

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042786.D
 Acq On : 29 Jul 2025 16:48
 Operator : SY/MD
 Sample : Q2712-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:15:10 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

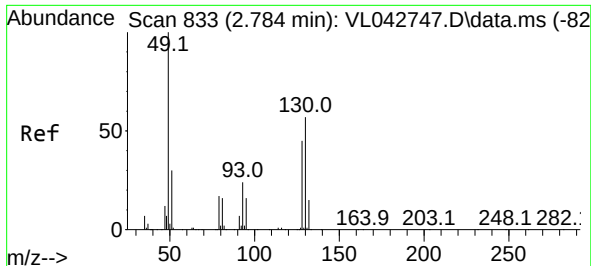
QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

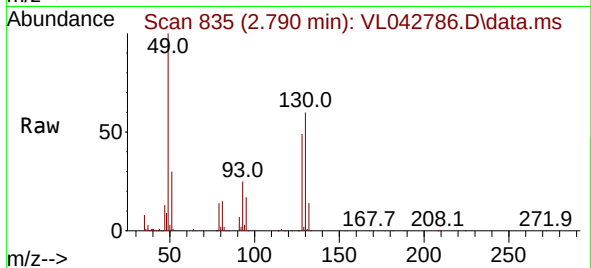
Internal Standards						
1) Bromochloromethane	2.790	49	144757	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	398064	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	363372	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	299457	10.406	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	14009	0.732	ppbv	96
3) Chlorodifluoromethane	1.473	51	42028m	1.686	ppbv	
4) Chloromethane	1.531	50	5410	0.699	ppbv	97
9) Propene	1.486	41	32197m	3.553	ppbv	
10) Heptane	4.991	43	13850	0.567	ppbv #	51
11) Trichlorofluoromethane	1.881	101	21818	1.106	ppbv	93
13) Ethanol	1.725	45	1501601	2274.737	ppbv	99
15) Acetone	1.839	43	393351	19.679	ppbv	98
19) Isopropyl Alcohol	1.890	45	109463	10.305	ppbv #	7
20) Methylene Chloride	2.065	84	5920	0.940	ppbv #	85
23) Vinyl Acetate	2.457	43	109547	4.521	ppbv #	94
25) Ethyl Acetate	2.839	43	703519	15.901	ppbv #	91
29) Chloroform	2.852	83	20938	0.698	ppbv	100
34) 2-Butanone	2.564	43	69967	2.481	ppbv	100
35) Carbon Tetrachloride	3.774	117	3830m	0.130	ppbv	
36) Benzene	3.661	78	11967	0.317	ppbv	96
41) Tetrahydrofuran	3.062	42	19230	1.340	ppbv #	48
44) 2,2,4-Trimethylpentane	4.645	57	10747m	0.175	ppbv	
50) 4-Methyl-2-Pentanone	5.774	43	36734m	1.011	ppbv	
51) 2-Hexanone	7.448	43	26639	0.971	ppbv #	97
52) Tetrachloroethene	8.234	164	1644m	0.105	ppbv	
53) Toluene	6.943	91	92975	2.295	ppbv	98
58) Ethyl Benzene	9.364	91	10925	0.190	ppbv #	85
59) m/p-Xylene	9.535	91	37151	0.810	ppbv	100
60) o-Xylene	9.972	91	17984	0.392	ppbv	98
61) Styrene	9.878	104	22758	1.181	ppbv	95
64) n-propylbenzene	10.995	120	4688	0.266	ppbv	85
69) p-Isopropyltoluene	11.927	119	32129	0.461	ppbv #	90
72) 4-Ethyltoluene	11.131	105	22908	0.419	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.209	105	27631	0.613	ppbv #	82
74) 1,2,4-Trimethylbenzene	11.542	105	103870	2.113	ppbv #	61
76) 1,4-Dichlorobenzene	11.675	146	8416	0.250	ppbv	90
79) Naphthalene	13.516	128	13453	0.676	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

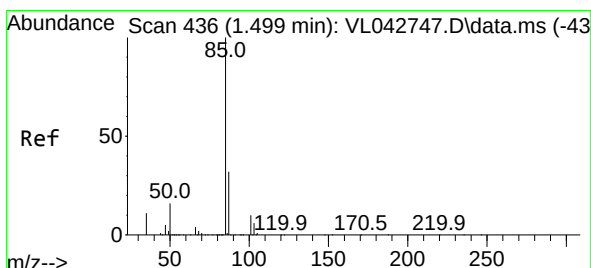
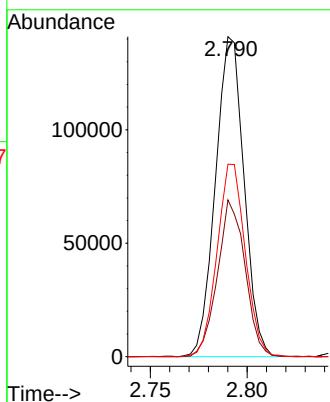
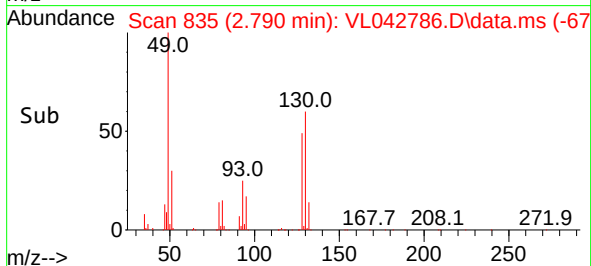
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 14475
Ion Ratio Lower Upper
49 100
128 47.2 23.6 71.0
130 59.6 30.3 90.8

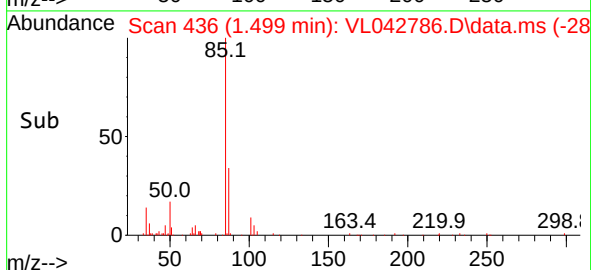
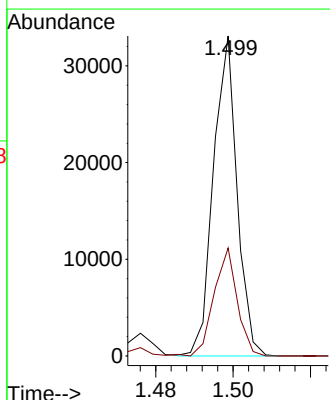
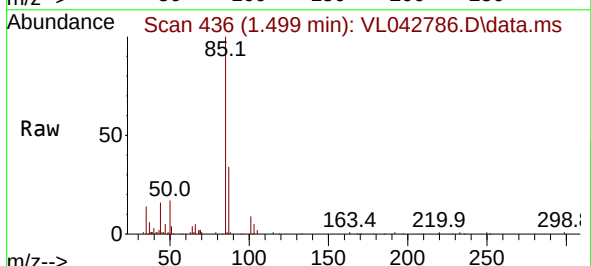
Manual Integrations
APPROVED

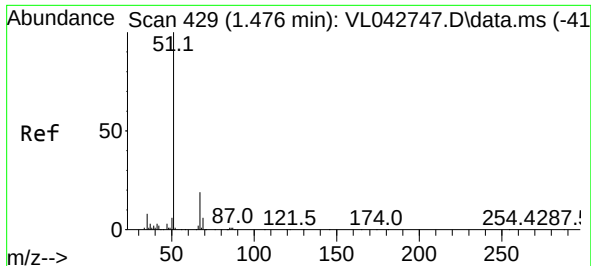
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#2
Dichlorodifluoromethane
Concen: 0.732 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 85 Resp: 14009
Ion Ratio Lower Upper
85 100
87 33.8 25.4 38.2





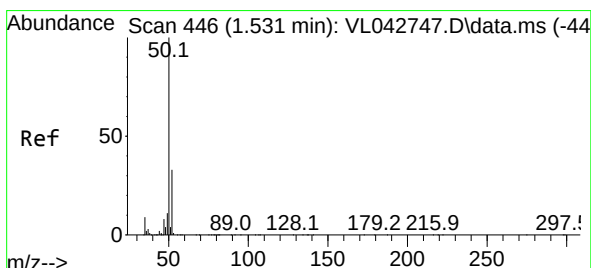
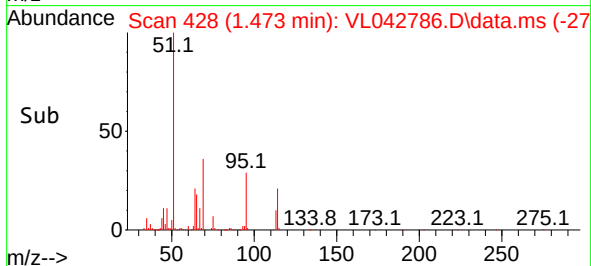
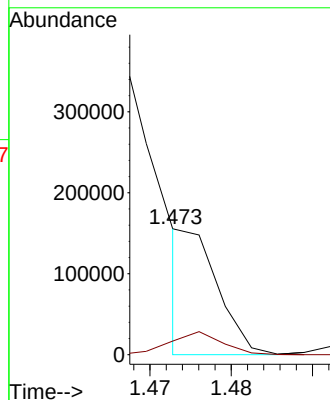
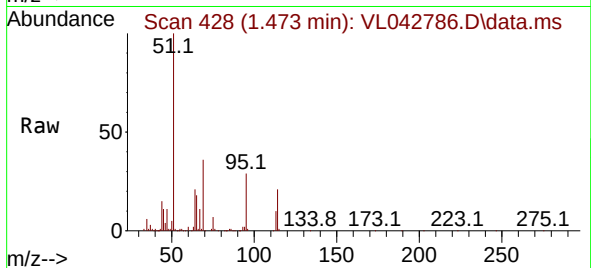
#3
Chlorodifluoromethane
Concen: 1.686 ppbv m
RT: 1.473 min Scan# 428
Delta R.T. -0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 42028
Ion Ratio Lower Upper
51 100
67 33.1 15.0 22.6

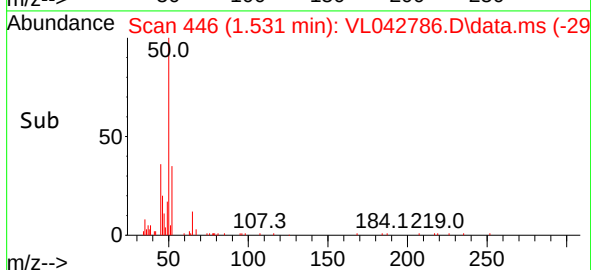
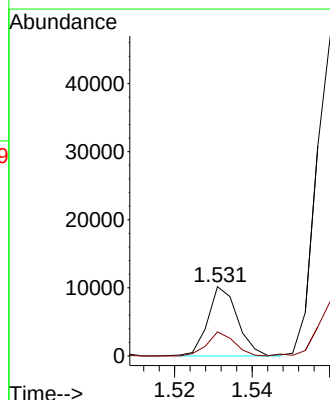
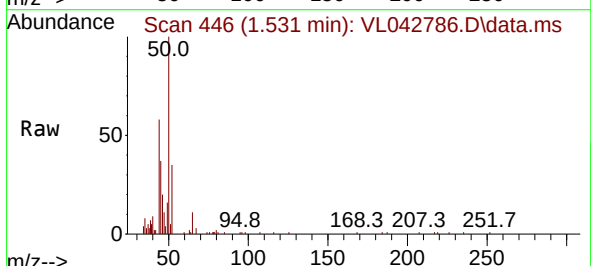
Manual Integrations
APPROVED

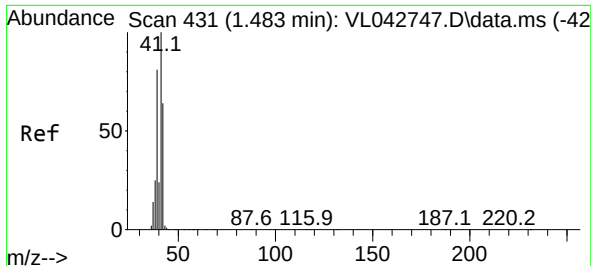
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#4
Chloromethane
Concen: 0.699 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 50 Resp: 5410
Ion Ratio Lower Upper
50 100
52 35.1 26.6 40.0





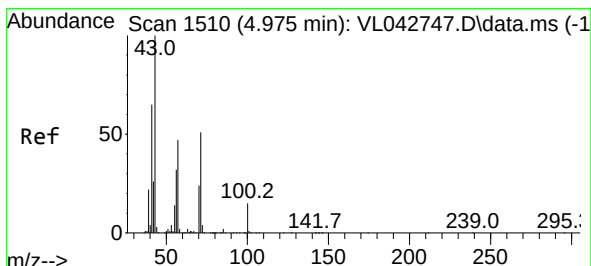
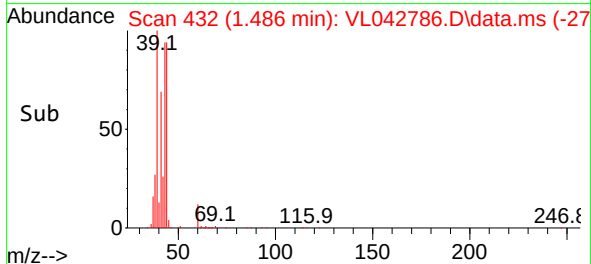
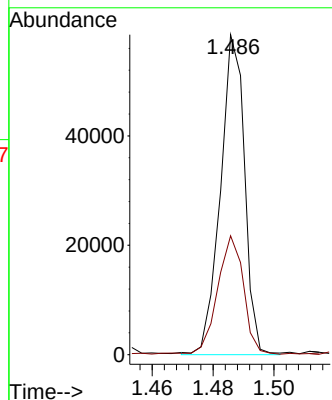
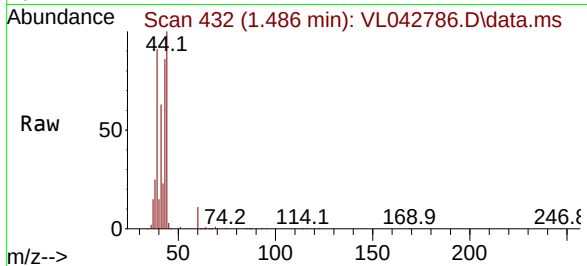
#9
Propene
Concen: 3.553 ppbv m
RT: 1.486 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 41 Resp: 3219
Ion Ratio Lower Upper
41 100
42 1926.9 53.2 79.8

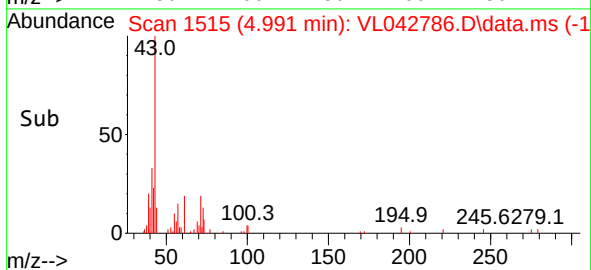
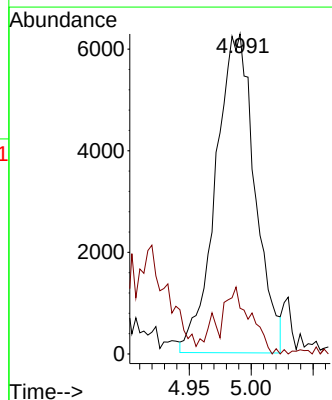
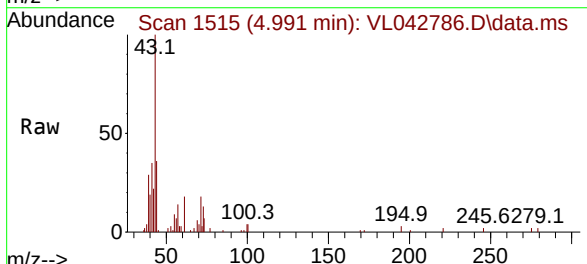
Manual Integrations
APPROVED

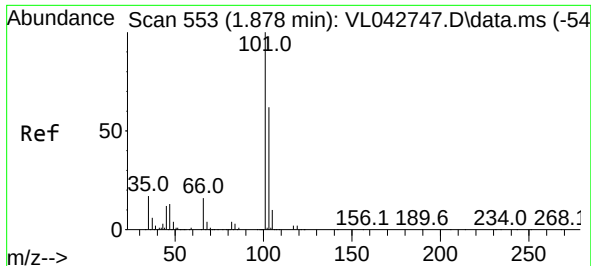
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#10
Heptane
Concen: 0.567 ppbv
RT: 4.991 min Scan# 1515
Delta R.T. 0.016 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 43 Resp: 13850
Ion Ratio Lower Upper
43 100
57 16.5 39.9 59.9#





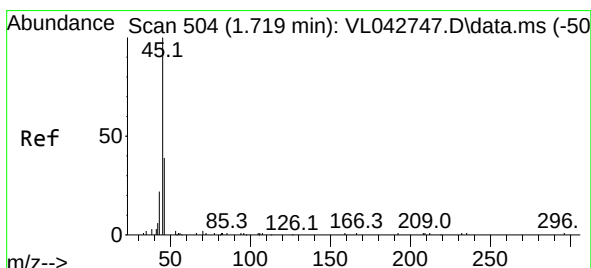
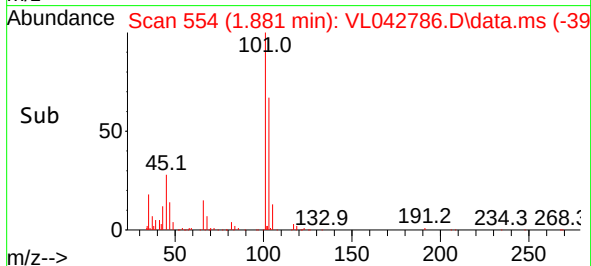
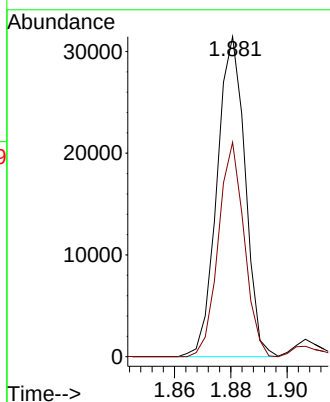
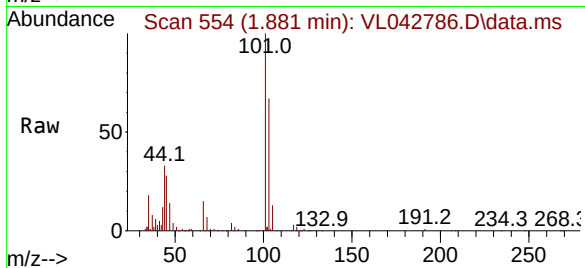
#11
Trichlorofluoromethane
Concen: 1.106 ppbv
RT: 1.881 min Scan# 506
Delta R.T. 0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:101 Resp: 21818
Ion Ratio Lower Upper
101 100
103 67.0 49.6 74.4

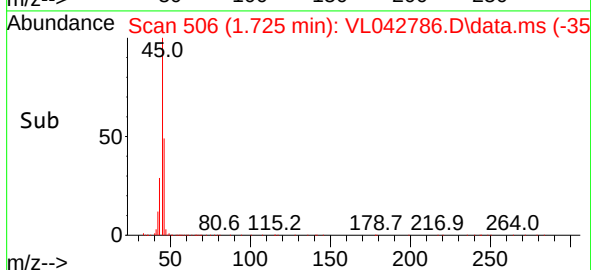
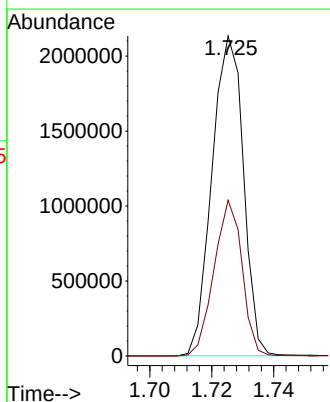
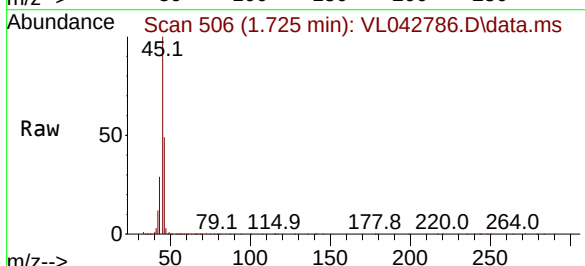
Manual Integrations
APPROVED

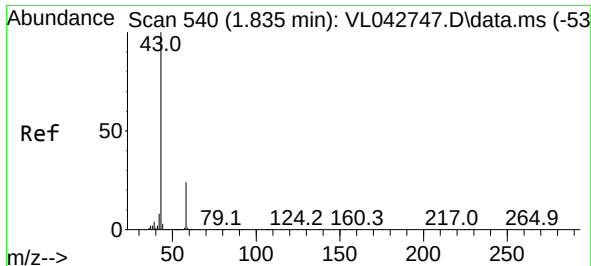
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#13
Ethanol
Concen: 2274.737 ppbv
RT: 1.725 min Scan# 506
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

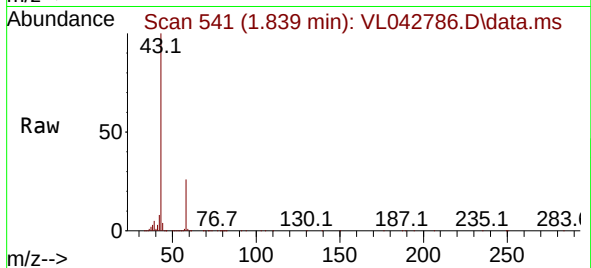
Tgt Ion: 45 Resp: 1501601
Ion Ratio Lower Upper
45 100
46 43.7 17.8 71.4





#15
Acetone
Concen: 19.679 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

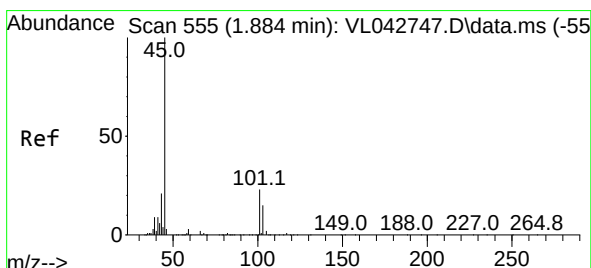
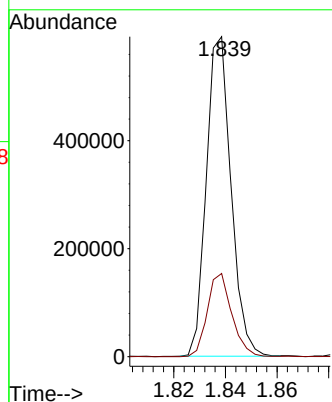
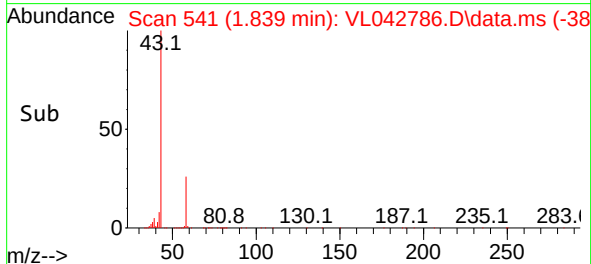
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 39335
Ion Ratio Lower Upper
43 100
58 26.0 19.8 29.8

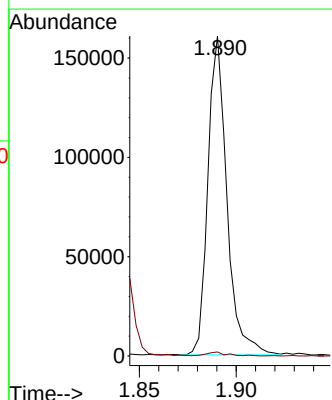
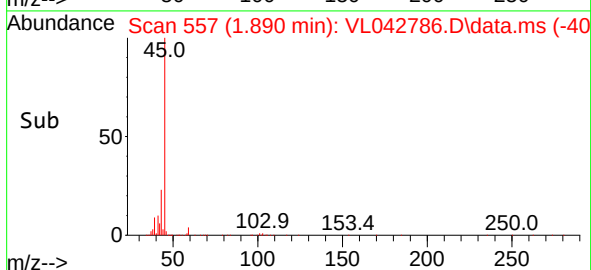
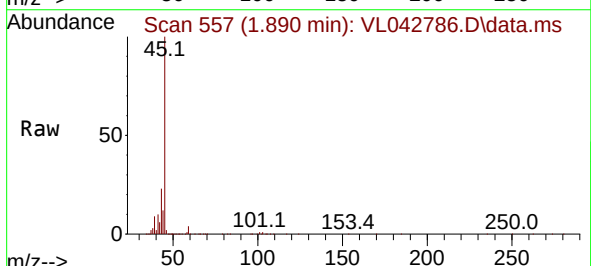
Manual Integrations
APPROVED

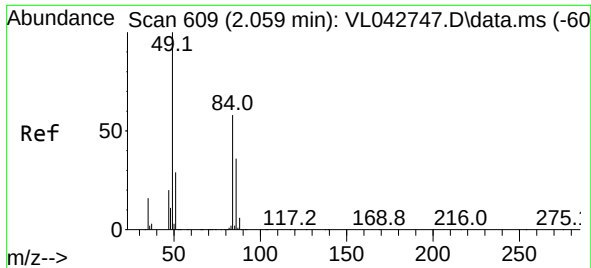
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#19
Isopropyl Alcohol
Concen: 10.305 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

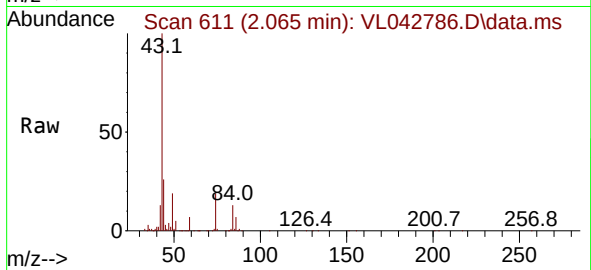
Tgt Ion: 45 Resp: 109463
Ion Ratio Lower Upper
45 100
58 93.3 30.0 45.0#





#20
Methylene Chloride
Concen: 0.940 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

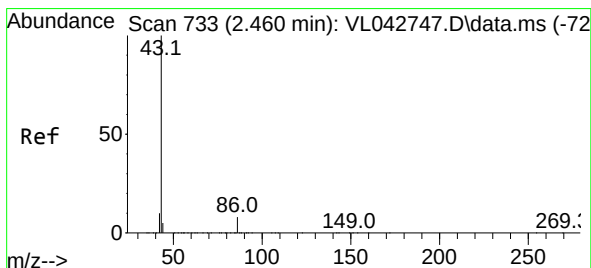
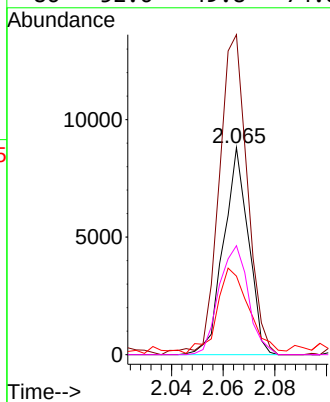
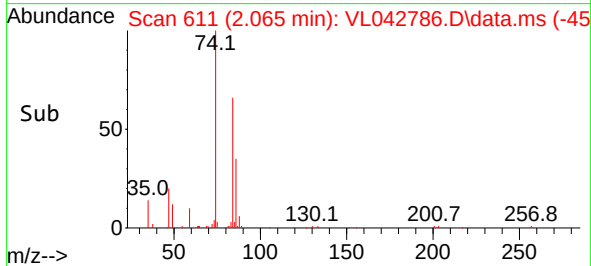
Instrument :
MSVOA_L
ClientSampleId :
IA1



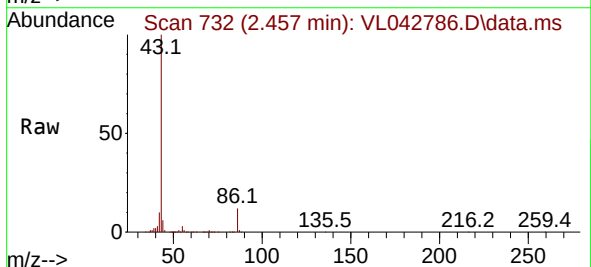
Tgt Ion: 84 Resp: 5920
Ion Ratio Lower Upper
84 100
49 154.5 138.6 208.0
51 35.7 40.6 61.0
86 52.6 49.8 74.8

Manual Integrations
APPROVED

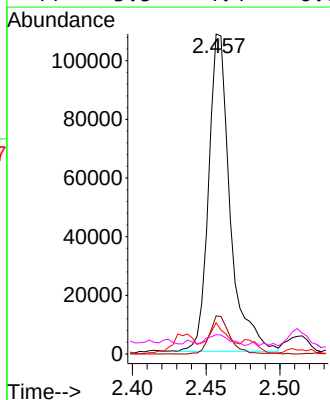
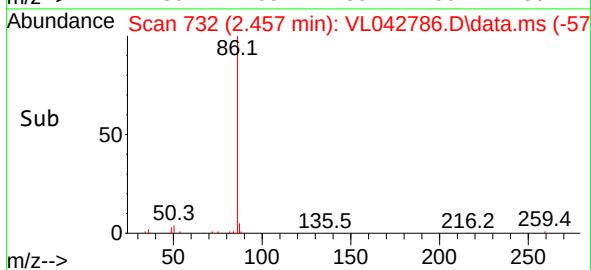
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

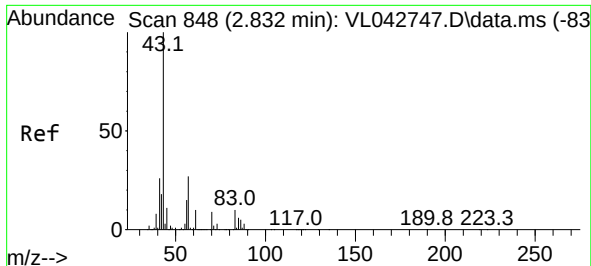


#23
Vinyl Acetate
Concen: 4.521 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48



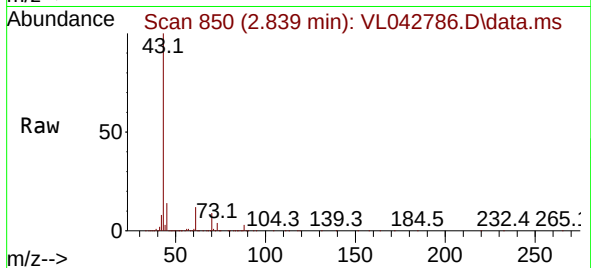
Tgt Ion: 43 Resp: 109547
Ion Ratio Lower Upper
43 100
86 12.0 6.1 9.1#
42 9.5 7.8 11.8
44 3.5 4.4 6.6#





#25
Ethyl Acetate
Concen: 15.901 ppbv
RT: 2.839 min Scan# 848
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

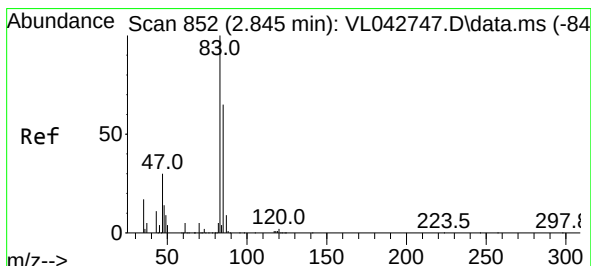
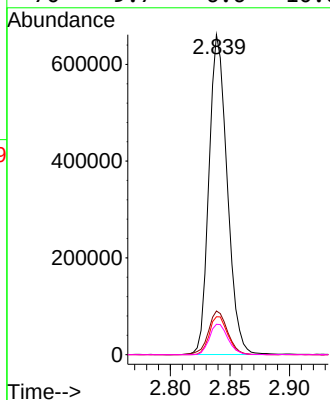
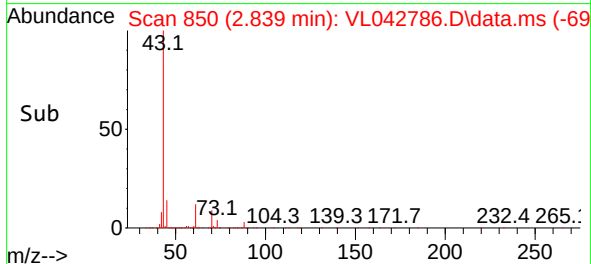
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 703519
Ion Ratio Lower Upper
43 100
45 14.5 7.8 11.6
61 12.1 6.7 10.1
70 9.7 6.6 10.0

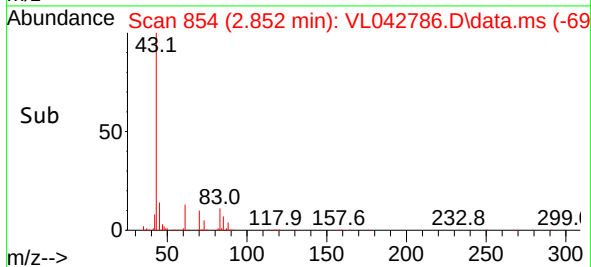
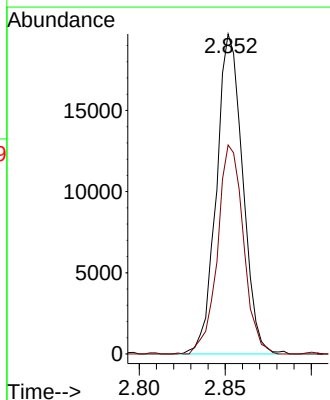
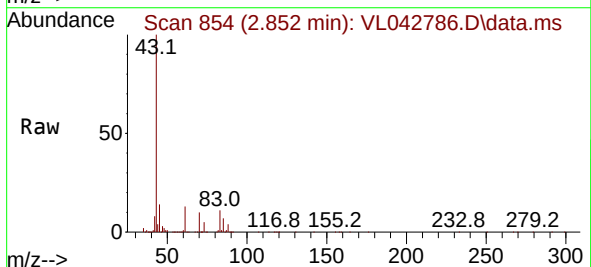
Manual Integrations
APPROVED

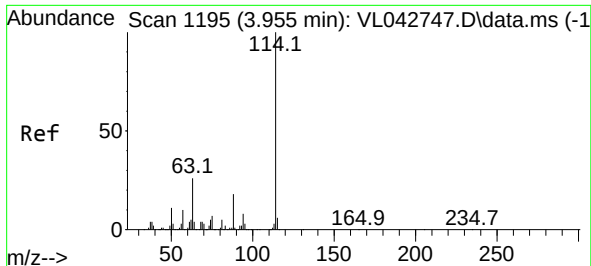
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#29
Chloroform
Concen: 0.698 ppbv
RT: 2.852 min Scan# 854
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 83 Resp: 20938
Ion Ratio Lower Upper
83 100
85 65.3 52.2 78.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Instrument :

MSVOA_L

ClientSampleId :

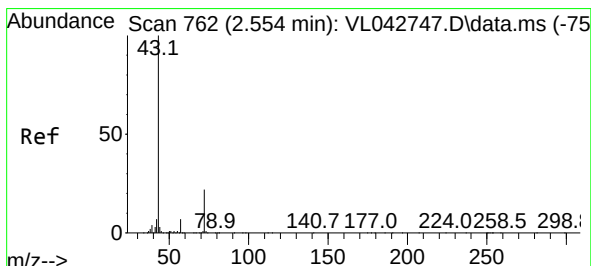
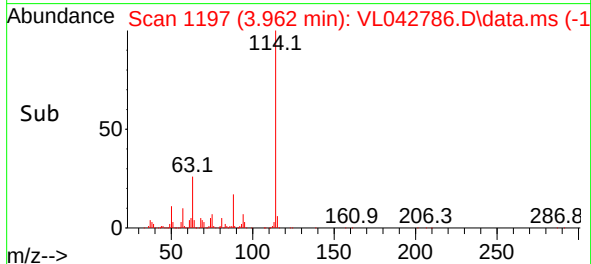
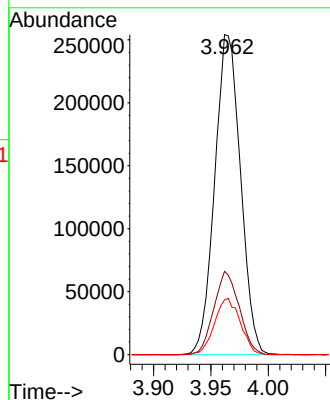
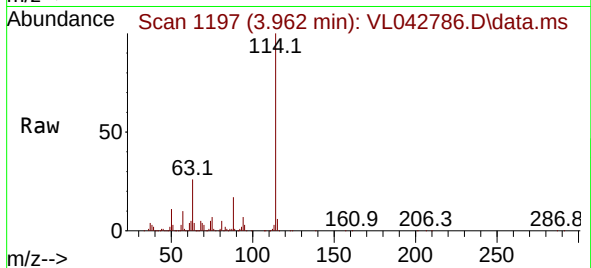
IA1

Tgt Ion:114 Resp: 398064
 Ion Ratio Lower Upper
 114 100
 63 25.6 20.5 30.7
 88 17.6 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#34

2-Butanone

Concen: 2.481 ppbv

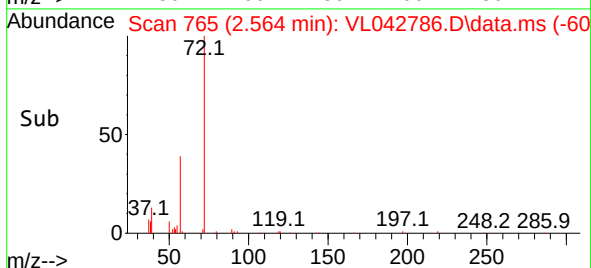
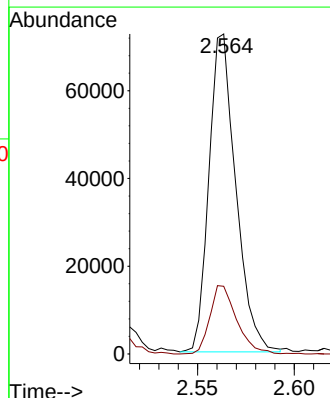
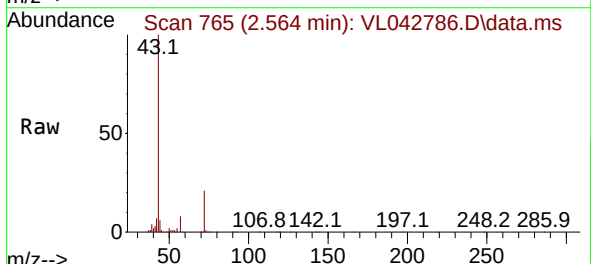
RT: 2.564 min Scan# 765

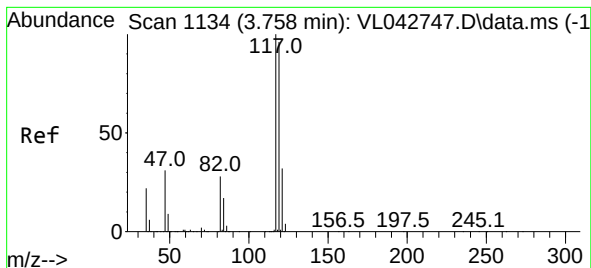
Delta R.T. 0.010 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Tgt Ion: 43 Resp: 69967
 Ion Ratio Lower Upper
 43 100
 72 21.5 17.4 26.0





#35

Carbon Tetrachloride

Concen: 0.130 ppbv m

RT: 3.774 min Scan# 1134

Delta R.T. 0.016 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:117 Resp: 3830

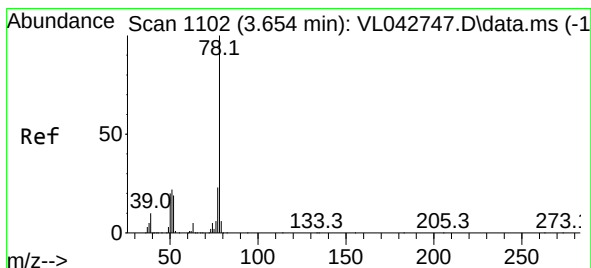
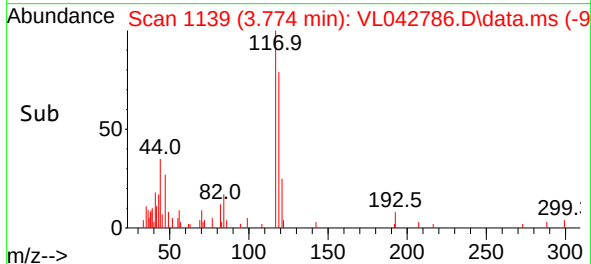
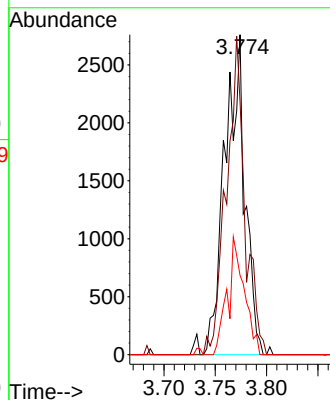
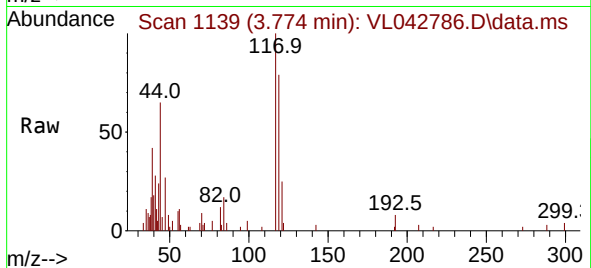
Ion	Ratio	Lower	Upper
117	100		
119	79.0	77.1	115.7
121	24.8	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#36

Benzene

Concen: 0.317 ppbv

RT: 3.661 min Scan# 1104

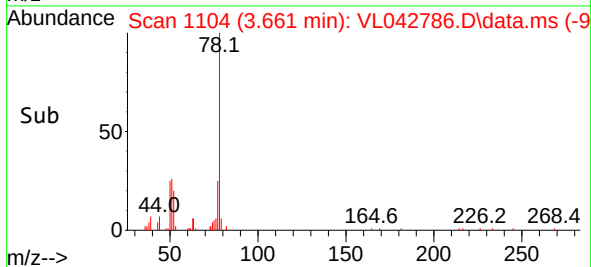
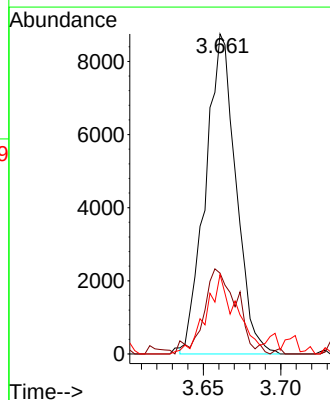
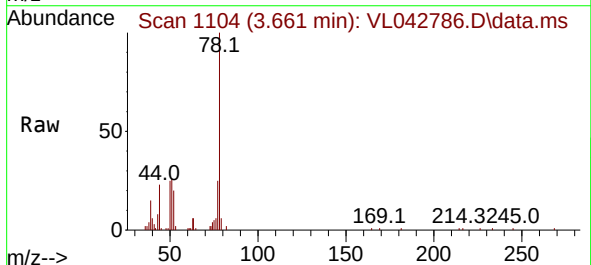
Delta R.T. 0.006 min

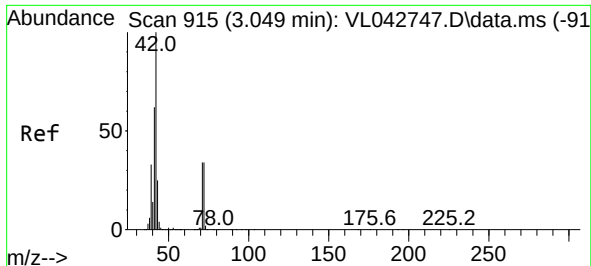
Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Tgt Ion: 78 Resp: 11967

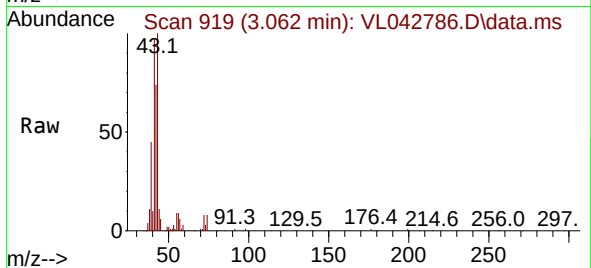
Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.5	27.7
50	23.7	16.2	24.2





#41
Tetrahydrofuran
Concen: 1.340 ppbv
RT: 3.062 min Scan# 915
Delta R.T. 0.013 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

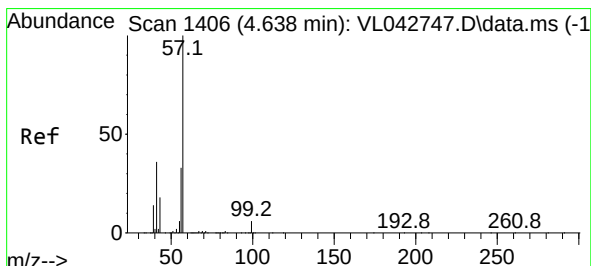
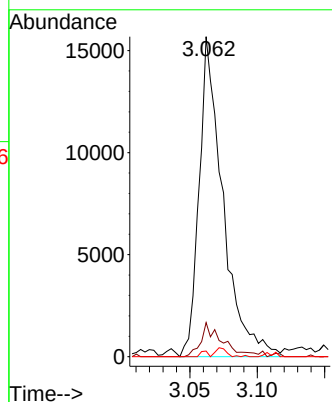
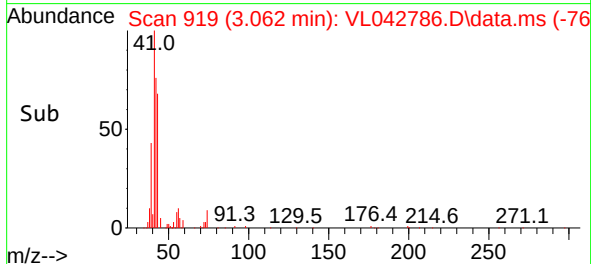
Instrument :
MSVOA_L
ClientSampleId :
IA1



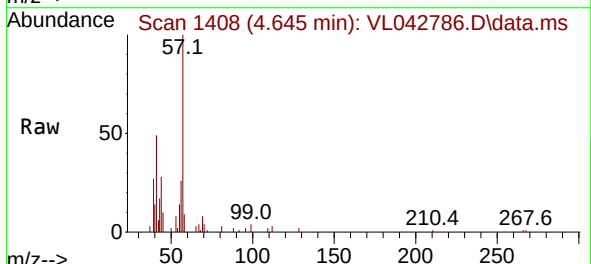
Tgt Ion: 42 Resp: 19230
Ion Ratio Lower Upper
42 100
72 10.1 30.9 46.3#
71 1.8 28.6 43.0#

Manual Integrations
APPROVED

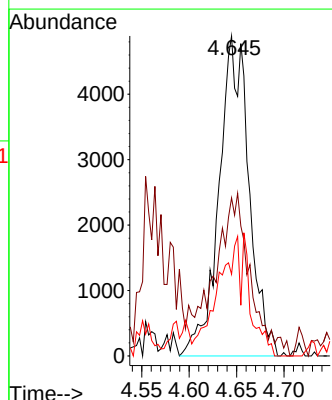
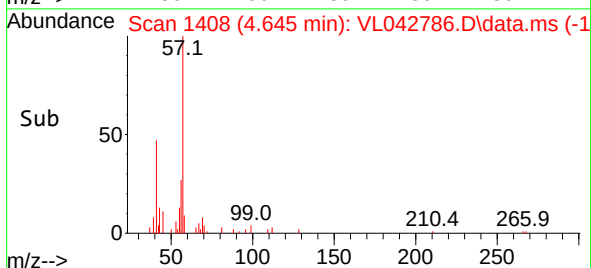
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

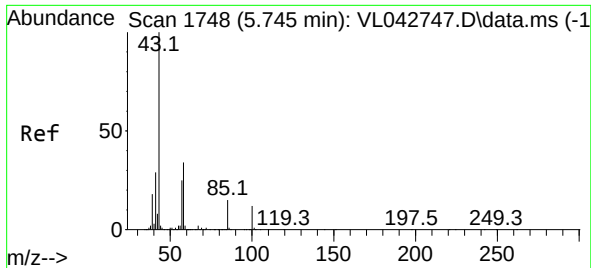


#44
2,2,4-Trimethylpentane
Concen: 0.175 ppbv m
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48



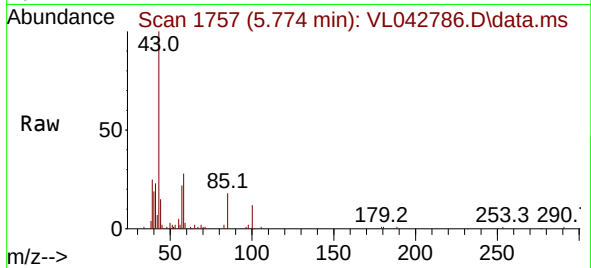
Tgt Ion: 57 Resp: 10747
Ion Ratio Lower Upper
57 100
41 0.0 28.3 42.5#
56 0.0 25.8 38.6#





#50
4-Methyl-2-Pentanone
Concen: 1.011 ppbv m
RT: 5.774 min Scan# 1757
Delta R.T. 0.029 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

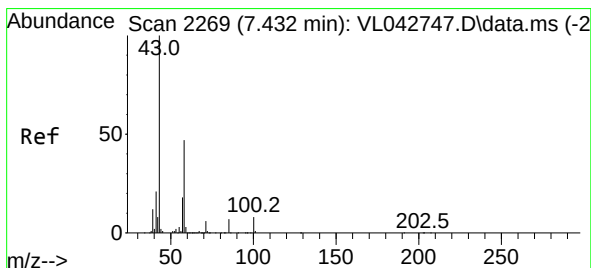
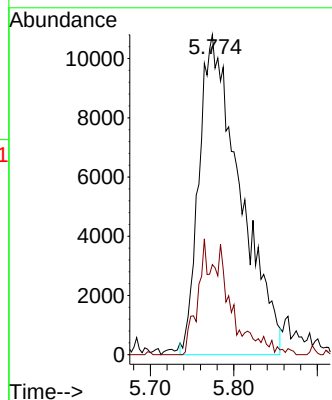
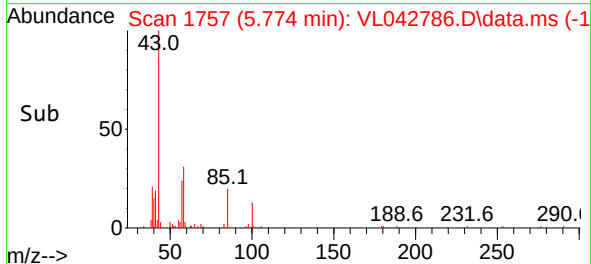
Instrument : MSVOA_L
ClientSampleId : IA1



Tgt Ion: 43 Resp: 36734
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8

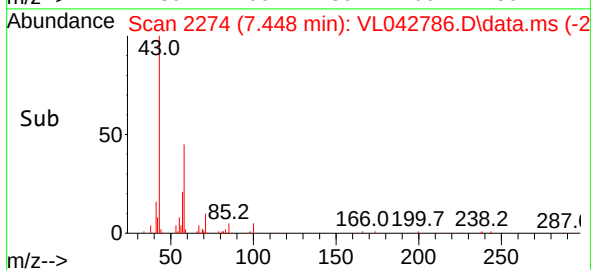
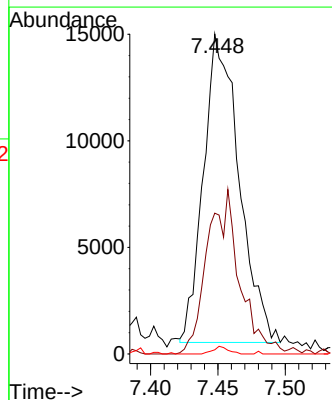
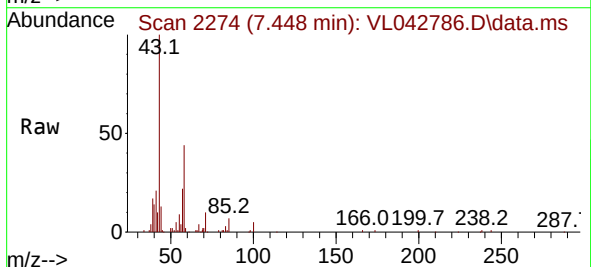
Manual Integrations
APPROVED

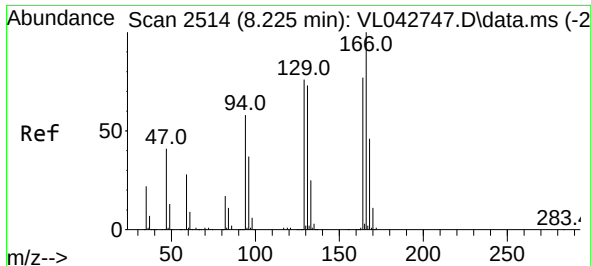
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#51
2-Hexanone
Concen: 0.971 ppbv
RT: 7.448 min Scan# 2274
Delta R.T. 0.016 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

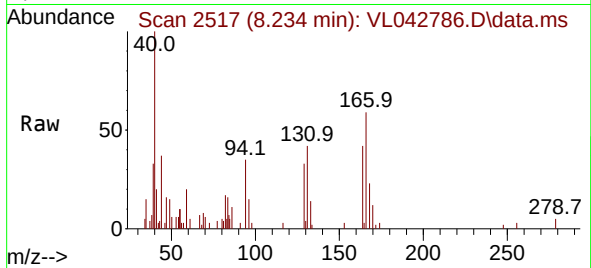
Tgt Ion: 43 Resp: 26639
Ion Ratio Lower Upper
43 100
58 49.5 38.0 57.0
98 1.0 0.2 0.4





#52
Tetrachloroethene
Concen: 0.105 ppbv m
RT: 8.234 min Scan# 2118
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

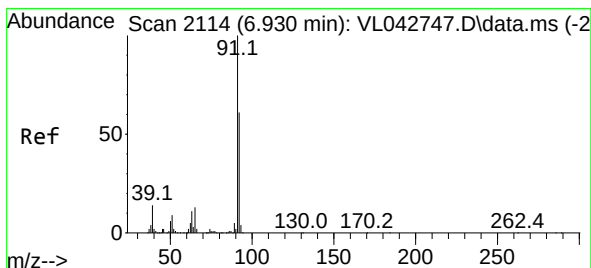
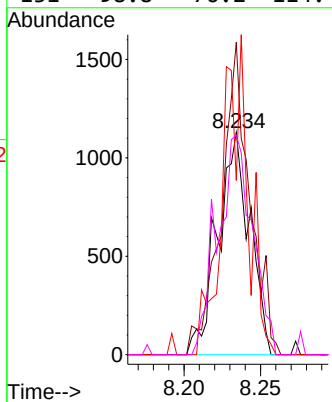
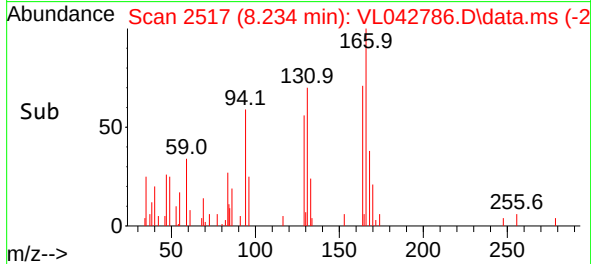
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:164 Resp: 1644
Ion Ratio Lower Upper
164 100
166 140.7 104.0 156.0
129 78.5 79.2 118.8
131 98.8 76.2 114.4

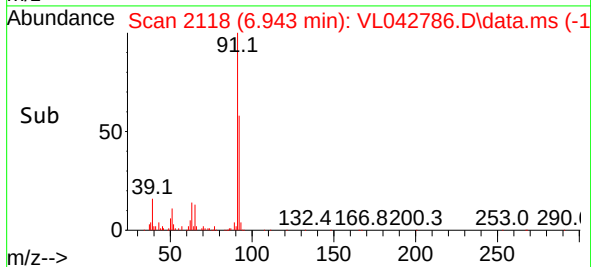
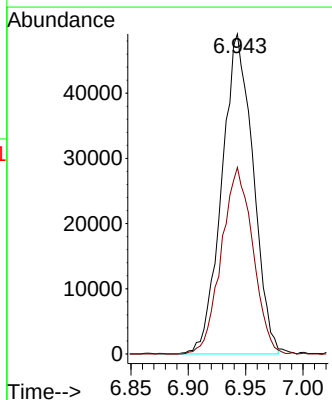
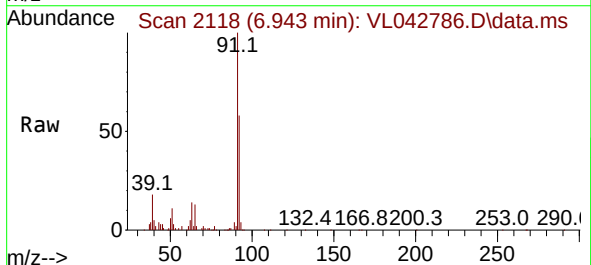
Manual Integrations
APPROVED

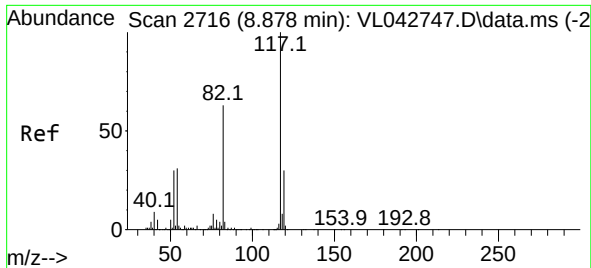
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#53
Toluene
Concen: 2.295 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. 0.013 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 91 Resp: 92975
Ion Ratio Lower Upper
91 100
92 58.7 48.0 72.0





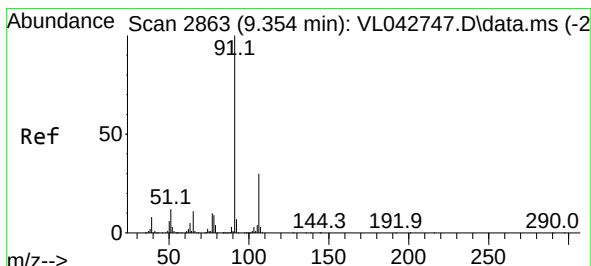
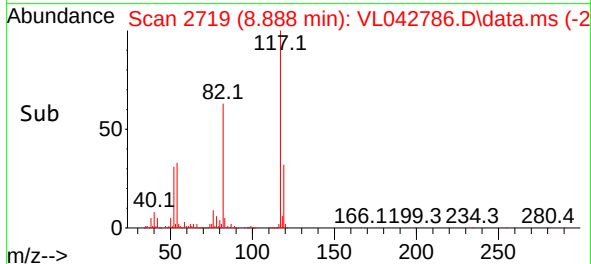
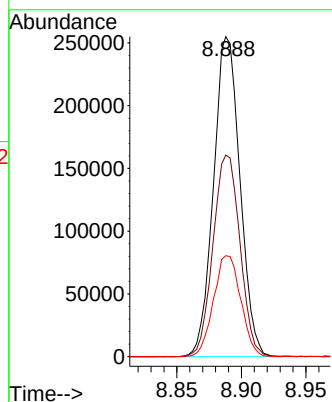
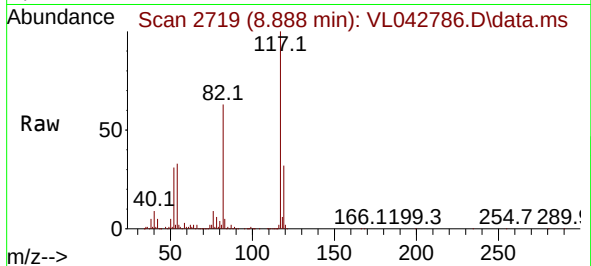
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2716
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:117 Resp: 363372
Ion Ratio Lower Upper
117 100
82 64.2 53.3 79.9
119 32.6 25.8 38.6

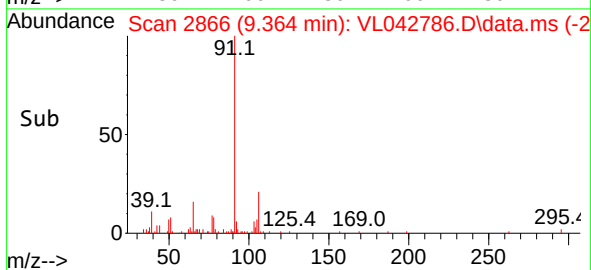
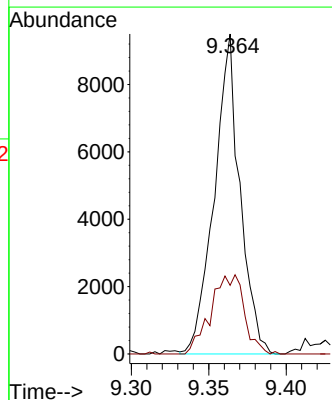
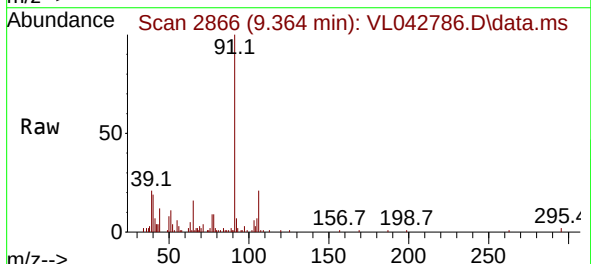
Manual Integrations
APPROVED

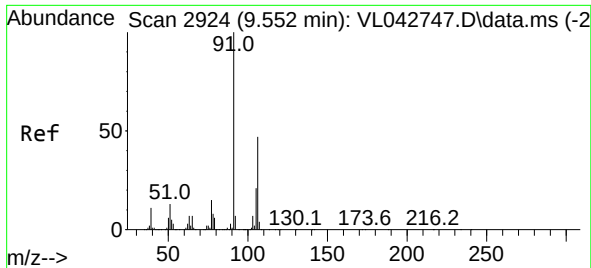
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#58
Ethyl Benzene
Concen: 0.190 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Tgt Ion: 91 Resp: 10925
Ion Ratio Lower Upper
91 100
106 21.5 23.8 35.6#





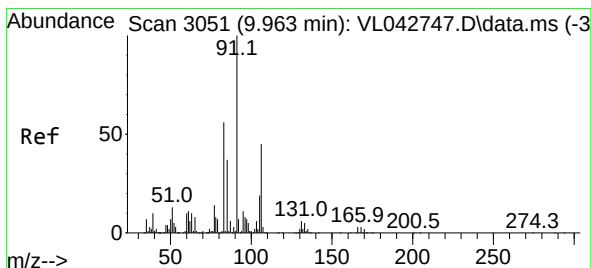
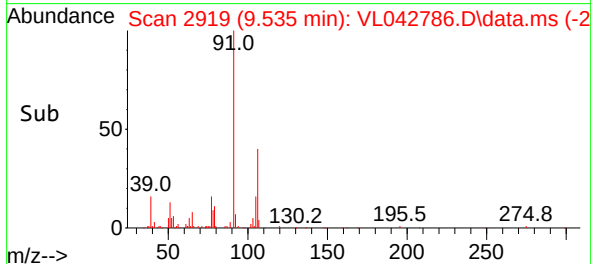
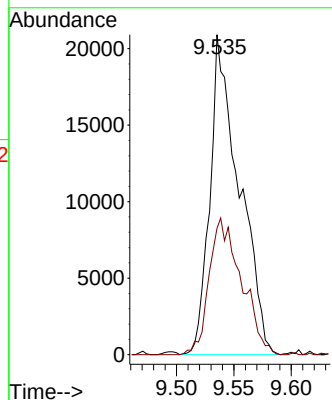
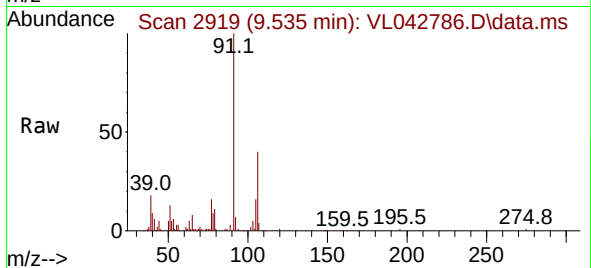
#59
m/p-Xylene
Concen: 0.810 ppbv
RT: 9.535 min Scan# 2919
Delta R.T. -0.016 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 3715
Ion Ratio Lower Upper
91 100
106 47.0 37.4 56.2

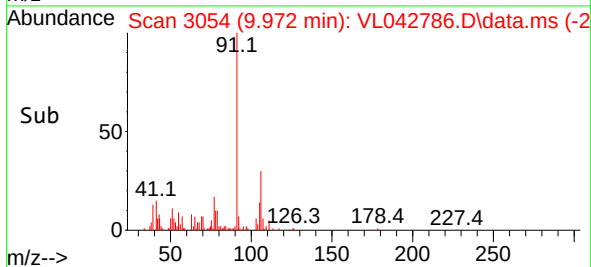
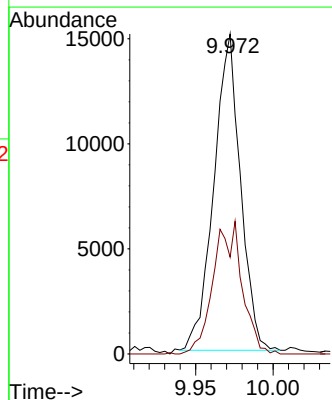
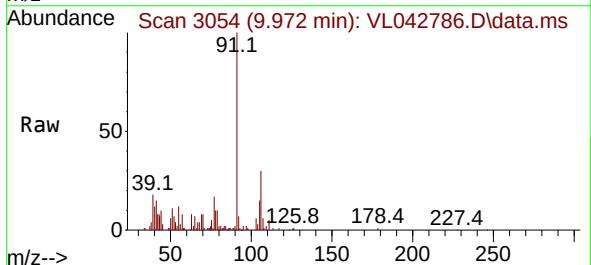
Manual Integrations
APPROVED

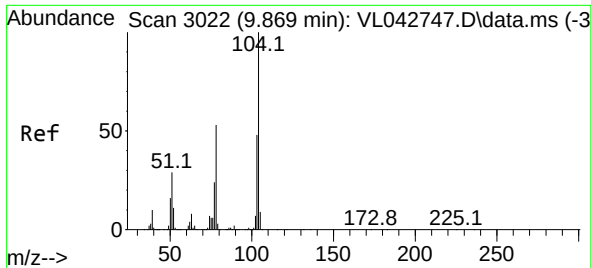
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#60
o-Xylene
Concen: 0.392 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

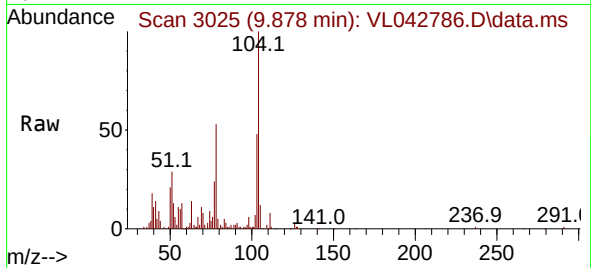
Tgt Ion: 91 Resp: 17984
Ion Ratio Lower Upper
91 100
106 45.3 22.0 66.0





#61
Styrene
Concen: 1.181 ppbv
RT: 9.878 min Scan# 3022
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

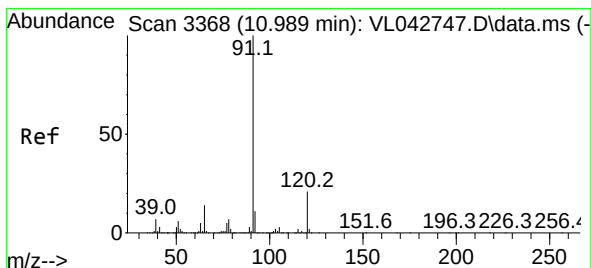
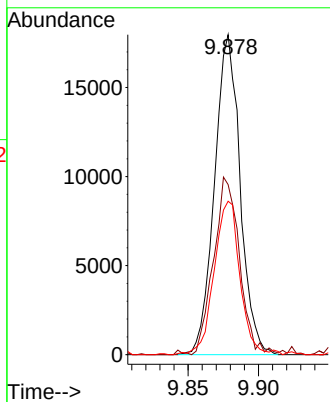
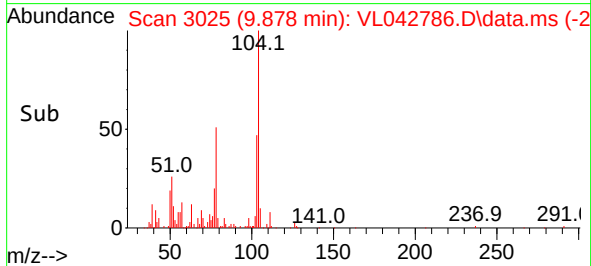
Instrument :
MSVOA_L
ClientSampleId :
IA1



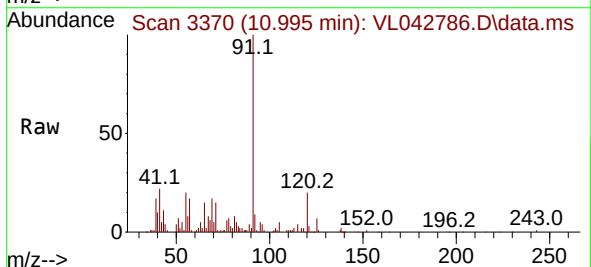
Tgt Ion:104 Resp: 22758
Ion Ratio Lower Upper
104 100
78 56.5 41.5 62.3
103 48.8 37.5 56.3

Manual Integrations
APPROVED

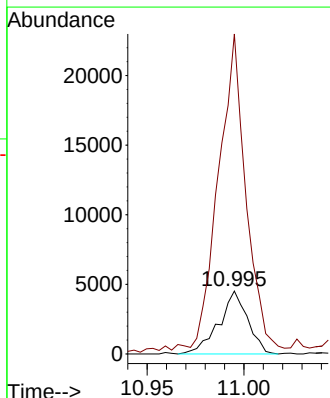
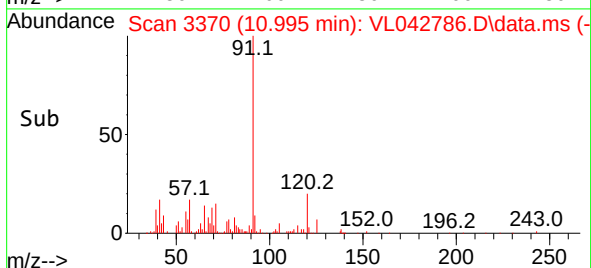
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

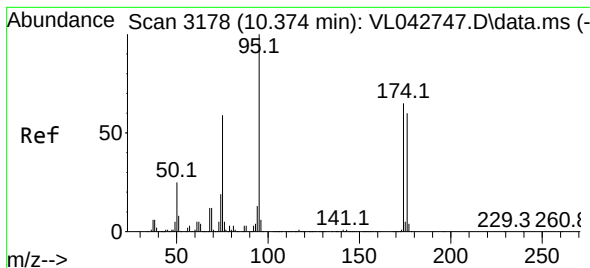


#64
n-propylbenzene
Concen: 0.266 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48



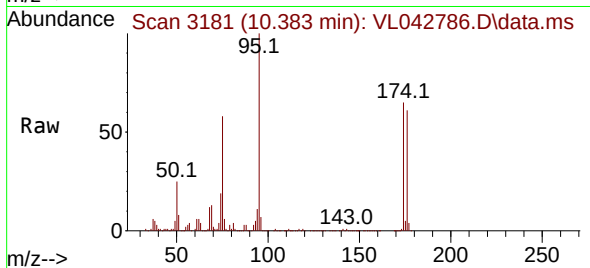
Tgt Ion:120 Resp: 4688
Ion Ratio Lower Upper
120 100
91 504.5 372.7 559.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.406 ppbv
RT: 10.383 min Scan# 3178
Delta R.T. 0.010 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

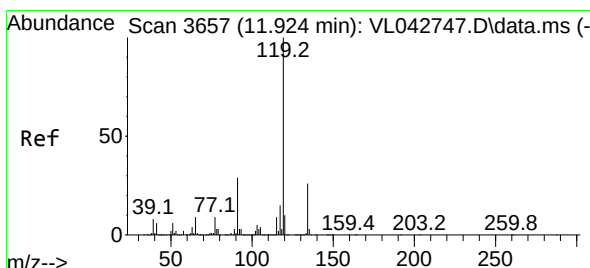
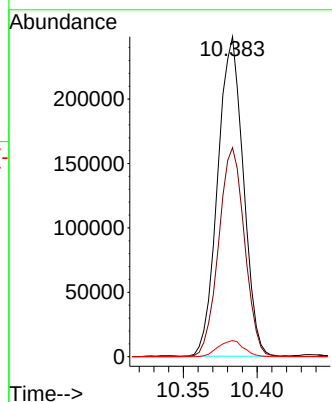
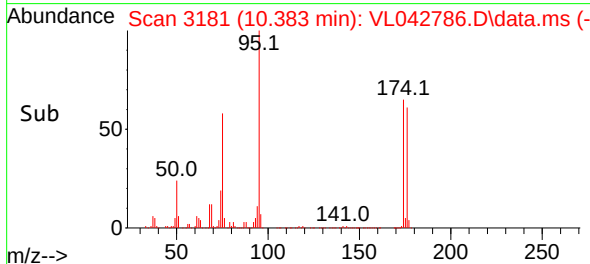
Instrument :
MSVOA_L
ClientSampleId :
IA1



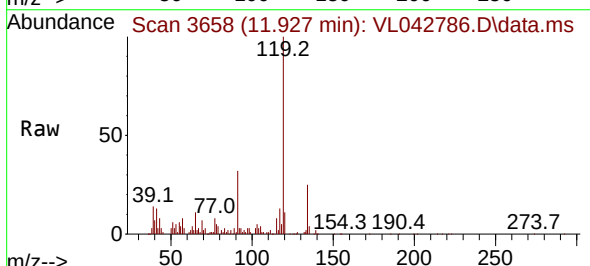
Tgt Ion: 95 Resp: 29945
Ion Ratio Lower Upper
95 100
174 66.1 53.8 80.6
175 5.1 4.0 6.0

Manual Integrations
APPROVED

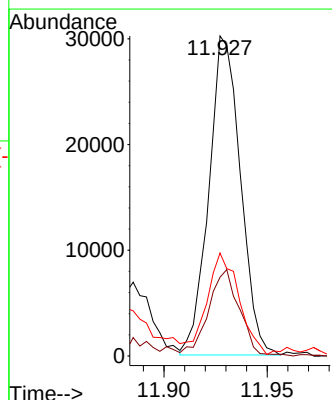
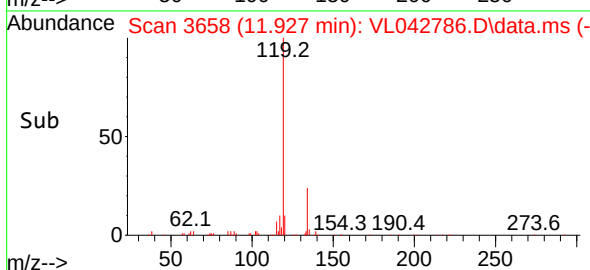
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

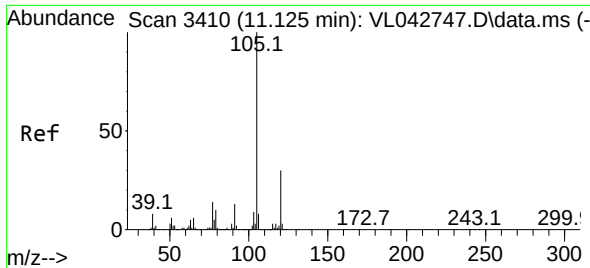


#69
p-Isopropyltoluene
Concen: 0.461 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48



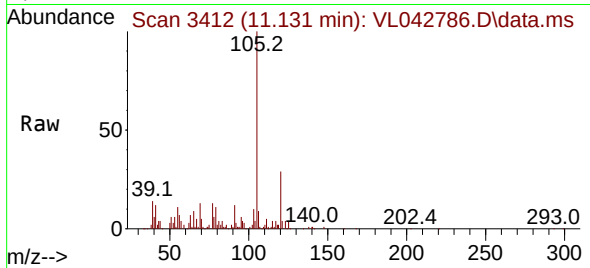
Tgt Ion:119 Resp: 32129
Ion Ratio Lower Upper
119 100
134 32.5 20.6 31.0#
91 33.3 23.2 34.8





#72
4-Ethyltoluene
Concen: 0.419 ppbv
RT: 11.131 min Scan# 3410
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48

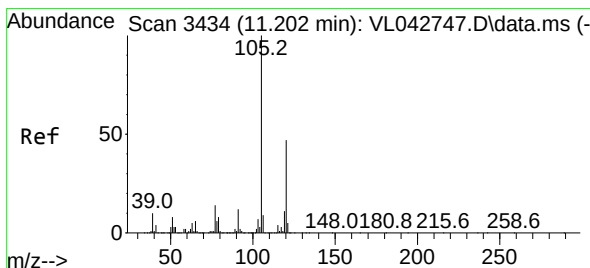
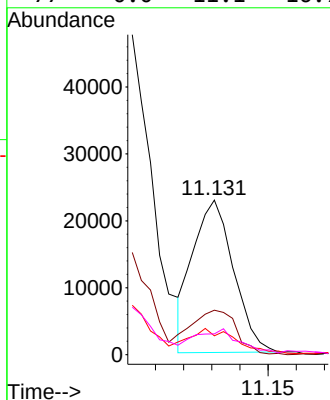
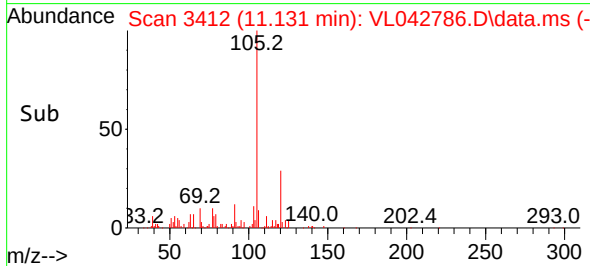
Instrument :
MSVOA_L
ClientSampleId :
IA1



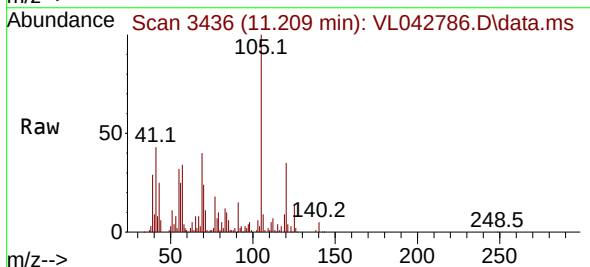
Tgt Ion:105 Resp: 22908
Ion Ratio Lower Upper
105 100
120 0.0 24.4 36.6
91 0.0 10.6 15.8
77 0.0 11.1 16.7#

Manual Integrations
APPROVED

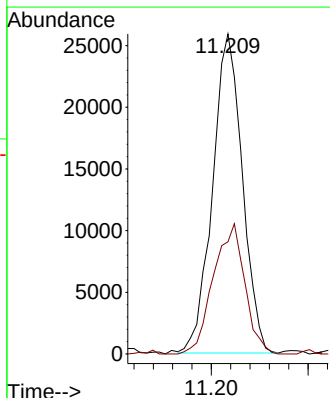
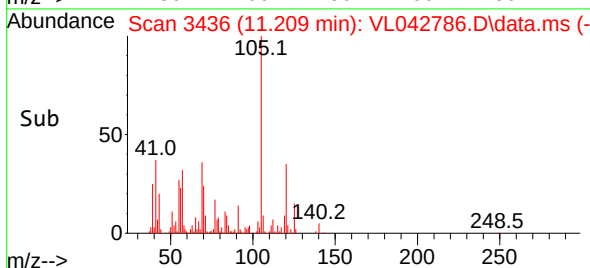
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

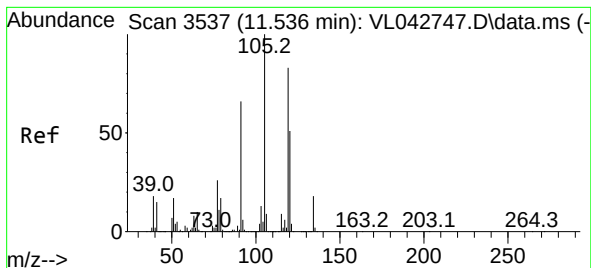


#73
1,3,5-Trimethylbenzene
Concen: 0.613 ppbv
RT: 11.209 min Scan# 3436
Delta R.T. 0.006 min
Lab File: VL042786.D
Acq: 29 Jul 2025 16:48



Tgt Ion:105 Resp: 27631
Ion Ratio Lower Upper
105 100
120 35.2 37.8 56.8#





#74

1,2,4-Trimethylbenzene

Concen: 2.113 ppbv

RT: 11.542 min Scan# 3537

Delta R.T. 0.006 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

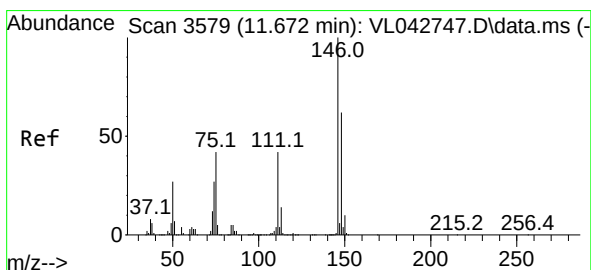
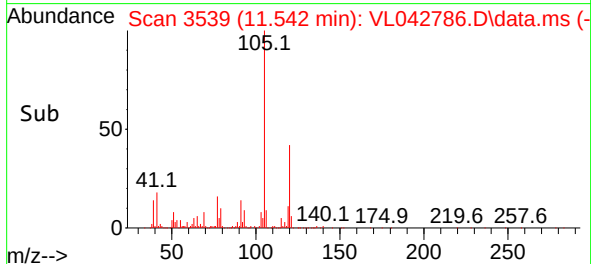
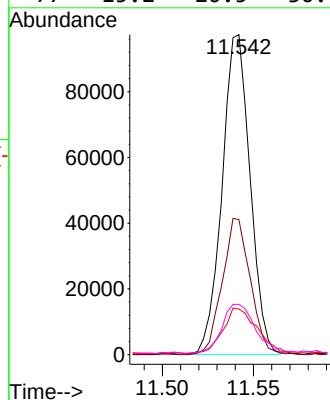
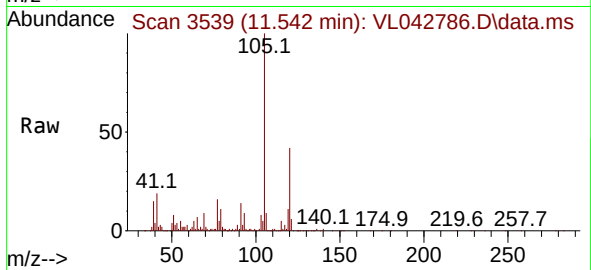
Tgt Ion:	105	Resp:	103870
Ion Ratio	Lower	Upper	
105	100		
120	42.1	40.8	61.2
91	13.7	53.0	79.4
77	15.2	20.5	30.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#76

1,4-Dichlorobenzene

Concen: 0.250 ppbv

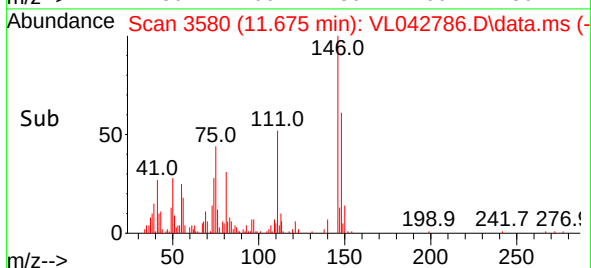
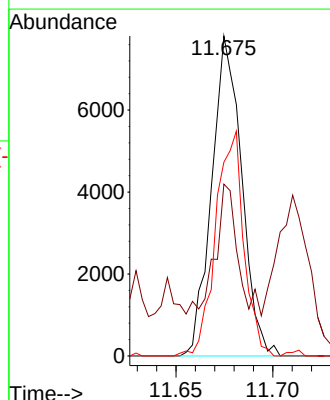
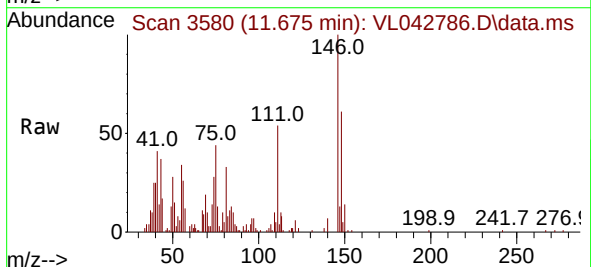
RT: 11.675 min Scan# 3580

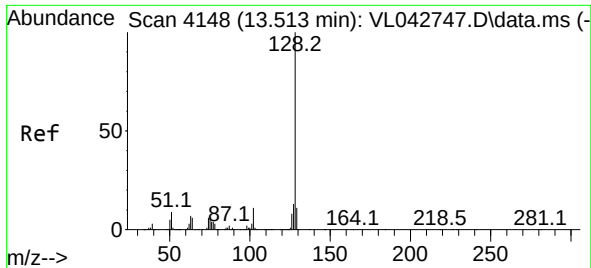
Delta R.T. 0.003 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Tgt Ion:	146	Resp:	8416
Ion Ratio	Lower	Upper	
146	100		
111	55.8	21.4	64.2
148	66.5	32.1	96.3





#79

Naphthalene

Concen: 0.676 ppbv

RT: 13.516 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042786.D

Acq: 29 Jul 2025 16:48

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:128 Resp: 1345

Ion Ratio Lower Upper

128 100

127 11.8 10.5 15.7

129 11.7 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025

