

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042856.D
 Acq On : 13 Aug 2025 17:43
 Operator : SY/MD
 Sample : Q2794-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/14/2025
 Supervised By : Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 02:19:17 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 14 2025

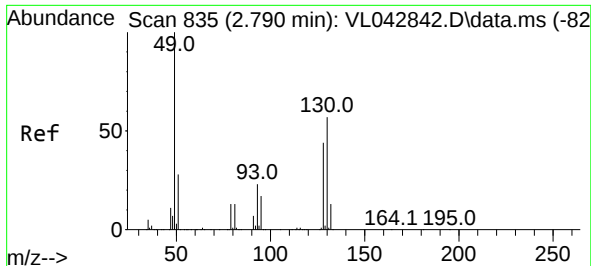
QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

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

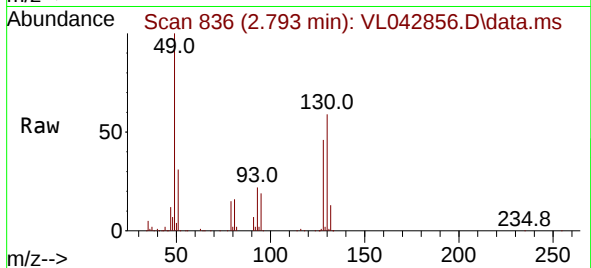
Internal Standards						
1) Bromochloromethane	2.793	49	128396	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	393431	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	334635	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	257886	10.276	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.502	85	8175	0.434	ppbv	96
4) Chloromethane	1.534	50	4213	0.555	ppbv #	87
9) Propene	1.489	41	17449m	1.943	ppbv	
10) Heptane	4.994	43	38056	1.582	ppbv	100
11) Trichlorofluoromethane	1.884	101	4166	0.224	ppbv	85
13) Ethanol	1.729	45	1155226	1406.519	ppbv	94
15) Acetone	1.839	43	559018	32.913	ppbv	99
17) tert-Butyl alcohol	2.052	59	5116m	0.254	ppbv	
19) Isopropyl Alcohol	1.890	45	625704	61.679	ppbv #	74
20) Methylene Chloride	2.068	84	6492	0.912	ppbv #	82
25) Ethyl Acetate	2.845	43	164136	3.993	ppbv #	96
26) Hexane	2.836	57	46115m	2.430	ppbv	
29) Chloroform	2.855	83	7795	0.288	ppbv	89
30) Cyclohexane	3.874	84	17066m	1.026	ppbv	
34) 2-Butanone	2.567	43	22988	0.865	ppbv	97
35) Carbon Tetrachloride	3.777	117	2056m	0.076	ppbv	
36) Benzene	3.667	78	48134	1.278	ppbv	96
43) Methyl Methacrylate	4.900	69	8831m	0.569	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	146940	2.298	ppbv	90
50) 4-Methyl-2-Pentanone	5.791	43	7264m	0.202	ppbv	
52) Tetrachloroethene	8.244	164	707m	0.052	ppbv	
53) Toluene	6.949	91	493089	11.009	ppbv	99
58) Ethyl Benzene	9.370	91	98105	1.661	ppbv	96
59) m/p-Xylene	9.542	91	251271	5.429	ppbv #	100
60) o-Xylene	9.976	91	95586	2.053	ppbv	99
61) Styrene	9.882	104	3364m	0.154	ppbv	
62) Isopropylbenzene	10.552	105	7611	0.112	ppbv	99
64) n-propylbenzene	10.998	120	6004	0.346	ppbv	92
69) p-Isopropyltoluene	11.934	119	20563	0.284	ppbv	97
72) 4-Ethyltoluene	11.134	105	30628	0.543	ppbv #	64
73) 1,3,5-Trimethylbenzene	11.212	105	23270	0.485	ppbv	93
74) 1,2,4-Trimethylbenzene	11.545	105	96672	1.835	ppbv #	59
76) 1,4-Dichlorobenzene	11.684	146	4550m	0.150	ppbv	
79) Naphthalene	13.520	128	51249	1.073	ppbv	95
80) Naphthalene,2-methyl-	14.465	142	3255	0.182	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

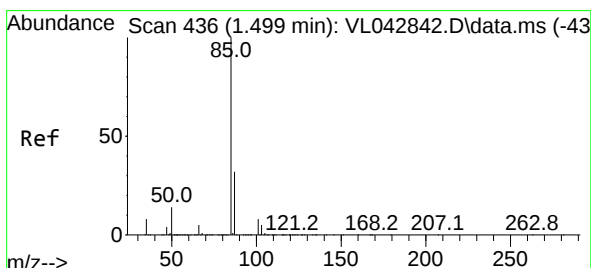
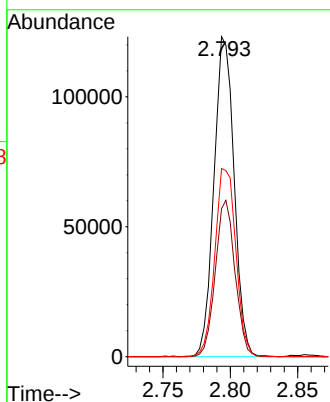
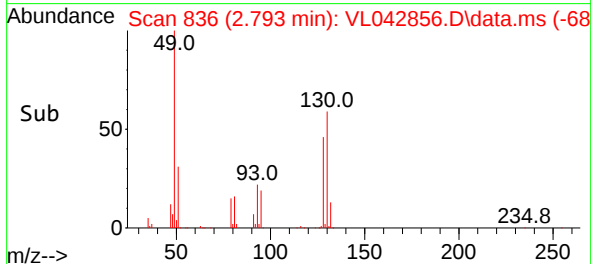
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 49 Resp: 128390
Ion Ratio Lower Upper
49 100
128 47.7 23.7 71.1
130 61.3 30.6 91.6

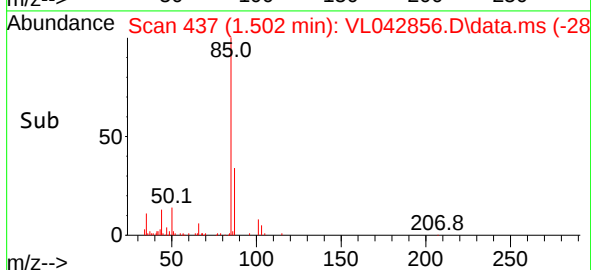
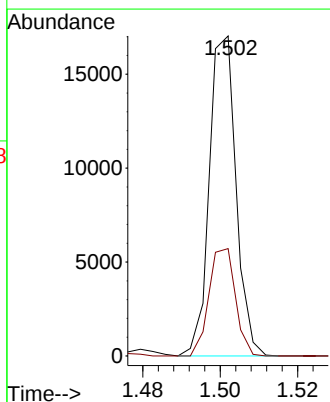
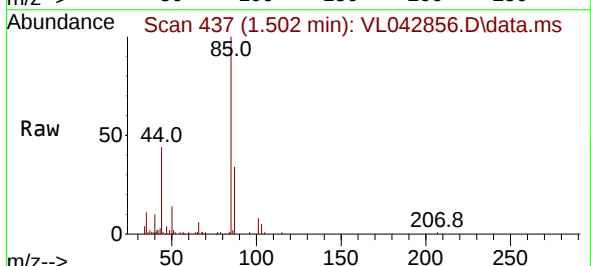
Manual Integrations
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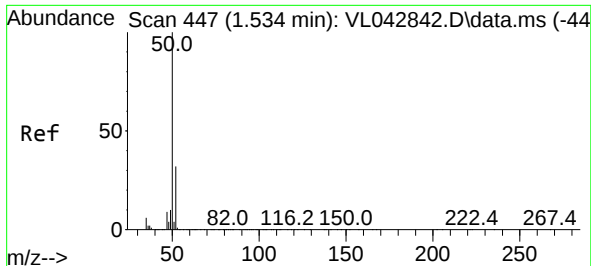
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 0.434 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

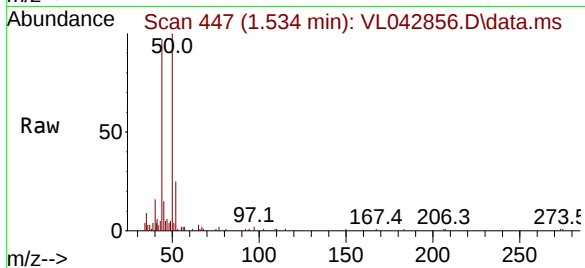
Tgt Ion: 85 Resp: 8175
Ion Ratio Lower Upper
85 100
87 33.6 25.3 37.9





#4
Chloromethane
Concen: 0.555 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

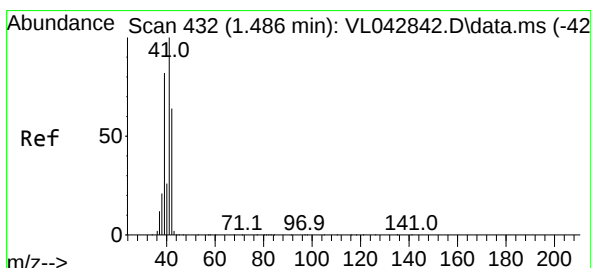
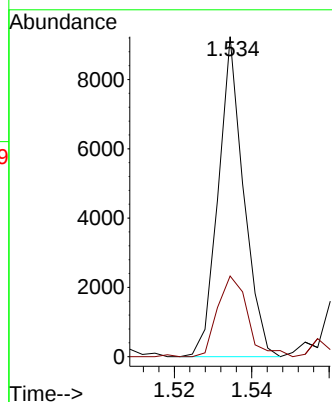
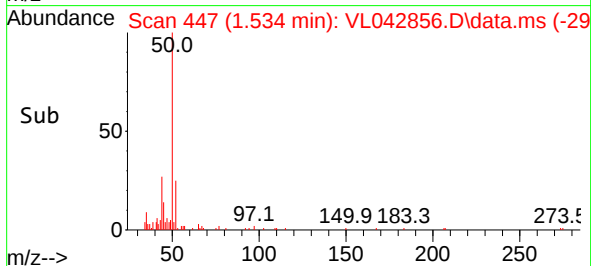
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



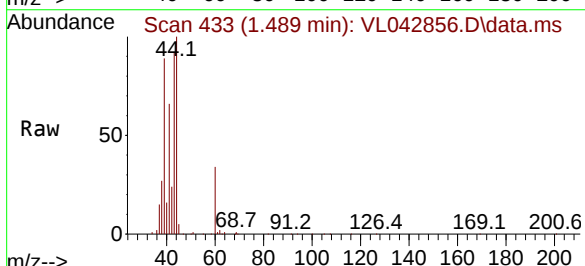
Tgt Ion: 50 Resp: 4211
Ion Ratio Lower Upper
50 100
52 25.2 25.9 38.9

Manual Integrations
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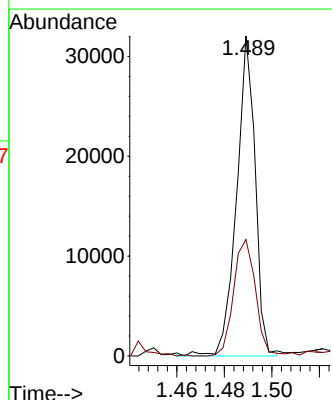
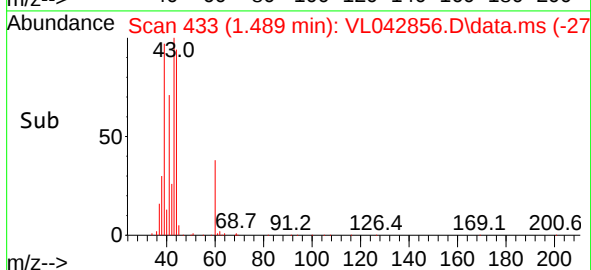
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

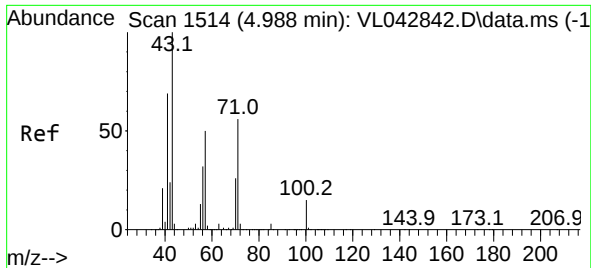


#9
Propene
Concen: 1.943 ppbv m
RT: 1.489 min Scan# 433
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



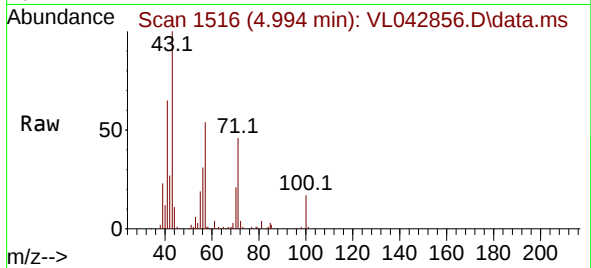
Tgt Ion: 41 Resp: 17449
Ion Ratio Lower Upper
41 100
42 186.6 53.0 79.4





#10
Heptane
Concen: 1.582 ppbv
RT: 4.994 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

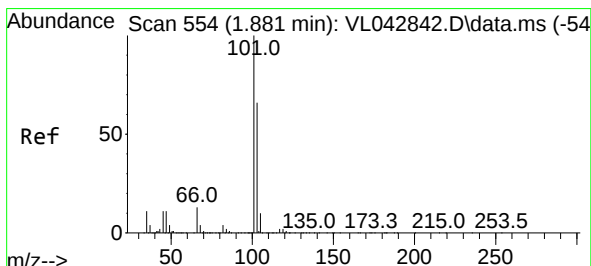
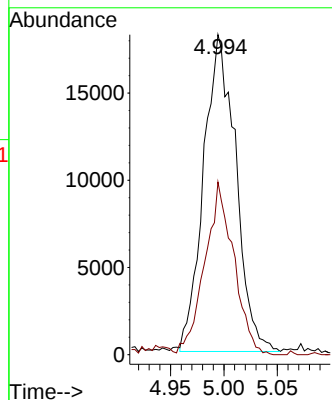
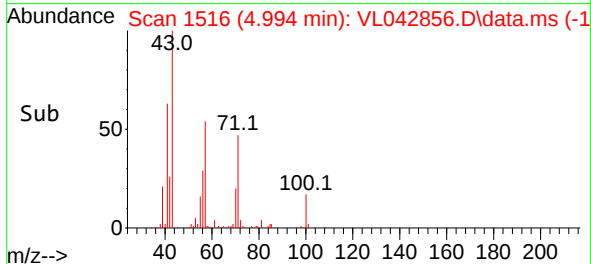
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 3805
Ion Ratio Lower Upper
43 100
57 51.9 41.4 62.0

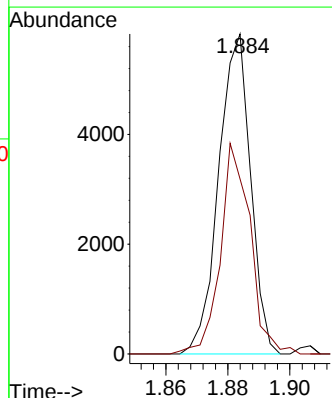
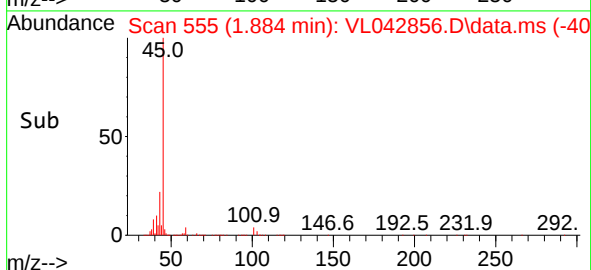
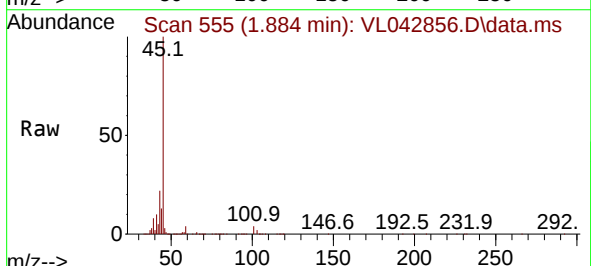
Manual Integrations
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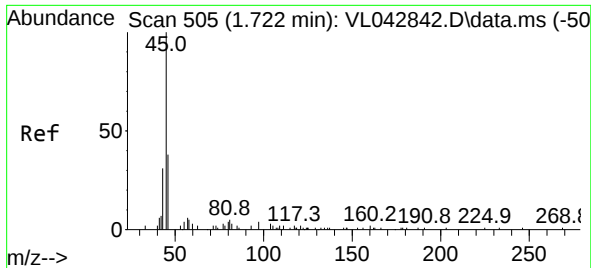
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#11
Trichlorofluoromethane
Concen: 0.224 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

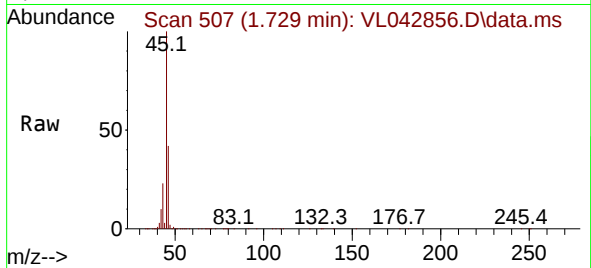
Tgt Ion:101 Resp: 4166
Ion Ratio Lower Upper
101 100
103 53.8 52.5 78.7





#13
Ethanol
Concen: 1406.519 ppbv
RT: 1.729 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

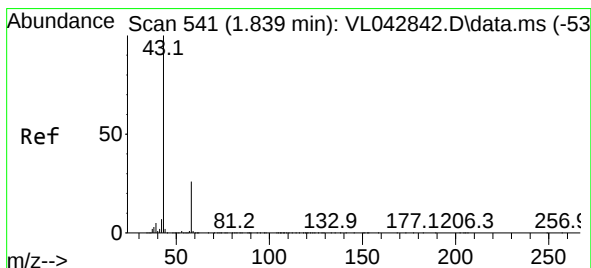
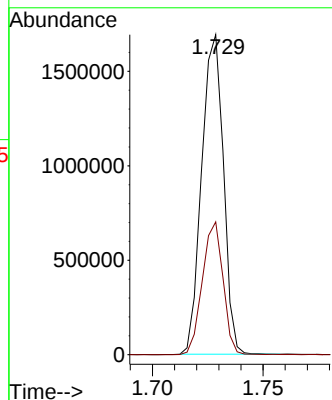
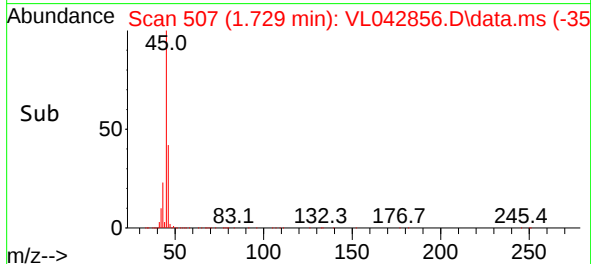
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



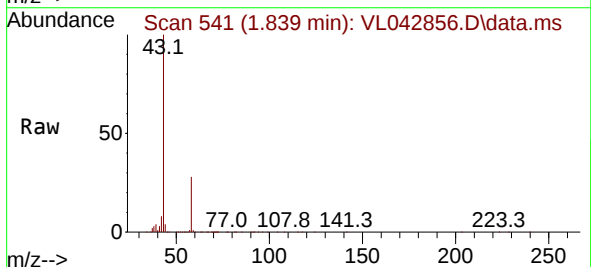
Tgt Ion: 45 Resp: 1155220
Ion Ratio Lower Upper
45 100
46 39.7 17.5 69.9

Manual Integrations
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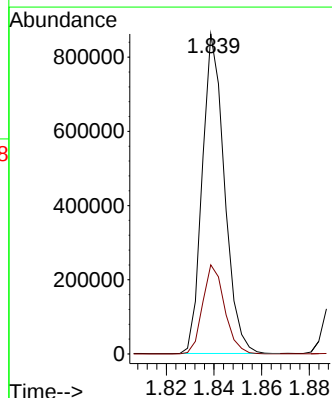
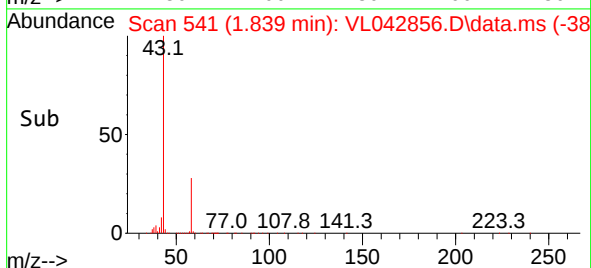
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

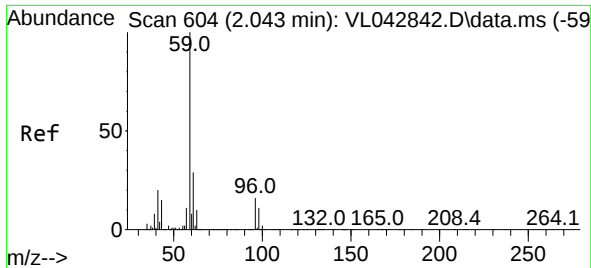


#15
Acetone
Concen: 32.913 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



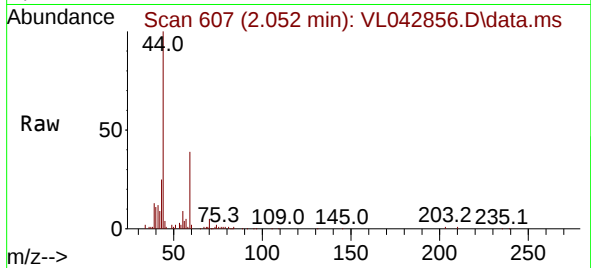
Tgt Ion: 43 Resp: 559018
Ion Ratio Lower Upper
43 100
58 27.6 22.4 33.6





#17
tert-Butyl alcohol
Concen: 0.254 ppbv m
RT: 2.052 min Scan# 604
Delta R.T. 0.010 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

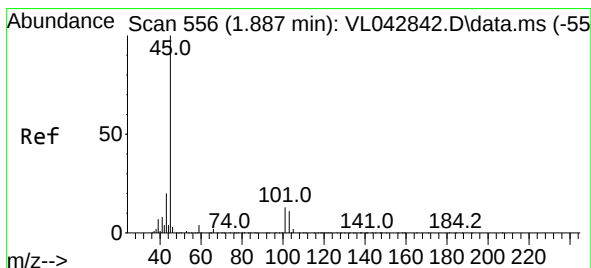
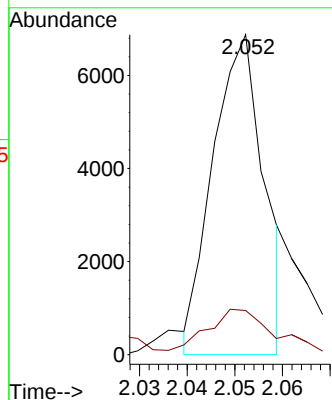
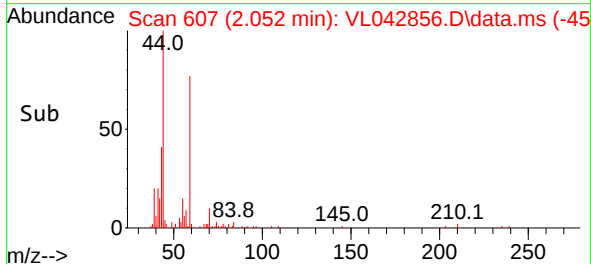
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 59 Resp: 5110
Ion Ratio Lower Upper
59 100
57 46.9 9.0 13.4

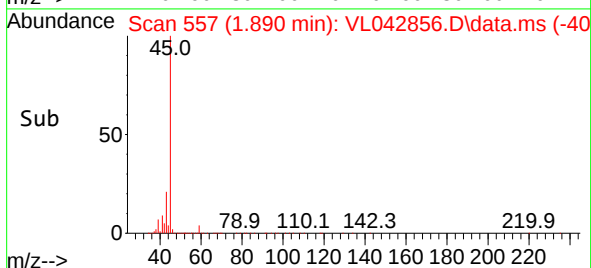
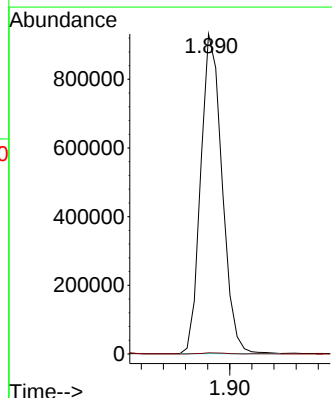
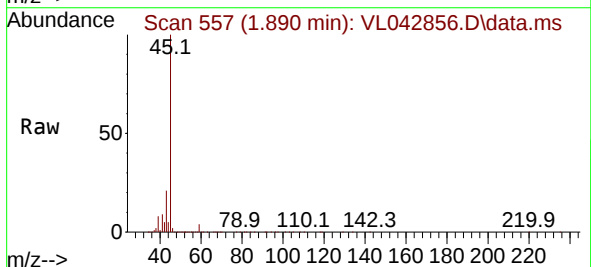
Manual Integrations
APPROVED

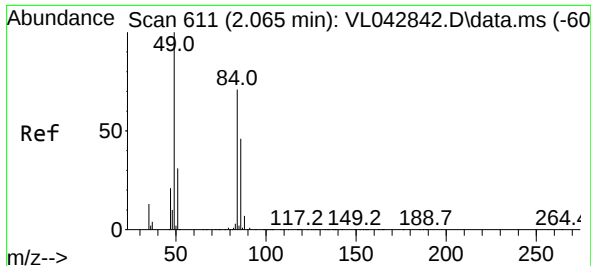
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#19
Isopropyl Alcohol
Concen: 61.679 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

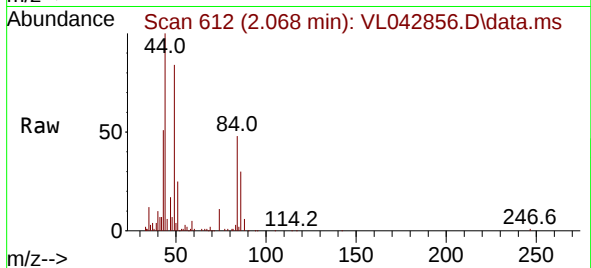
Tgt Ion: 45 Resp: 625704
Ion Ratio Lower Upper
45 100
58 24.7 32.7 49.1





#20
Methylene Chloride
Concen: 0.912 ppbv
RT: 2.068 min Scan# 611
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

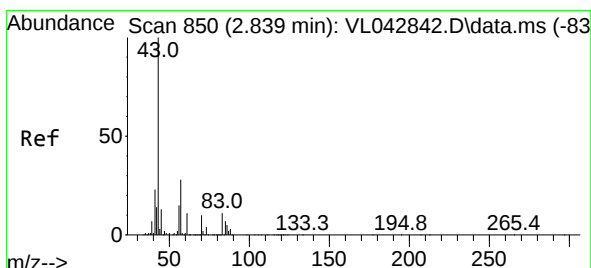
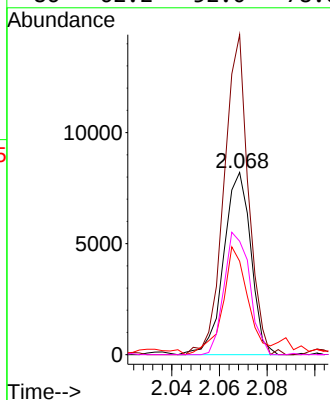
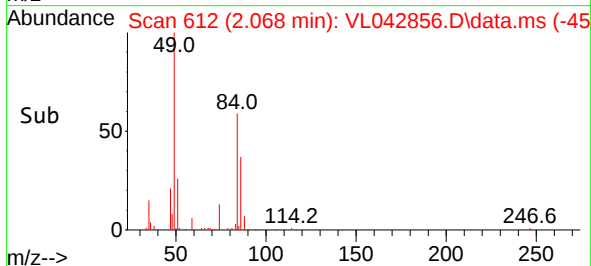
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



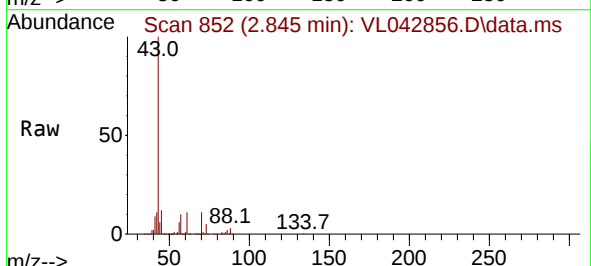
Tgt Ion: 84 Resp: 6492
Ion Ratio Lower Upper
84 100
49 175.6 112.3 168.5
51 48.6 36.0 54.0
86 62.2 52.0 78.0

Manual Integrations
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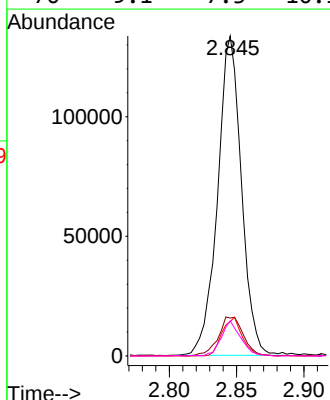
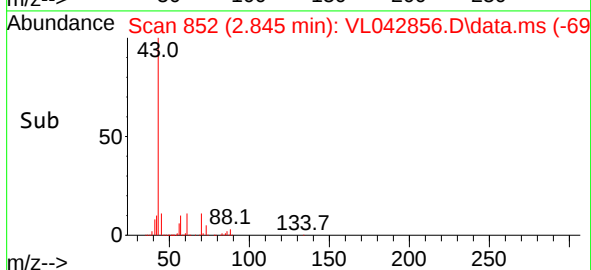
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

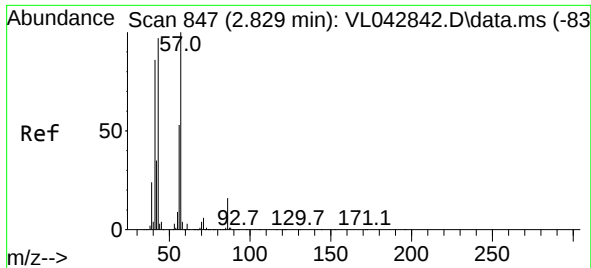


#25
Ethyl Acetate
Concen: 3.993 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



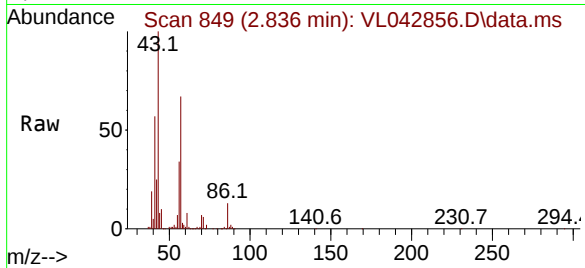
Tgt Ion: 43 Resp: 164136
Ion Ratio Lower Upper
43 100
45 13.4 8.1 12.1#
61 10.3 7.4 11.2
70 9.1 7.3 10.9





#26
Hexane
Concen: 2.430 ppbv m
RT: 2.836 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

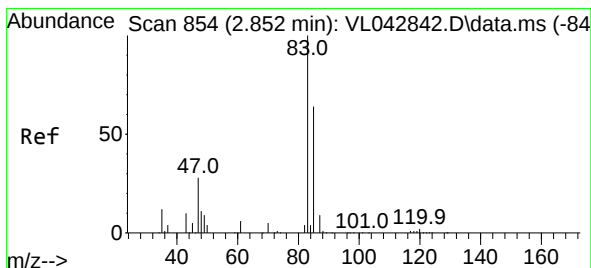
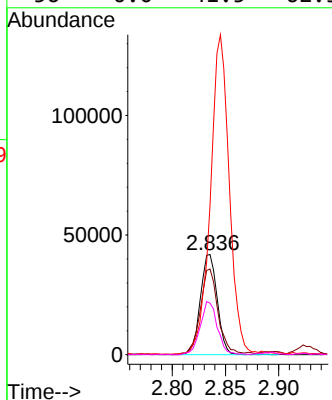
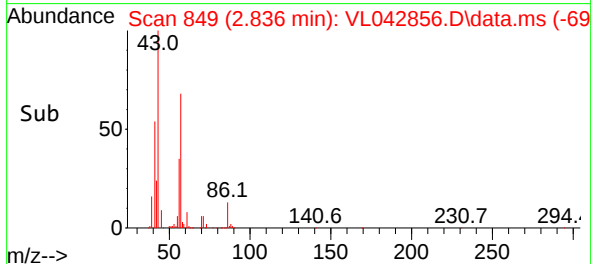
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 4611
Ion Ratio Lower Upper
57 100
41 0.0 68.6 103.0
43 0.0 168.5 252.7
56 0.0 41.5 62.3

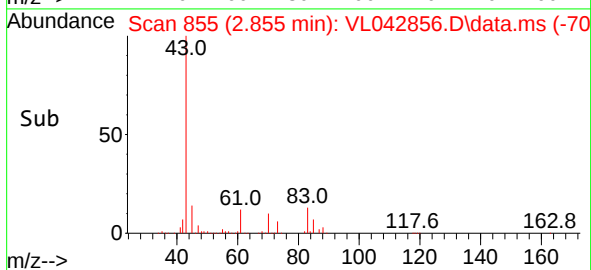
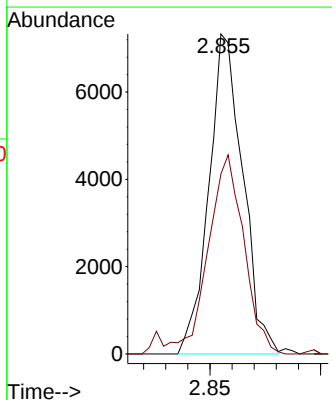
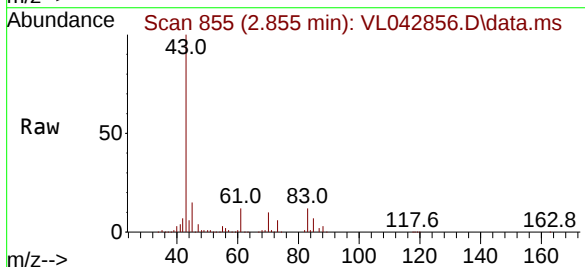
Manual Integrations
APPROVED

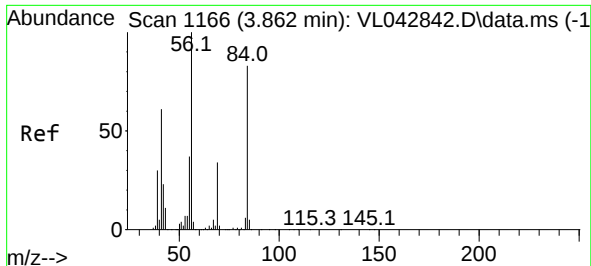
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#29
Chloroform
Concen: 0.288 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

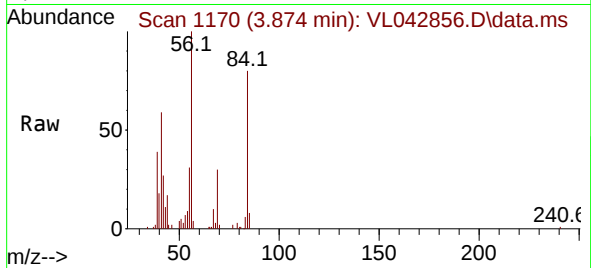
Tgt Ion: 83 Resp: 7795
Ion Ratio Lower Upper
83 100
85 55.6 51.1 76.7





#30
Cyclohexane
Concen: 1.026 ppbv m
RT: 3.874 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

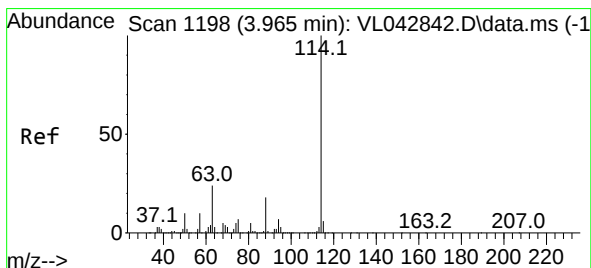
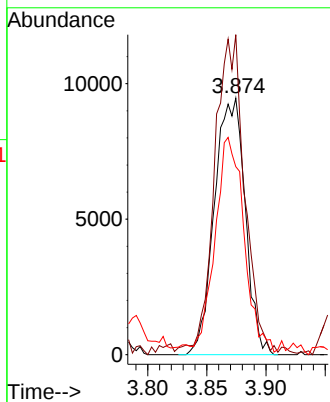
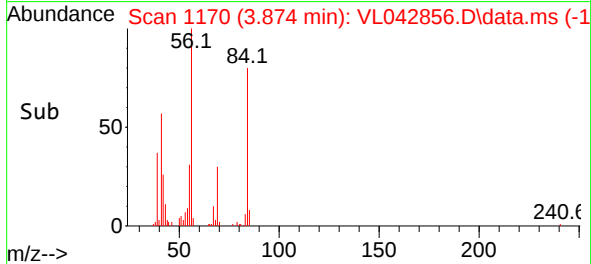
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 84 Resp: 17060
Ion Ratio Lower Upper
84 100
56 0.0 98.8 148.2
41 76.0 61.3 91.9

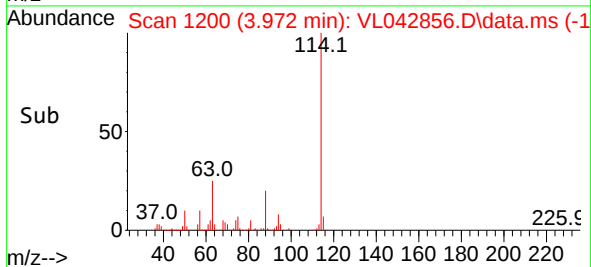
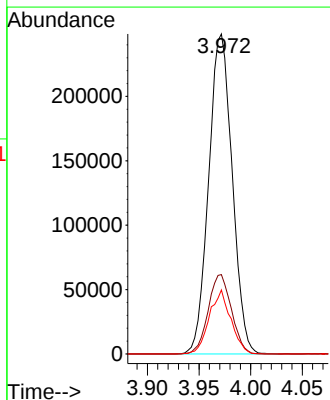
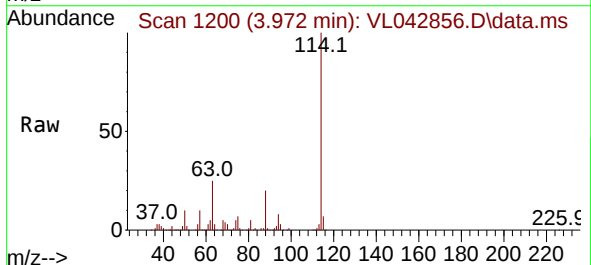
Manual Integrations
APPROVED

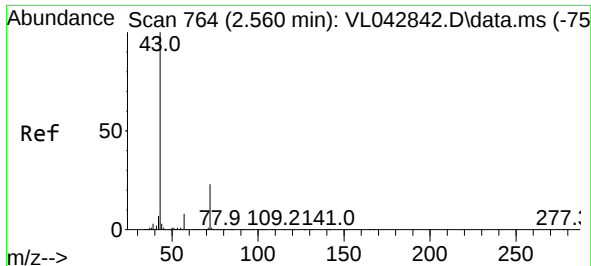
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Tgt Ion:114 Resp: 393431
Ion Ratio Lower Upper
114 100
63 24.5 19.7 29.5
88 18.3 14.4 21.6





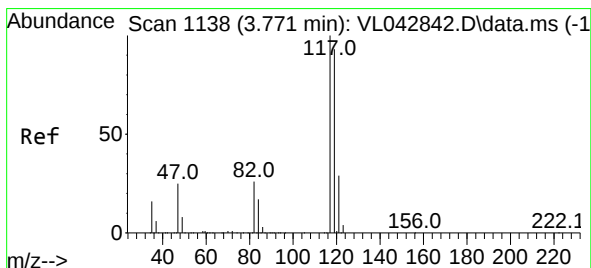
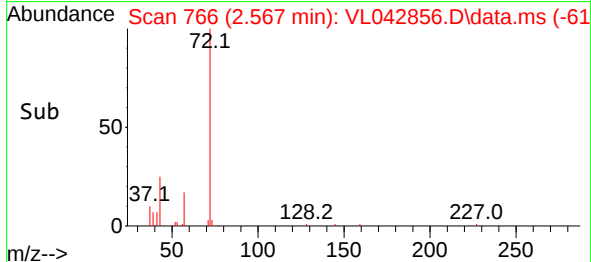
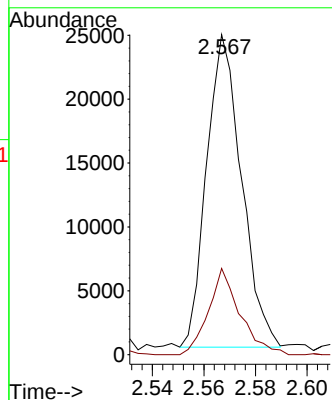
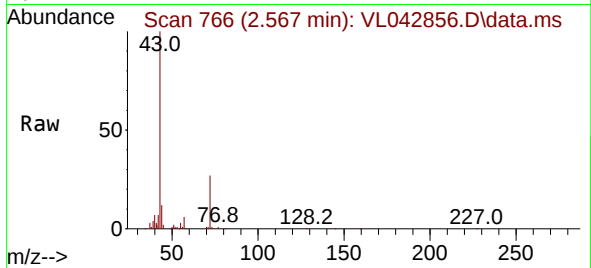
#34
2-Butanone
Concen: 0.865 ppbv
RT: 2.567 min Scan# 70
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 22988
Ion Ratio Lower Upper
43 100
72 24.9 18.6 28.0

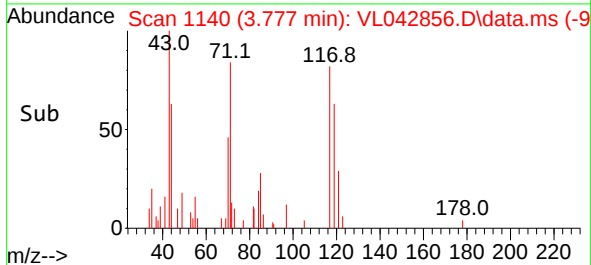
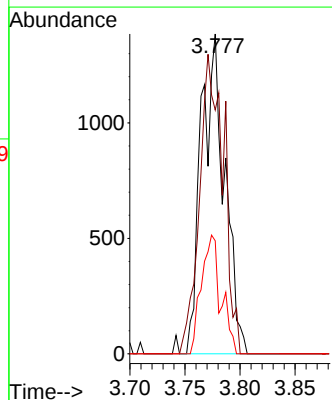
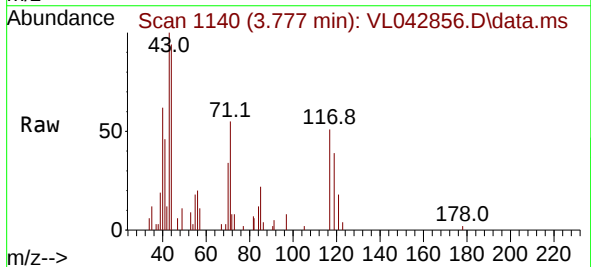
Manual Integrations
APPROVED

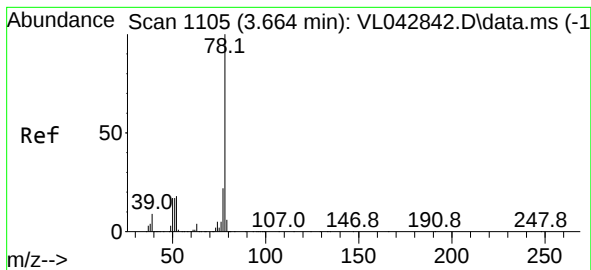
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#35
Carbon Tetrachloride
Concen: 0.076 ppbv m
RT: 3.777 min Scan# 1140
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Tgt Ion:117 Resp: 2056
Ion Ratio Lower Upper
117 100
119 76.2 74.7 112.1
121 35.3 23.2 34.8#





#36

Benzene

Concen: 1.278 ppbv

RT: 3.667 min Scan# 1105

Delta R.T. 0.003 min

Lab File: VL042856.D

Acq: 13 Aug 2025 17:43

Instrument :

MSVOA_L

ClientSampleId :

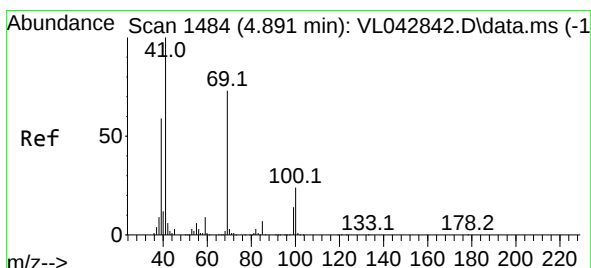
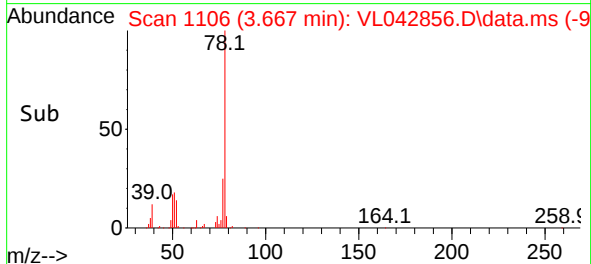
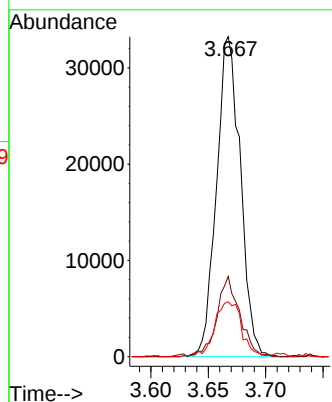
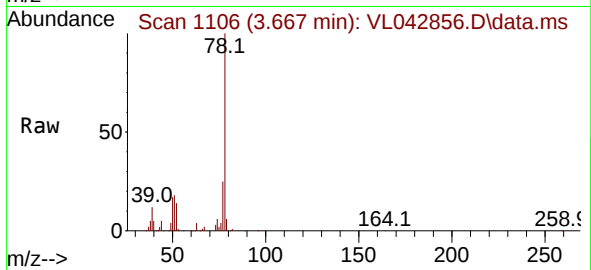
IA1DUP

Tgt Ion: 78	Resp: 48134
Ion Ratio	Lower Upper
78 100	
77 25.1	17.7 26.5
50 17.1	13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#43

Methyl Methacrylate

Concen: 0.569 ppbv m

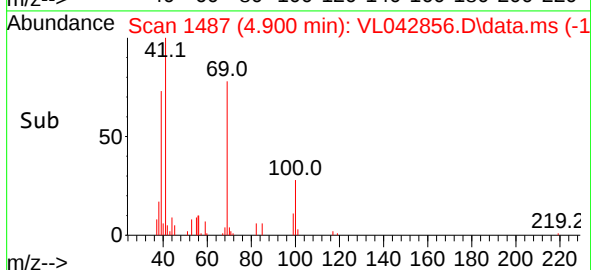
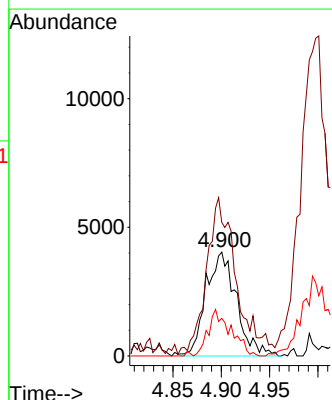
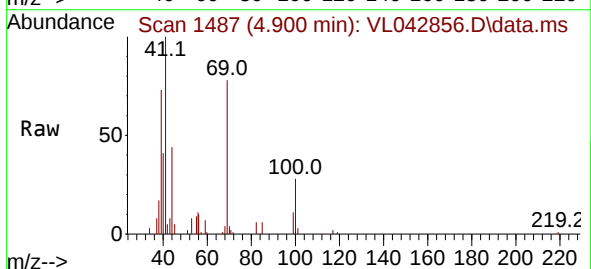
RT: 4.900 min Scan# 1487

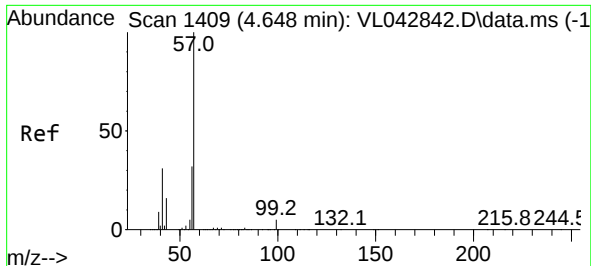
Delta R.T. 0.010 min

Lab File: VL042856.D

Acq: 13 Aug 2025 17:43

Tgt Ion: 69	Resp: 8831
Ion Ratio	Lower Upper
69 100	
41 146.2	114.6 172.0
100 34.2	30.2 45.4





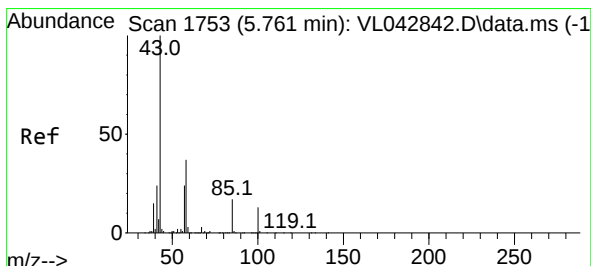
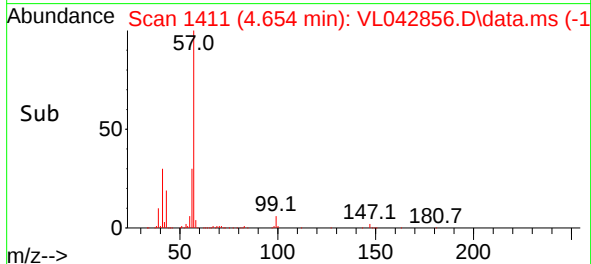
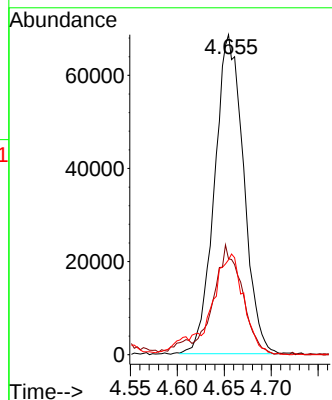
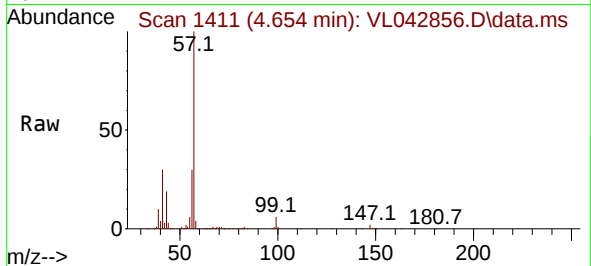
#44
2,2,4-Trimethylpentane
Concen: 2.298 ppbv
RT: 4.654 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 57 Resp: 146940
Ion Ratio Lower Upper
57 100
41 36.7 24.8 37.2
56 37.3 25.5 38.3

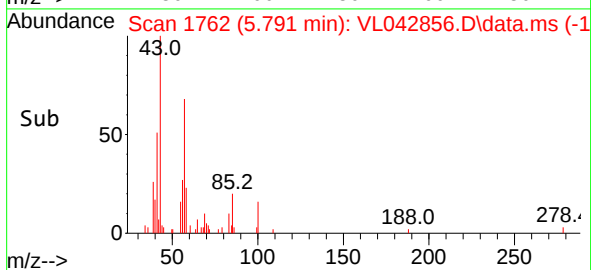
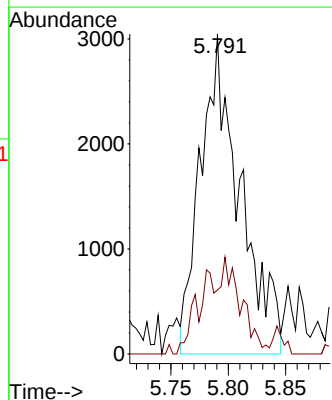
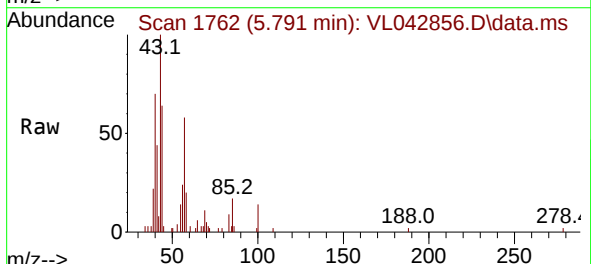
Manual Integrations
APPROVED

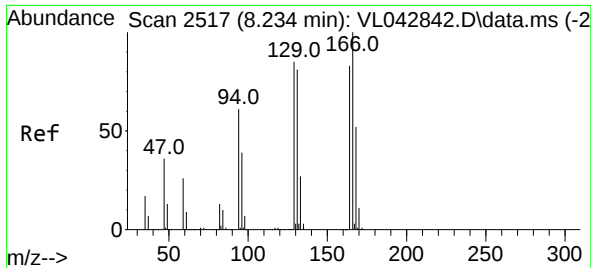
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#50
4-Methyl-2-Pentanone
Concen: 0.202 ppbv m
RT: 5.791 min Scan# 1762
Delta R.T. 0.029 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

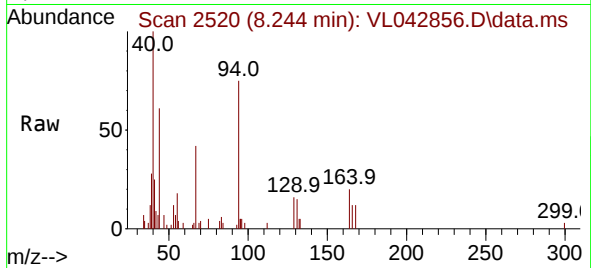
Tgt Ion: 43 Resp: 7264
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8#





#52
Tetrachloroethene
Concen: 0.052 ppbv m
RT: 8.244 min Scan# 2120
Delta R.T. 0.010 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

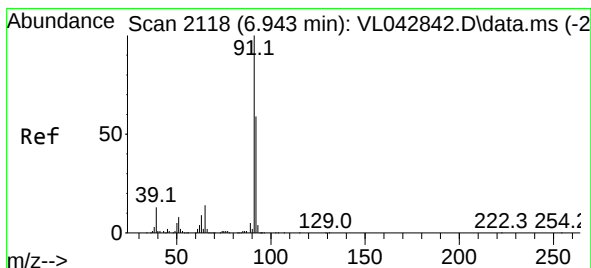
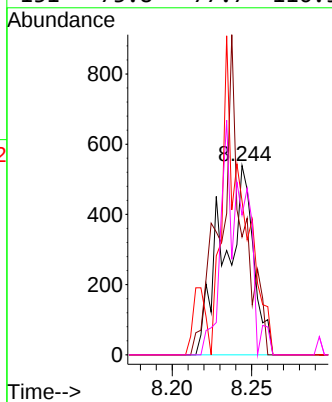
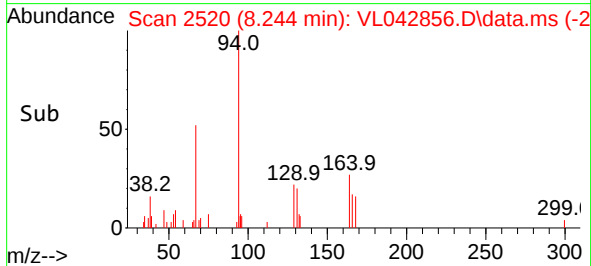
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:164 Resp: 70
Ion Ratio Lower Upper
164 100
166 62.3 96.5 144.7
129 81.3 81.8 122.6
131 73.8 77.7 116.5

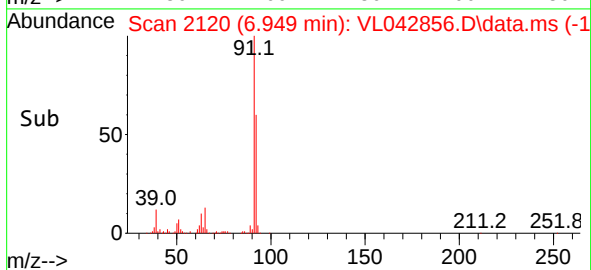
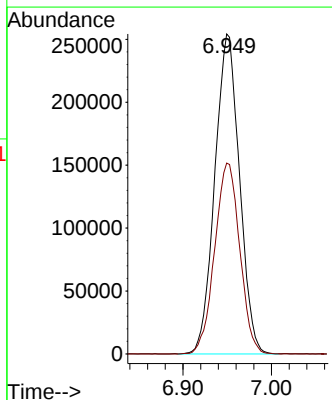
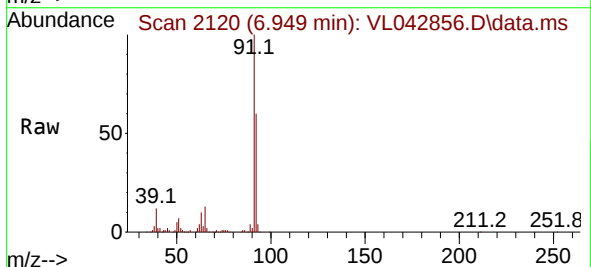
Manual Integrations
APPROVED

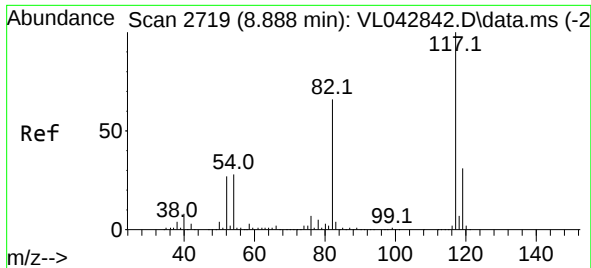
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#53
Toluene
Concen: 11.009 ppbv
RT: 6.949 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

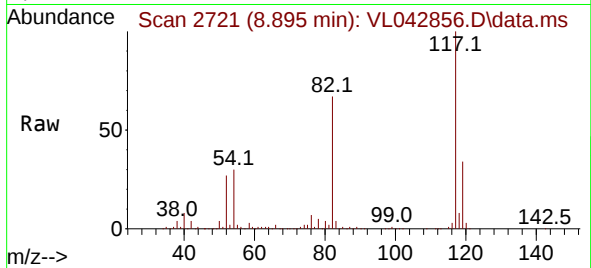
Tgt Ion: 91 Resp: 493089
Ion Ratio Lower Upper
91 100
92 60.5 47.8 71.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.895 min Scan# 2719
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

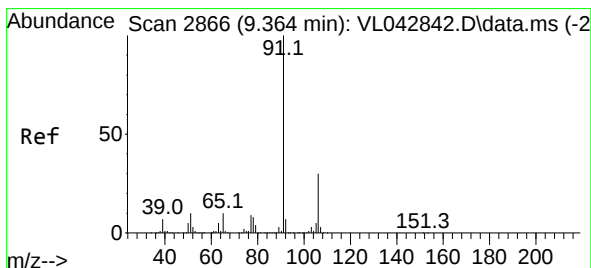
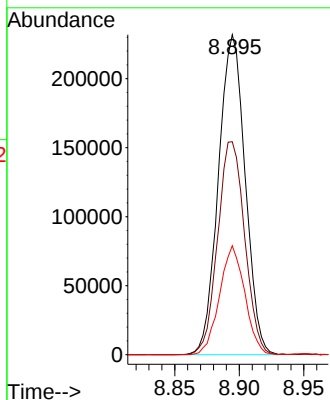
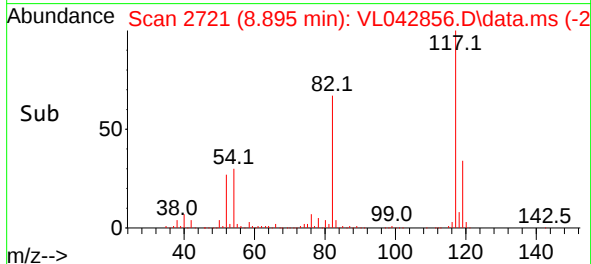
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:117 Resp: 33463
Ion Ratio Lower Upper
117 100
82 67.3 54.6 81.8
119 32.1 25.9 38.9

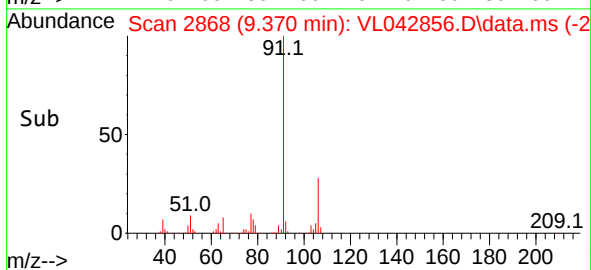
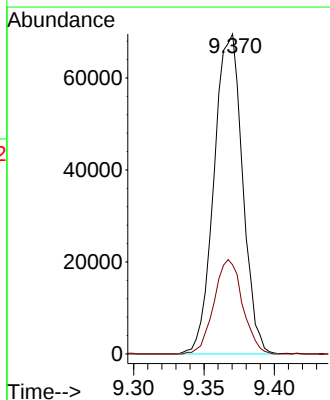
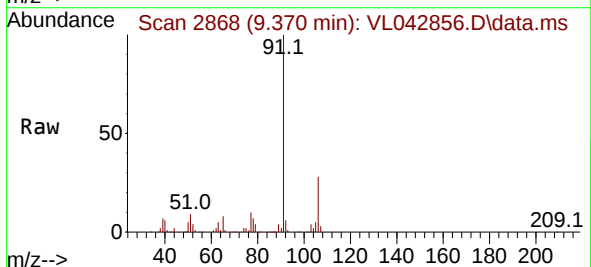
Manual Integrations
APPROVED

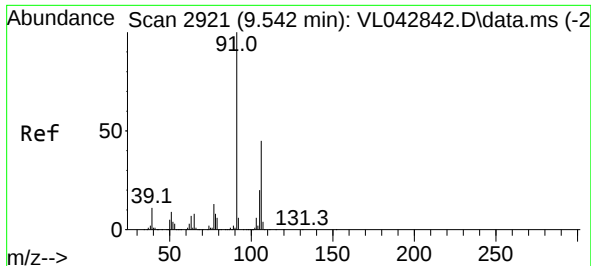
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#58
Ethyl Benzene
Concen: 1.661 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Tgt Ion: 91 Resp: 98105
Ion Ratio Lower Upper
91 100
106 27.9 23.9 35.9





#59

m/p-Xylene

Concen: 5.429 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.000 min

Lab File: VL042856.D

Acq: 13 Aug 2025 17:43

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion: 91 Resp: 25127

Ion Ratio Lower Upper

91 100

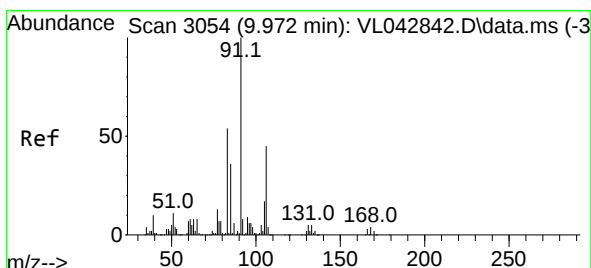
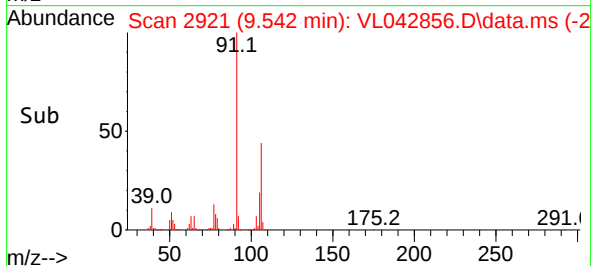
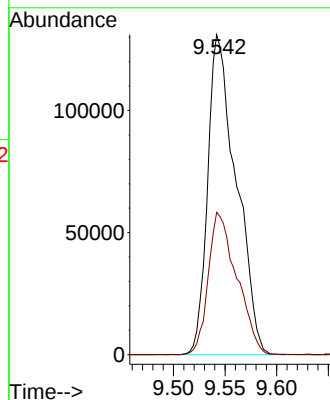
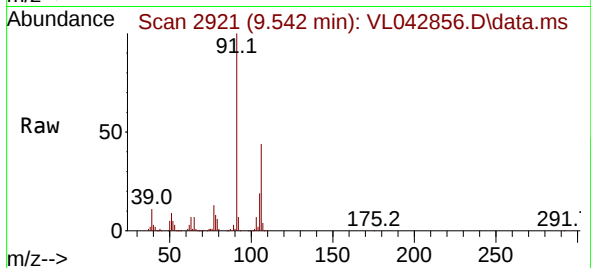
106 44.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#60

o-Xylene

Concen: 2.053 ppbv

RT: 9.976 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VL042856.D

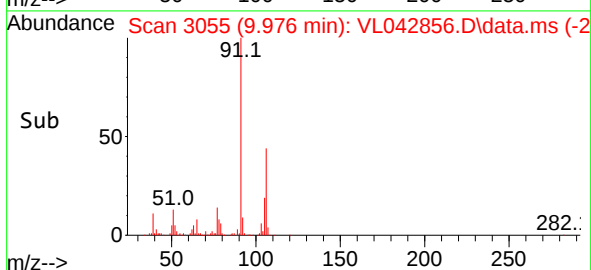
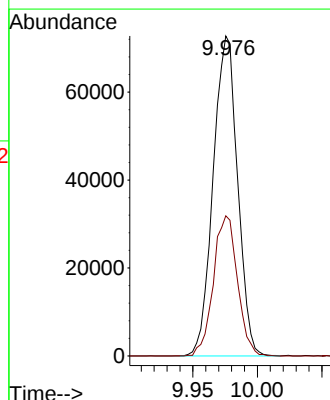
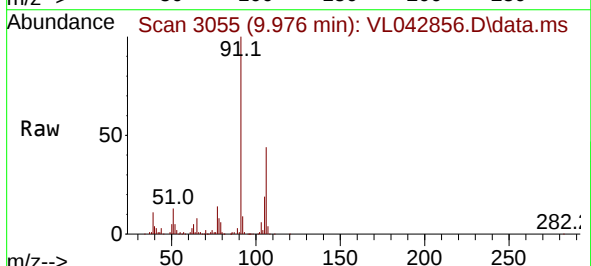
Acq: 13 Aug 2025 17:43

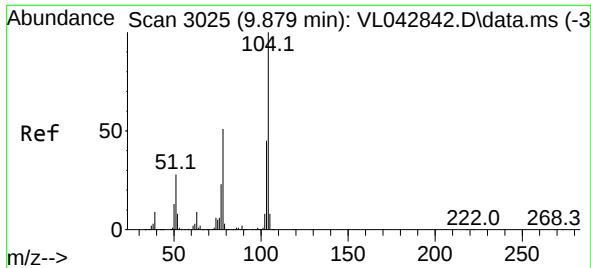
Tgt Ion: 91 Resp: 95586

Ion Ratio Lower Upper

91 100

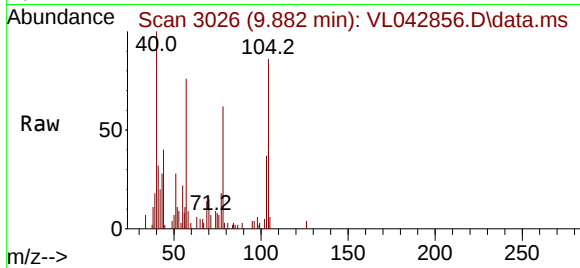
106 43.1 21.8 65.4





#61
Styrene
Concen: 0.154 ppbv m
RT: 9.882 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

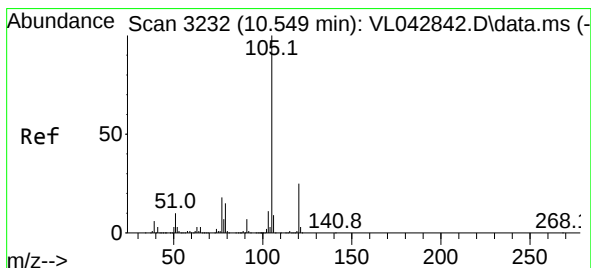
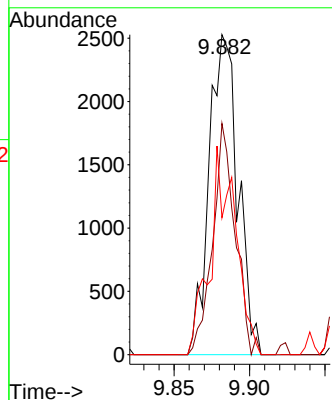
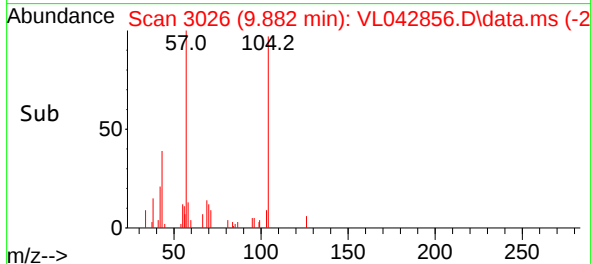
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



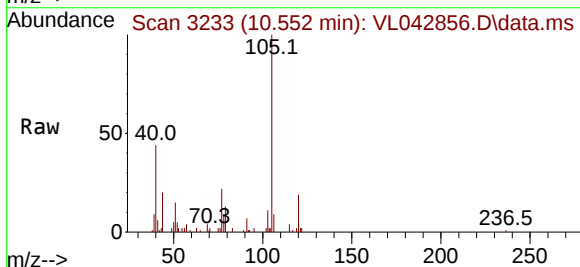
Tgt Ion:104 Resp: 3364
Ion Ratio Lower Upper
104 100
78 56.4 40.6 61.0
103 58.0 37.7 56.5

Manual Integrations
APPROVED

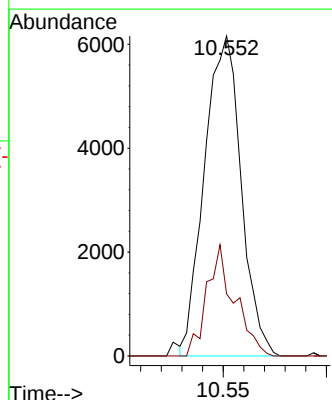
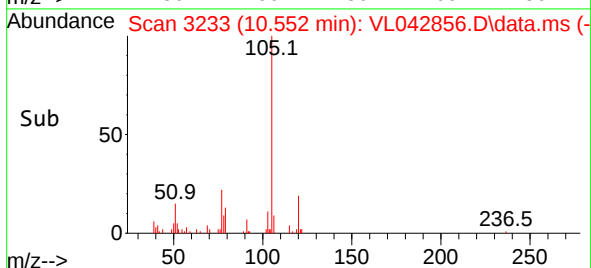
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

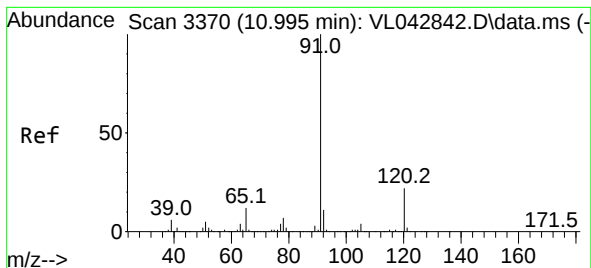


#62
Isopropylbenzene
Concen: 0.112 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



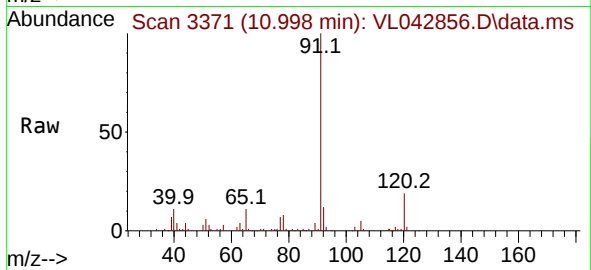
Tgt Ion:105 Resp: 7611
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8





#64
n-propylbenzene
Concen: 0.346 ppbv
RT: 10.998 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

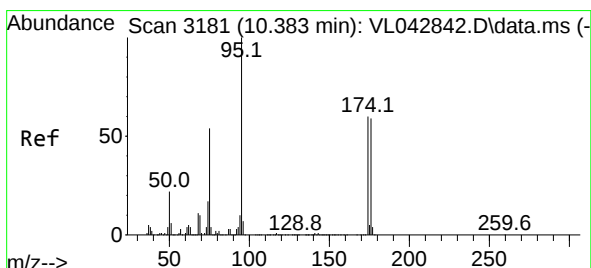
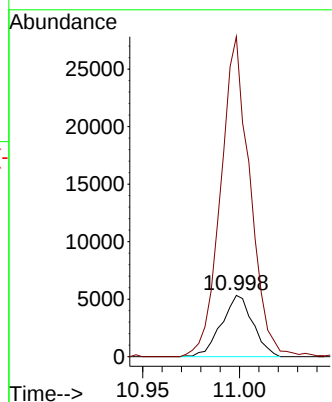
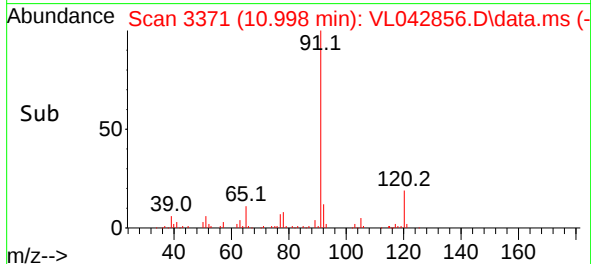
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



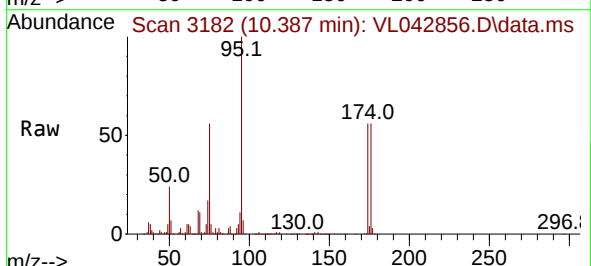
Tgt Ion:120 Resp: 6004
Ion Ratio Lower Upper
120 100
91 490.9 375.8 563.6

Manual Integrations
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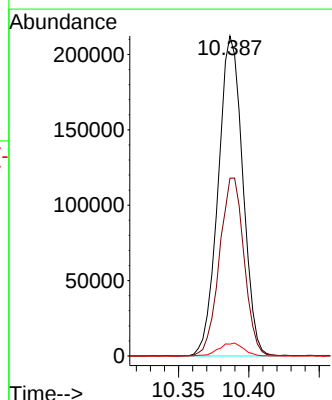
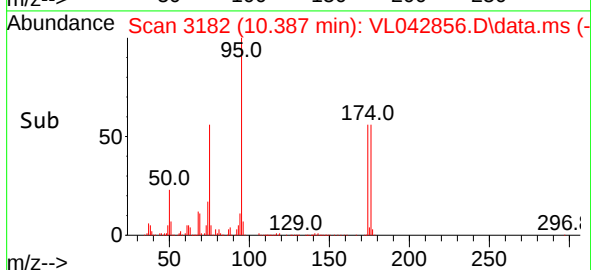
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

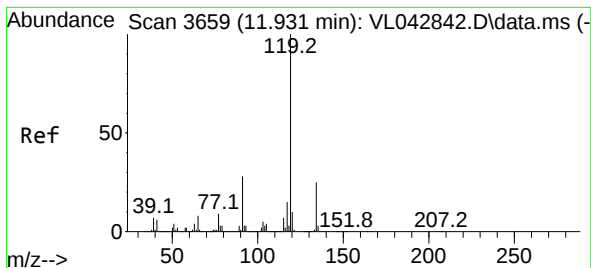


#68
1-Bromo-4-Fluorobenzene
Concen: 10.276 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



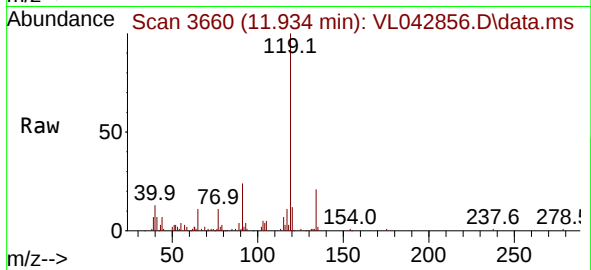
Tgt Ion: 95 Resp: 257886
Ion Ratio Lower Upper
95 100
174 55.9 48.4 72.6
175 4.1 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.284 ppbv
RT: 11.934 min Scan# 3659
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

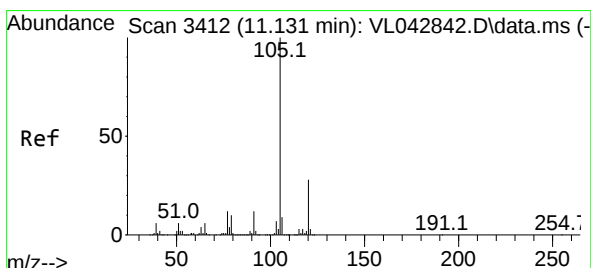
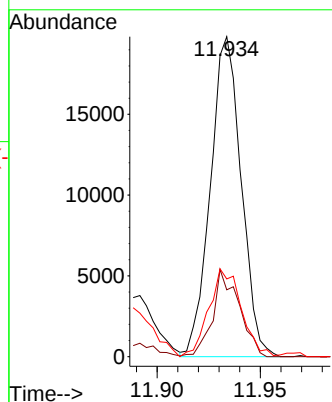
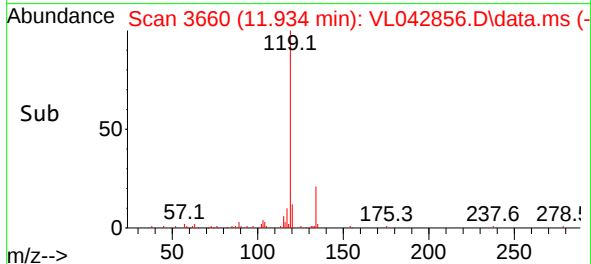
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



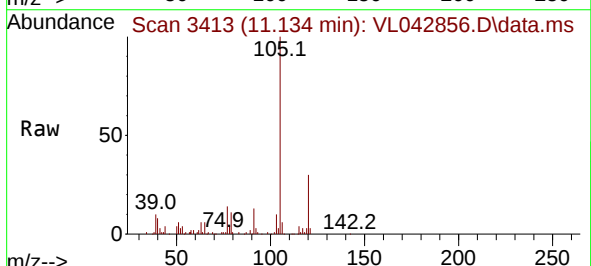
Tgt Ion:119 Resp: 2056
Ion Ratio Lower Upper
119 100
134 23.4 20.6 30.8
91 29.4 22.6 34.0

Manual Integrations
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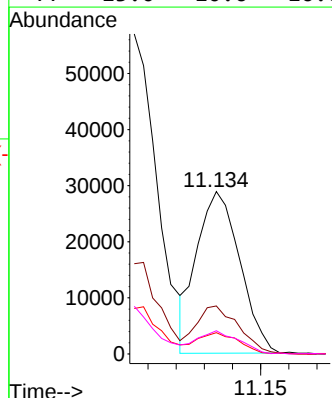
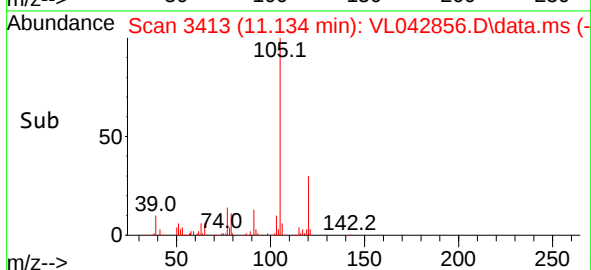
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

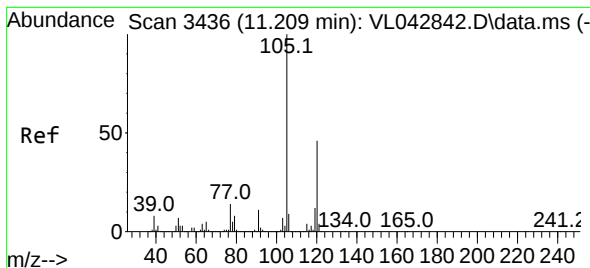


#72
4-Ethyltoluene
Concen: 0.543 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43



Tgt Ion:105 Resp: 30628
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.2#
91 0.0 9.8 14.6#
77 13.0 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 0.485 ppbv

RT: 11.212 min Scan# 3436

Delta R.T. 0.003 min

Lab File: VL042856.D

Acq: 13 Aug 2025 17:43

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:105 Resp: 23270

Ion Ratio Lower Upper

105 100

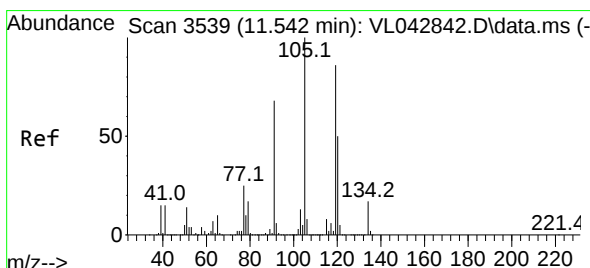
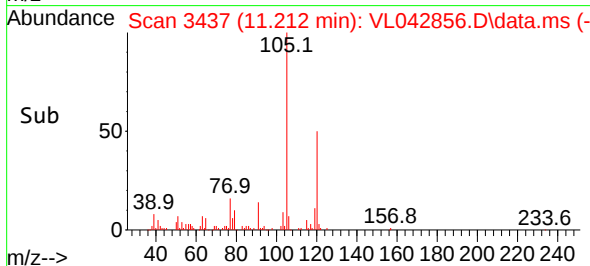
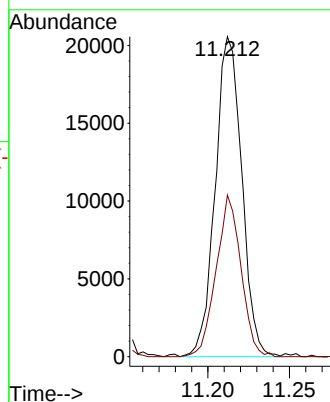
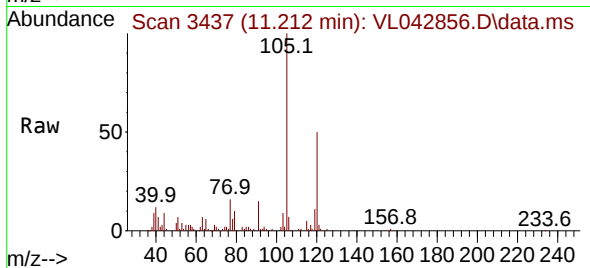
120 50.5 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 1.835 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. 0.003 min

Lab File: VL042856.D

Acq: 13 Aug 2025 17:43

Tgt Ion:105 Resp: 96672

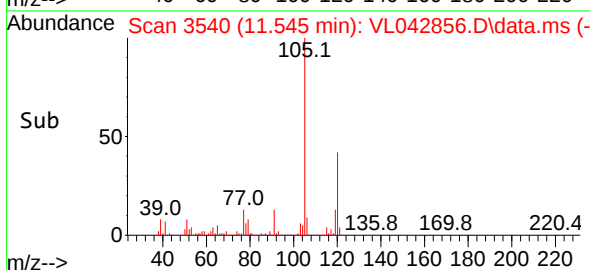
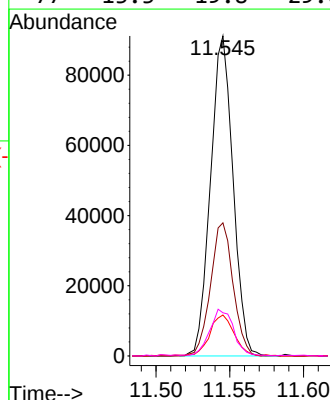
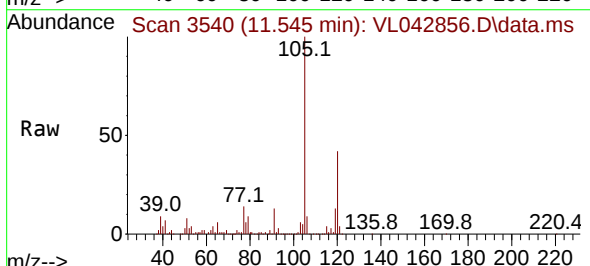
Ion Ratio Lower Upper

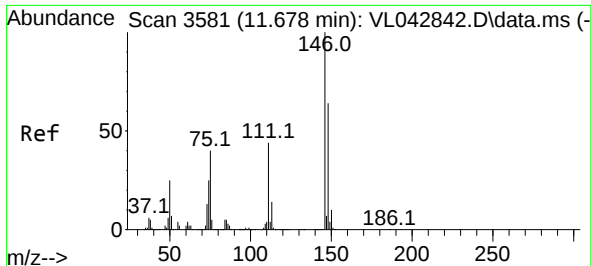
105 100

120 41.6 39.8 59.6

91 12.8 54.2 81.4#

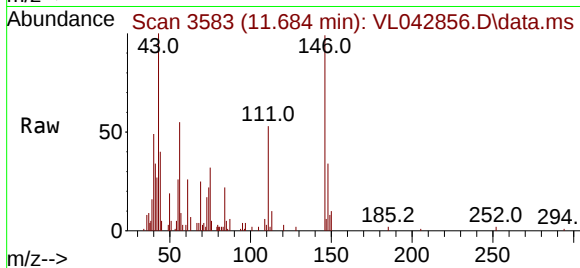
77 13.3 19.8 29.6#





#76
1,4-Dichlorobenzene
Concen: 0.150 ppbv m
RT: 11.684 min Scan# 3581
Delta R.T. 0.006 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

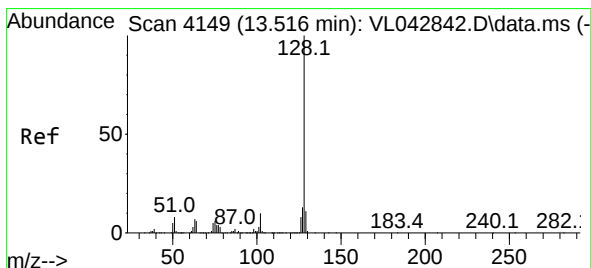
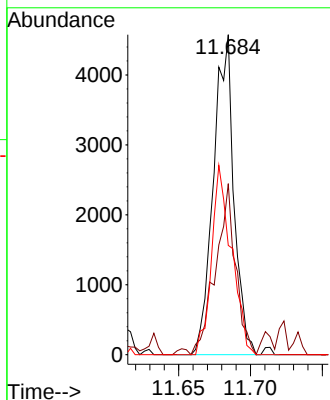
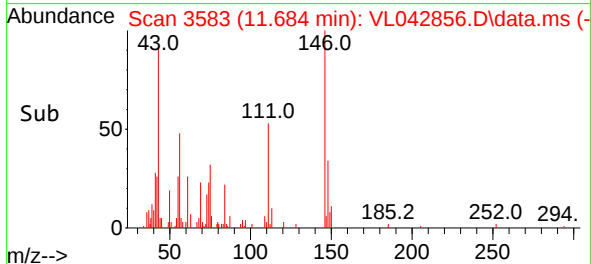
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:146 Resp: 4550
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1
148 0.0 31.8 95.3

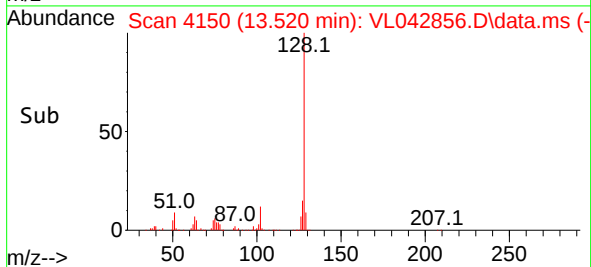
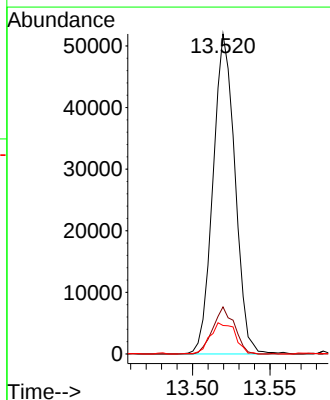
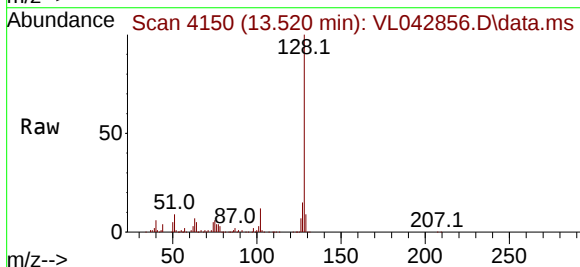
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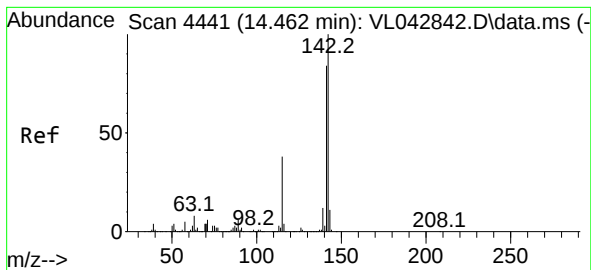
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#79
Naphthalene
Concen: 1.073 ppbv
RT: 13.520 min Scan# 4150
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

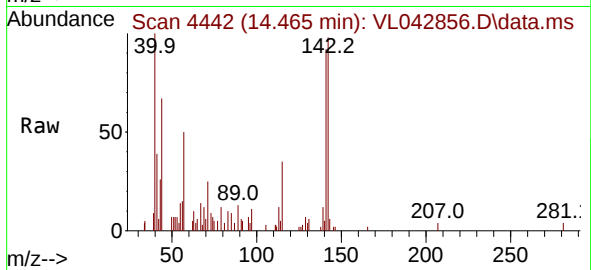
Tgt Ion:128 Resp: 51249
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 8.9 8.9 13.3





#80
Naphthalene, 2-methyl-
Concen: 0.182 ppbv
RT: 14.465 min Scan# 44
Delta R.T. 0.003 min
Lab File: VL042856.D
Acq: 13 Aug 2025 17:43

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:	142	Resp:	325
Ion Ratio	Lower	Upper	
142	100		
141	87.0	67.0	100.6
115	37.6	30.9	46.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

