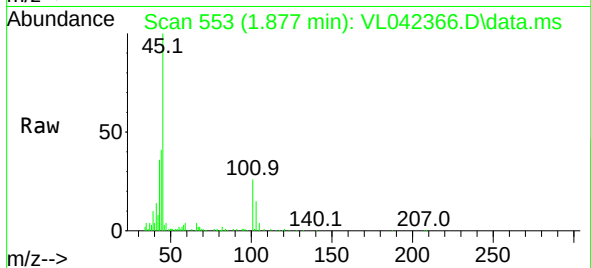
Tgt Ion: 43 Resp: 219183
 Ion Ratio Lower Upper
 43 100
 57 51.9 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.244 ppbv
RT: 1.877 min Scan# 5014
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

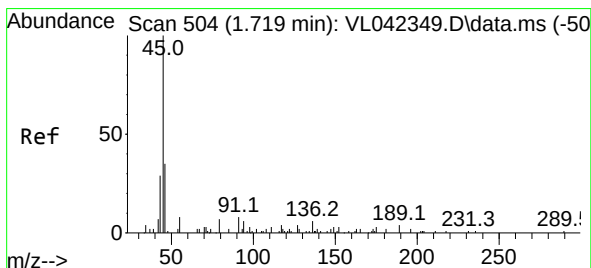
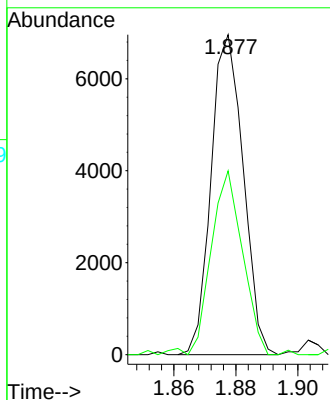
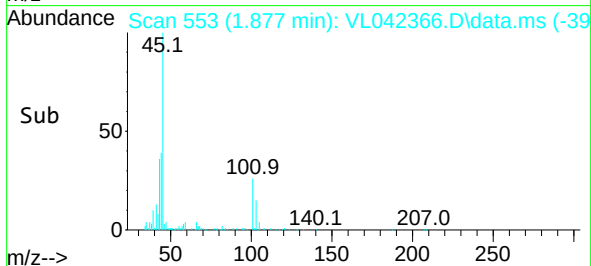
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



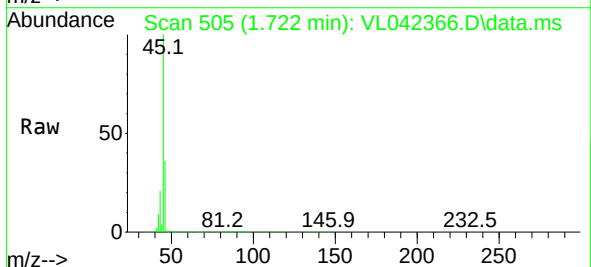
Tgt Ion:101 Resp: 5014
Ion Ratio Lower Upper
101 100
103 57.5 50.1 75.1

Manual Integrations
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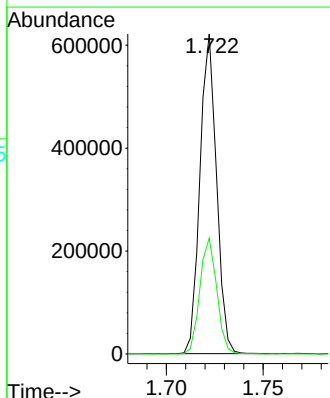
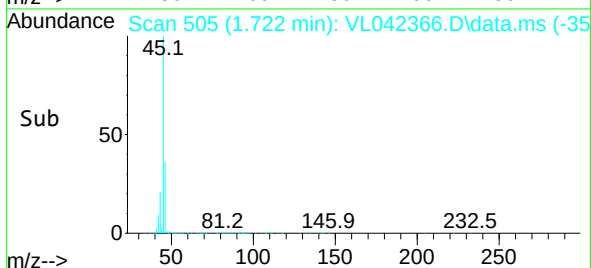
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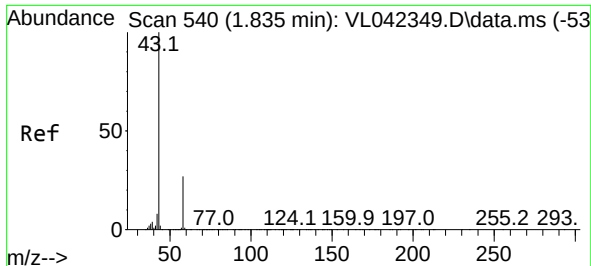


#13
Ethanol
Concen: 249.050 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



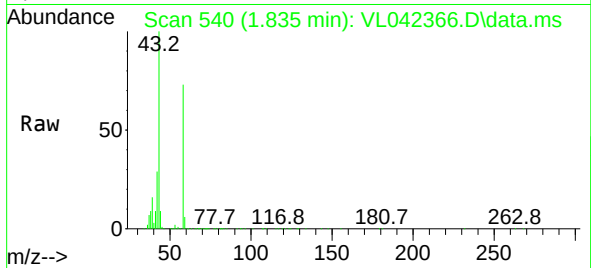
Tgt Ion: 45 Resp: 370679
Ion Ratio Lower Upper
45 100
46 37.1 21.9 87.7





#15
Acetone
Concen: 153.552 ppbv
RT: 1.835 min Scan# 540
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

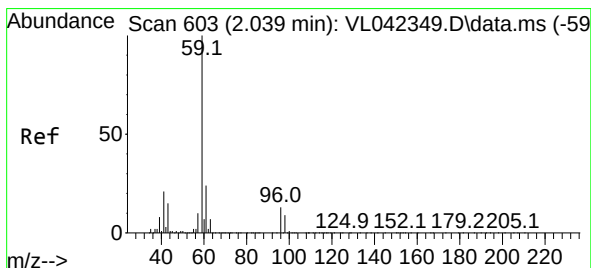
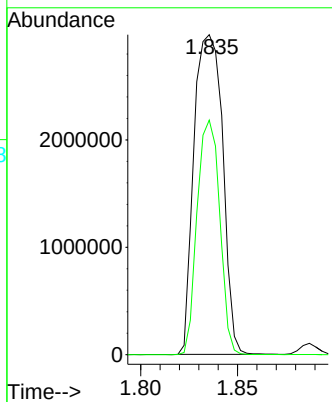
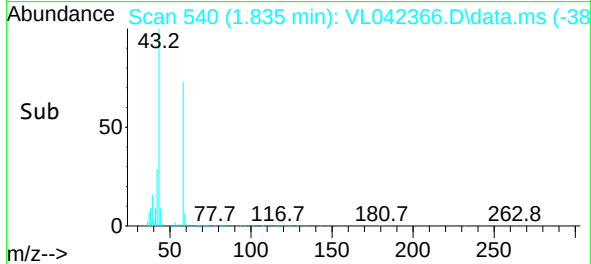
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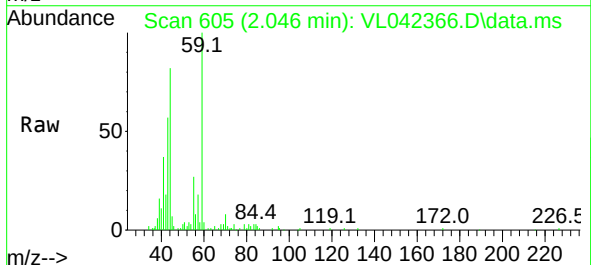
Tgt Ion: 43 Resp: 3072130
Ion Ratio Lower Upper
43 100
58 58.0 22.4 33.6

Manual Integrations
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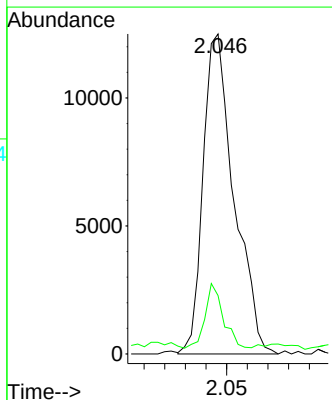
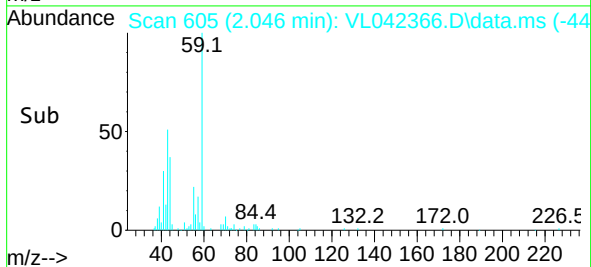
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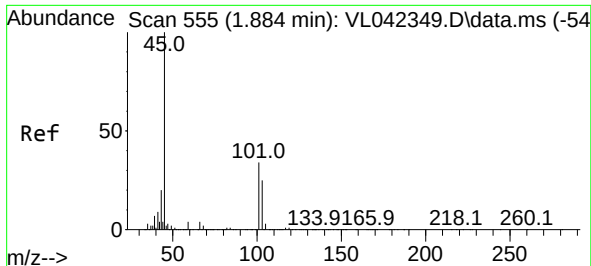


#17
tert-Butyl alcohol
Concen: 0.525 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.007 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



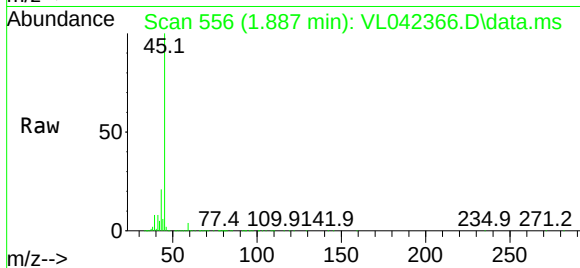
Tgt Ion: 59 Resp: 13005
Ion Ratio Lower Upper
59 100
57 25.8 8.7 13.1





#19
Isopropyl Alcohol
Concen: 28.464 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

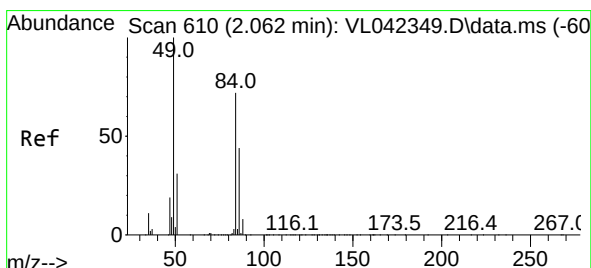
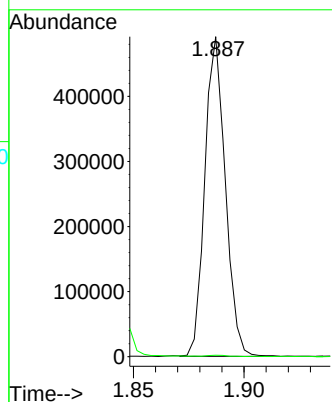
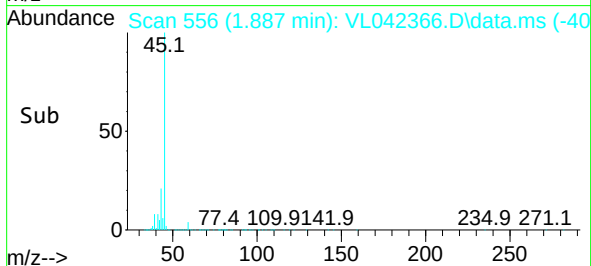
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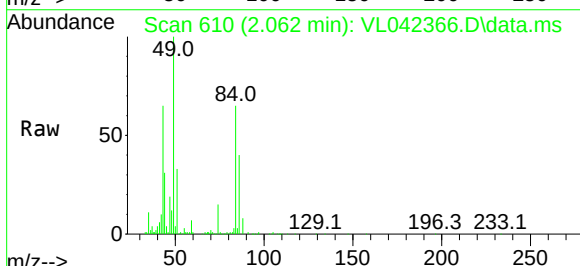
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Ion Ratio Lower Upper
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58 0.0 34.5 51.7

Manual Integrations
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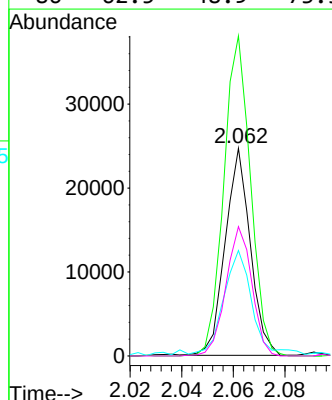
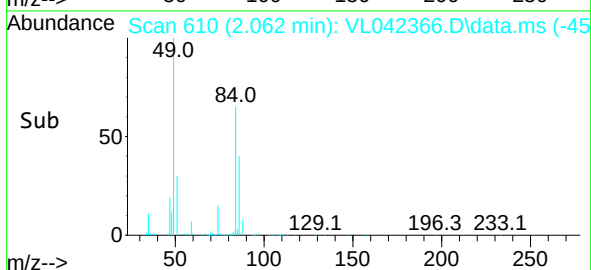
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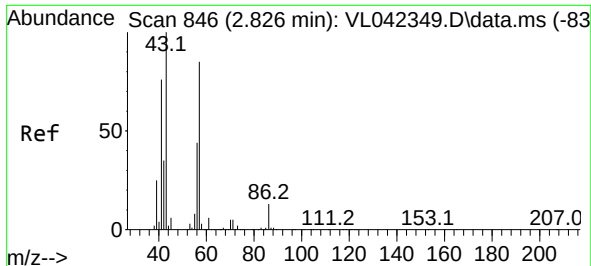


#20
Methylene Chloride
Concen: 2.130 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



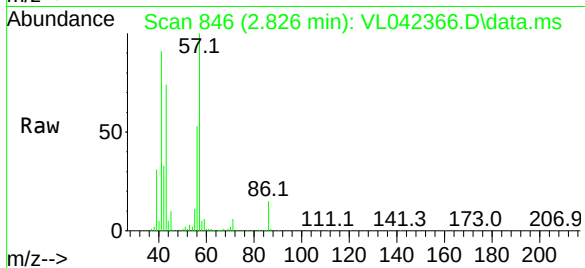
Tgt Ion: 84 Resp: 16692
Ion Ratio Lower Upper
84 100
49 154.6 111.6 167.4
51 48.0 35.1 52.7
86 62.5 48.9 73.3





#26
Hexane
Concen: 4.717 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

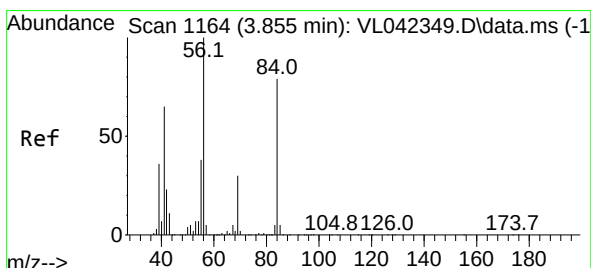
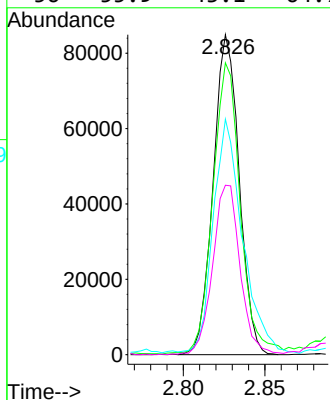
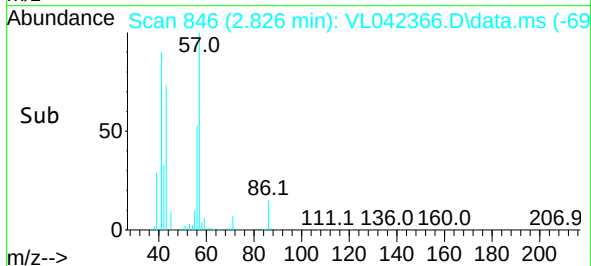
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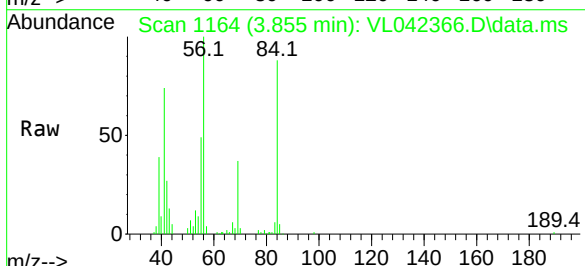
Tgt Ion: 57 Resp: 9416
Ion Ratio Lower Upper
57 100
41 95.7 77.9 116.9
43 83.0 208.4 312.6
56 55.9 43.1 64.7

Manual Integrations
APPROVED

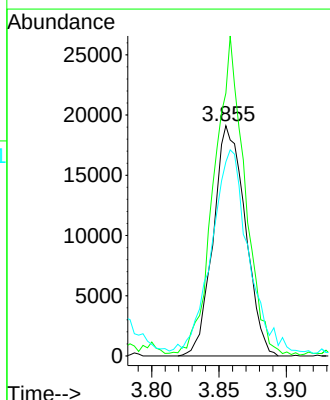
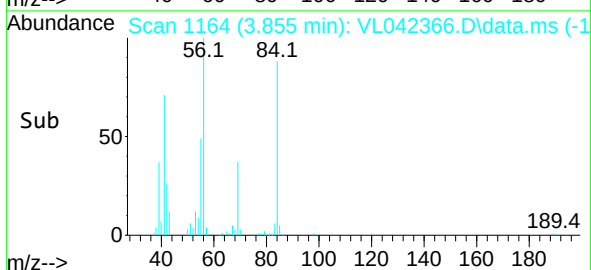
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

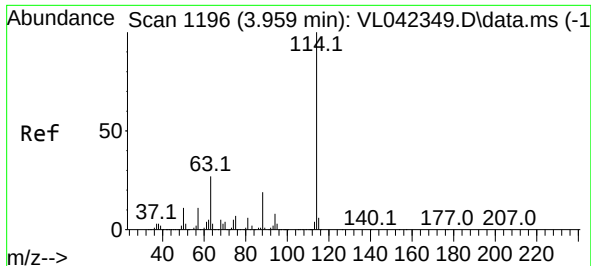


#30
Cyclohexane
Concen: 1.955 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



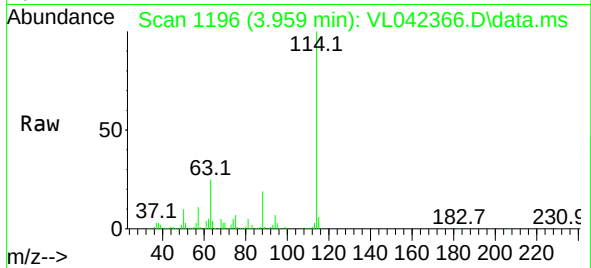
Tgt Ion: 84 Resp: 31546
Ion Ratio Lower Upper
84 100
56 133.1 101.0 151.4
41 102.4 67.4 101.0#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

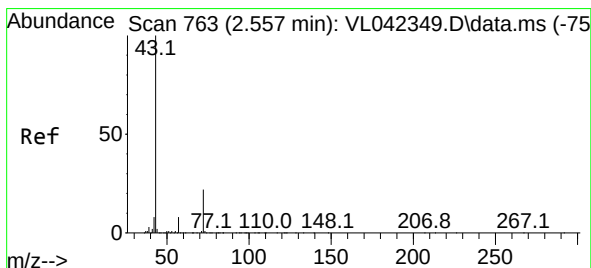
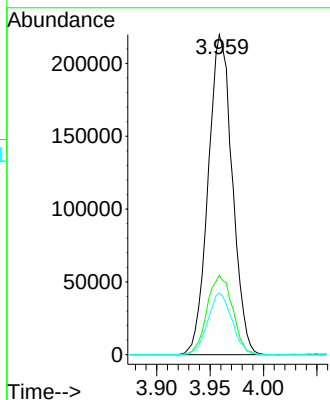
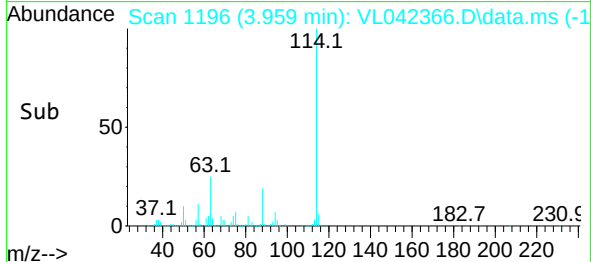
Instrument : MSVOA_L
ClientSampleId : IA-DUP-3-03312025



Tgt Ion:114 Resp: 34482
Ion Ratio Lower Upper
114 100
63 26.2 21.8 32.6
88 19.3 15.5 23.3

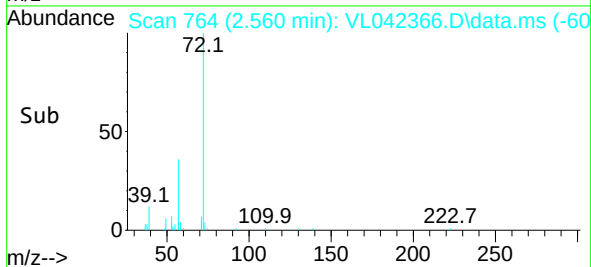
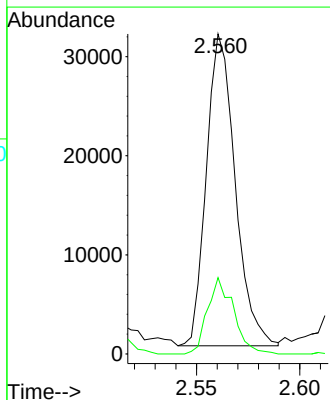
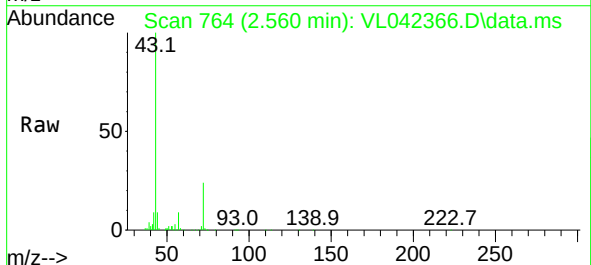
Manual Integrations
APPROVED

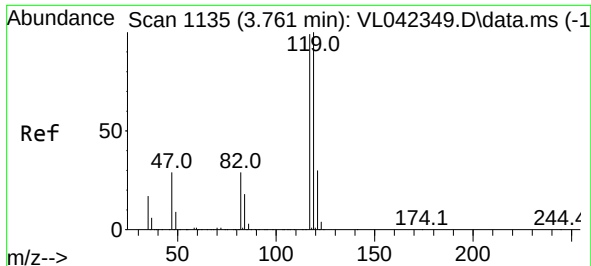
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#34
2-Butanone
Concen: 1.118 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

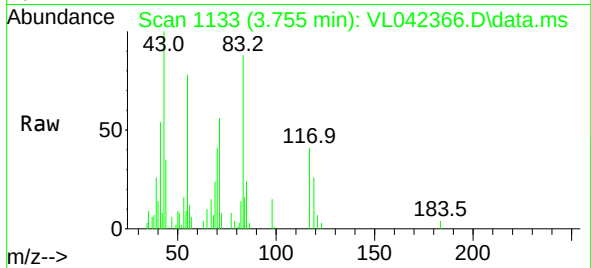
Tgt Ion: 43 Resp: 30497
Ion Ratio Lower Upper
43 100
72 22.3 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.075 ppbv m
RT: 3.755 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

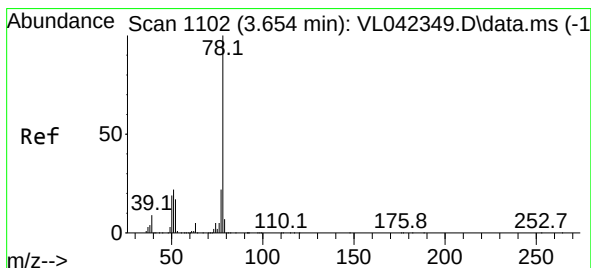
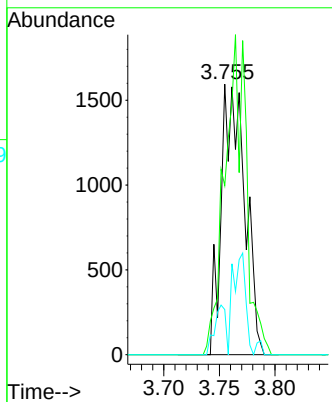
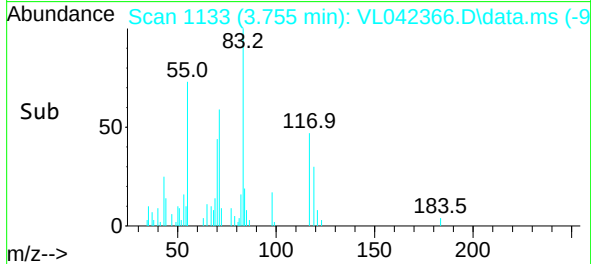
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



Tgt Ion:117 Resp: 2352
Ion Ratio Lower Upper
117 100
119 62.5 80.5 120.7
121 16.7 24.2 36.2

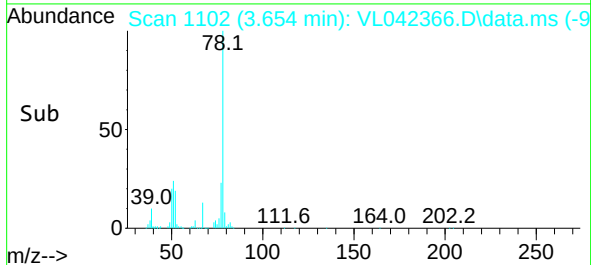
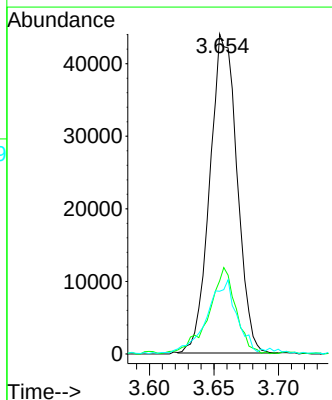
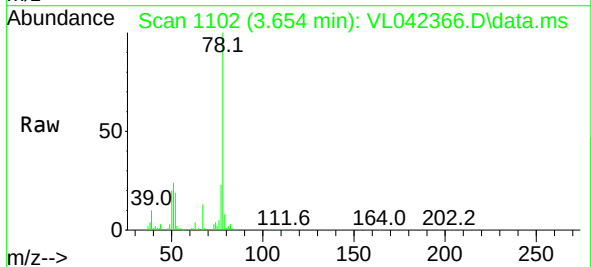
Manual Integrations
APPROVED

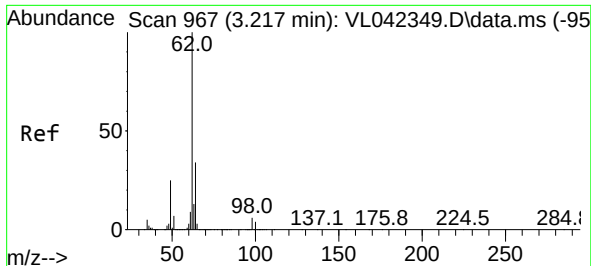
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#36
Benzene
Concen: 1.727 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

Tgt Ion: 78 Resp: 64219
Ion Ratio Lower Upper
78 100
77 22.7 17.4 26.0
50 18.0 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.164 ppbv

RT: 3.221 min Scan# 967

Delta R.T. 0.003 min

Lab File: VL042366.D

Acq: 17 Apr 2025 20:05

Instrument :

MSVOA_L

ClientSampleId :

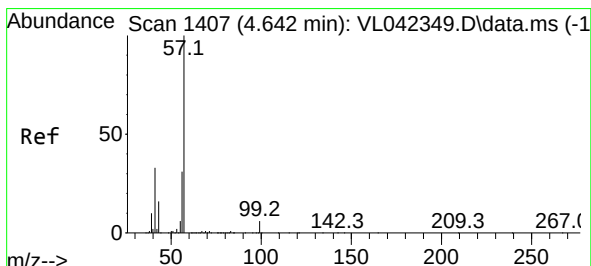
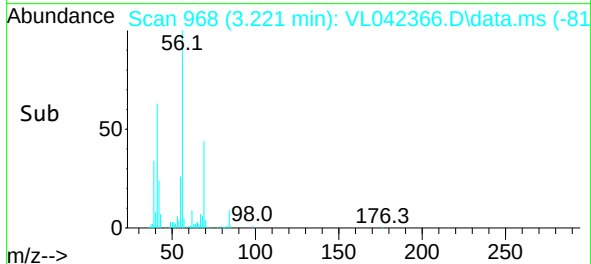
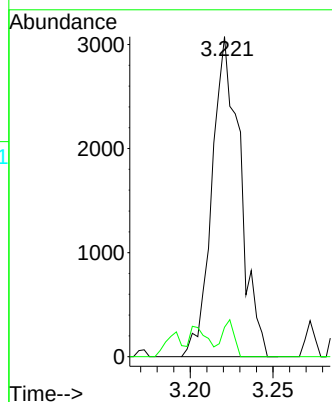
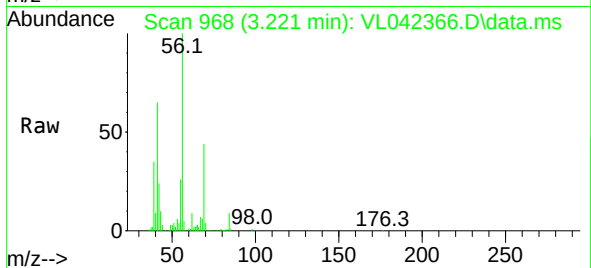
IA-DUP-3-03312025

Tgt Ion: 62 Resp: 365
 Ion Ratio Lower Upper
 62 100
 98 15.0 5.1 7.7

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 18.168 ppbv

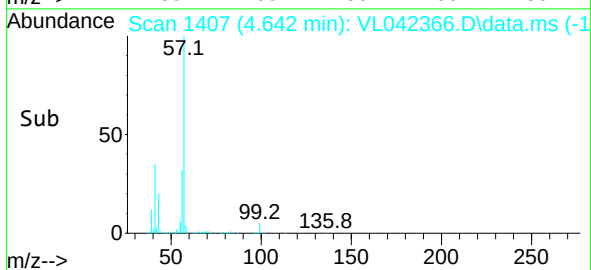
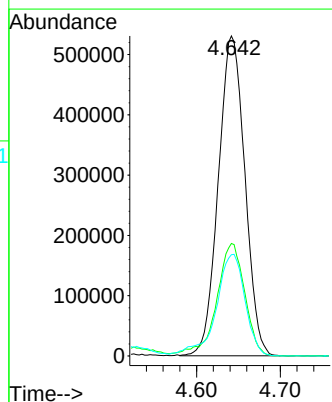
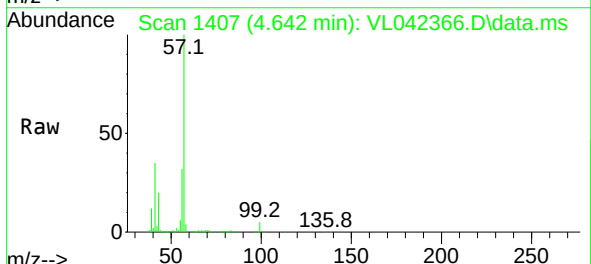
RT: 4.642 min Scan# 1407

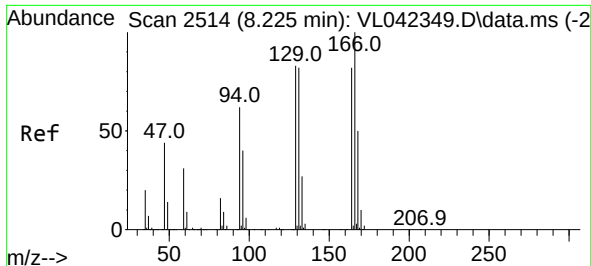
Delta R.T. 0.000 min

Lab File: VL042366.D

Acq: 17 Apr 2025 20:05

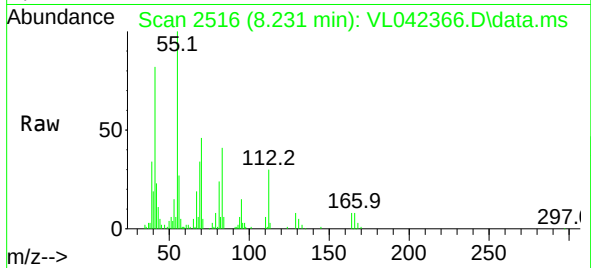
Tgt Ion: 57 Resp: 1167050
 Ion Ratio Lower Upper
 57 100
 41 37.2 27.2 40.8
 56 34.9 25.7 38.5





#52
Tetrachloroethene
Concen: 0.103 ppbv m
RT: 8.231 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

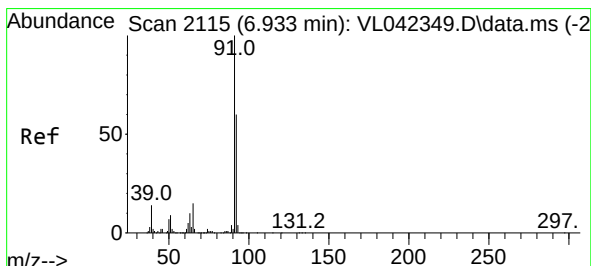
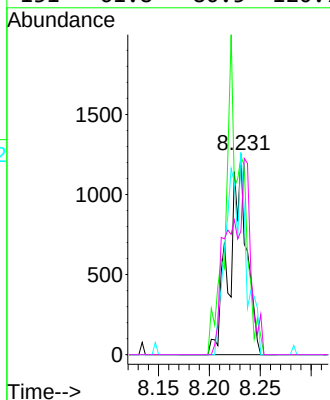
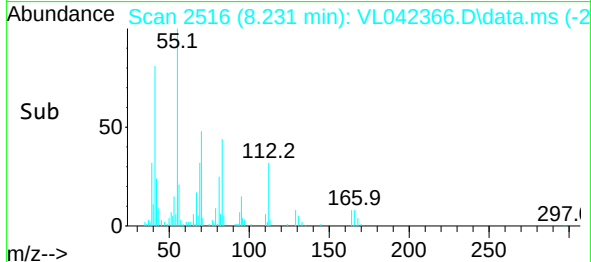
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



Tgt Ion:164 Resp: 147
Ion Ratio Lower Upper
164 100
166 99.0 98.2 147.2
129 101.0 81.8 122.8
131 61.8 80.5 120.7#

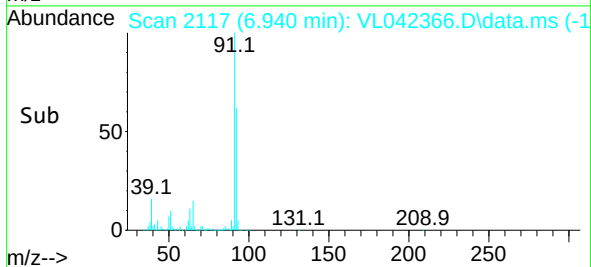
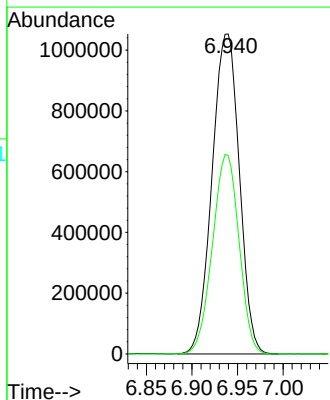
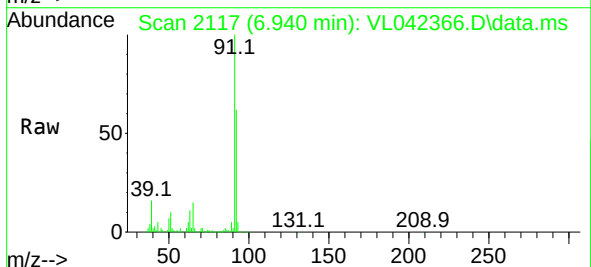
Manual Integrations
APPROVED

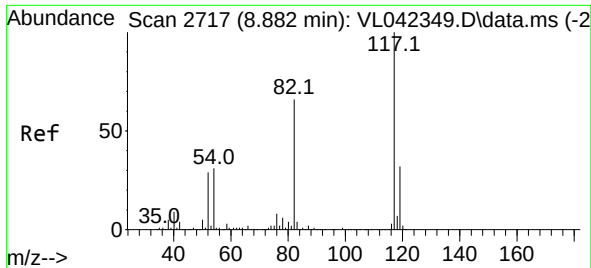
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 49.165 ppbv
RT: 6.940 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

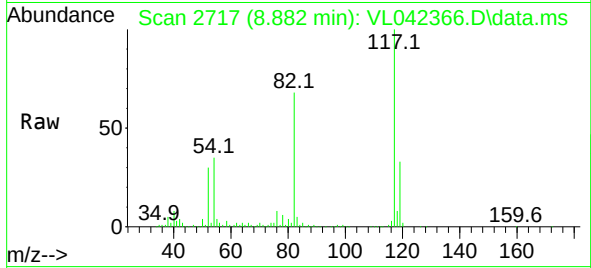
Tgt Ion: 91 Resp: 2194341
Ion Ratio Lower Upper
91 100
92 60.7 48.2 72.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

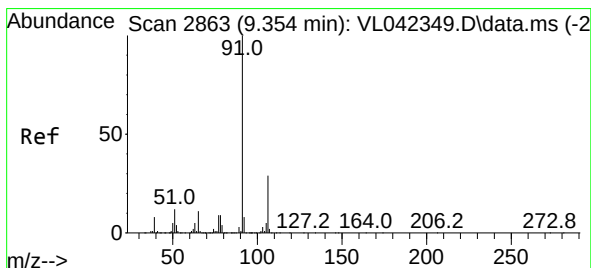
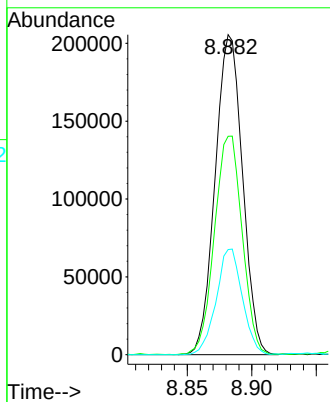
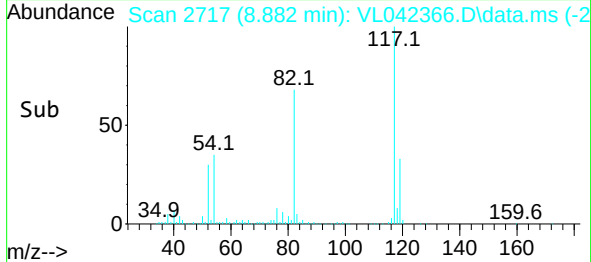
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



Tgt Ion:117 Resp: 30340
Ion Ratio Lower Upper
117 100
82 69.2 57.8 86.6
119 31.6 25.2 37.8

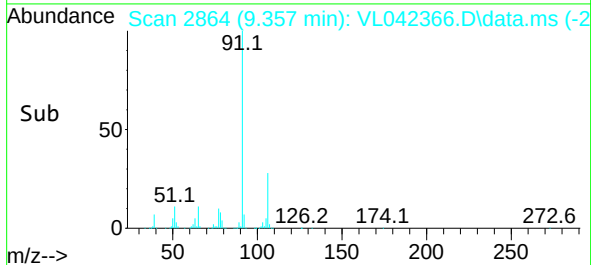
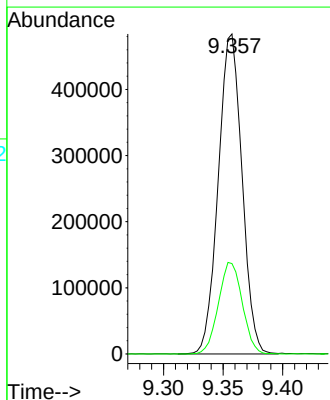
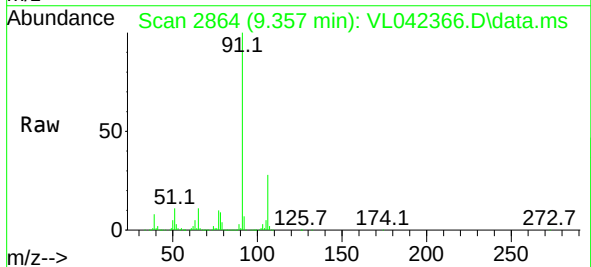
Manual Integrations
APPROVED

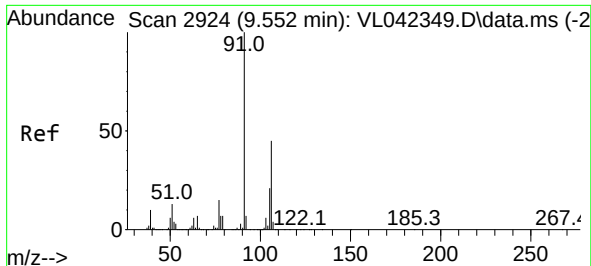
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58
Ethyl Benzene
Concen: 11.113 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

Tgt Ion: 91 Resp: 668072
Ion Ratio Lower Upper
91 100
106 28.3 23.0 34.4





#59

m/p-Xylene

Concen: 38.435 ppbv

RT: 9.535 min Scan# 2919

Delta R.T. -0.016 min

Lab File: VL042366.D

Acq: 17 Apr 2025 20:05

Instrument :

MSVOA_L

ClientSampleId :

IA-DUP-3-03312025

Tgt Ion: 91 Resp: 186124

Ion Ratio Lower Upper

91 100

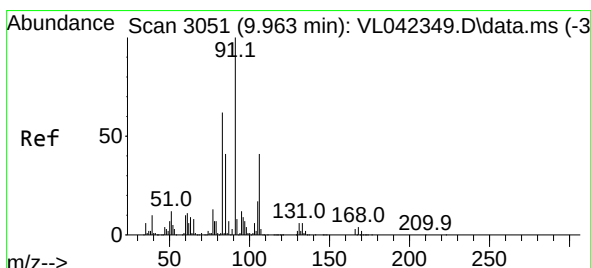
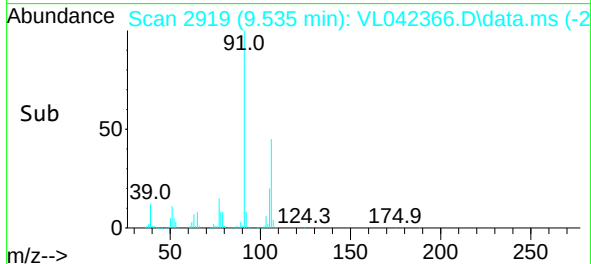
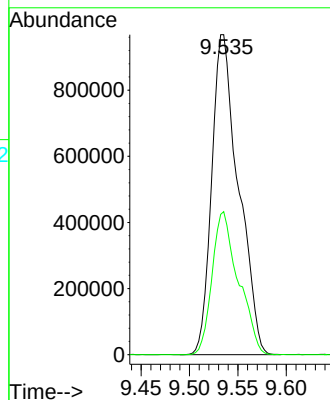
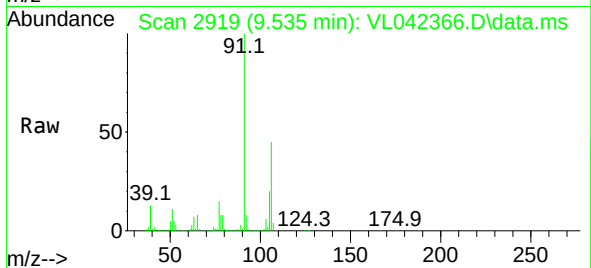
106 44.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 15.456 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL042366.D

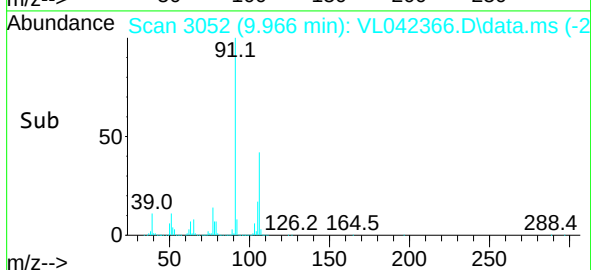
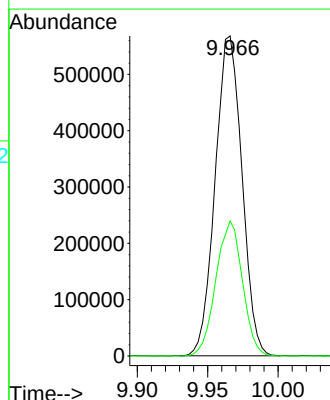
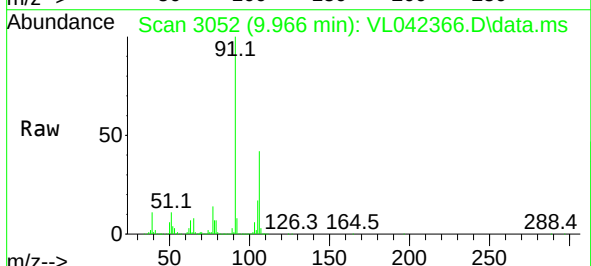
Acq: 17 Apr 2025 20:05

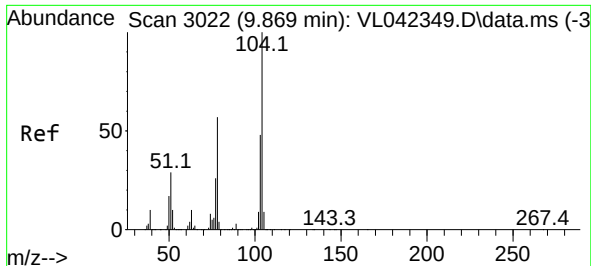
Tgt Ion: 91 Resp: 753743

Ion Ratio Lower Upper

91 100

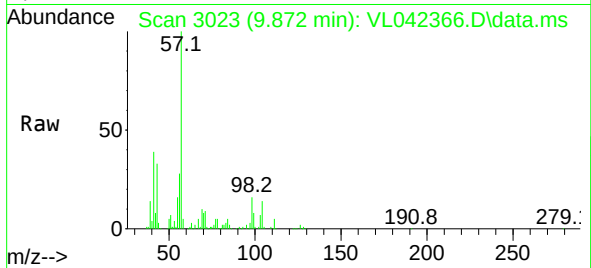
106 41.7 21.1 63.4





#61
Styrene
Concen: 0.351 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

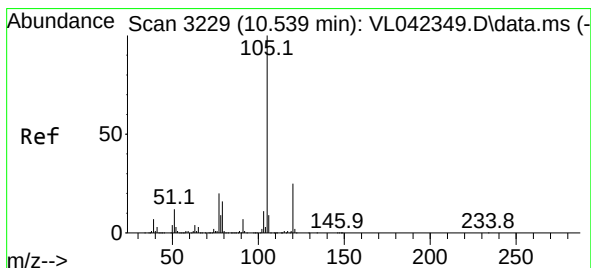
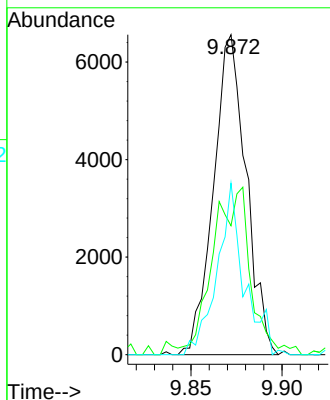
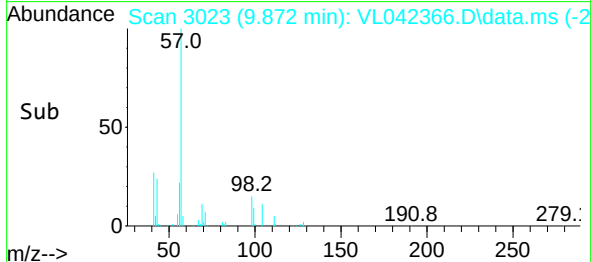
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



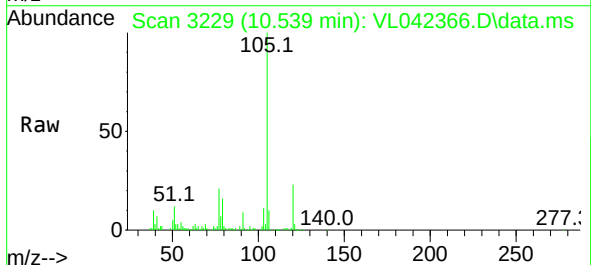
Tgt Ion:104 Resp: 8179
Ion Ratio Lower Upper
104 100
78 64.5 44.6 66.8
103 44.3 37.4 56.0

Manual Integrations
APPROVED

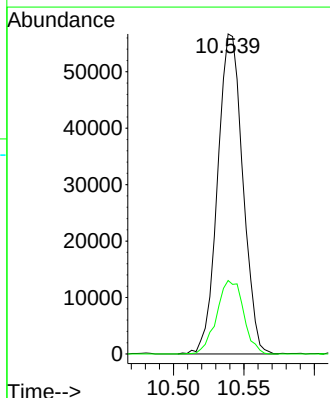
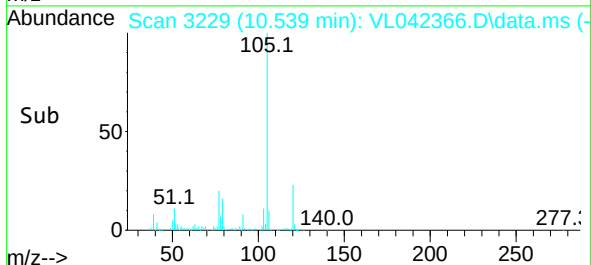
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

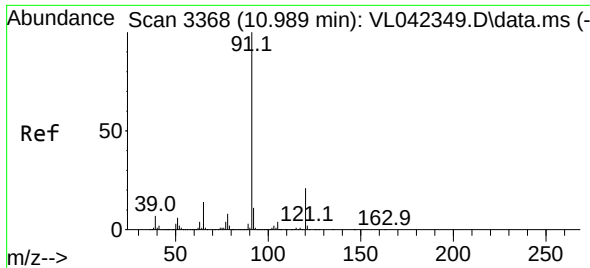


#62
Isopropylbenzene
Concen: 0.987 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



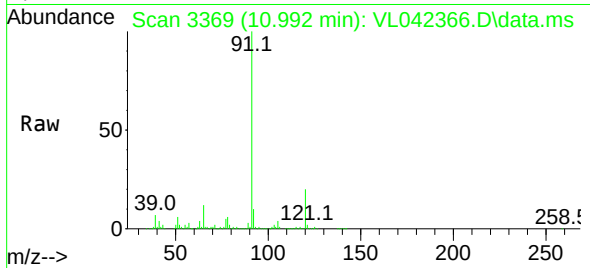
Tgt Ion:105 Resp: 70653
Ion Ratio Lower Upper
105 100
120 24.4 19.8 29.8





#64
n-propylbenzene
Concen: 3.324 ppbv
RT: 10.992 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

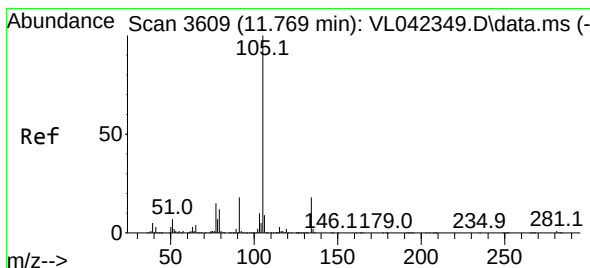
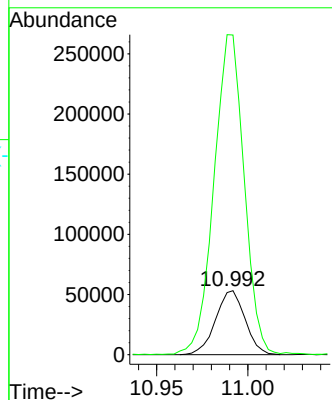
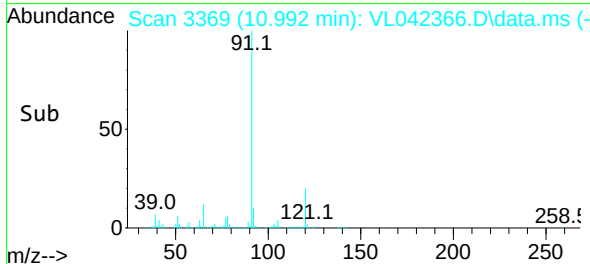
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



Tgt Ion:120 Resp: 59824
Ion Ratio Lower Upper
120 100
91 511.6 392.4 588.6

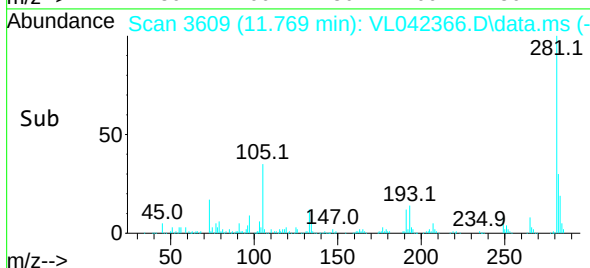
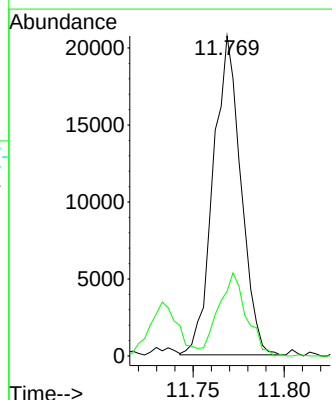
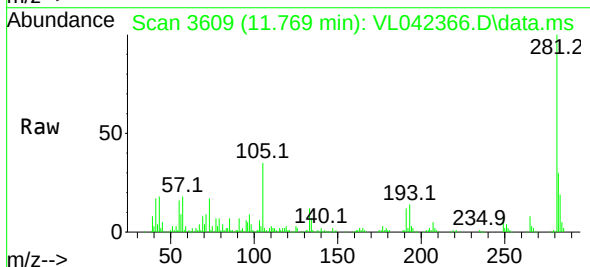
Manual Integrations
APPROVED

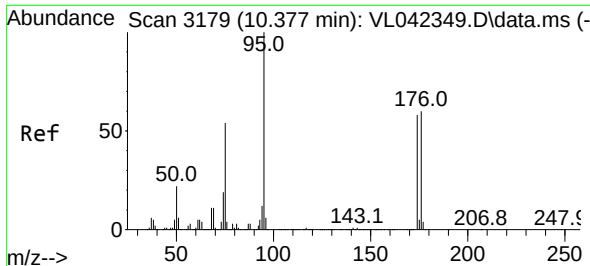
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#67
sec-Butylbenzene
Concen: 0.239 ppbv
RT: 11.769 min Scan# 3609
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

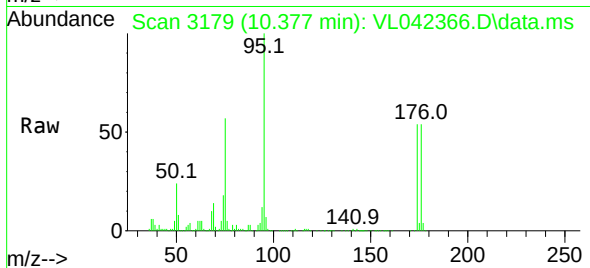
Tgt Ion:105 Resp: 21870
Ion Ratio Lower Upper
105 100
134 26.0 14.6 21.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 10.136 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

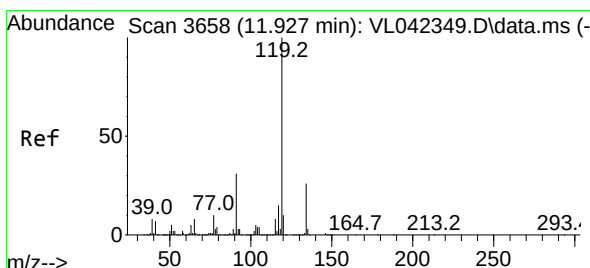
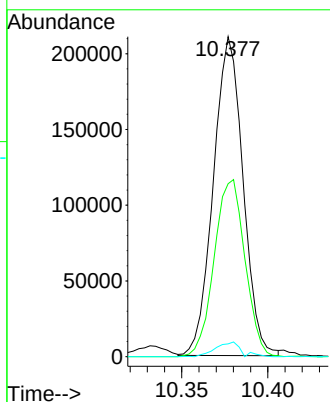
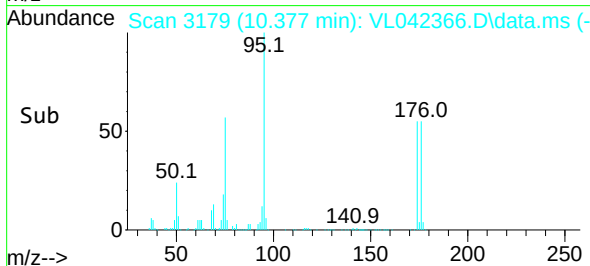
Instrument :
MSVOA_L
ClientSampleId :
IA-DUP-3-03312025



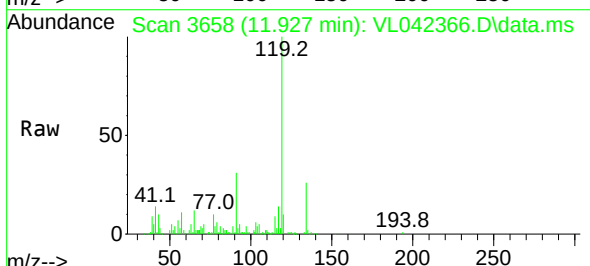
Tgt Ion: 95 Resp: 25270
Ion Ratio Lower Upper
95 100
174 57.6 48.5 72.7
175 4.0 3.7 5.5

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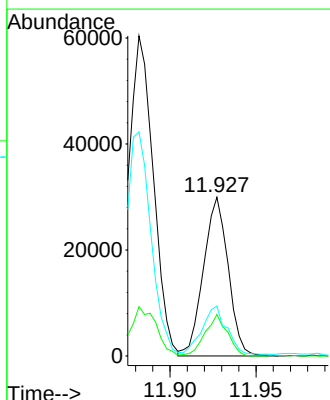
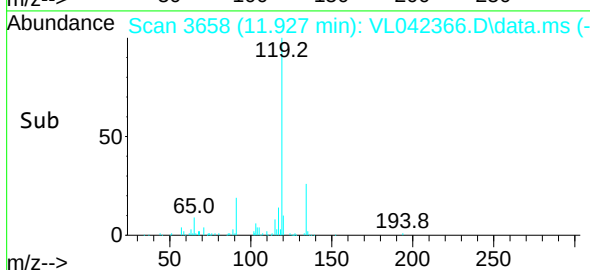
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

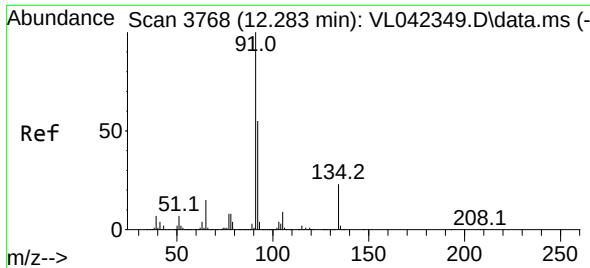


#69
p-Isopropyltoluene
Concen: 0.377 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



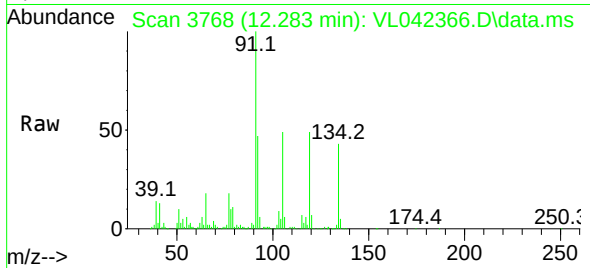
Tgt Ion:119 Resp: 29958
Ion Ratio Lower Upper
119 100
134 23.7 20.0 30.0
91 29.2 24.4 36.6





#70
n-Butylbenzene
Concen: 1.289 ppbv m
RT: 12.283 min Scan# 3768
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

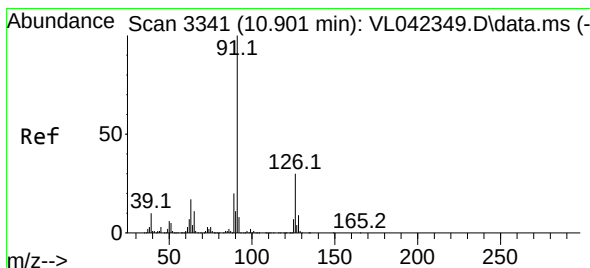
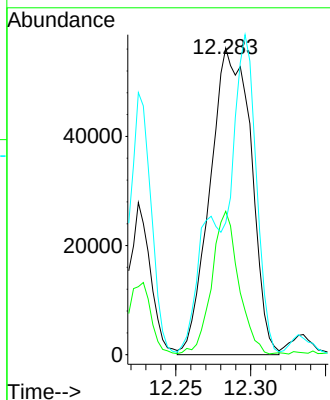
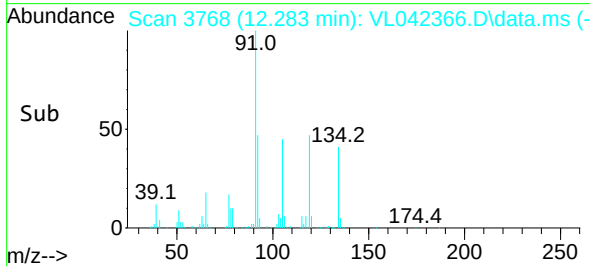
Instrument : MSVOA_L
ClientSampleId : IA-DUP-3-03312025



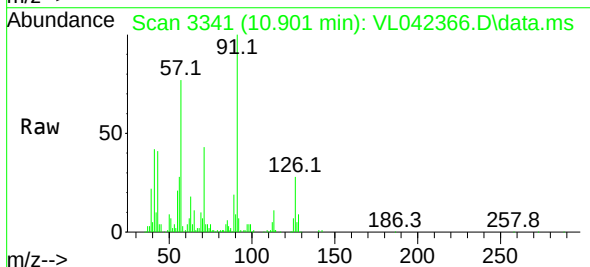
Tgt Ion: 91 Resp: 106749
Ion Ratio Lower Upper
91 100
92 31.7 44.2 66.4
134 0.0 18.2 27.4

Manual Integrations
APPROVED

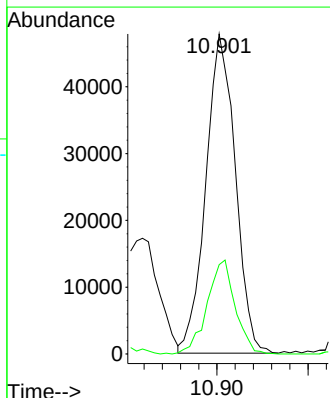
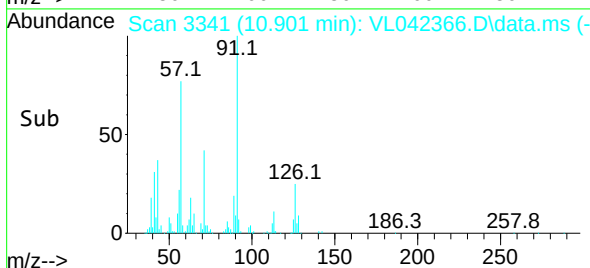
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

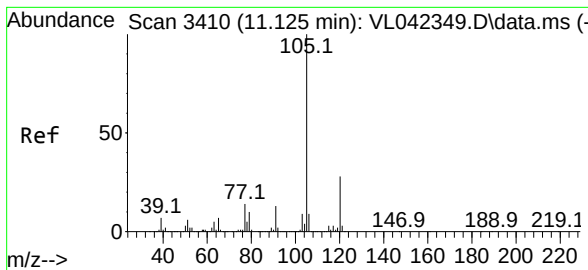


#71
2-Chlorotoluene
Concen: 0.958 ppbv
RT: 10.901 min Scan# 3341
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



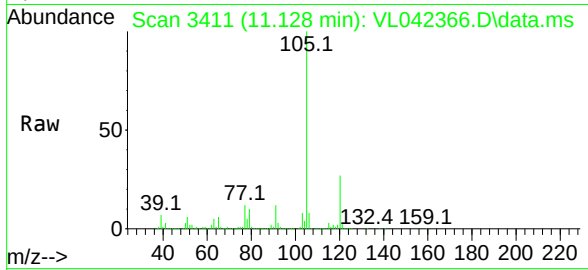
Tgt Ion: 91 Resp: 53769
Ion Ratio Lower Upper
91 100
126 28.0 11.4 45.4





#72
4-Ethyltoluene
Concen: 5.685 ppbv
RT: 11.128 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

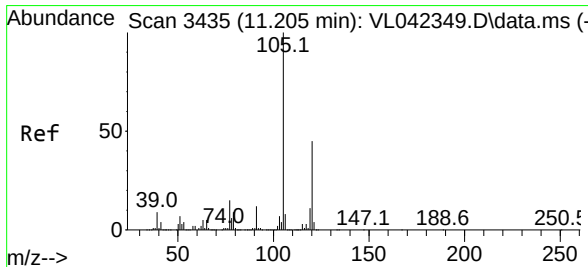
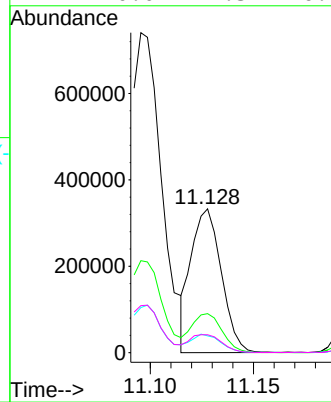
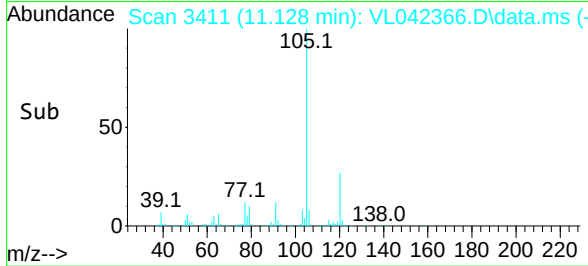
Instrument : MSVOA_L
ClientSampleId : IA-DUP-3-03312025



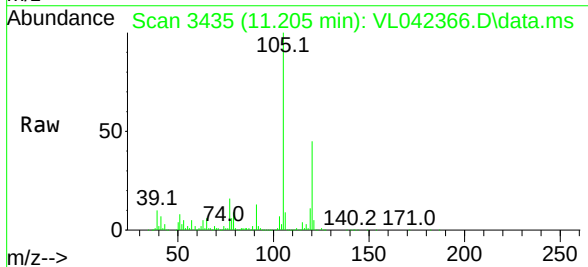
Tgt Ion:105 Resp: 338919
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8
91 0.0 10.4 15.6
77 0.0 11.3 16.9

Manual Integrations
APPROVED

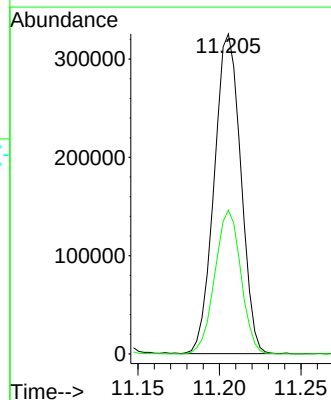
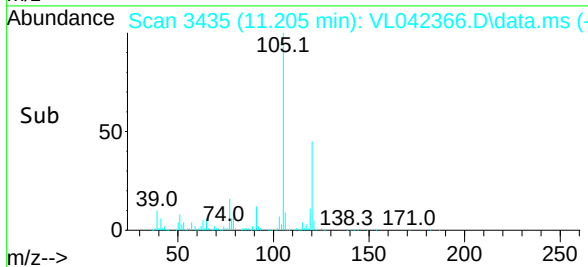
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

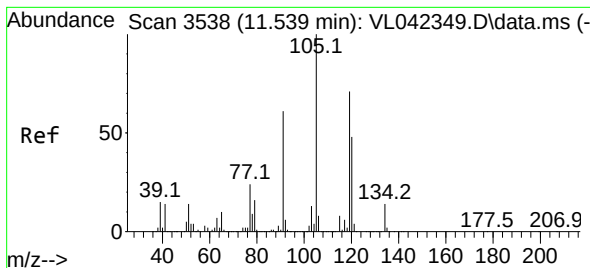


#73
1,3,5-Trimethylbenzene
Concen: 7.008 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



Tgt Ion:105 Resp: 368859
Ion Ratio Lower Upper
105 100
120 45.0 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 19.268 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042366.D

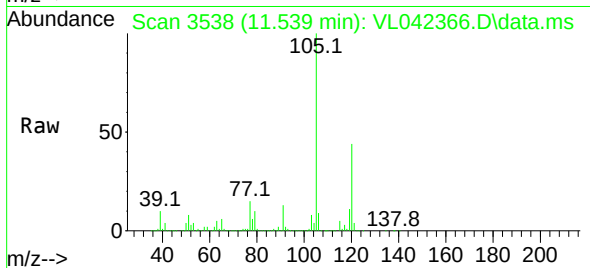
Acq: 17 Apr 2025 20:05

Instrument :

MSVOA_L

ClientSampleId :

IA-DUP-3-03312025



Tgt Ion:105 Resp: 118451

Ion Ratio Lower Upper

105 100

120 43.8 38.1 57.1

91 13.0 48.8 73.2

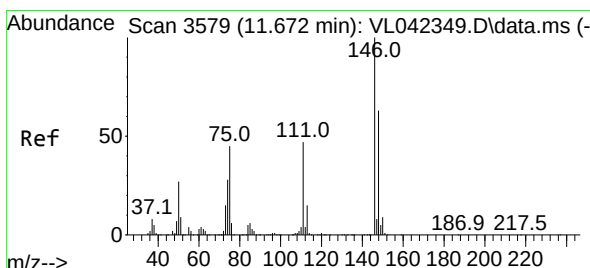
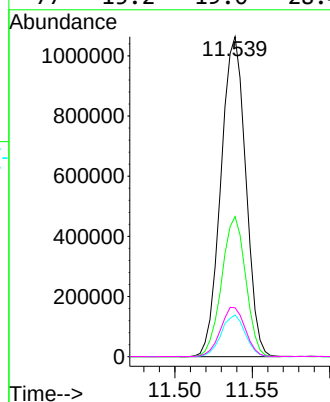
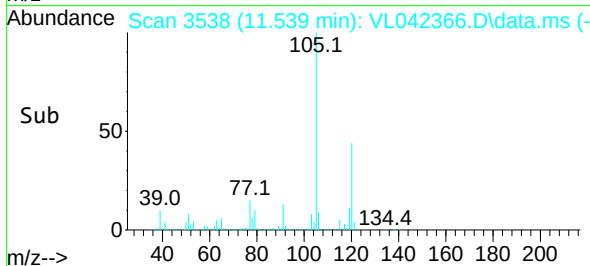
77 15.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#76

1,4-Dichlorobenzene

Concen: 0.257 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL042366.D

Acq: 17 Apr 2025 20:05

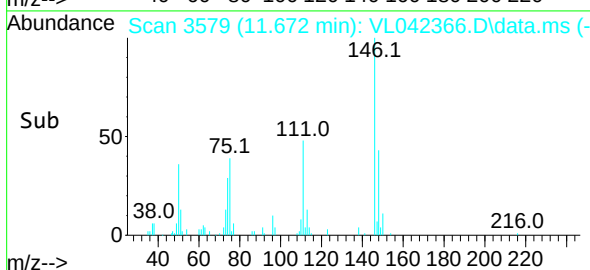
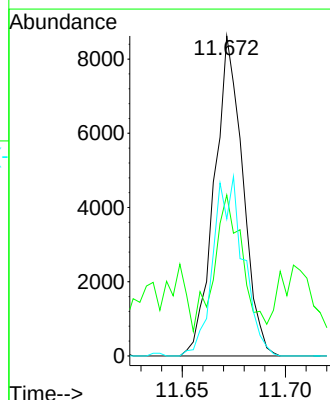
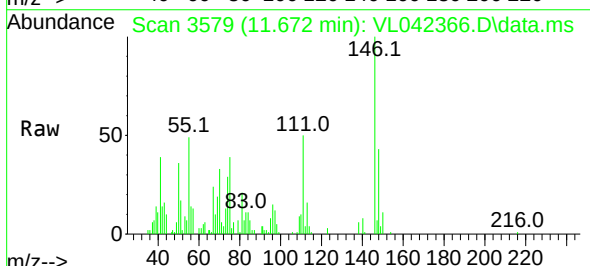
Tgt Ion:146 Resp: 8250

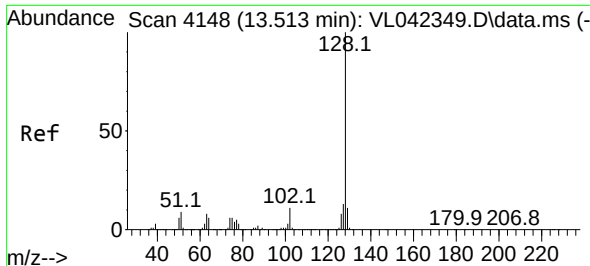
Ion Ratio Lower Upper

146 100

111 144.4 24.2 72.6

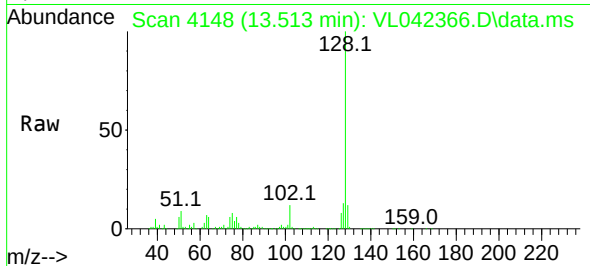
148 59.7 32.1 96.5





#79
Naphthalene
Concen: 2.334 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05

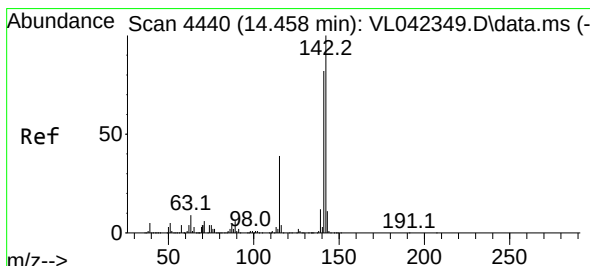
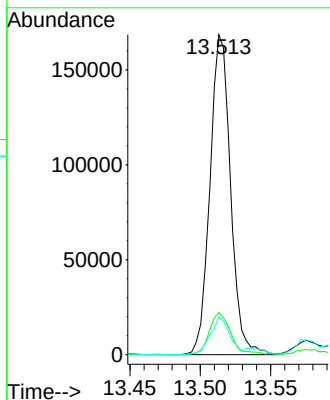
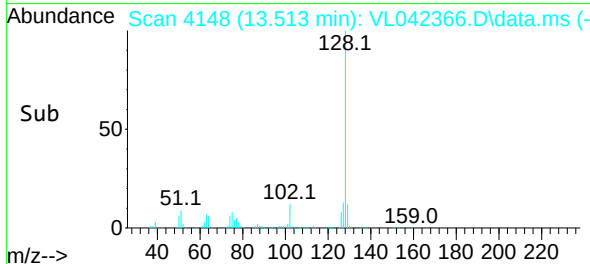
Instrument : MSVOA_L
ClientSampleId : IA-DUP-3-03312025



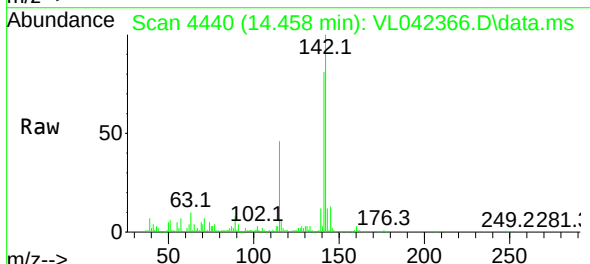
Tgt Ion:128 Resp: 171574
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.8 8.6 12.8

Manual Integrations
APPROVED

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



#80
Naphthalene,2-methyl-
Concen: 1.241 ppbv m
RT: 14.458 min Scan# 4440
Delta R.T. 0.000 min
Lab File: VL042366.D
Acq: 17 Apr 2025 20:05



Tgt Ion:142 Resp: 52010
Ion Ratio Lower Upper
142 100
141 42.5 66.8 100.2#
115 21.7 33.4 50.2#

