

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042855.D
 Acq On : 13 Aug 2025 17:05
 Operator : SY/MD
 Sample : Q2794-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Aug 14 02:18:36 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	2.797	49	130086	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	394015	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	342698	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	259097	10.081	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	8432	0.442	ppbv	98
4) Chloromethane	1.534	50	4329	0.563	ppbv	97
9) Propene	1.489	41	16679m	1.833	ppbv	
10) Heptane	4.997	43	38989m	1.600	ppbv	
11) Trichlorofluoromethane	1.881	101	3908	0.208	ppbv #	81
13) Ethanol	1.728	45	1138122	1367.693	ppbv	94
15) Acetone	1.839	43	551685	32.060	ppbv	100
17) tert-Butyl alcohol	2.052	59	4973m	0.244	ppbv	
19) Isopropyl Alcohol	1.890	45	614099	59.749	ppbv #	75
20) Methylene Chloride	2.065	84	6907	0.958	ppbv	91
25) Ethyl Acetate	2.845	43	163265m	3.920	ppbv	
26) Hexane	2.835	57	44914	2.336	ppbv #	37
29) Chloroform	2.855	83	7860	0.286	ppbv #	82
30) Cyclohexane	3.868	84	17522	1.040	ppbv	97
34) 2-Butanone	2.567	43	24547	0.923	ppbv	98
35) Carbon Tetrachloride	3.764	117	1884m	0.069	ppbv	
36) Benzene	3.667	78	46541	1.234	ppbv	95
43) Methyl Methacrylate	4.900	69	8920m	0.574	ppbv	
44) 2,2,4-Trimethylpentane	4.658	57	144106	2.250	ppbv #	89
50) 4-Methyl-2-Pentanone	5.787	43	7171m	0.199	ppbv	
52) Tetrachloroethene	8.237	164	700m	0.051	ppbv	
53) Toluene	6.949	91	490532	10.936	ppbv	98
58) Ethyl Benzene	9.367	91	98450	1.628	ppbv	100
59) m/p-Xylene	9.542	91	247723	5.226	ppbv #	100
60) o-Xylene	9.972	91	96410	2.022	ppbv	100
61) Styrene	9.885	104	3722	0.167	ppbv #	91
62) Isopropylbenzene	10.548	105	8044	0.115	ppbv	97
64) n-propylbenzene	10.995	120	6276	0.353	ppbv	96
69) p-Isopropyltoluene	11.934	119	18753	0.253	ppbv	96
72) 4-Ethyltoluene	11.134	105	31067	0.537	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.212	105	23528	0.479	ppbv	97
74) 1,2,4-Trimethylbenzene	11.545	105	99976	1.853	ppbv #	57
76) 1,4-Dichlorobenzene	11.681	146	4557	0.147	ppbv	88
79) Naphthalene	13.520	128	49732	1.017	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	3925	0.215	ppbv	96

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

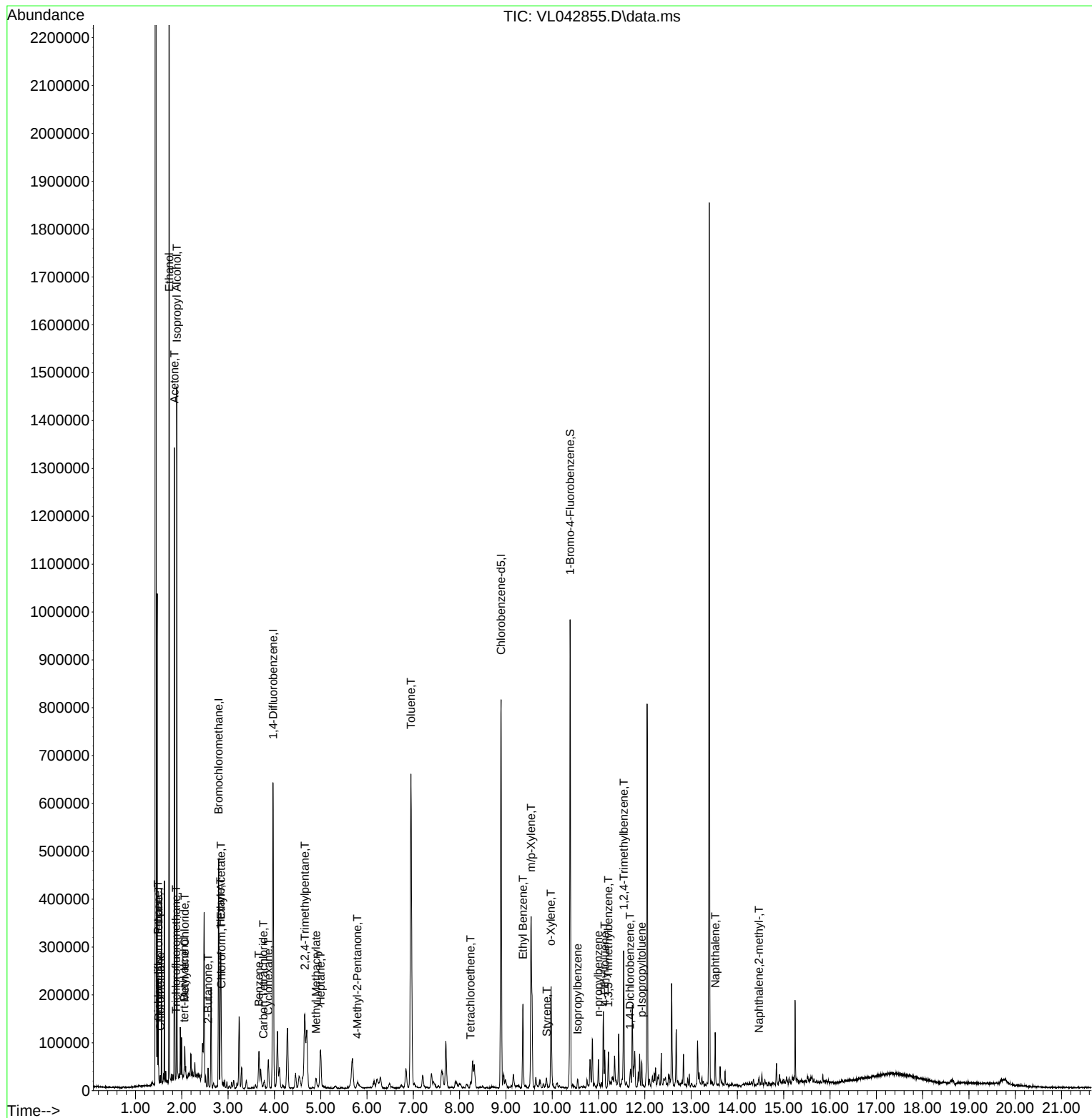
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Data File : VL042855.D
Acq On : 13 Aug 2025 17:05
Operator : SY/MD
Sample : Q2794-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

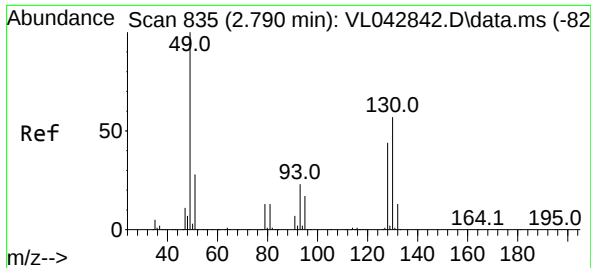
Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations
APPROVED

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

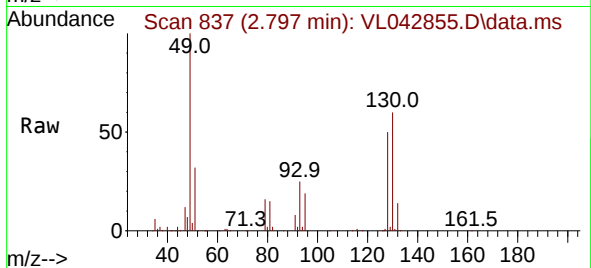
Quant Time: Aug 14 02:18:36 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 835
Delta R.T. 0.007 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

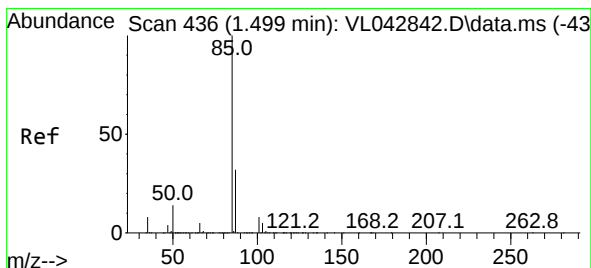
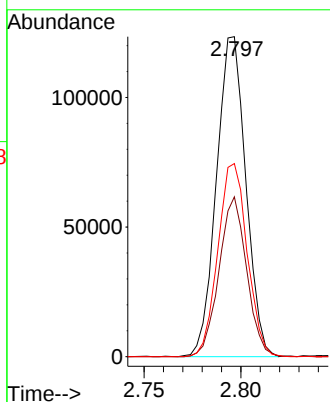
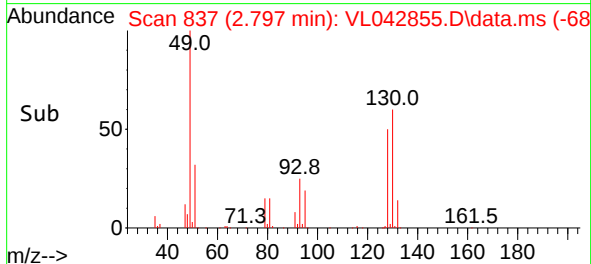
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 130080
Ion Ratio Lower Upper
49 100
128 47.0 23.7 71.1
130 60.2 30.6 91.6

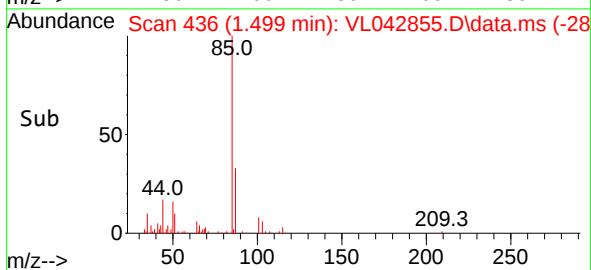
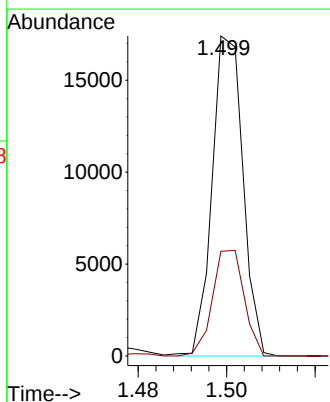
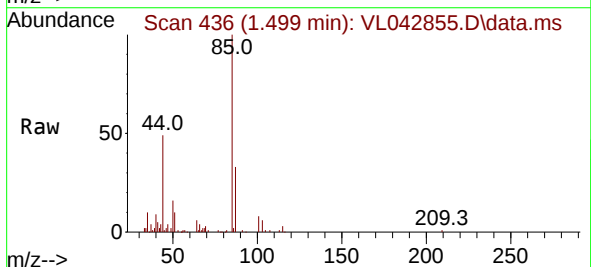
Manual Integrations
APPROVED

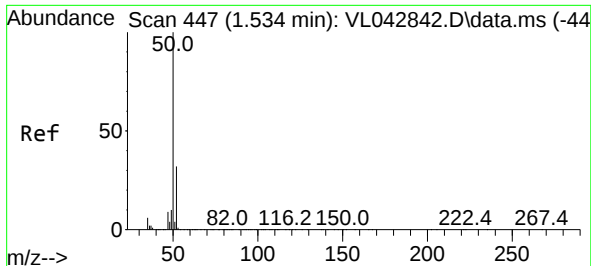
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#2
Dichlorodifluoromethane
Concen: 0.442 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

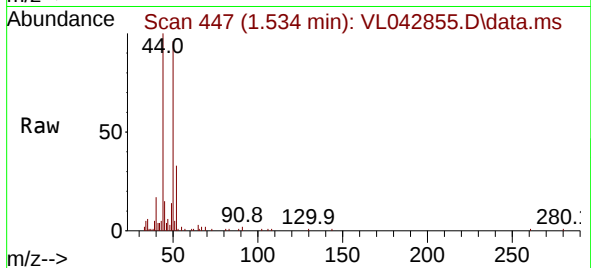
Tgt Ion: 85 Resp: 8432
Ion Ratio Lower Upper
85 100
87 32.7 25.3 37.9





#4
Chloromethane
Concen: 0.563 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

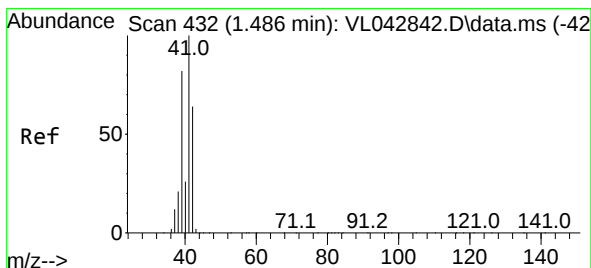
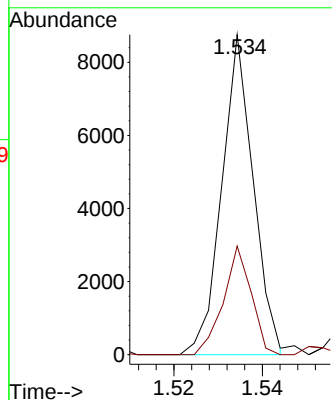
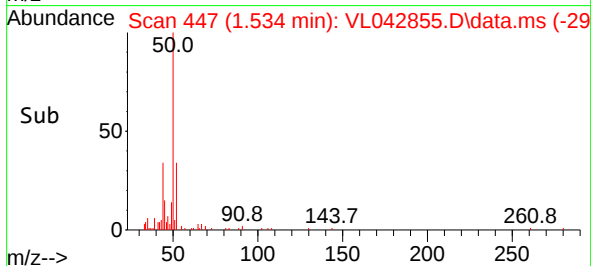
Instrument :
MSVOA_L
ClientSampleId :
IA1



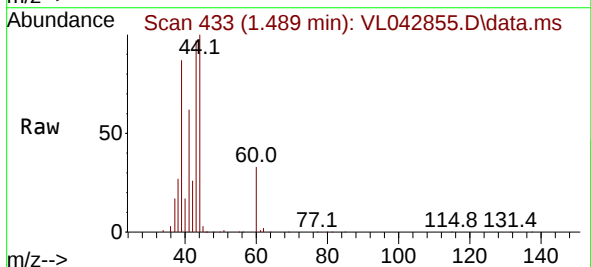
Tgt Ion: 50 Resp: 4329
Ion Ratio Lower Upper
50 100
52 33.9 25.9 38.9

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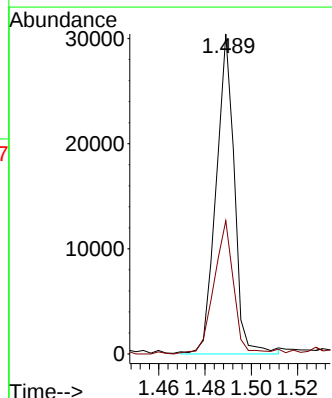
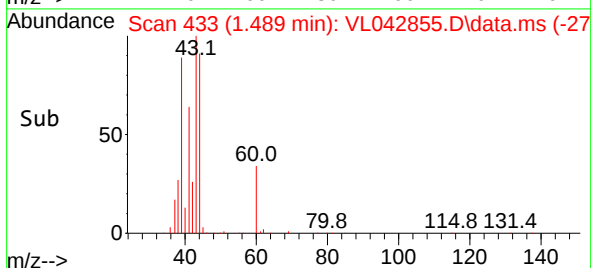
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

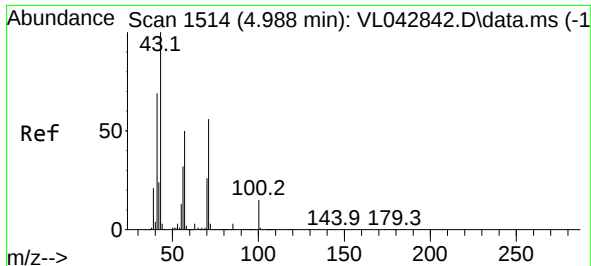


#9
Propene
Concen: 1.833 ppbv m
RT: 1.489 min Scan# 433
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



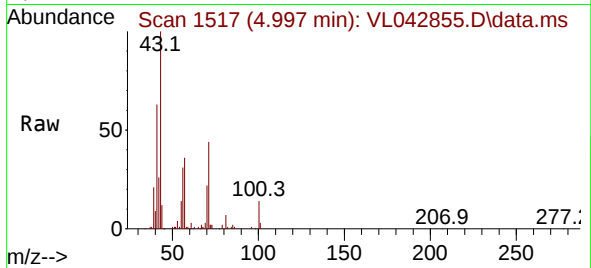
Tgt Ion: 41 Resp: 16679
Ion Ratio Lower Upper
41 100
42 188.1 53.0 79.4#





#10
Heptane
Concen: 1.600 ppbv m
RT: 4.997 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

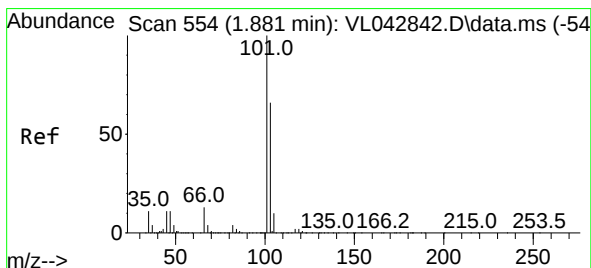
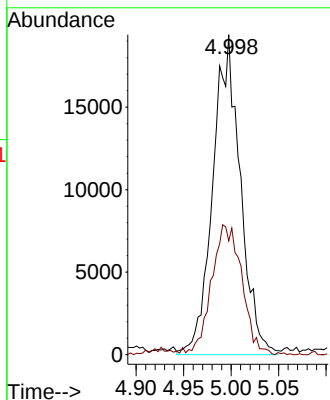
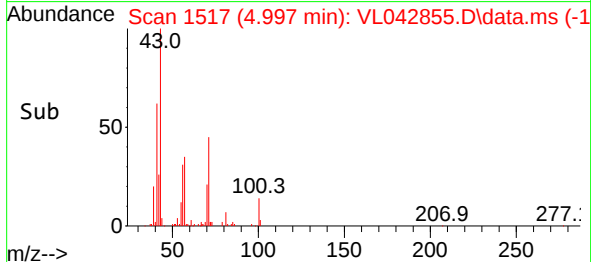
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 3898
Ion Ratio Lower Upper
43 100
57 0.0 41.4 62.0

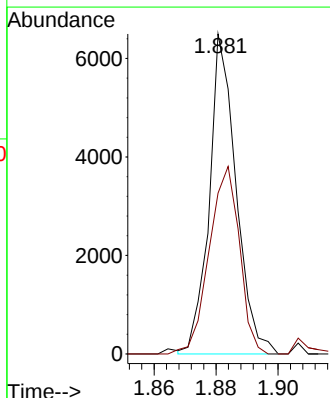
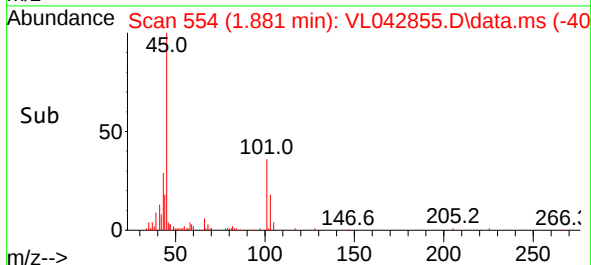
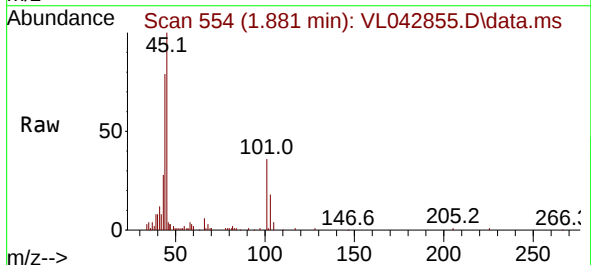
Manual Integrations
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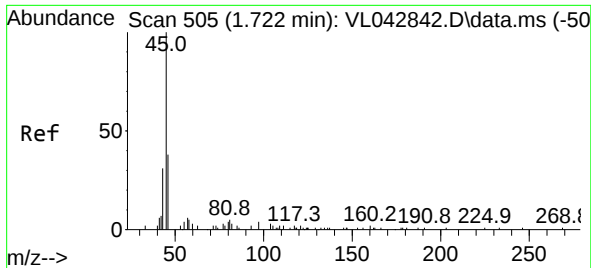
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#11
Trichlorofluoromethane
Concen: 0.208 ppbv
RT: 1.881 min Scan# 554
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

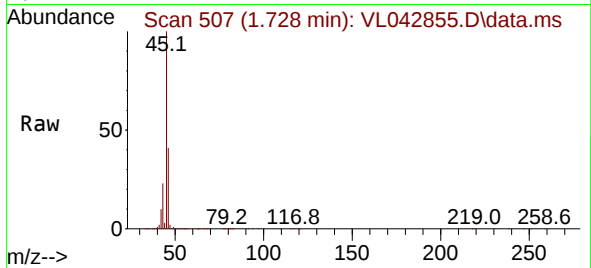
Tgt Ion:101 Resp: 3908
Ion Ratio Lower Upper
101 100
103 50.3 52.5 78.7





#13
Ethanol
Concen: 1367.693 ppbv
RT: 1.728 min Scan# 505
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

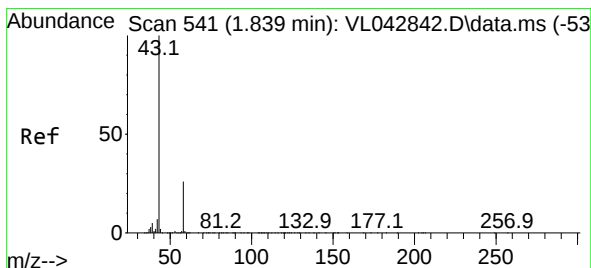
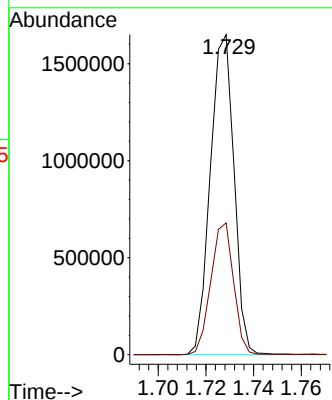
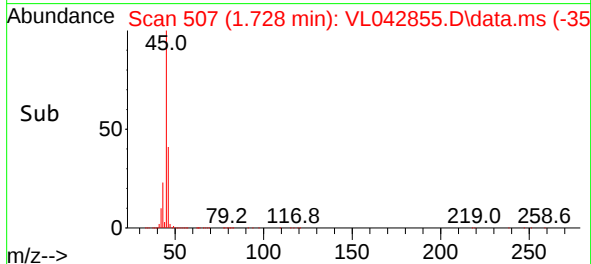
Instrument :
MSVOA_L
Client Sample Id :
IA1



Tgt Ion: 45 Resp: 113812
Ion Ratio Lower Upper
45 100
46 39.8 17.5 69.9

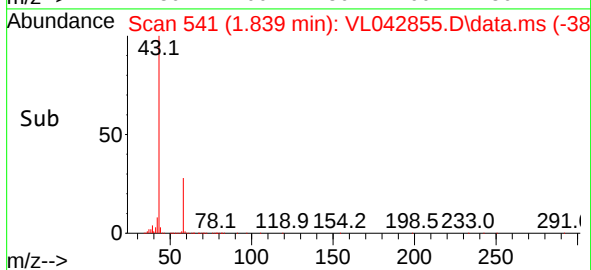
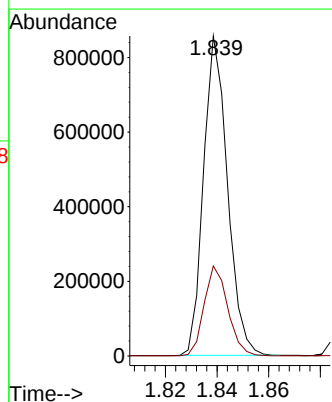
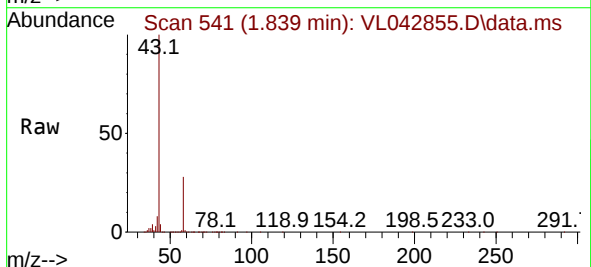
Manual Integrations
APPROVED

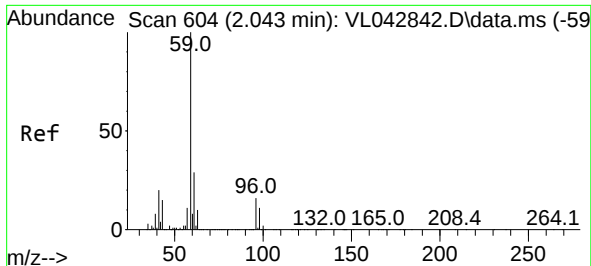
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#15
Acetone
Concen: 32.060 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Tgt Ion: 43 Resp: 551685
Ion Ratio Lower Upper
43 100
58 27.9 22.4 33.6





#17

tert-Butyl alcohol

Concen: 0.244 ppbv m

RT: 2.052 min Scan# 604

Delta R.T. 0.010 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 59 Resp: 497

Ion Ratio Lower Upper

59 100

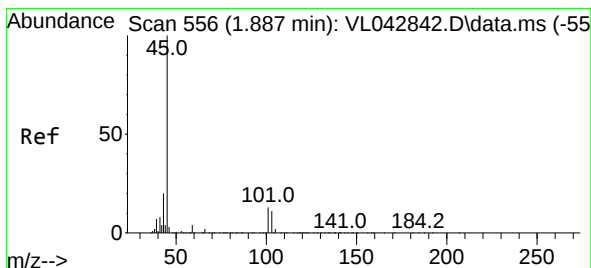
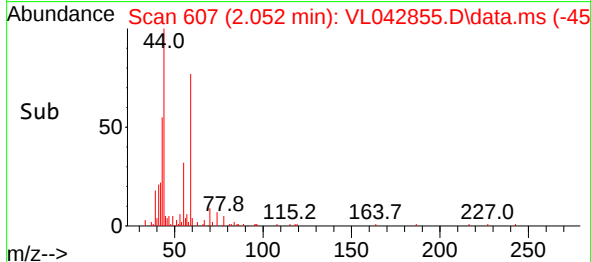
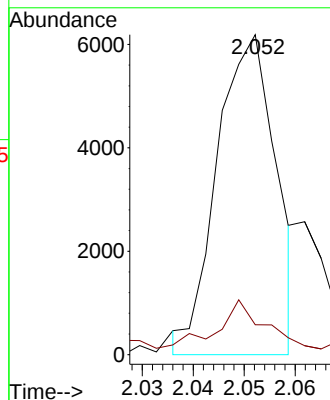
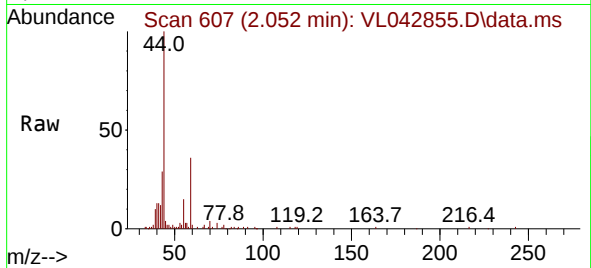
57 0.0 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#19

Isopropyl Alcohol

Concen: 59.749 ppbv

RT: 1.890 min Scan# 557

Delta R.T. 0.003 min

Lab File: VL042855.D

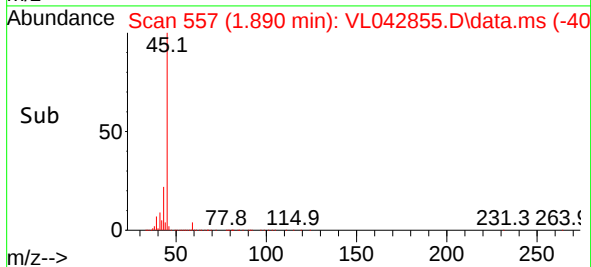
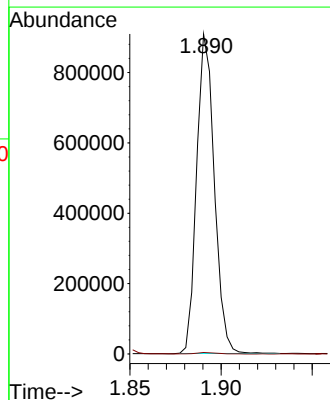
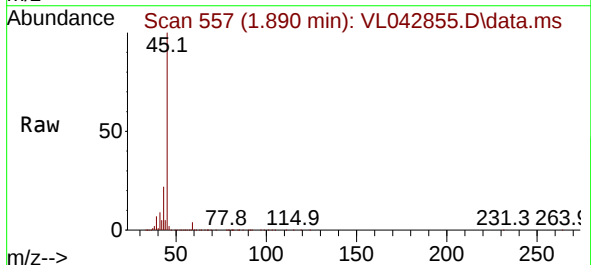
Acq: 13 Aug 2025 17:05

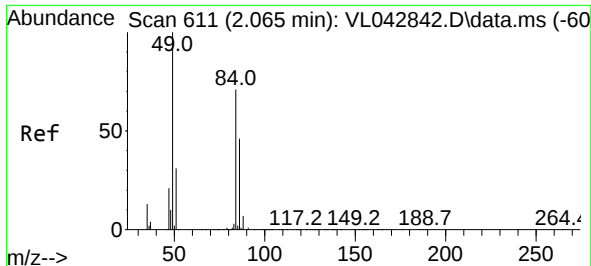
Tgt Ion: 45 Resp: 614099

Ion Ratio Lower Upper

45 100

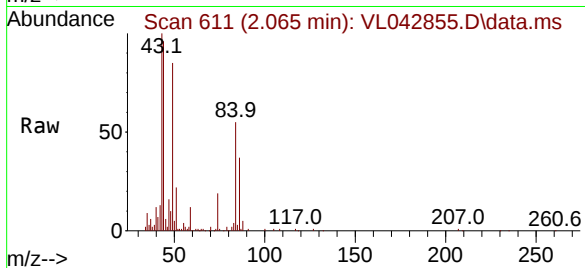
58 25.1 32.7 49.1





#20
Methylene Chloride
Concen: 0.958 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

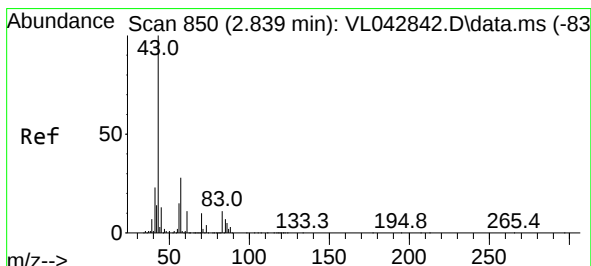
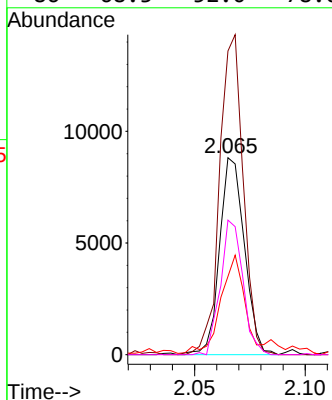
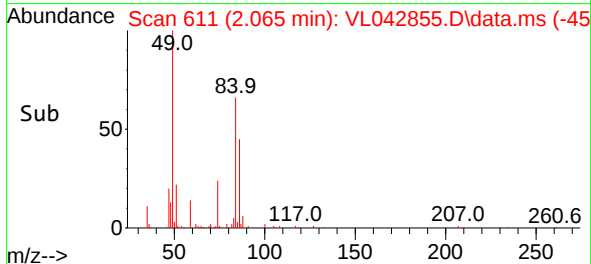
Instrument :
MSVOA_L
ClientSampleId :
IA1



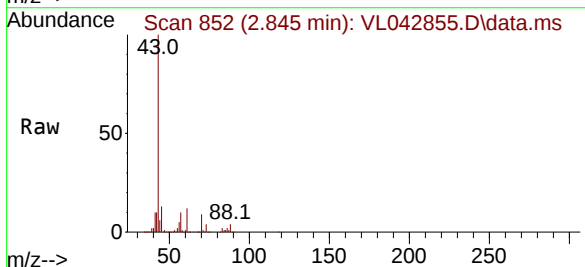
Tgt Ion: 84 Resp: 690
Ion Ratio Lower Upper
84 100
49 154.1 112.3 168.5
51 39.1 36.0 54.0
86 68.3 52.0 78.0

Manual Integrations
APPROVED

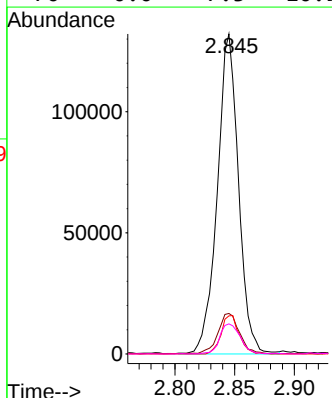
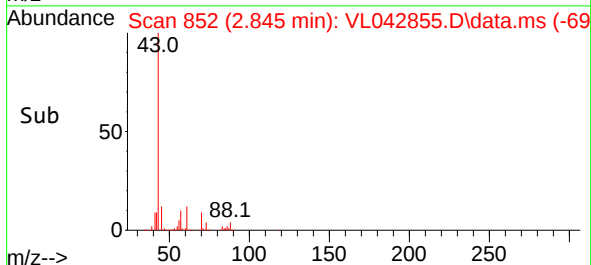
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

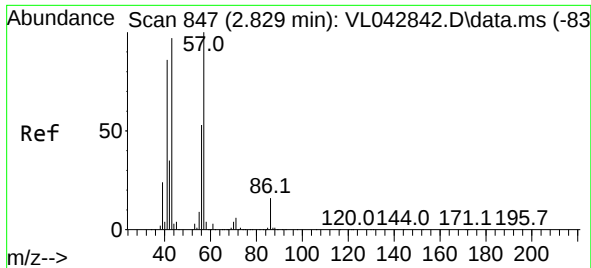


#25
Ethyl Acetate
Concen: 3.920 ppbv m
RT: 2.845 min Scan# 852
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



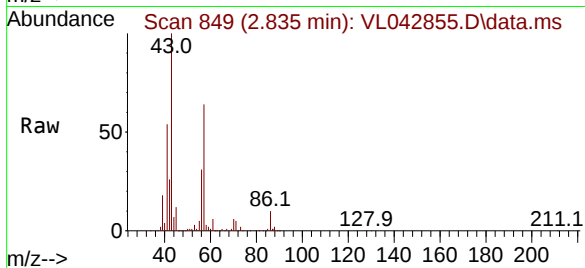
Tgt Ion: 43 Resp: 163265
Ion Ratio Lower Upper
43 100
45 0.0 8.1 12.1#
61 0.0 7.4 11.2#
70 0.0 7.3 10.9#





#26
Hexane
Concen: 2.336 ppbv
RT: 2.835 min Scan# 847
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

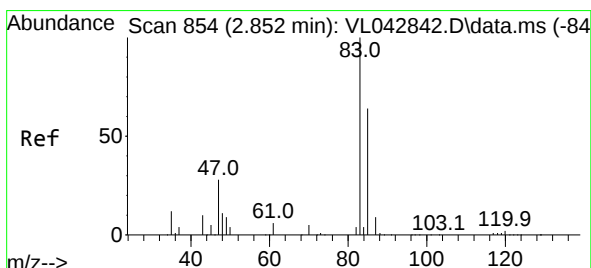
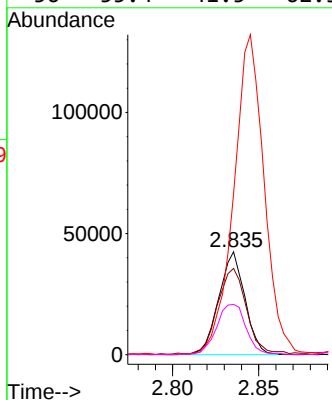
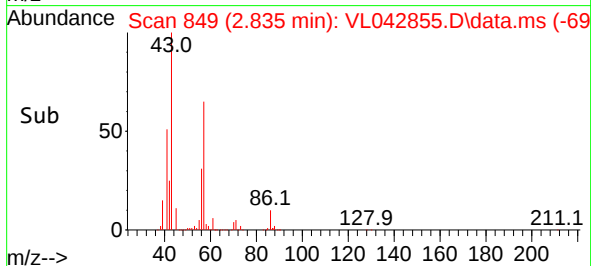
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 44914
Ion Ratio Lower Upper
57 100
41 94.0 68.6 103.0
43 365.3 168.5 252.7
56 55.4 41.5 62.3

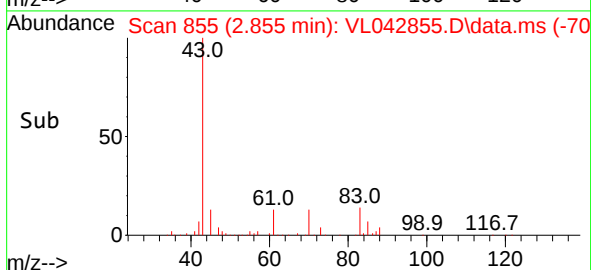
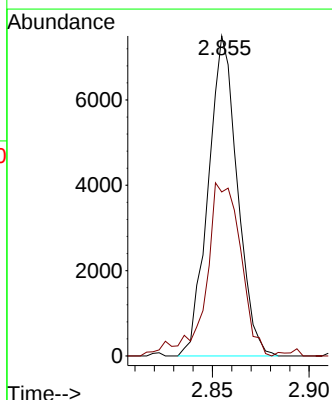
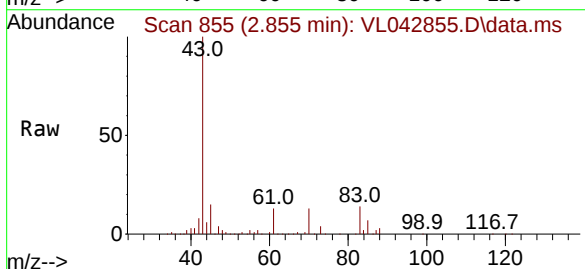
Manual Integrations
APPROVED

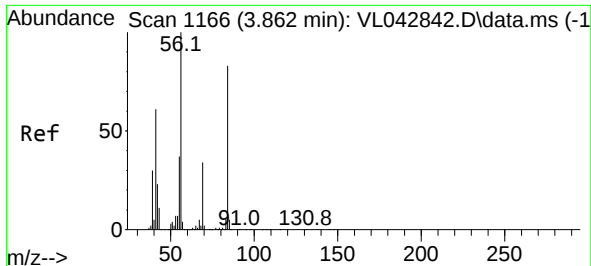
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#29
Chloroform
Concen: 0.286 ppbv
RT: 2.855 min Scan# 855
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

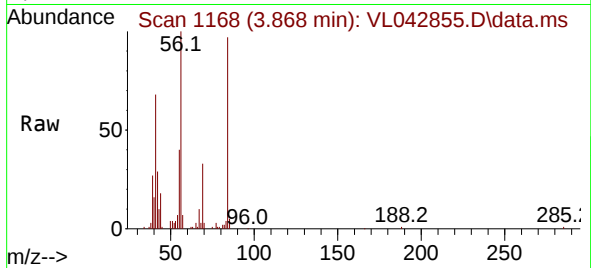
Tgt Ion: 83 Resp: 7860
Ion Ratio Lower Upper
83 100
85 50.1 51.1 76.7#





#30
Cyclohexane
Concen: 1.040 ppbv
RT: 3.868 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

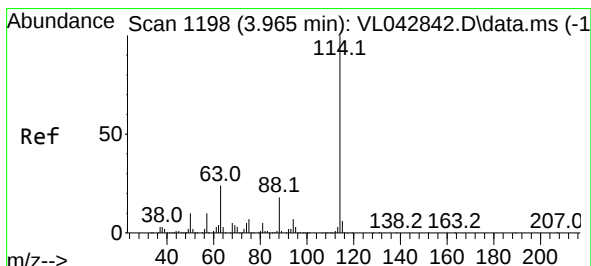
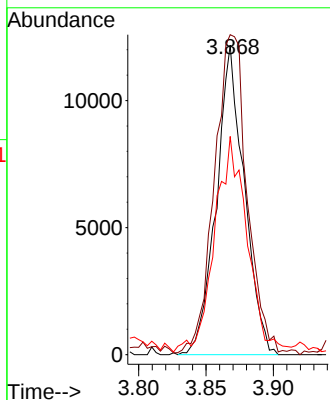
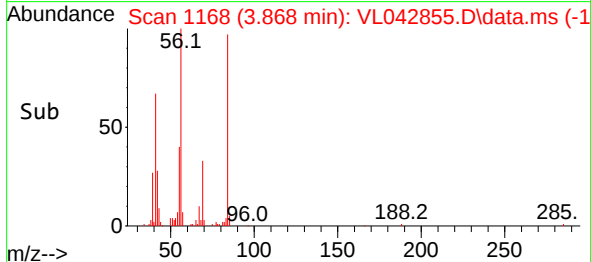
Instrument :
MSVOA_L
ClientSampleId :
IA1



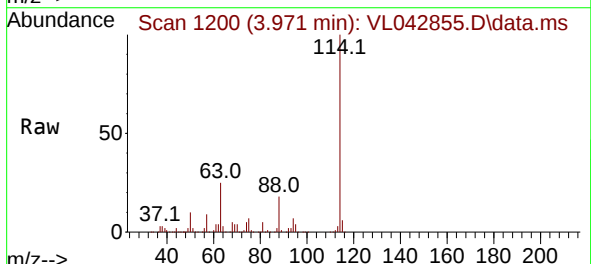
Tgt Ion: 84 Resp: 1752
Ion Ratio Lower Upper
84 100
56 122.8 98.8 148.2
41 82.2 61.3 91.9

Manual Integrations
APPROVED

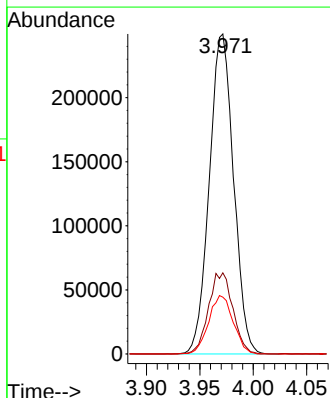
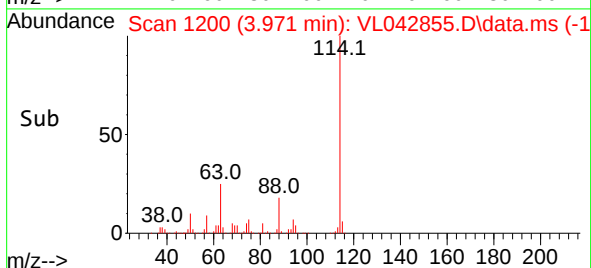
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

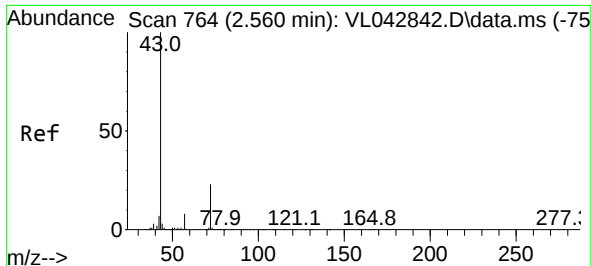


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.971 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



Tgt Ion:114 Resp: 394015
Ion Ratio Lower Upper
114 100
63 25.5 19.7 29.5
88 18.5 14.4 21.6





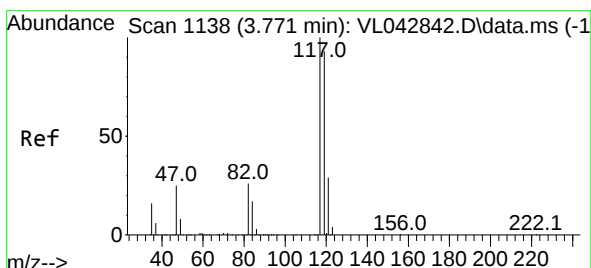
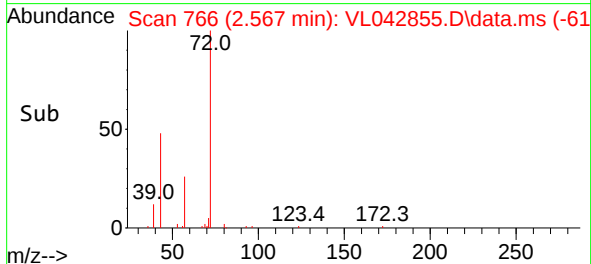
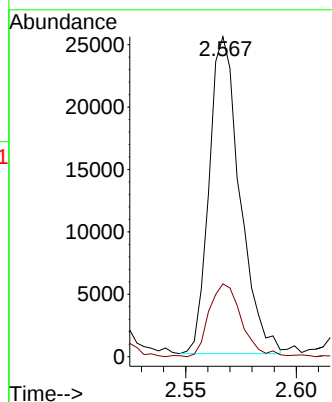
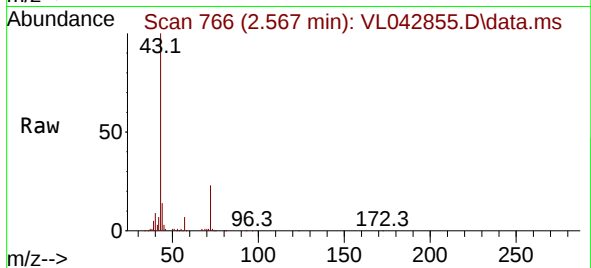
#34
2-Butanone
Concen: 0.923 ppbv
RT: 2.567 min Scan# 764
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 2454
Ion Ratio Lower Upper
43 100
72 24.4 18.6 28.0

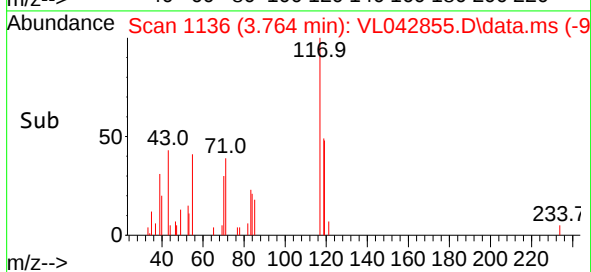
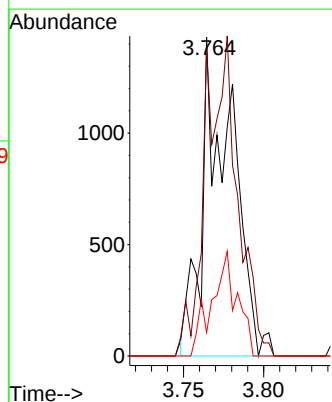
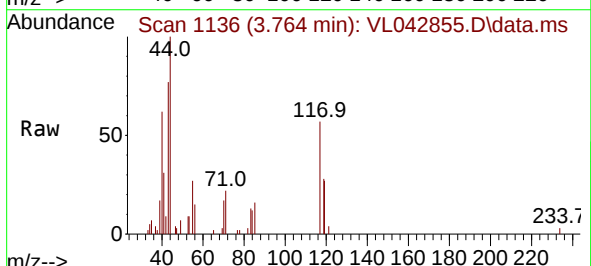
Manual Integrations
APPROVED

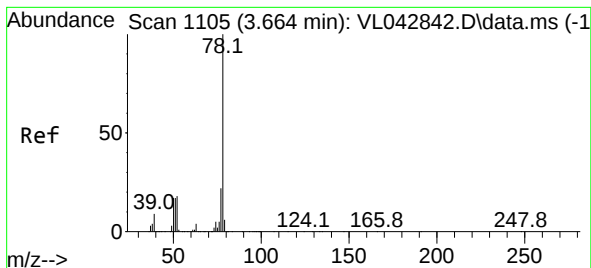
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#35
Carbon Tetrachloride
Concen: 0.069 ppbv m
RT: 3.764 min Scan# 1136
Delta R.T. -0.007 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Tgt Ion:117 Resp: 1884
Ion Ratio Lower Upper
117 100
119 48.7 74.7 112.1#
121 7.3 23.2 34.8#





#36

Benzene

Concen: 1.234 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Instrument :

MSVOA_L

ClientSampleId :

IA1

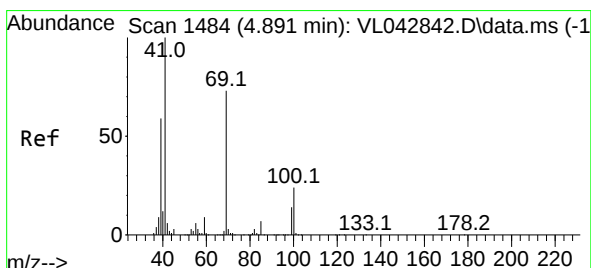
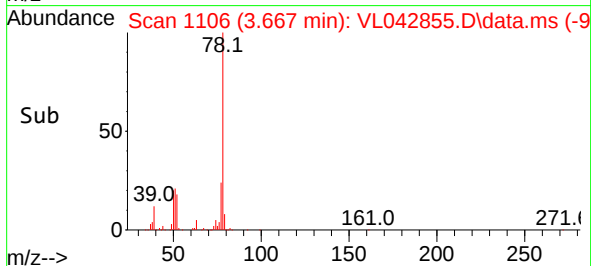
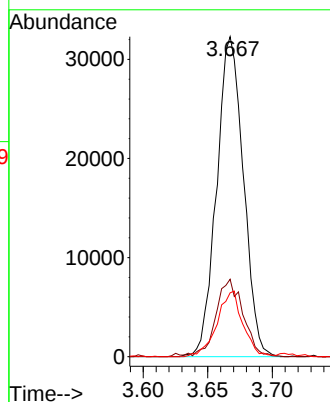
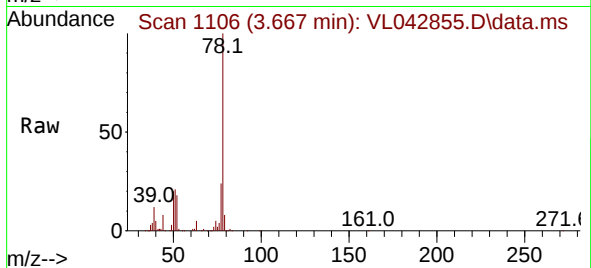
Tgt Ion: 78 Resp: 4654

Ion	Ratio	Lower	Upper
78	100		
77	24.0	17.7	26.5
50	20.0	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: 0.574 ppbv m

RT: 4.900 min Scan# 1487

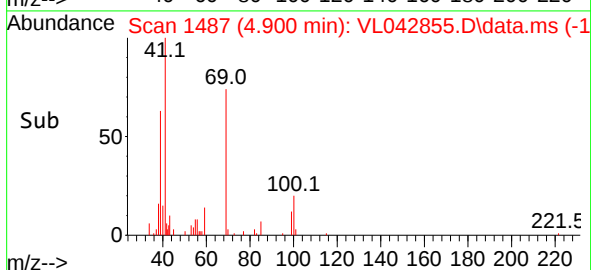
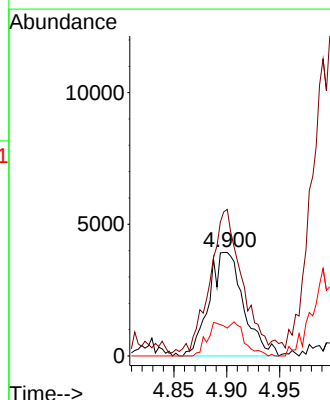
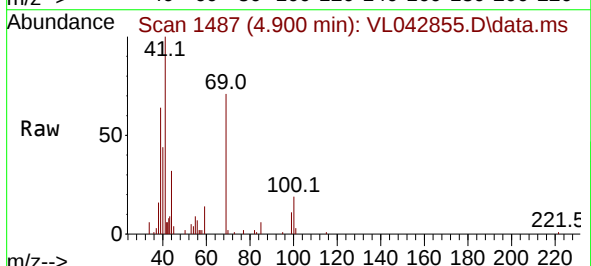
Delta R.T. 0.010 min

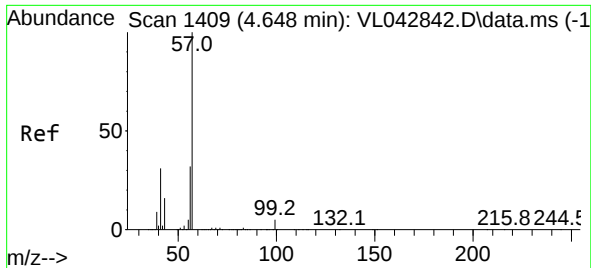
Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Tgt Ion: 69 Resp: 8920

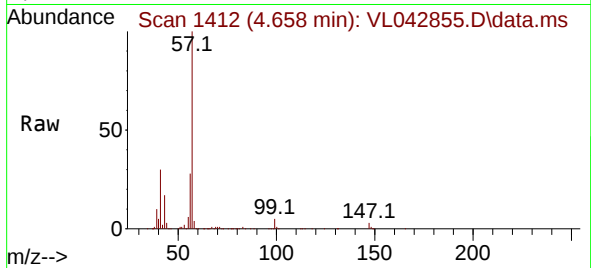
Ion	Ratio	Lower	Upper
69	100		
41	134.3	114.6	172.0
100	32.2	30.2	45.4





#44
 2,2,4-Trimethylpentane
 Concen: 2.250 ppbv
 RT: 4.658 min Scan# 1409
 Delta R.T. 0.010 min
 Lab File: VL042855.D
 Acq: 13 Aug 2025 17:05

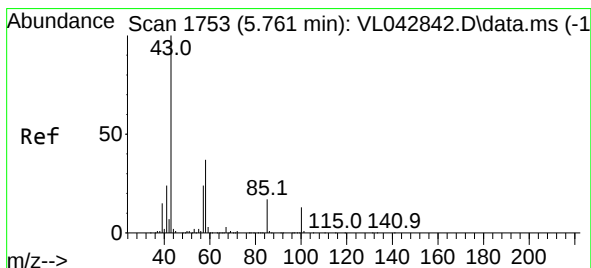
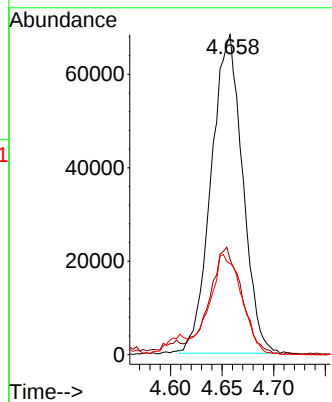
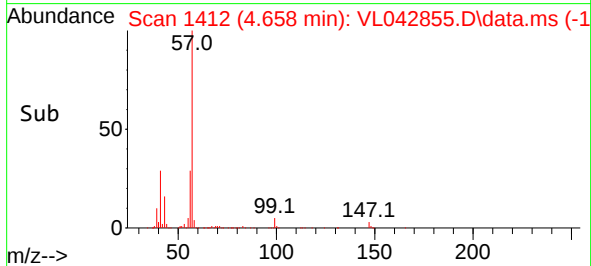
Instrument : MSVOA_L
 ClientSampleId : IA1



Tgt Ion: 57 Resp: 144100
 Ion Ratio Lower Upper
 57 100
 41 37.8 24.8 37.2
 56 37.0 25.5 38.3

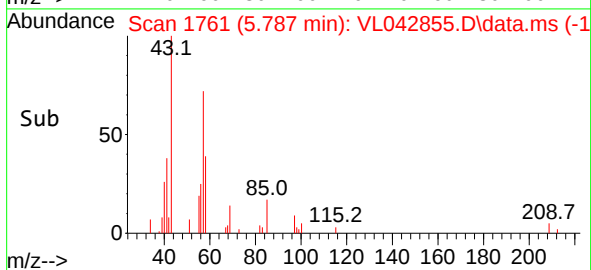
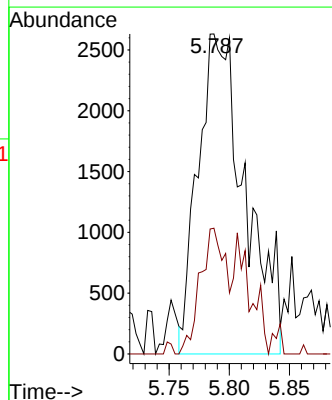
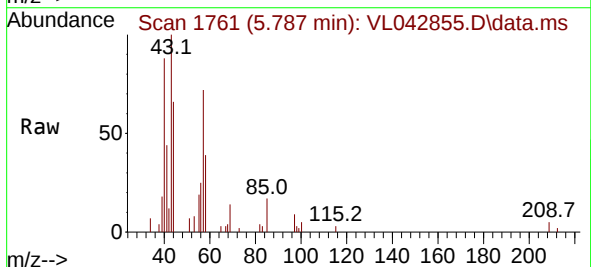
Manual Integrations
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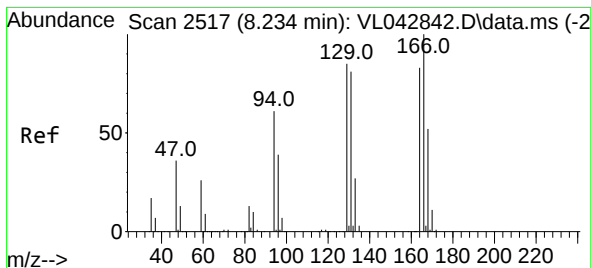
Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025



#50
 4-Methyl-2-Pentanone
 Concen: 0.199 ppbv m
 RT: 5.787 min Scan# 1761
 Delta R.T. 0.026 min
 Lab File: VL042855.D
 Acq: 13 Aug 2025 17:05

Tgt Ion: 43 Resp: 7171
 Ion Ratio Lower Upper
 43 100
 58 36.6 29.8 44.8





#52

Tetrachloroethene

Concen: 0.051 ppbv m

RT: 8.237 min Scan# 2118

Delta R.T. 0.003 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Instrument :

MSVOA_L

ClientSampleId :

IA1

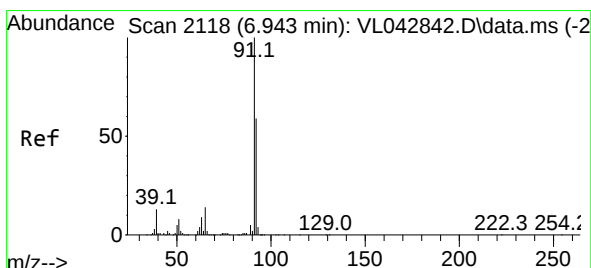
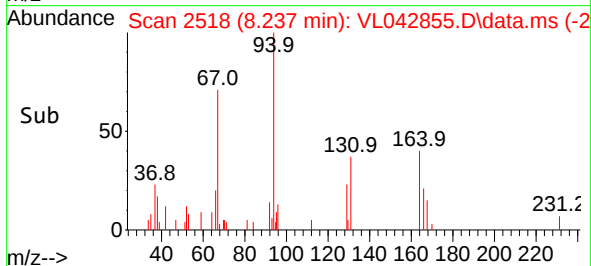
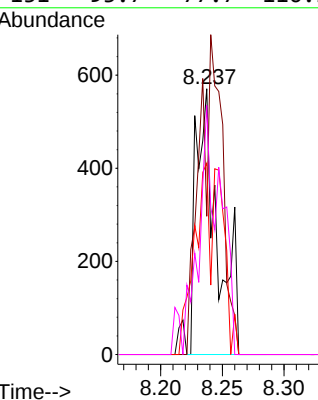
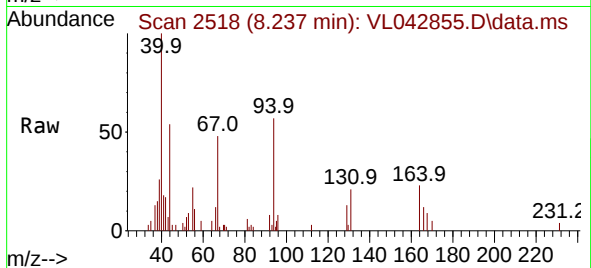
Tgt Ion:164 Resp: 700

Ion	Ratio	Lower	Upper
164	100		
166	52.0	96.5	144.7
129	58.7	81.8	122.6
131	93.7	77.7	116.5

Manual Integrations

APPROVED

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



#53

Toluene

Concen: 10.936 ppbv

RT: 6.949 min Scan# 2120

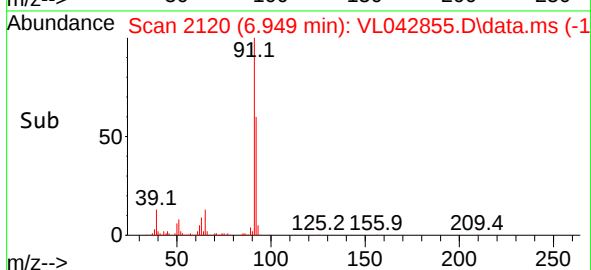
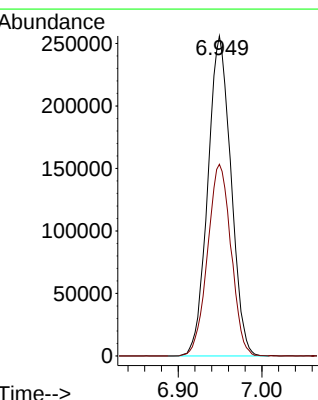
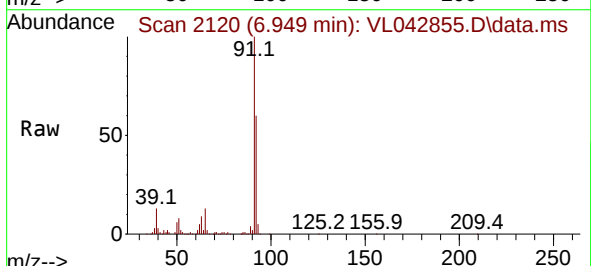
Delta R.T. 0.006 min

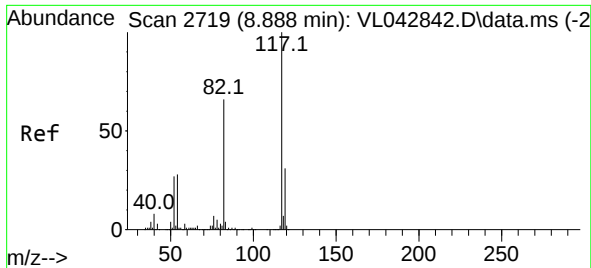
Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Tgt Ion: 91 Resp: 490532

Ion	Ratio	Lower	Upper
91	100		
92	60.8	47.8	71.6





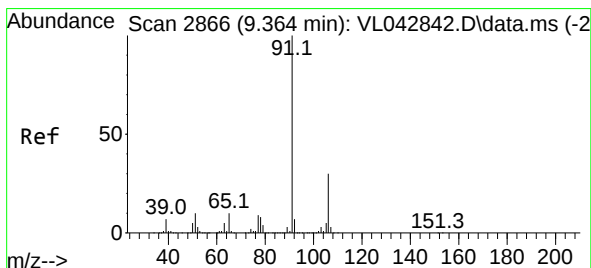
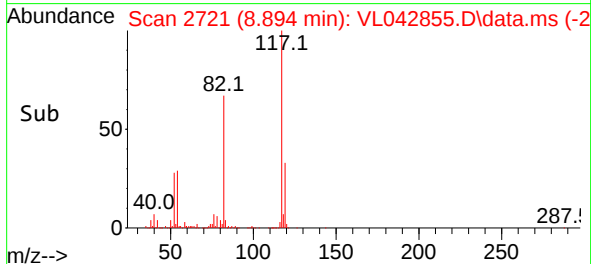
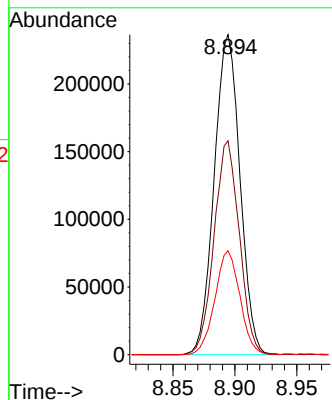
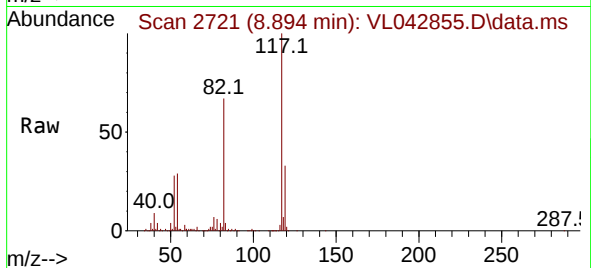
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2719
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:117 Resp: 342698
Ion Ratio Lower Upper
117 100
82 65.5 54.6 81.8
119 31.6 25.9 38.9

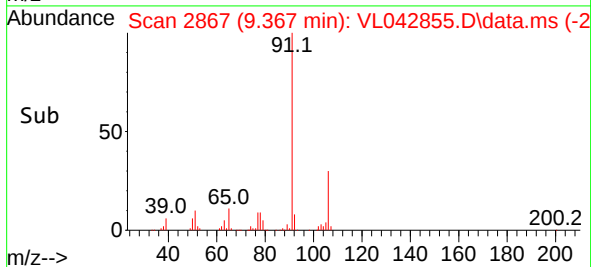
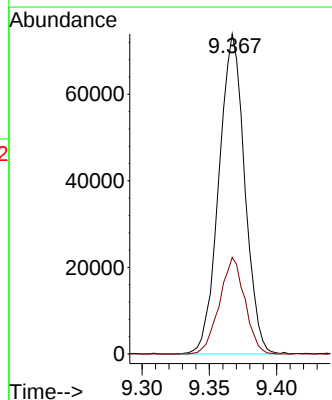
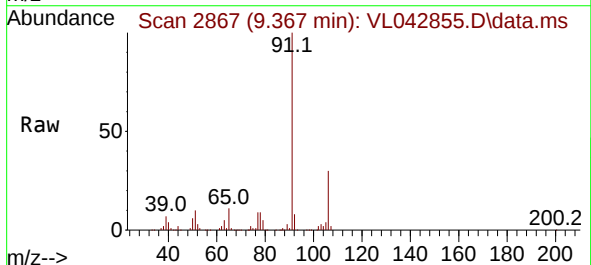
Manual Integrations
APPROVED

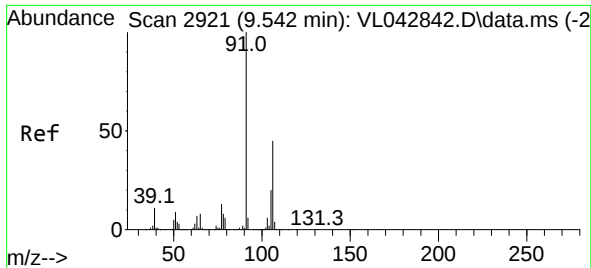
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#58
Ethyl Benzene
Concen: 1.628 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Tgt Ion: 91 Resp: 98450
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9





#59

m/p-Xylene

Concen: 5.226 ppbv

RT: 9.542 min Scan# 2921

Delta R.T. -0.000 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 91 Resp: 24772

Ion Ratio Lower Upper

91 100

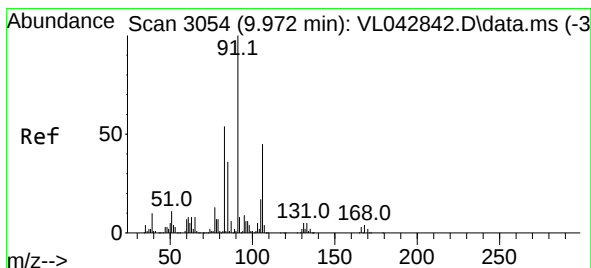
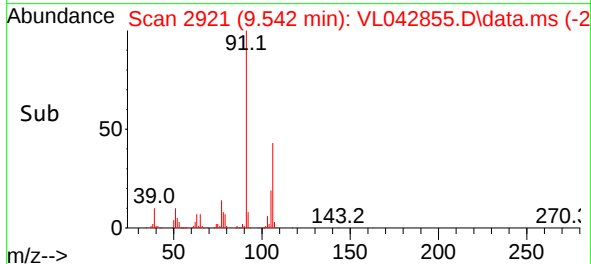
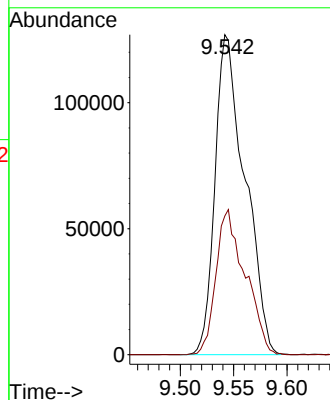
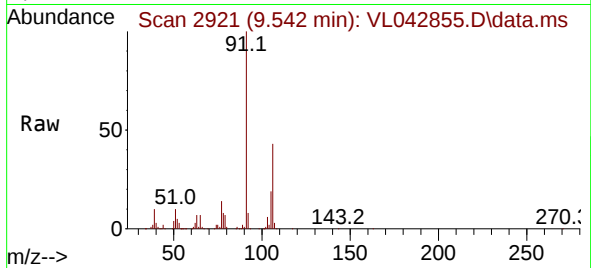
106 44.3 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025

Supervised By :Mahesh Dadoda 08/18/2025



#60

o-Xylene

Concen: 2.022 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.000 min

Lab File: VL042855.D

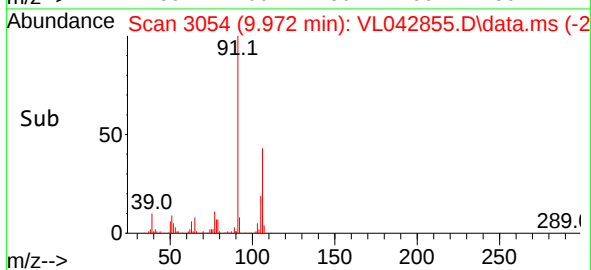
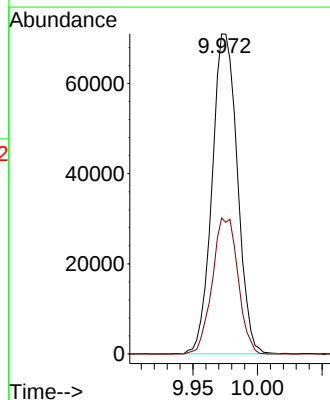
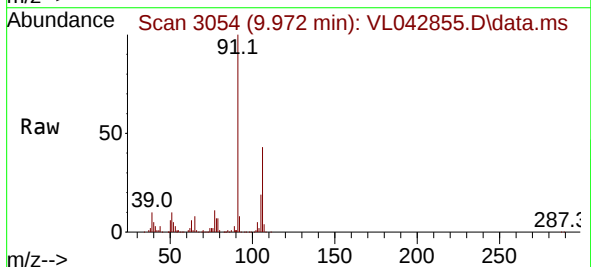
Acq: 13 Aug 2025 17:05

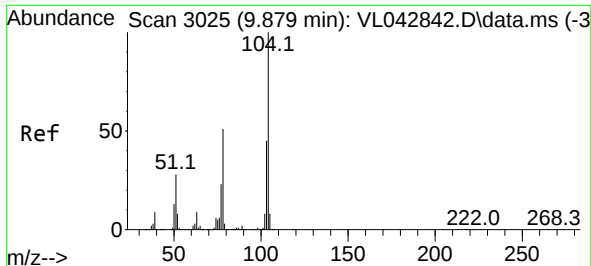
Tgt Ion: 91 Resp: 96410

Ion Ratio Lower Upper

91 100

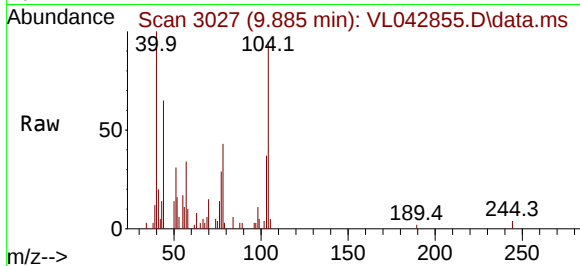
106 43.4 21.8 65.4





#61
Styrene
Concen: 0.167 ppbv
RT: 9.885 min Scan# 3025
Delta R.T. 0.006 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

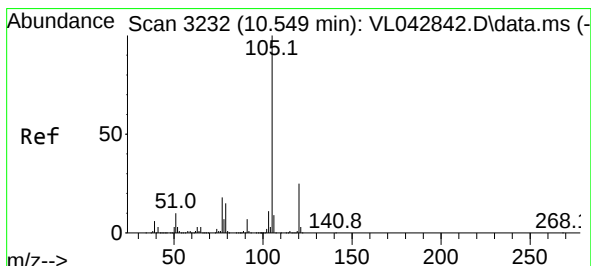
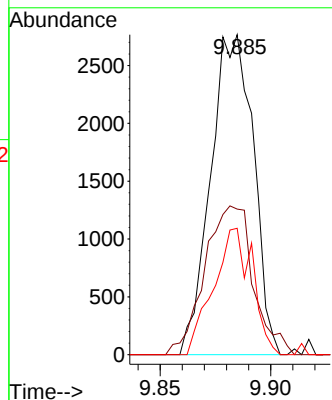
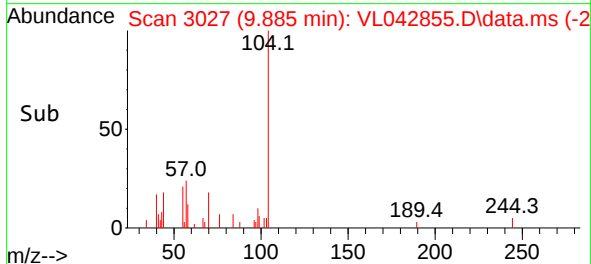
Instrument :
MSVOA_L
ClientSampleId :
IA1



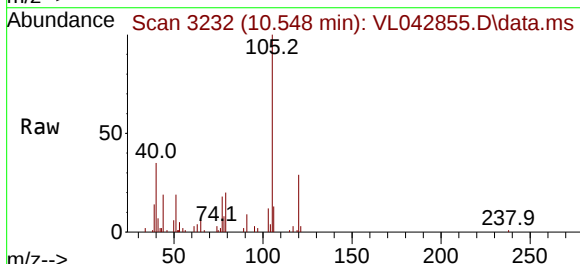
Tgt Ion:104 Resp: 372
Ion Ratio Lower Upper
104 100
78 53.0 40.6 61.0
103 36.6 37.7 56.5

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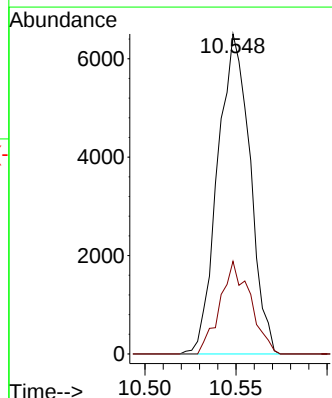
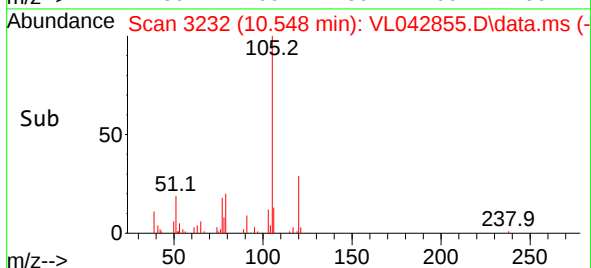
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

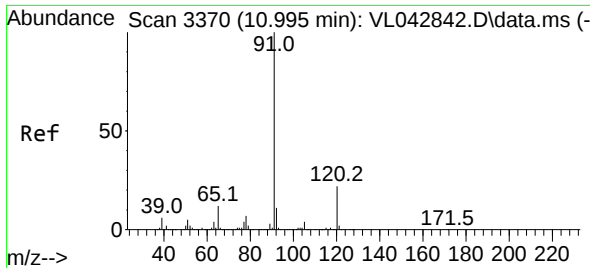


#62
Isopropylbenzene
Concen: 0.115 ppbv
RT: 10.548 min Scan# 3232
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



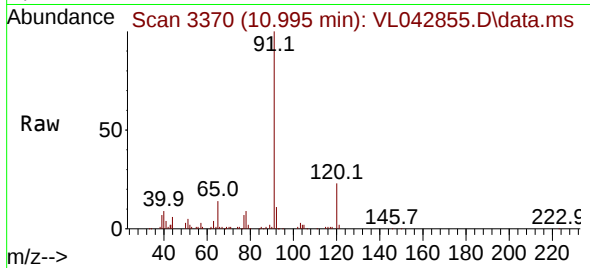
Tgt Ion:105 Resp: 8044
Ion Ratio Lower Upper
105 100
120 27.2 20.6 30.8





#64
n-propylbenzene
Concen: 0.353 ppbv
RT: 10.995 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

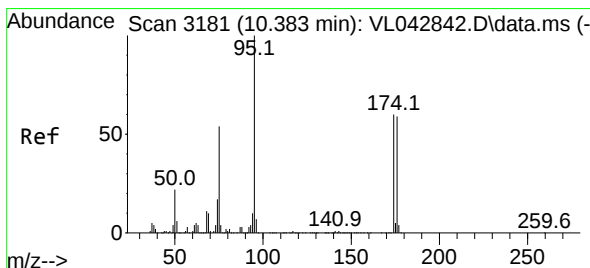
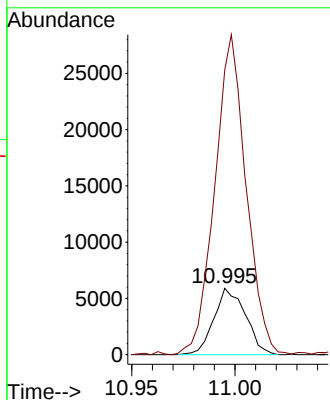
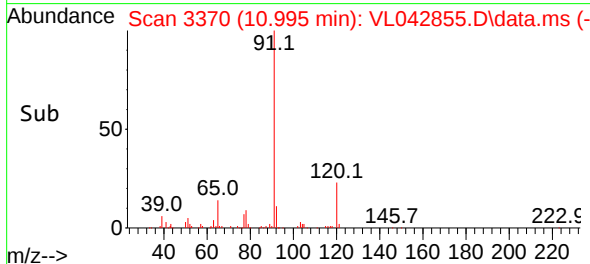
Instrument :
MSVOA_L
ClientSampleId :
IA1



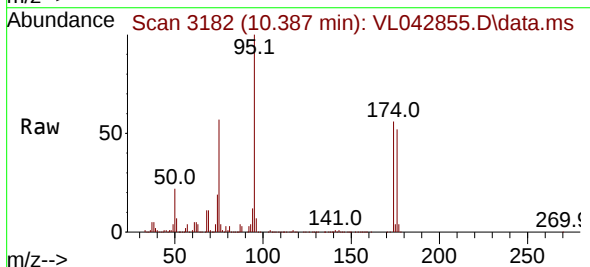
Tgt Ion:120 Resp: 6270
Ion Ratio Lower Upper
120 100
91 480.4 375.8 563.6

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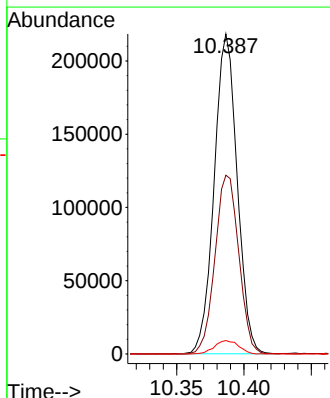
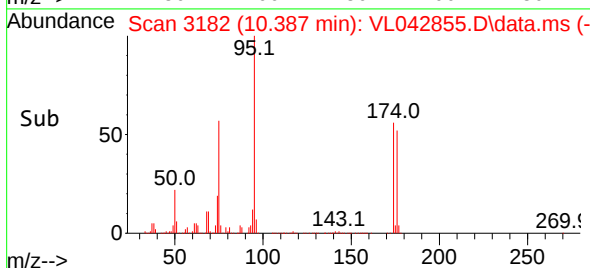
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

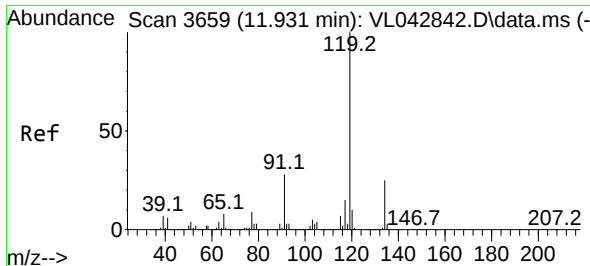


#68
1-Bromo-4-Fluorobenzene
Concen: 10.081 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



Tgt Ion: 95 Resp: 259097
Ion Ratio Lower Upper
95 100
174 57.8 48.4 72.6
175 4.4 3.8 5.8





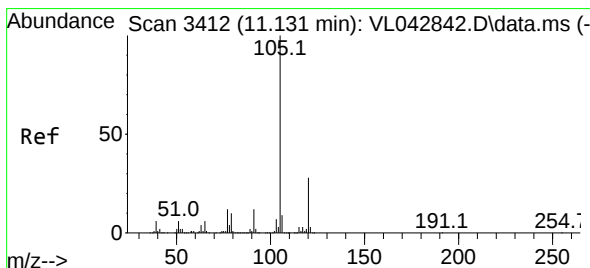
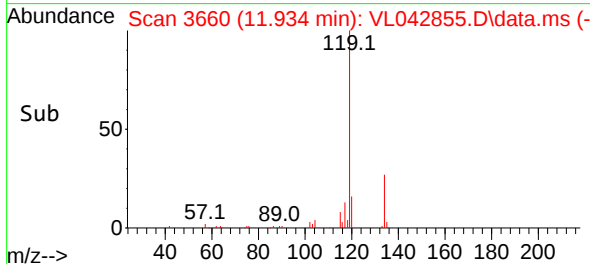
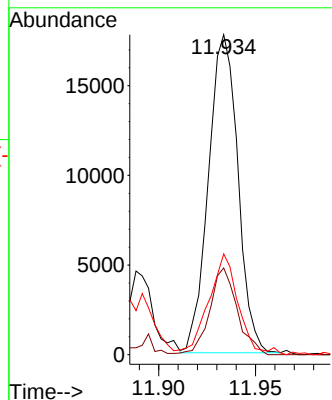
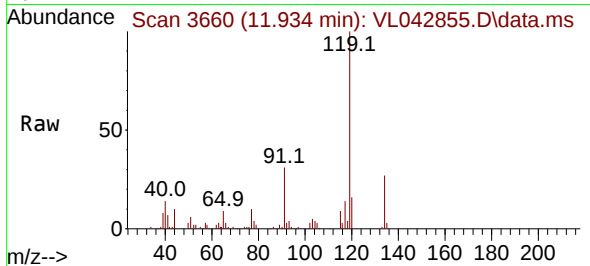
#69
p-Isopropyltoluene
Concen: 0.253 ppbv
RT: 11.934 min Scan# 3659
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:119 Resp: 1875
Ion Ratio Lower Upper
119 100
134 25.6 20.6 30.8
91 31.8 22.6 34.0

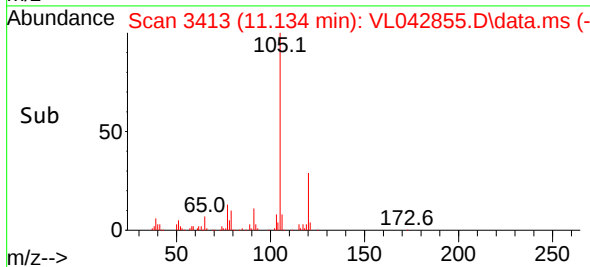
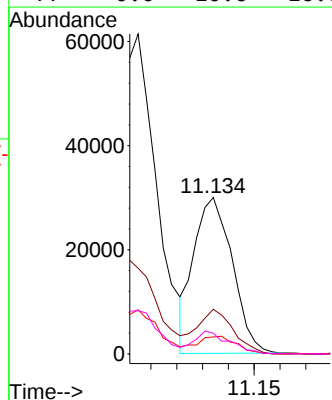
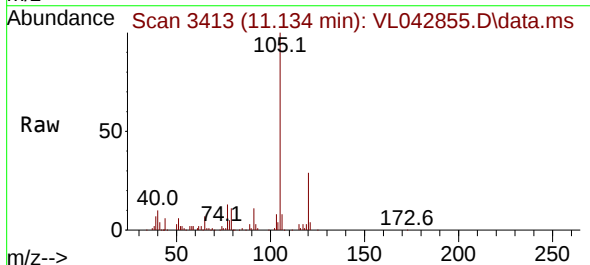
Manual Integrations
APPROVED

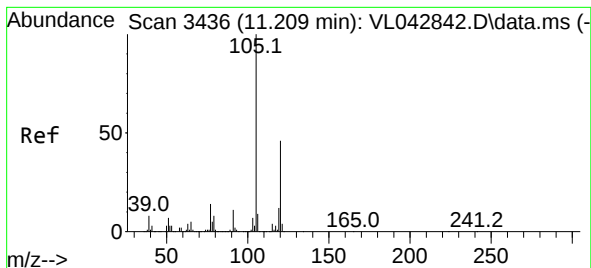
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025



#72
4-Ethyltoluene
Concen: 0.537 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

Tgt Ion:105 Resp: 31067
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.2#
91 0.0 9.8 14.6#
77 0.0 10.6 16.0#





#73

1,3,5-Trimethylbenzene

Concen: 0.479 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.003 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

Instrument :

MSVOA_L

ClientSampleId :

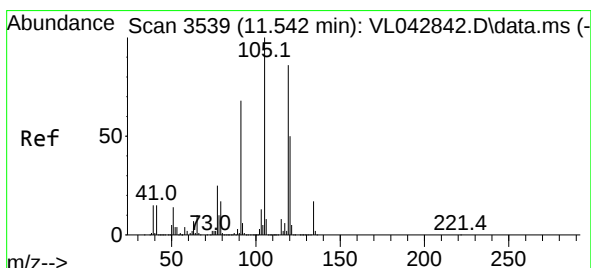
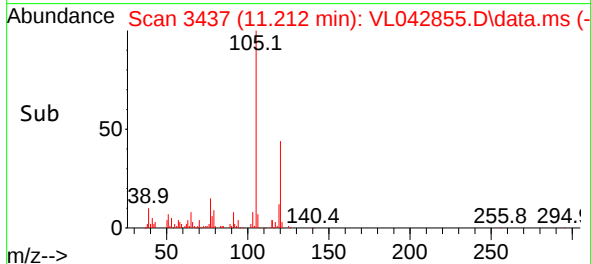
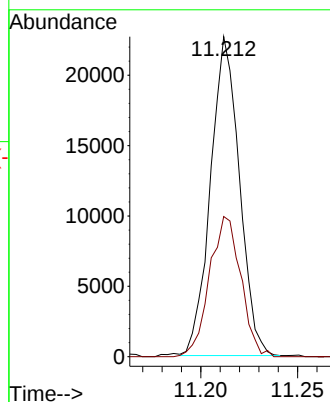
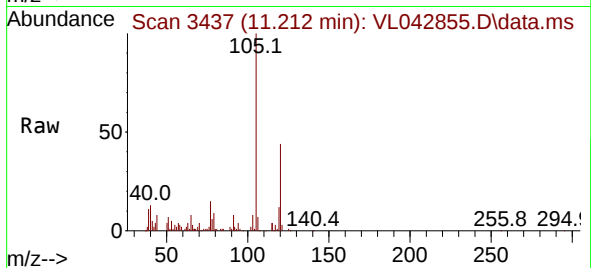
IA1

Tgt Ion:105 Resp: 23528
 Ion Ratio Lower Upper
 105 100
 120 44.0 36.6 54.8

Manual Integrations

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



#74

1,2,4-Trimethylbenzene

Concen: 1.853 ppbv

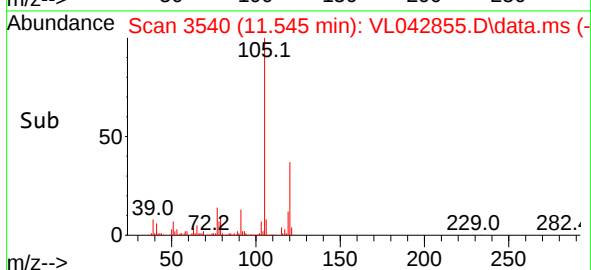
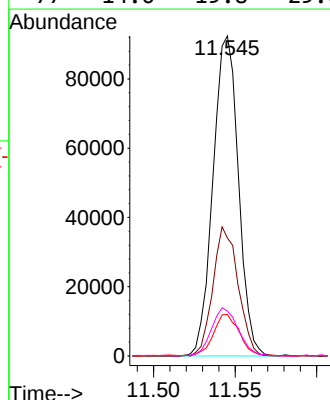
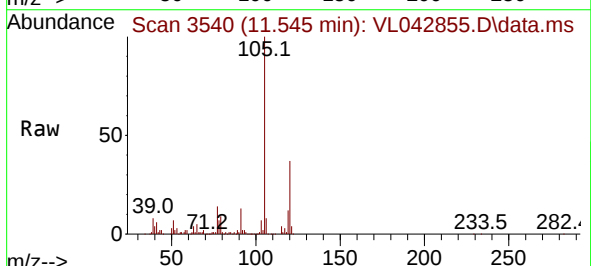
RT: 11.545 min Scan# 3540

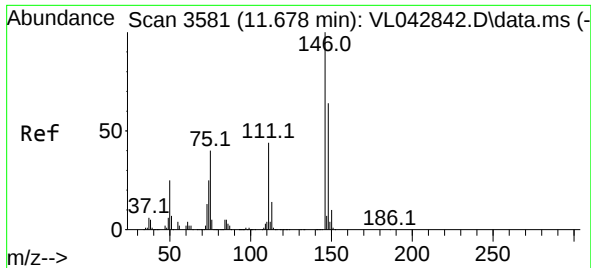
Delta R.T. 0.003 min

Lab File: VL042855.D

Acq: 13 Aug 2025 17:05

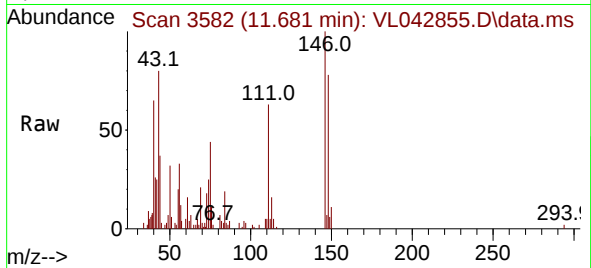
Tgt Ion:105 Resp: 99976
 Ion Ratio Lower Upper
 105 100
 120 36.9 39.8 59.6#
 91 12.8 54.2 81.4#
 77 14.0 19.8 29.6#





#76
1,4-Dichlorobenzene
Concen: 0.147 ppbv
RT: 11.681 min Scan# 3581
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05

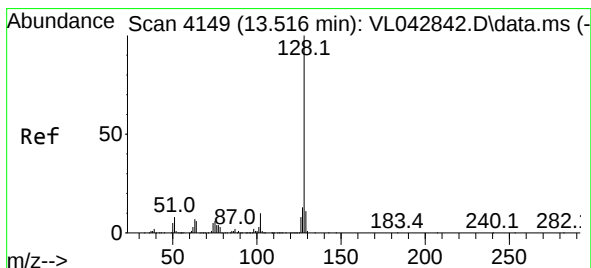
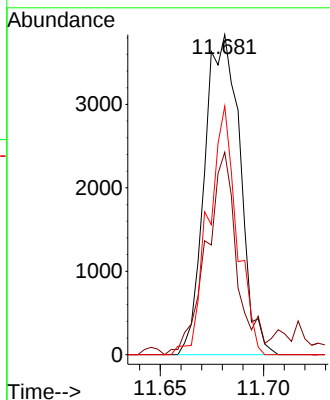
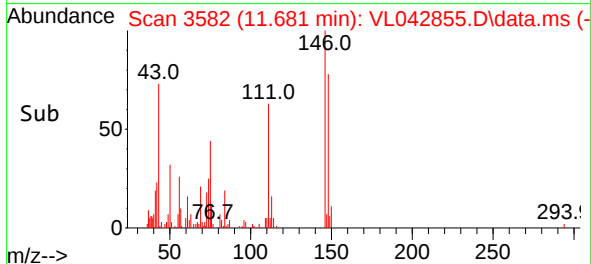
Instrument :
MSVOA_L
ClientSampleId :
IA1



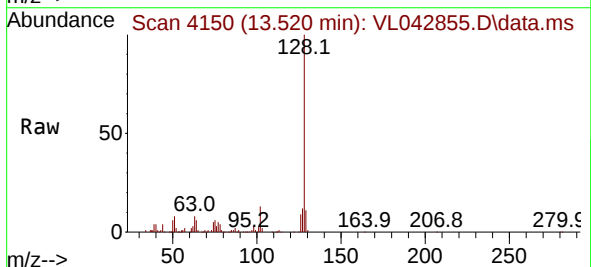
Tgt Ion:146 Resp: 455
Ion Ratio Lower Upper
146 100
111 64.0 22.7 68.1
148 62.8 31.8 95.3

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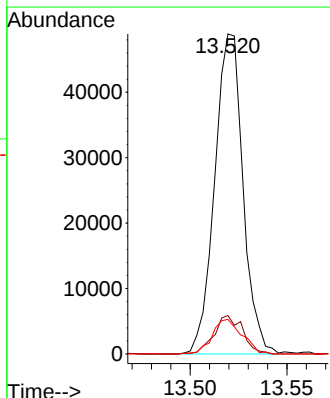
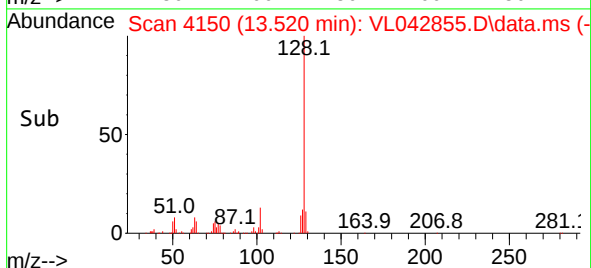
Reviewed By :Semsettin Yesilyurt 08/14/2025
Supervised By :Mahesh Dadoda 08/18/2025

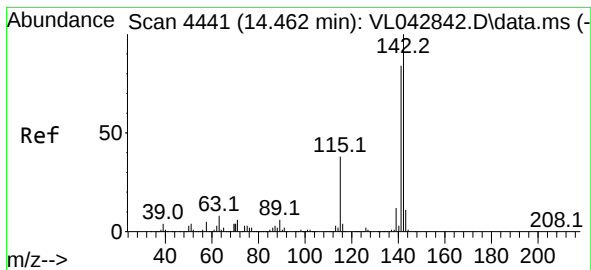


#79
Naphthalene
Concen: 1.017 ppbv
RT: 13.520 min Scan# 4150
Delta R.T. 0.003 min
Lab File: VL042855.D
Acq: 13 Aug 2025 17:05



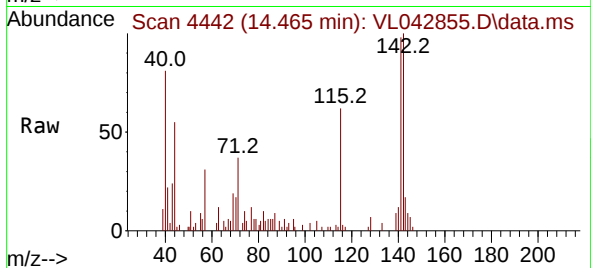
Tgt Ion:128 Resp: 49732
Ion Ratio Lower Upper
128 100
127 12.0 10.6 16.0
129 10.8 8.9 13.3





#80
 Naphthalene, 2-methyl-
 Concen: 0.215 ppbv
 RT: 14.465 min Scan# 44
 Delta R.T. 0.003 min
 Lab File: VL042855.D
 Acq: 13 Aug 2025 17:05

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion:	142	Resp:	392
Ion Ratio	Lower	Upper	
142	100		
141	84.4	67.0	100.6
115	46.2	30.9	46.3

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

