

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
 Data File : VL042741.D
 Acq On : 22 Jul 2025 21:12
 Operator : SY/MD
 Sample : Q2632-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/23/2025
 Supervised By : Mahesh Dadoda 07/23/2025

Quant Time: Jul 23 03:06:38 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M

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

QLast Update : Wed Jul 23 02:51:39 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	111344	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	322913	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	292536	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	243485	10.298	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.495	85	7171	0.413	ppbv	96
3) Chlorodifluoromethane	1.473	51	5468m	0.278	ppbv	
4) Chloromethane	1.531	50	4476	0.629	ppbv	94
9) Propene	1.486	41	12985m	1.862	ppbv	
10) Heptane	4.978	43	7547m	0.389	ppbv	
11) Trichlorofluoromethane	1.877	101	4293	0.240	ppbv	94
13) Ethanol	1.719	45	167054	142.377	ppbv	96
15) Acetone	1.832	43	1266119	67.914	ppbv	92
19) Isopropyl Alcohol	1.884	45	203603	20.607	ppbv #	1
26) Hexane	2.826	57	19843	1.315	ppbv #	69
34) 2-Butanone	2.554	43	114753	5.161	ppbv	98
35) Carbon Tetrachloride	3.761	117	1697m	0.064	ppbv	
36) Benzene	3.651	78	6485	0.216	ppbv #	91
37) 1,2-Dichloroethane	3.214	62	35349	1.847	ppbv #	96
44) 2,2,4-Trimethylpentane	4.635	57	8528m	0.173	ppbv	
50) 4-Methyl-2-Pentanone	5.745	43	108290m	3.716	ppbv	
51) 2-Hexanone	7.444	43	9070m	0.390	ppbv	
52) Tetrachloroethene	8.221	164	6100m	0.505	ppbv	
53) Toluene	6.926	91	623030	18.420	ppbv	100
58) Ethyl Benzene	9.351	91	59900	1.226	ppbv	97
59) m/p-Xylene	9.529	91	271574	6.947	ppbv	98
60) o-Xylene	9.959	91	154009	3.902	ppbv	100
61) Styrene	9.865	104	23960m	1.409	ppbv	
62) Isopropylbenzene	10.535	105	28526	0.486	ppbv	100
64) n-propylbenzene	10.985	120	20910	1.413	ppbv	96
69) p-Isopropyltoluene	11.924	119	90731	1.502	ppbv	99
70) n-Butylbenzene	12.280	91	22515m	0.390	ppbv	
72) 4-Ethyltoluene	11.124	105	99089	2.105	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.199	105	158369	4.068	ppbv	98
74) 1,2,4-Trimethylbenzene	11.532	105	411701	9.639	ppbv #	59
76) 1,4-Dichlorobenzene	11.671	146	4302	0.156	ppbv #	1
79) Naphthalene	13.510	128	23579	0.738	ppbv #	92

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

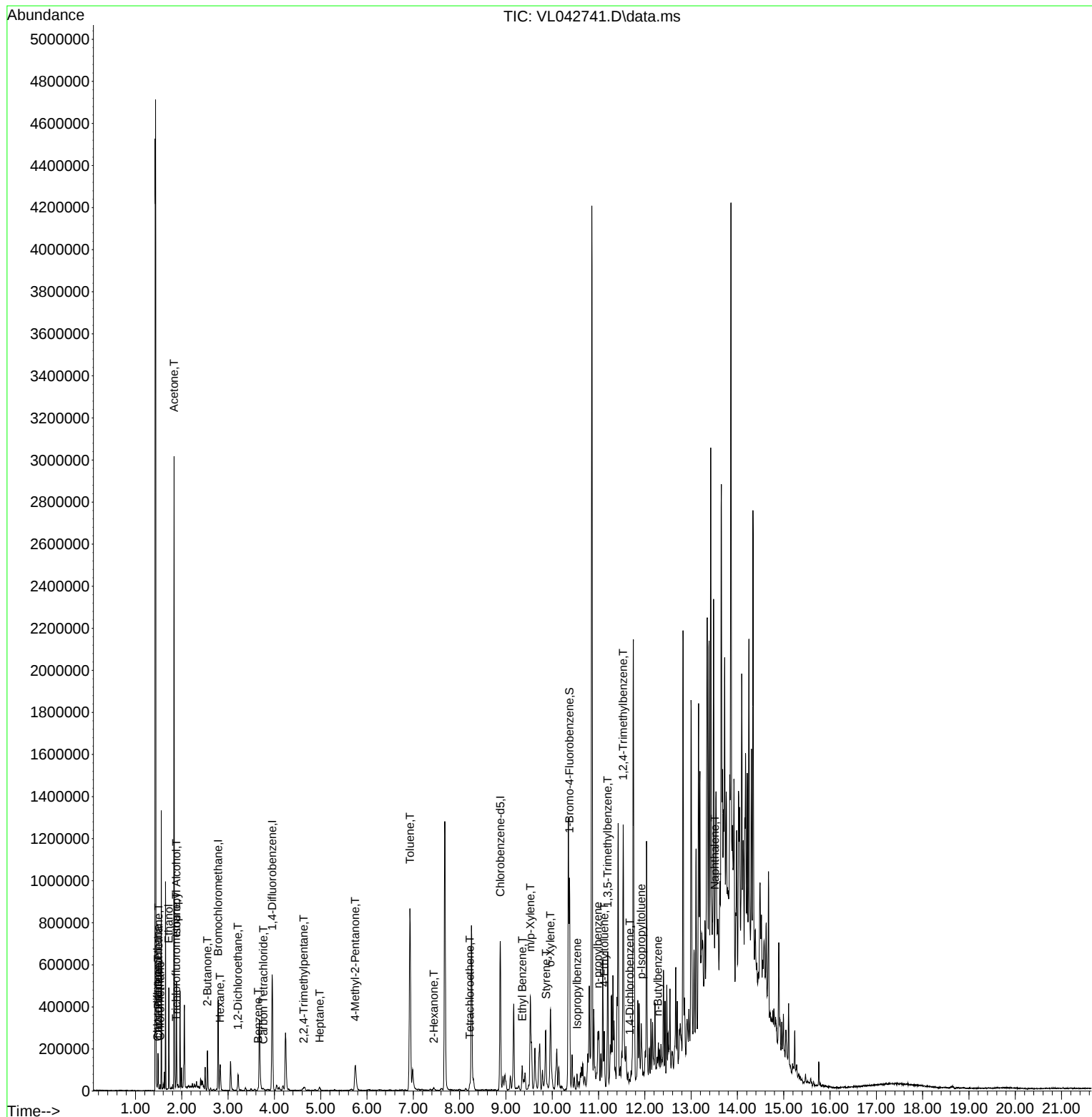
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072225\
Data File : VL042741.D
Acq On : 22 Jul 2025 21:12
Operator : SY/MD
Sample : Q2632-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

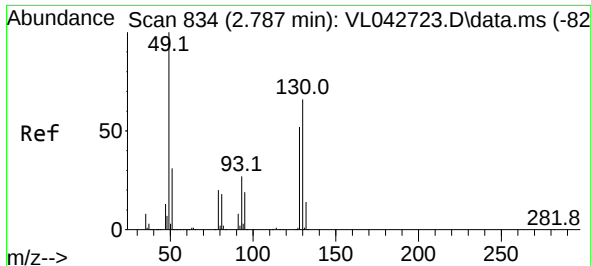
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Jul 23 03:06:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jul 23 02:51:39 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

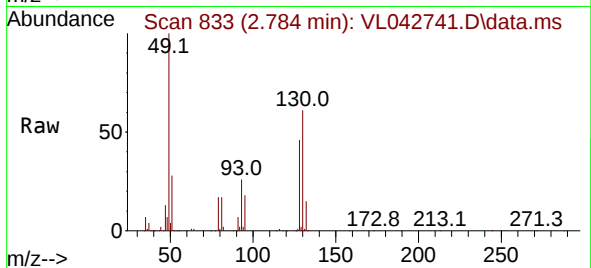
Reviewed By : Semsettin Yesilyurt 07/23/2025
Supervised By : Mahesh Dadoda 07/23/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

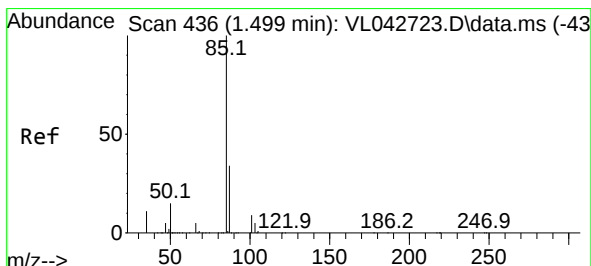
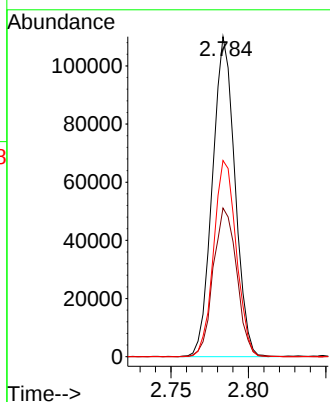
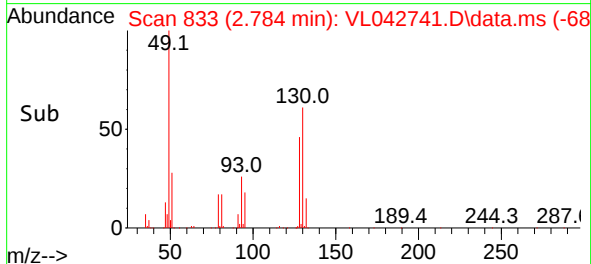
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 49 Resp: 111344
Ion Ratio Lower Upper
49 100
128 48.2 24.5 73.5
130 61.5 31.7 95.1

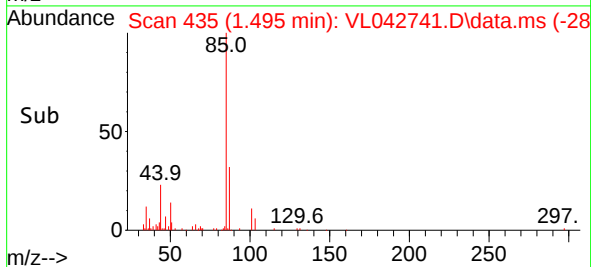
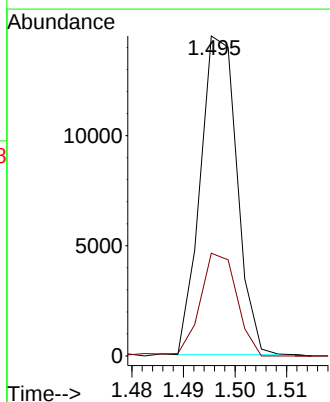
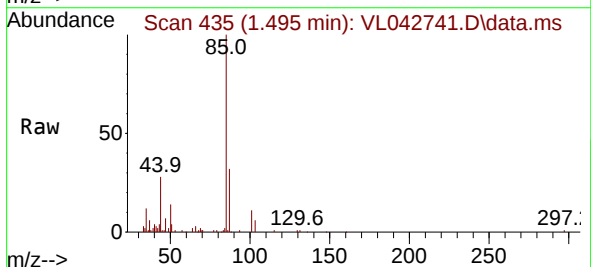
Manual Integrations
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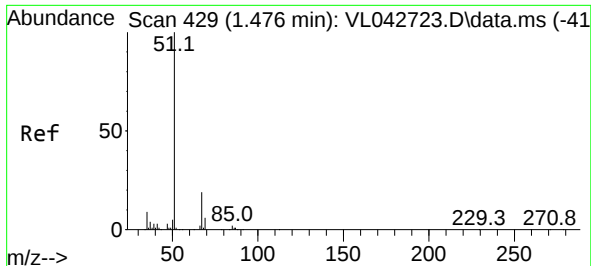
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#2
Dichlorodifluoromethane
Concen: 0.413 ppbv
RT: 1.495 min Scan# 435
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

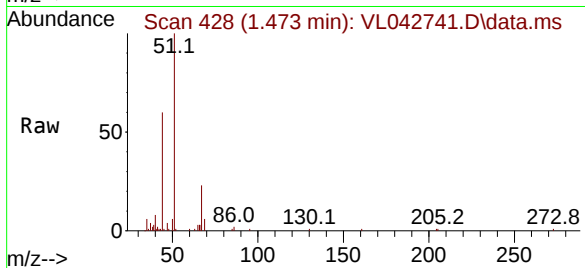
Tgt Ion: 85 Resp: 7171
Ion Ratio Lower Upper
85 100
87 32.2 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.278 ppbv m
RT: 1.473 min Scan# 429
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

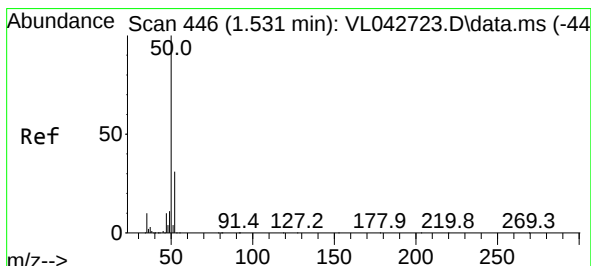
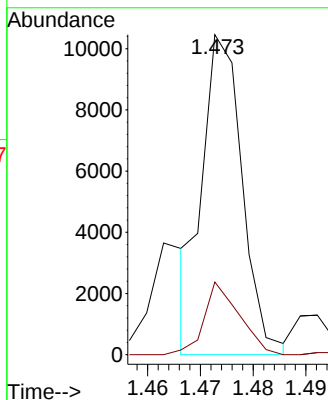
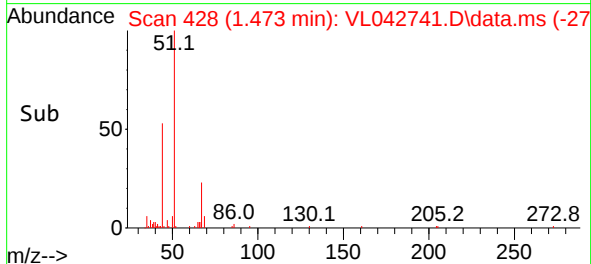
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



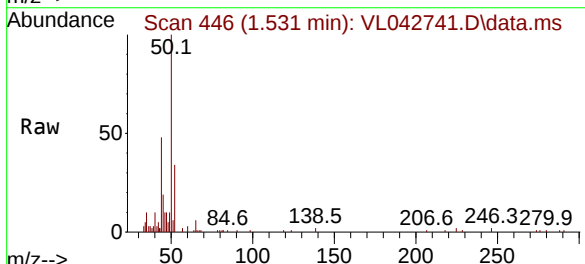
Tgt Ion: 51 Resp: 5468
Ion Ratio Lower Upper
51 100
67 5.1 16.0 24.0

Manual Integrations
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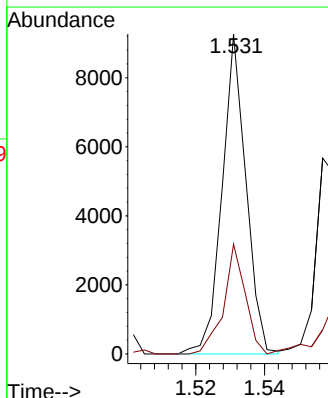
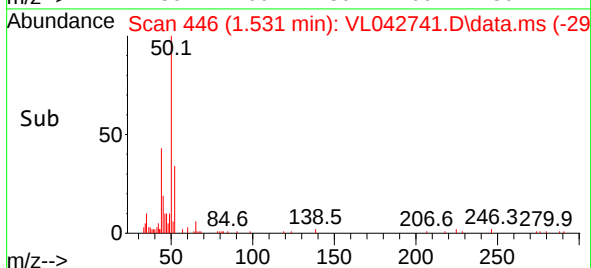
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025

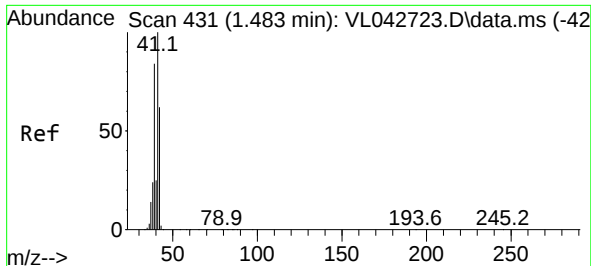


#4
Chloromethane
Concen: 0.629 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12



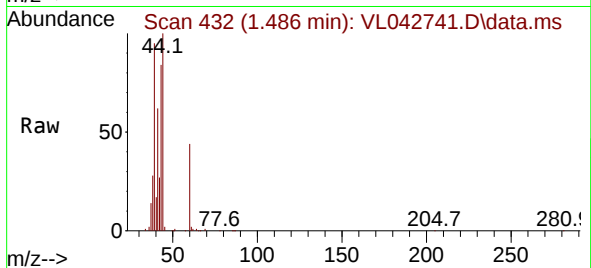
Tgt Ion: 50 Resp: 4476
Ion Ratio Lower Upper
50 100
52 34.5 24.9 37.3





#9
 Propene
 Concen: 1.862 ppbv m
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042741.D
 Acq: 22 Jul 2025 21:12

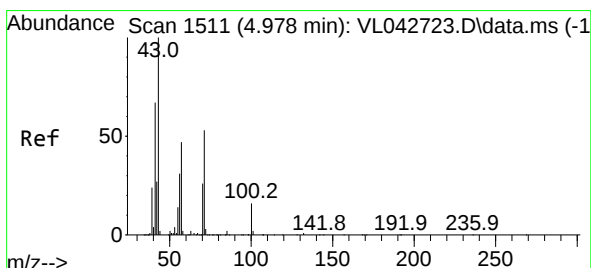
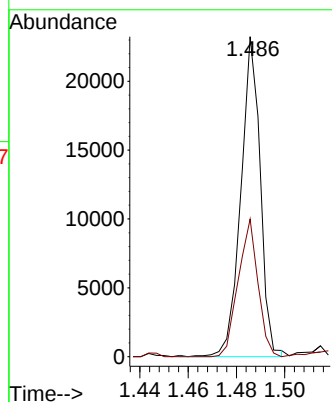
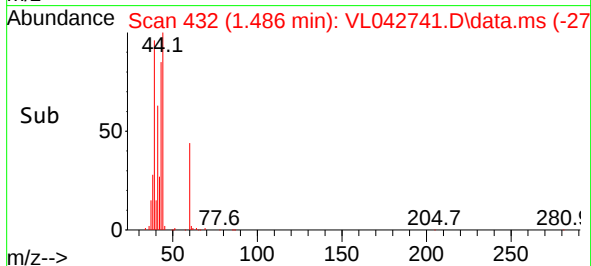
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP



Tgt Ion: 41 Resp: 12985
 Ion Ratio Lower Upper
 41 100
 42 99.8 52.0 78.0

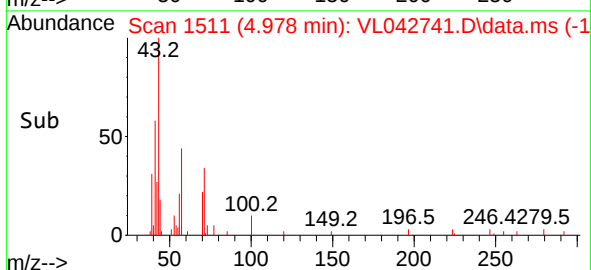
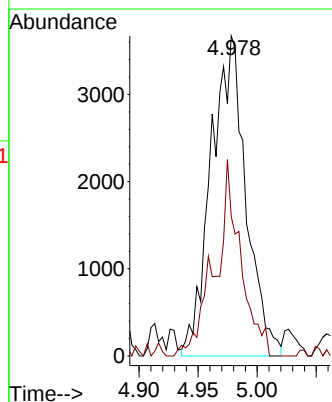
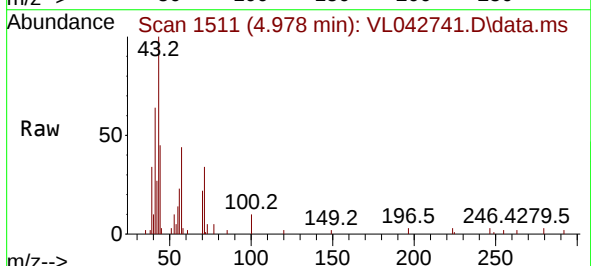
Manual Integrations
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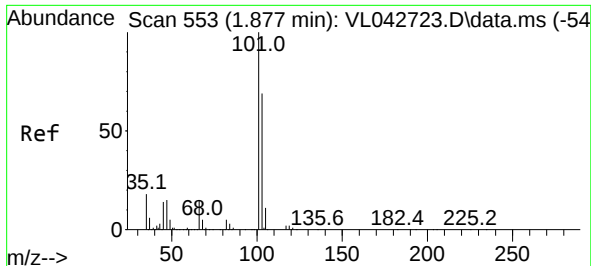
Reviewed By :Semsettin Yesilyurt 07/23/2025
 Supervised By :Mahesh Dadoda 07/23/2025



#10
 Heptane
 Concen: 0.389 ppbv m
 RT: 4.978 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VL042741.D
 Acq: 22 Jul 2025 21:12

Tgt Ion: 43 Resp: 7547
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.1 58.7





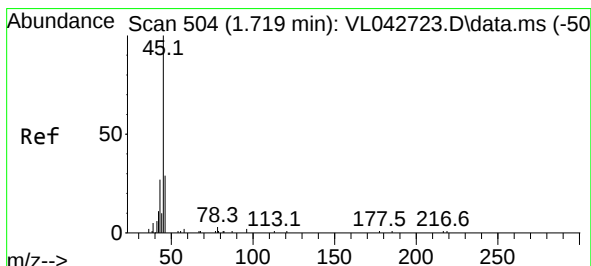
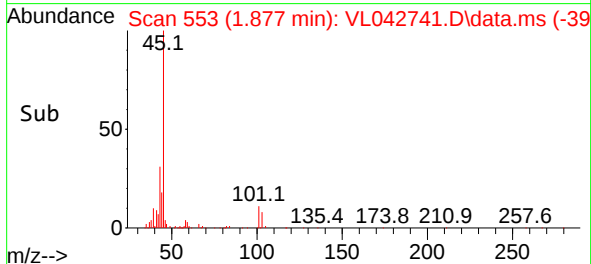
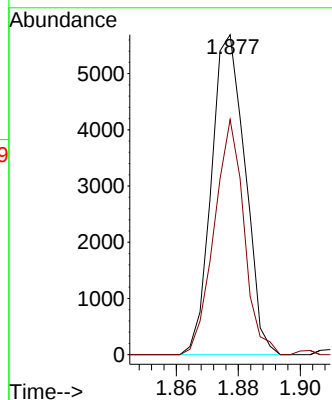
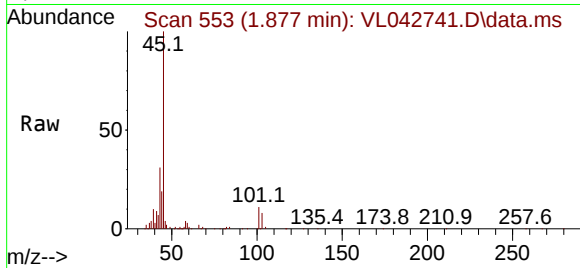
#11
Trichlorofluoromethane
Concen: 0.240 ppbv
RT: 1.877 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:101 Resp: 429
Ion Ratio Lower Upper
101 100
103 73.5 55.2 82.8

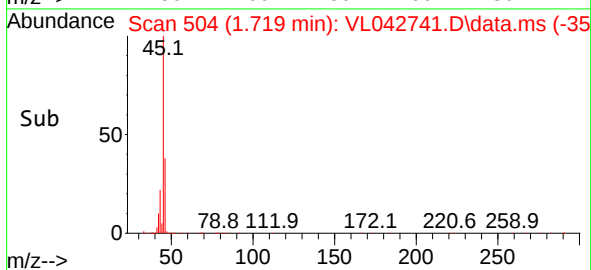
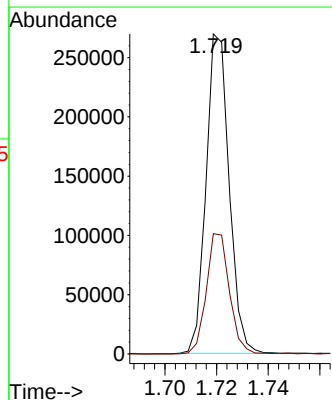
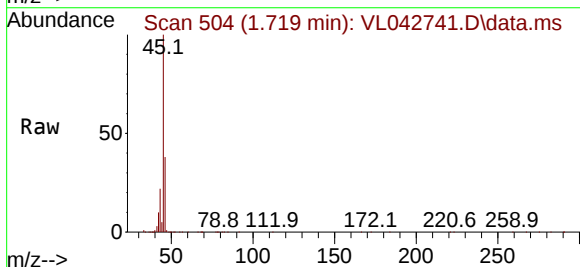
Manual Integrations
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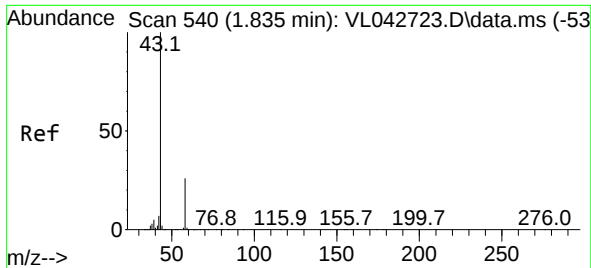
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#13
Ethanol
Concen: 142.377 ppbv
RT: 1.719 min Scan# 504
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion: 45 Resp: 167054
Ion Ratio Lower Upper
45 100
46 38.0 16.3 65.1





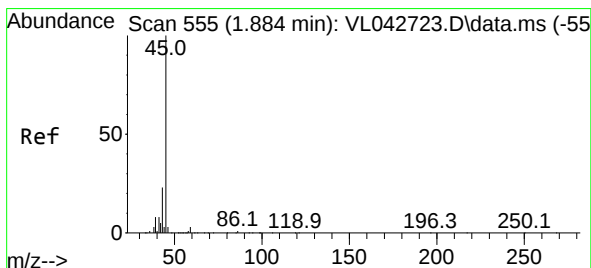
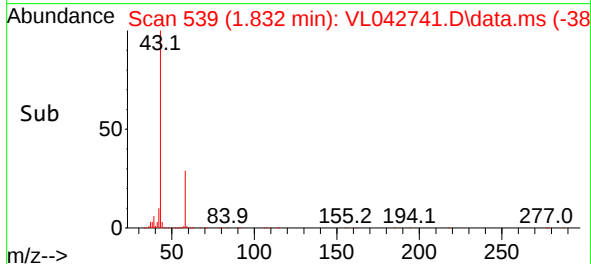
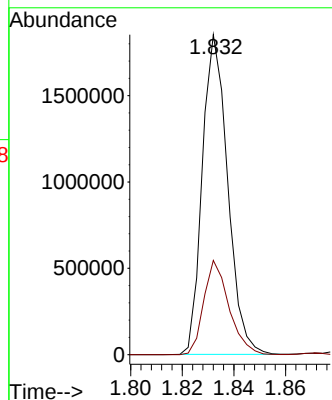
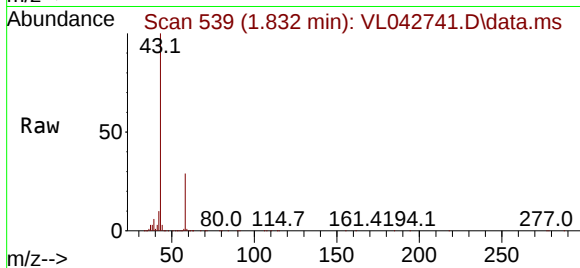
#15
Acetone
Concen: 67.914 ppbv
RT: 1.832 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 1266119
Ion Ratio Lower Upper
43 100
58 29.9 20.5 30.7

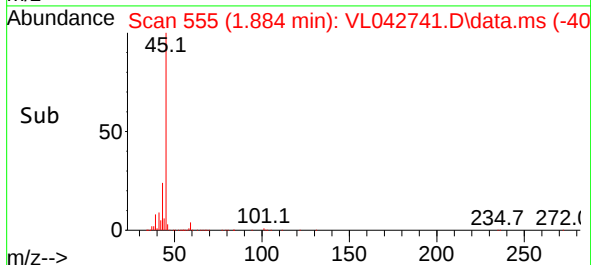
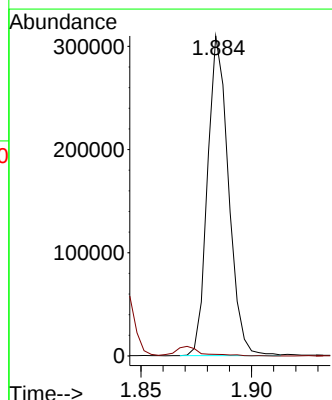
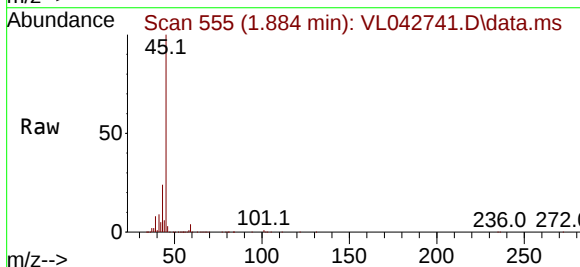
Manual Integrations
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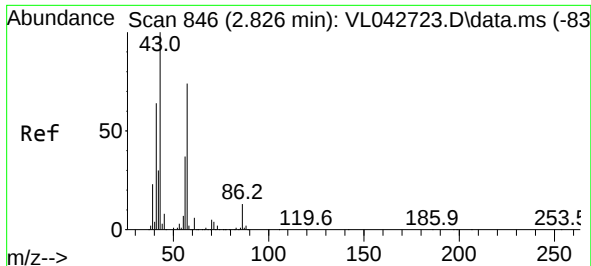
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#19
Isopropyl Alcohol
Concen: 20.607 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

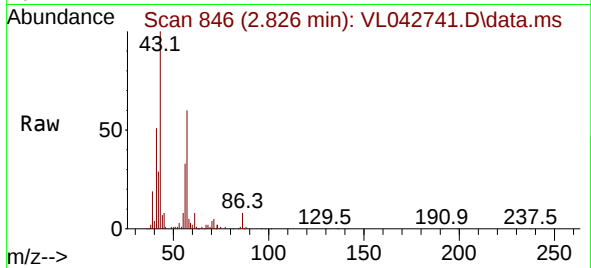
Tgt Ion: 45 Resp: 203603
Ion Ratio Lower Upper
45 100
58 185.9 30.6 46.0#





#26
Hexane
Concen: 1.315 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

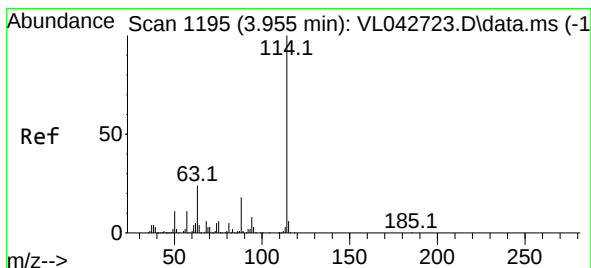
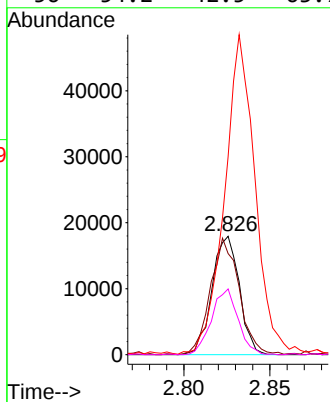
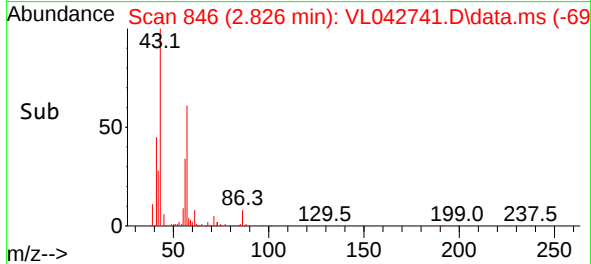
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57	Resp: 1984
Ion Ratio	Lower Upper
57	100
41	101.6 77.3 115.9
43	307.6 182.3 273.5
56	54.2 42.5 63.7

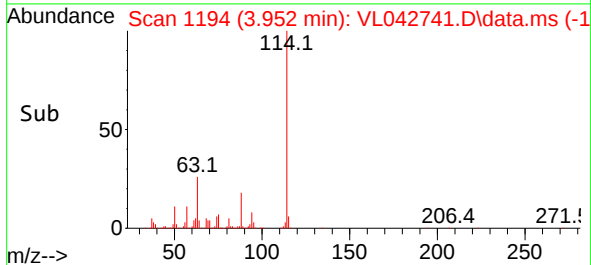
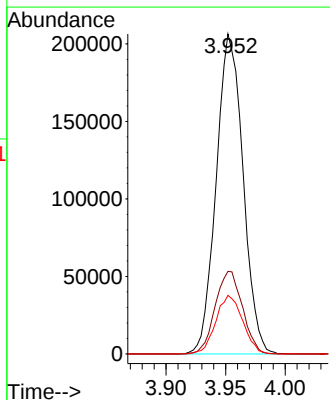
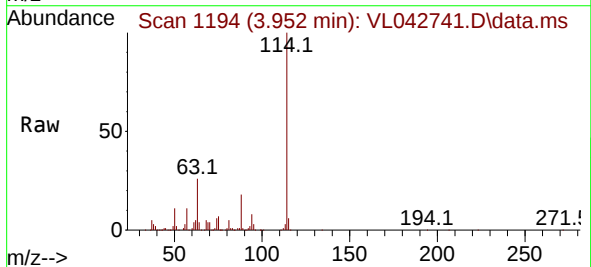
Manual Integrations
APPROVED

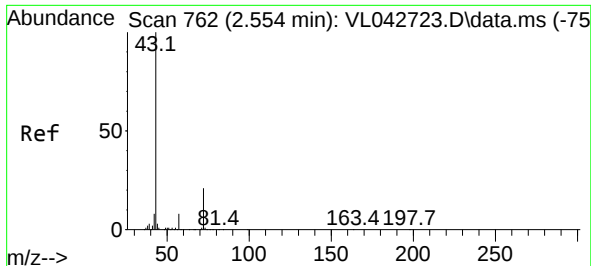
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

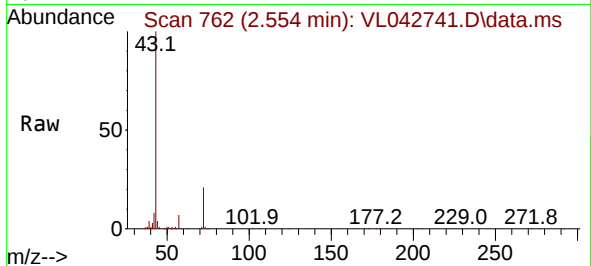
Tgt Ion: 114	Resp: 322913
Ion Ratio	Lower Upper
114	100
63	26.3 20.4 30.6
88	18.4 14.5 21.7





#34
2-Butanone
Concen: 5.161 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

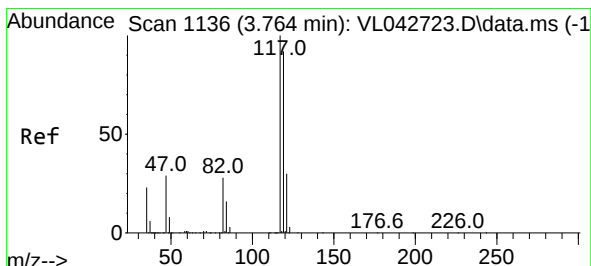
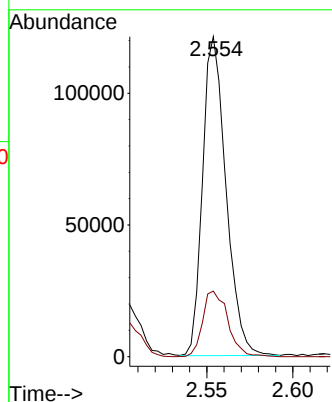
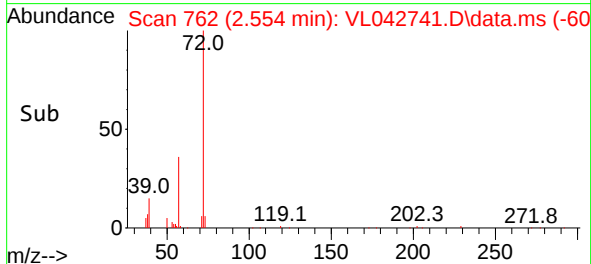
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 11475
Ion Ratio Lower Upper
43 100
72 22.2 17.0 25.6

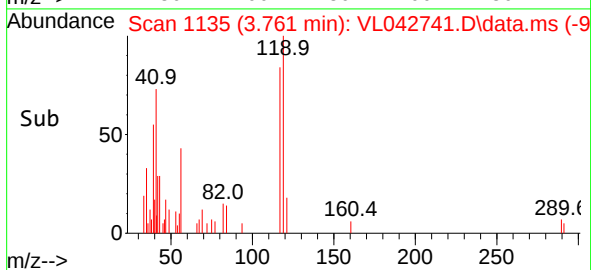
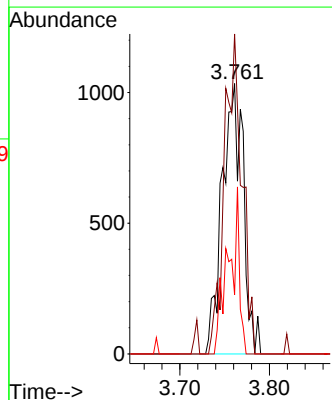
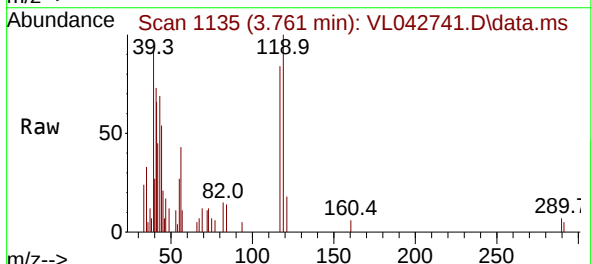
Manual Integrations
APPROVED

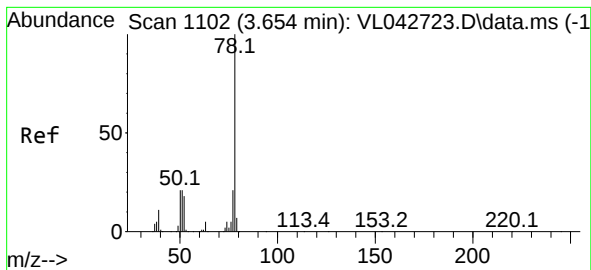
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#35
Carbon Tetrachloride
Concen: 0.064 ppbv m
RT: 3.761 min Scan# 1135
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:117 Resp: 1697
Ion Ratio Lower Upper
117 100
119 118.4 73.7 110.5#
121 21.9 23.8 35.8#





#36

Benzene

Concen: 0.216 ppbv

RT: 3.651 min Scan# 1101

Delta R.T. -0.003 min

Lab File: VL042741.D

Acq: 22 Jul 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

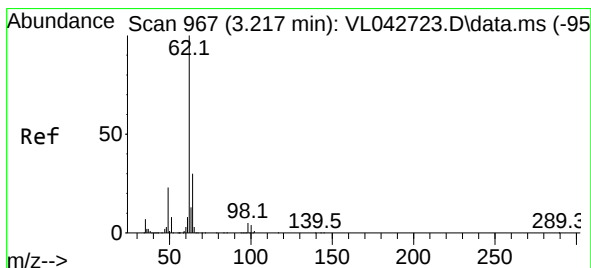
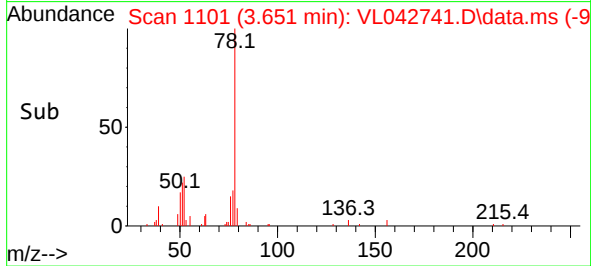
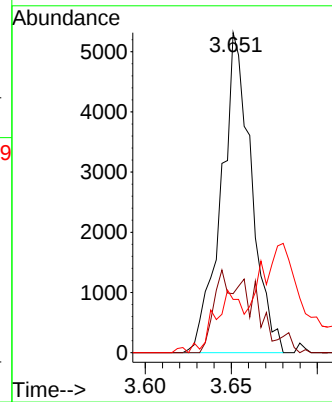
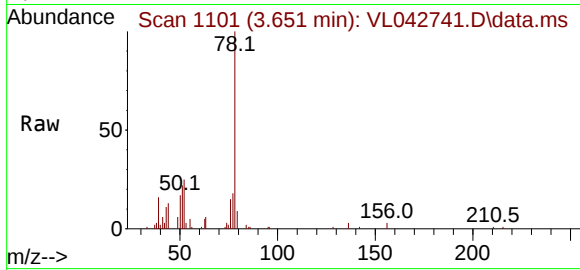
IA1DUP

Tgt Ion: 78	Resp: 648
Ion Ratio	Lower Upper
78 100	
77 18.5	17.0 25.4
50 15.0	16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#37

1,2-Dichloroethane

Concen: 1.847 ppbv

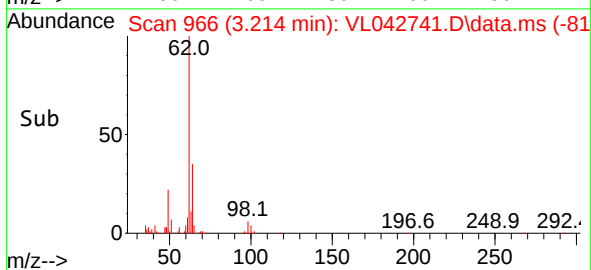
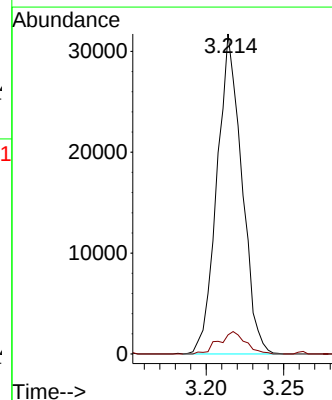
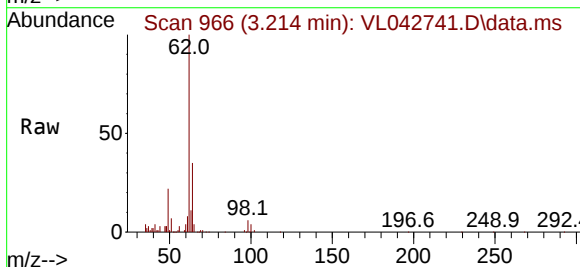
RT: 3.214 min Scan# 966

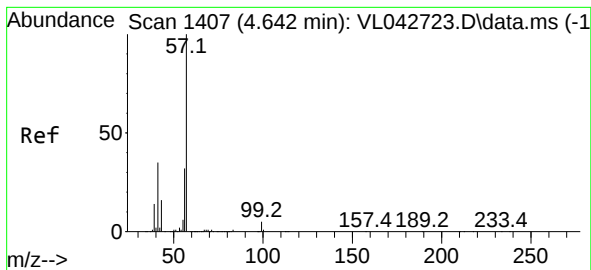
Delta R.T. -0.003 min

Lab File: VL042741.D

Acq: 22 Jul 2025 21:12

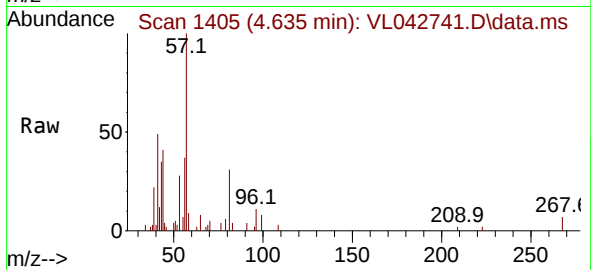
Tgt Ion: 62	Resp: 35349
Ion Ratio	Lower Upper
62 100	
98 7.5	4.8 7.2#





#44
2,2,4-Trimethylpentane
Concen: 0.173 ppbv m
RT: 4.635 min Scan# 1407
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

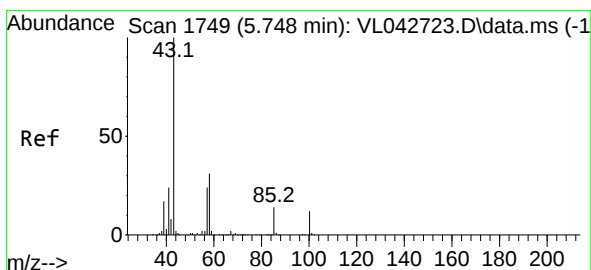
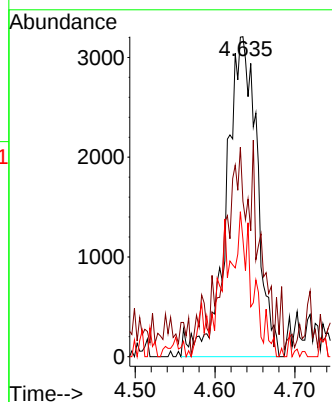
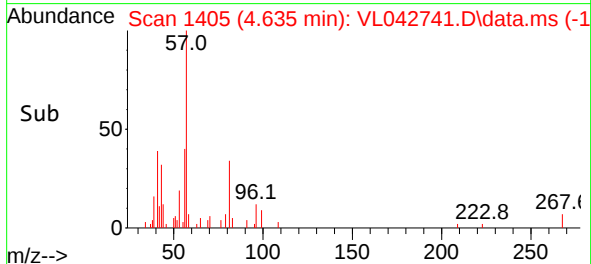
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 8528
Ion Ratio Lower Upper
57 100
41 0.0 29.4 44.0
56 44.7 26.1 39.1

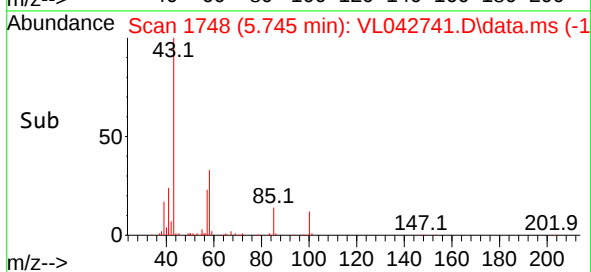
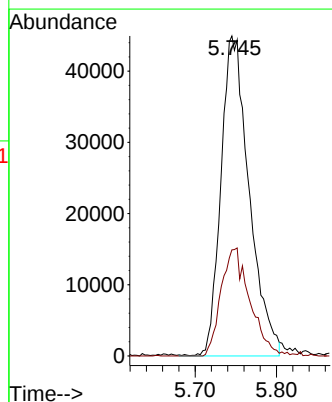
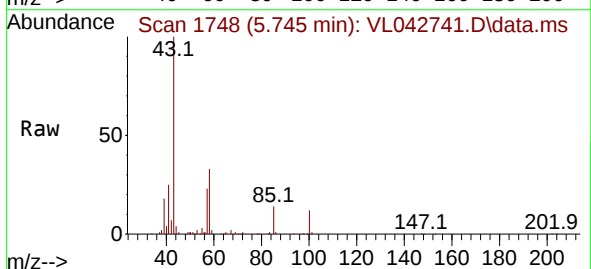
Manual Integrations
APPROVED

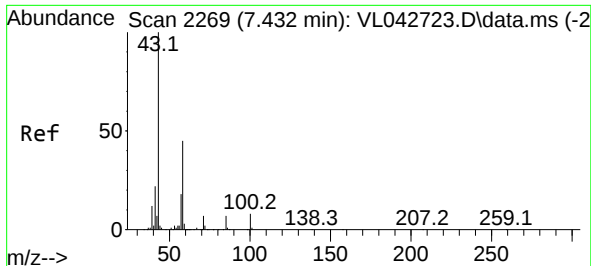
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#50
4-Methyl-2-Pentanone
Concen: 3.716 ppbv m
RT: 5.745 min Scan# 1748
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

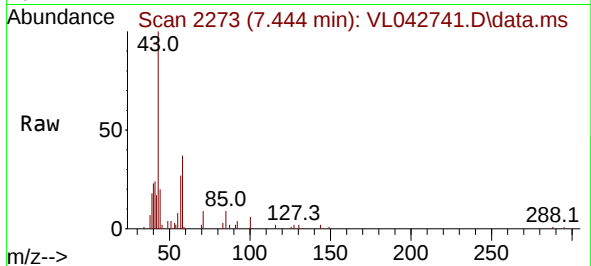
Tgt Ion: 43 Resp: 108290
Ion Ratio Lower Upper
43 100
58 0.0 27.6 41.4





#51
2-Hexanone
Concen: 0.390 ppbv m
RT: 7.444 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

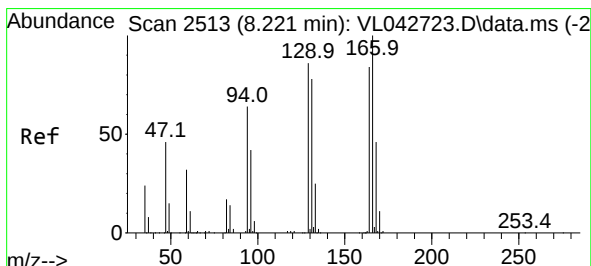
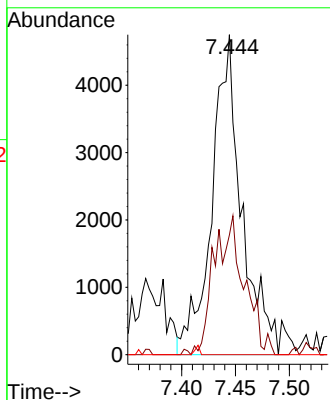
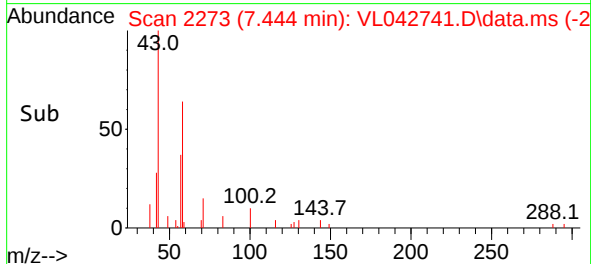
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 43 Resp: 9070
Ion Ratio Lower Upper
43 100
58 44.6 37.9 56.9
98 3.0 0.2 0.2

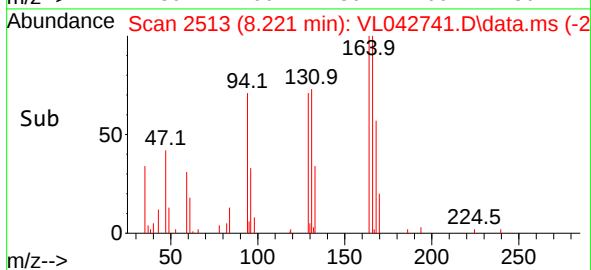
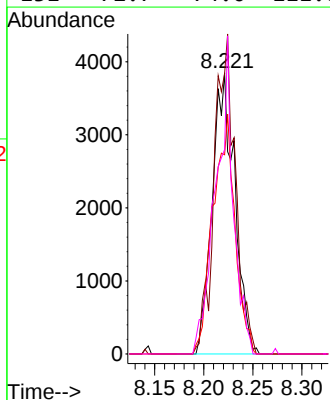
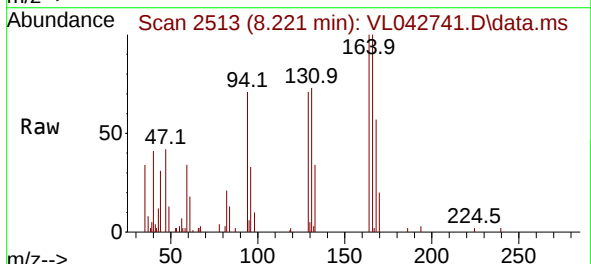
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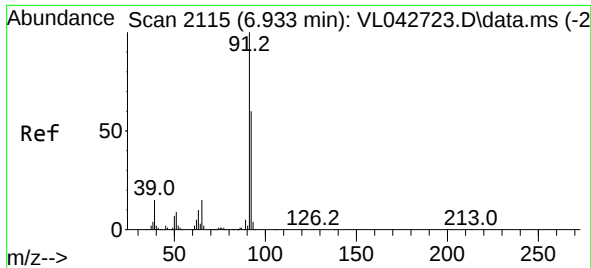
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#52
Tetrachloroethene
Concen: 0.505 ppbv m
RT: 8.221 min Scan# 2513
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:164 Resp: 6100
Ion Ratio Lower Upper
164 100
166 99.8 95.1 142.7
129 70.9 81.9 122.9#
131 72.7 74.0 111.0#





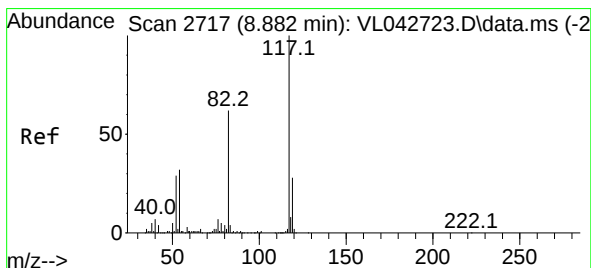
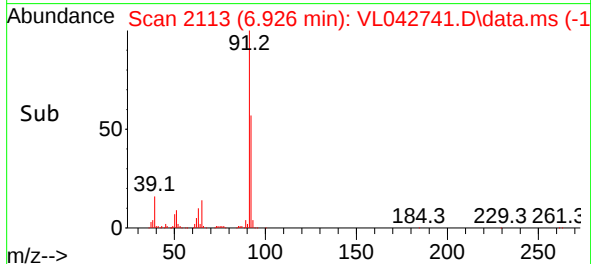
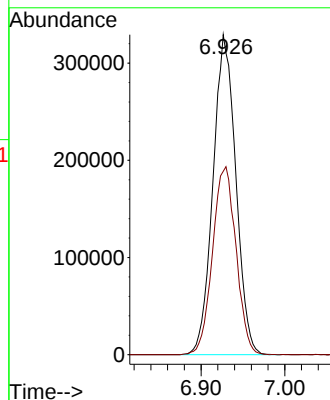
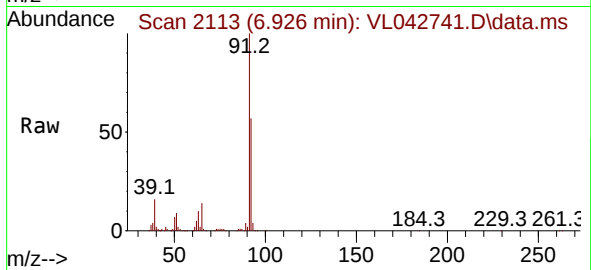
#53
Toluene
Concen: 18.420 ppbv
RT: 6.926 min Scan# 2113
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp: 623030
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.4

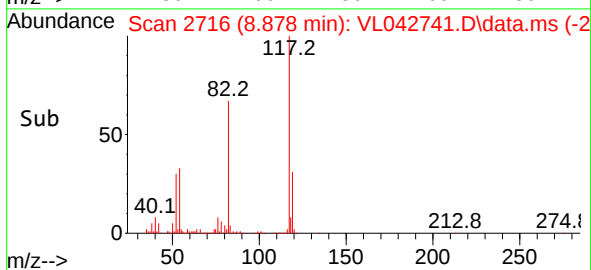
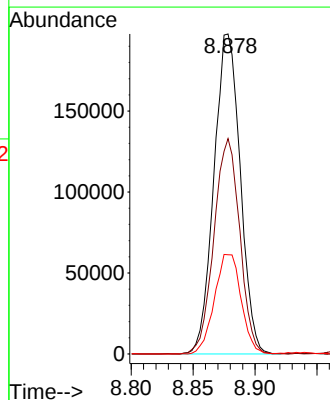
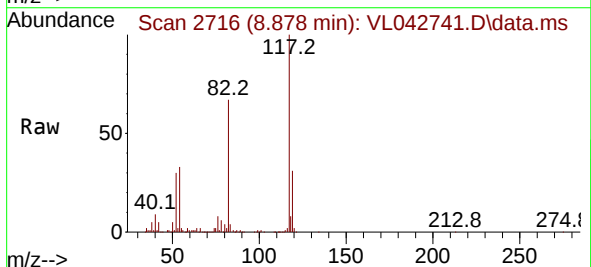
Manual Integrations
APPROVED

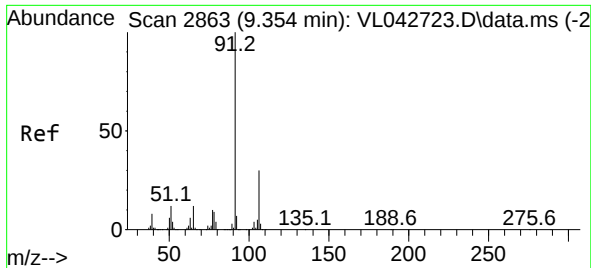
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2716
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:117 Resp: 292536
Ion Ratio Lower Upper
117 100
82 65.9 54.6 81.8
119 31.6 25.3 37.9





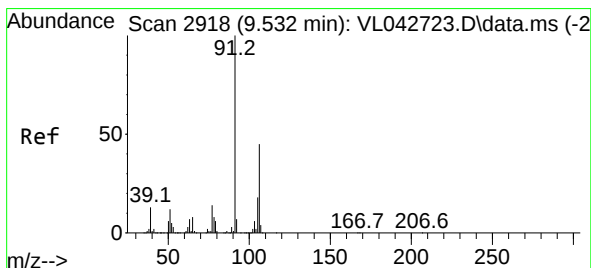
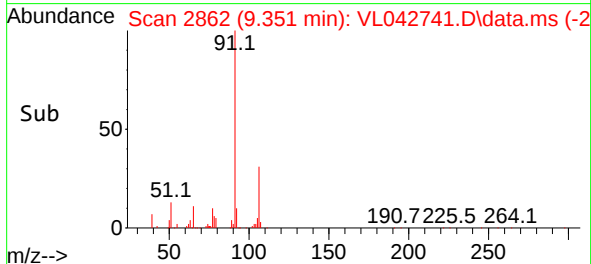
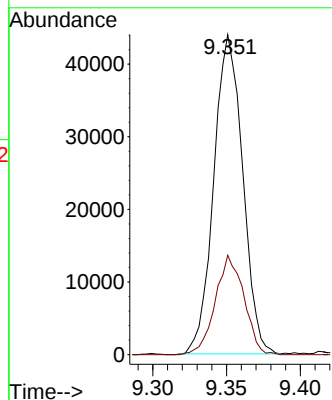
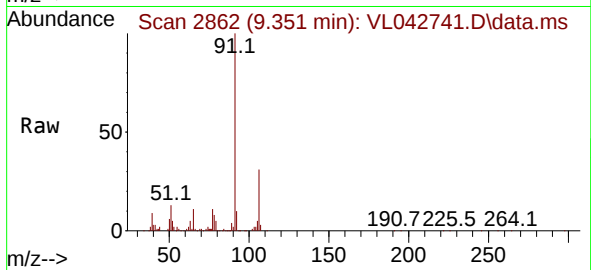
#58
Ethyl Benzene
Concen: 1.226 ppbv
RT: 9.351 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp: 59900
Ion Ratio Lower Upper
91 100
106 31.1 23.7 35.5

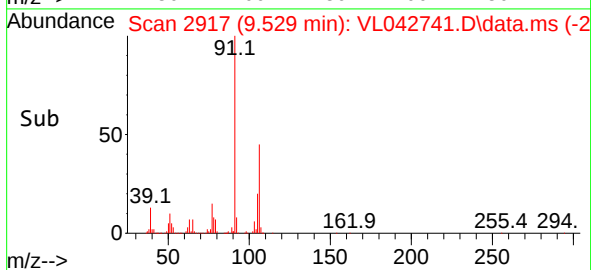
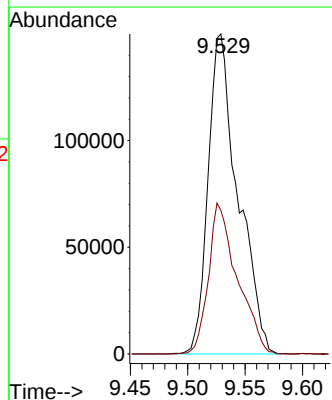
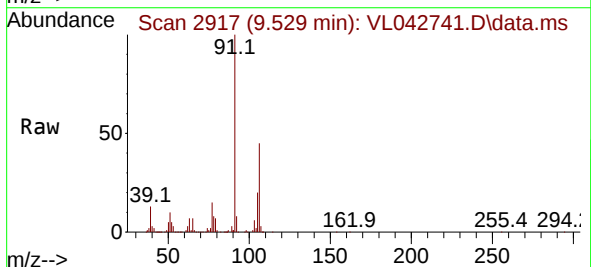
Manual Integrations
APPROVED

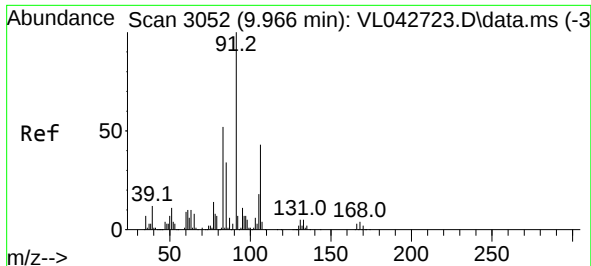
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#59
m/p-Xylene
Concen: 6.947 ppbv
RT: 9.529 min Scan# 2917
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

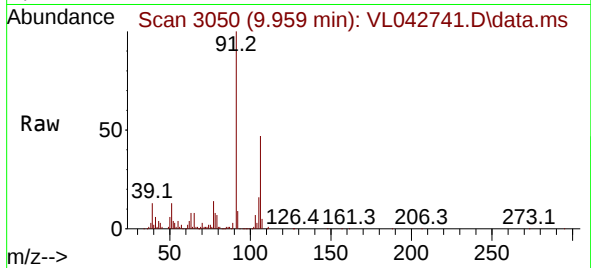
Tgt Ion: 91 Resp: 271574
Ion Ratio Lower Upper
91 100
106 45.5 37.3 55.9





#60
o-Xylene
Concen: 3.902 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.007 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

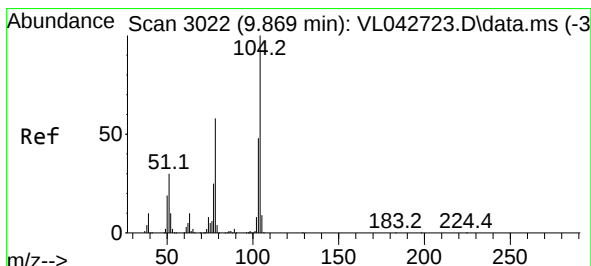
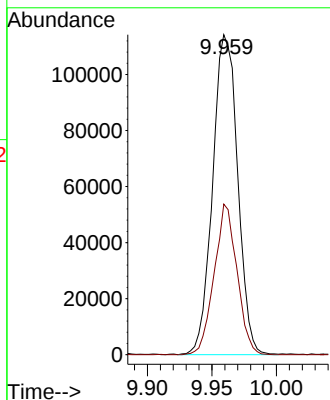
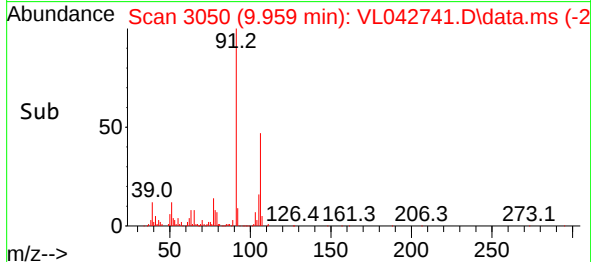
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 91 Resp: 154009
Ion Ratio Lower Upper
91 100
106 42.9 21.4 64.3

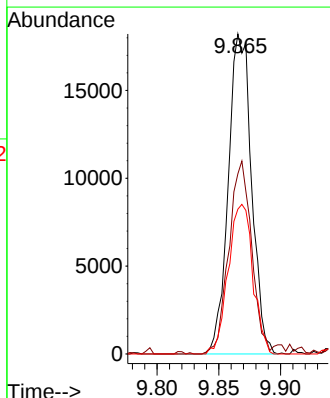
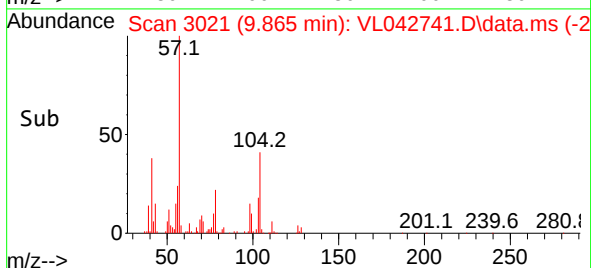
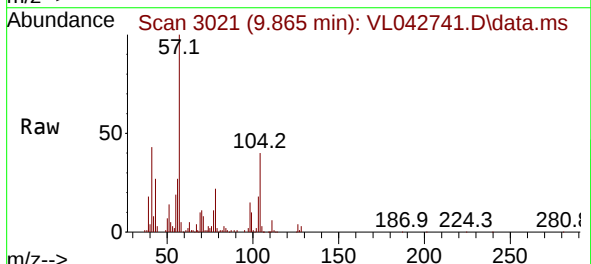
Manual Integrations
APPROVED

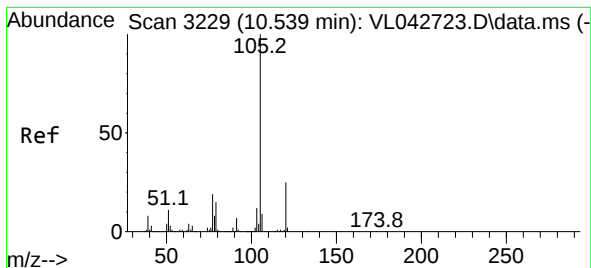
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#61
Styrene
Concen: 1.409 ppbv m
RT: 9.865 min Scan# 3021
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:104 Resp: 23960
Ion Ratio Lower Upper
104 100
78 0.0 43.4 65.2#
103 0.0 37.8 56.6#





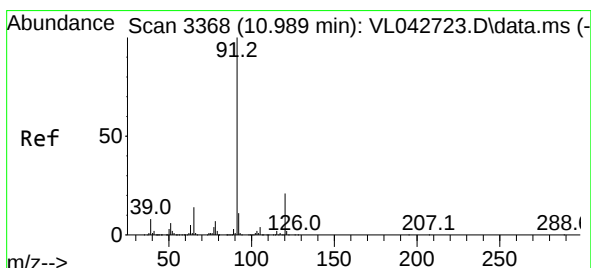
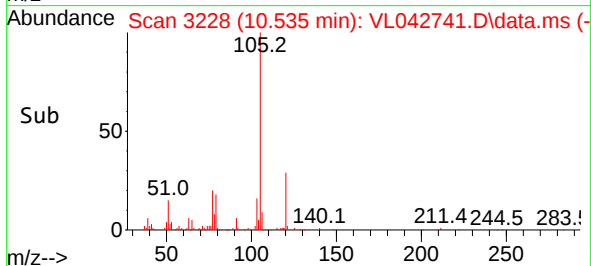
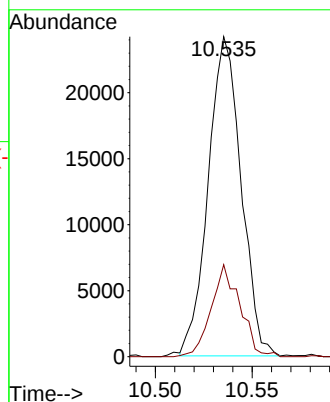
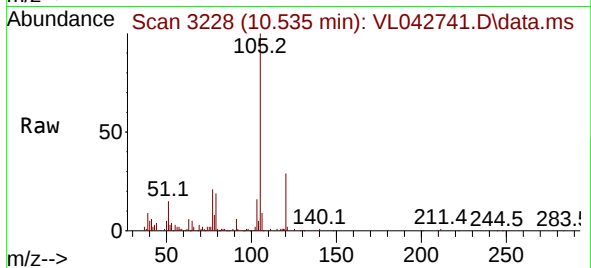
#62
Isopropylbenzene
Concen: 0.486 ppbv
RT: 10.535 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:105 Resp: 28520
Ion Ratio Lower Upper
105 100
120 25.3 20.2 30.2

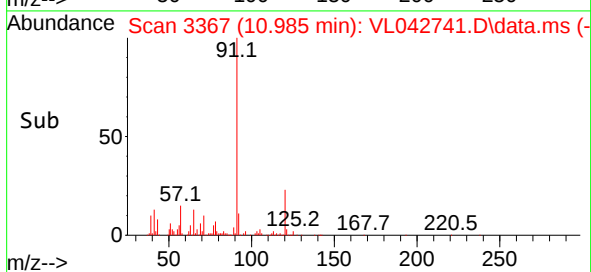
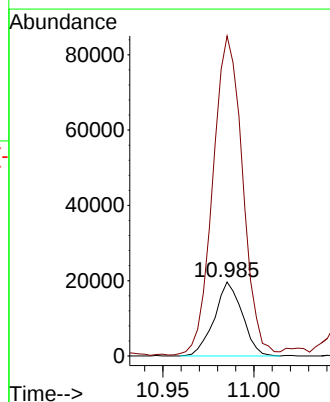
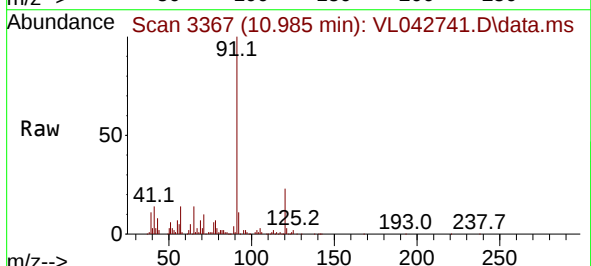
Manual Integrations
APPROVED

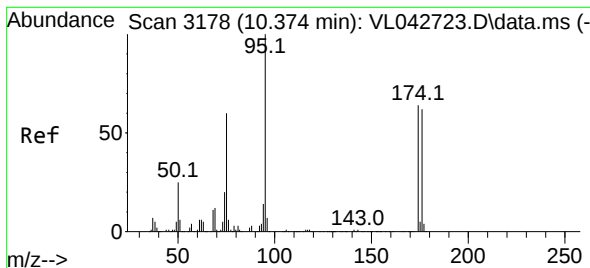
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#64
n-propylbenzene
Concen: 1.413 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

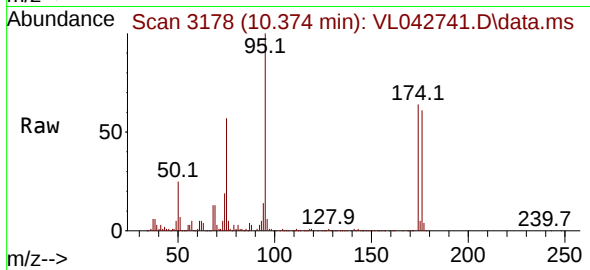
Tgt Ion:120 Resp: 20910
Ion Ratio Lower Upper
120 100
91 461.6 377.4 566.0





#68
1-Bromo-4-Fluorobenzene
Concen: 10.298 ppbv
RT: 10.374 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

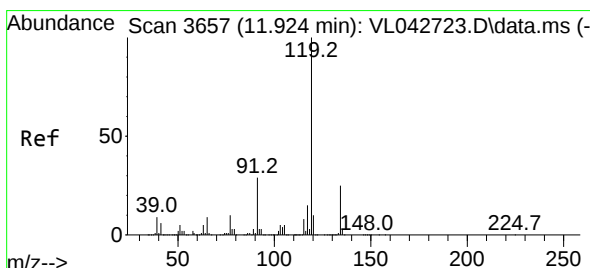
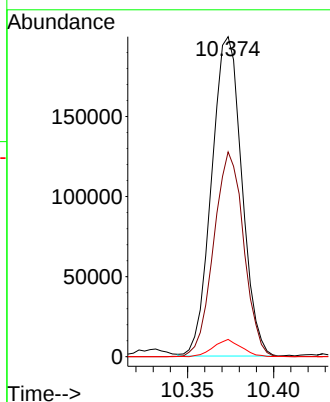
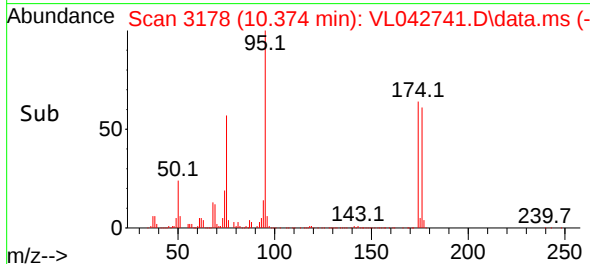
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 95 Resp: 24348
Ion Ratio Lower Upper
95 100
174 63.8 51.4 77.2
175 5.0 4.2 6.4

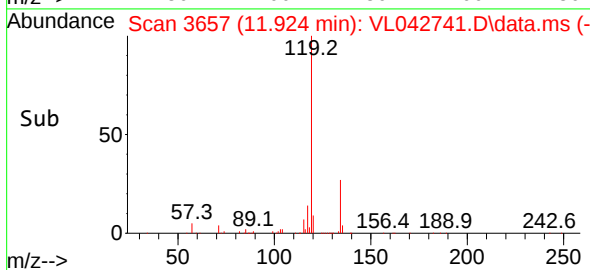
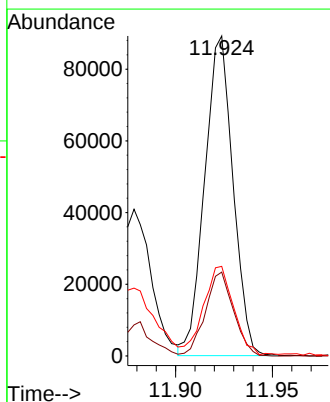
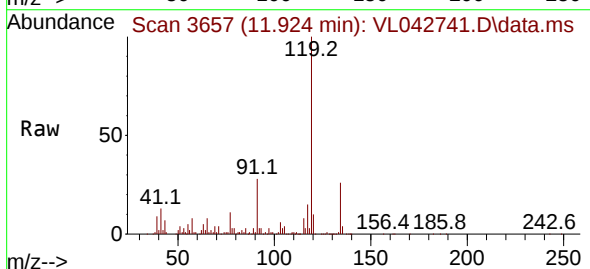
Manual Integrations
APPROVED

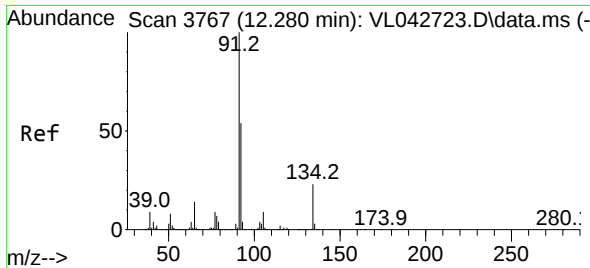
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#69
p-Isopropyltoluene
Concen: 1.502 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

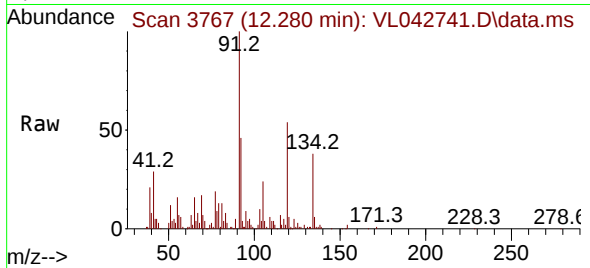
Tgt Ion:119 Resp: 90731
Ion Ratio Lower Upper
119 100
134 25.9 19.8 29.6
91 30.2 23.9 35.9





#70
n-Butylbenzene
Concen: 0.390 ppbv m
RT: 12.280 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

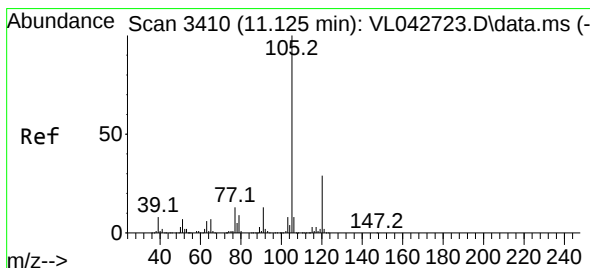
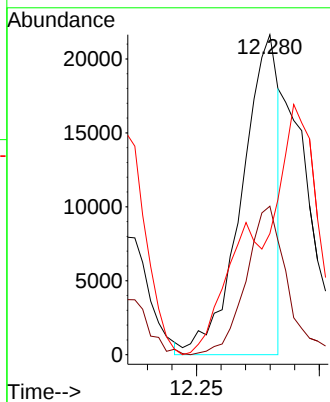
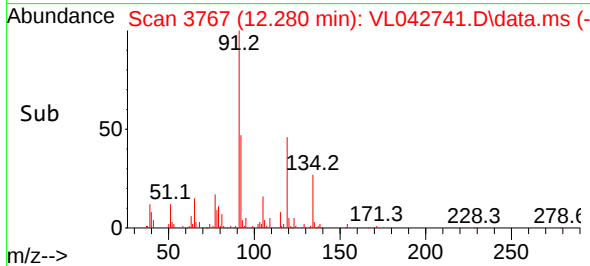
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 91 Resp: 2251
Ion Ratio Lower Upper
91 100
92 51.4 43.2 64.8
134 125.3 19.0 28.6

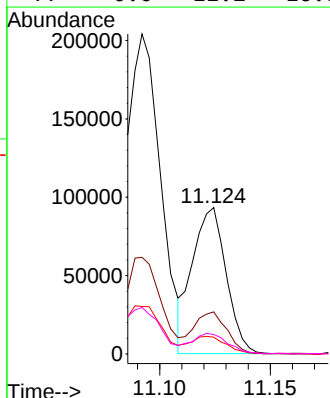
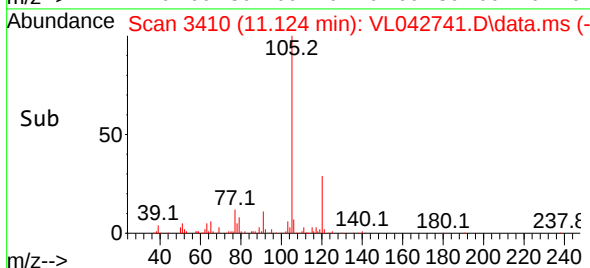
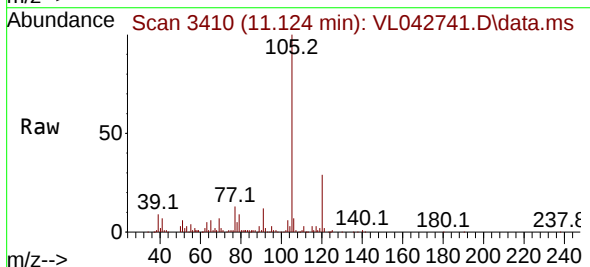
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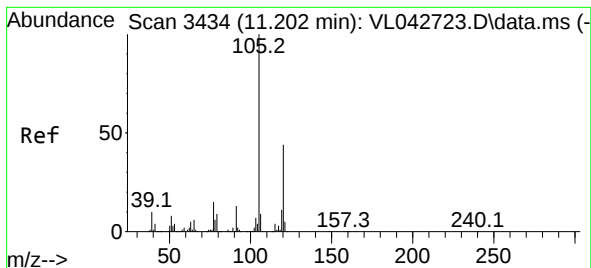
Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#72
4-Ethyltoluene
Concen: 2.105 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

Tgt Ion:105 Resp: 99089
Ion Ratio Lower Upper
105 100
120 0.0 23.4 35.0#
91 0.0 10.6 15.8#
77 0.0 11.2 16.8#





#73

1,3,5-Trimethylbenzene

Concen: 4.068 ppbv

RT: 11.199 min Scan# 3433

Delta R.T. -0.003 min

Lab File: VL042741.D

Acq: 22 Jul 2025 21:12

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:105 Resp: 158369

Ion Ratio Lower Upper

105 100

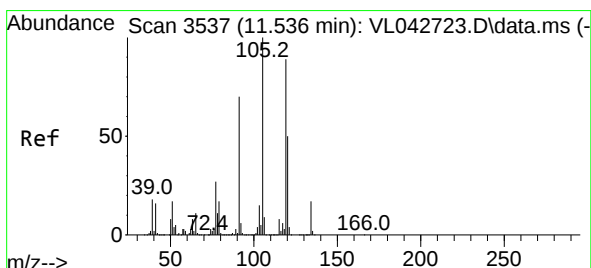
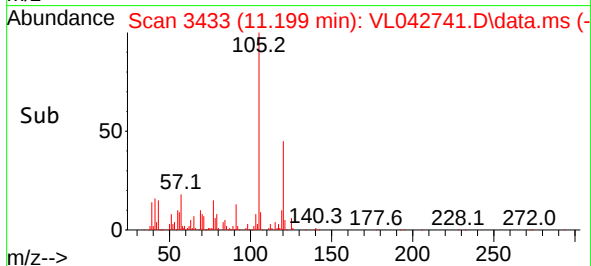
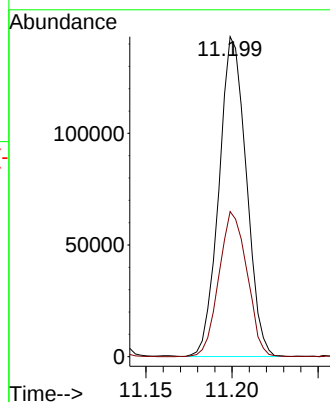
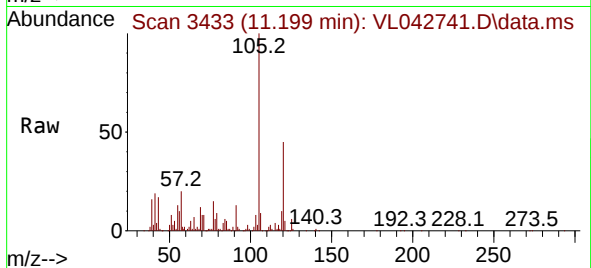
120 45.3 35.2 52.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/23/2025

Supervised By :Mahesh Dadoda 07/23/2025



#74

1,2,4-Trimethylbenzene

Concen: 9.639 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042741.D

Acq: 22 Jul 2025 21:12

Tgt Ion:105 Resp: 411701

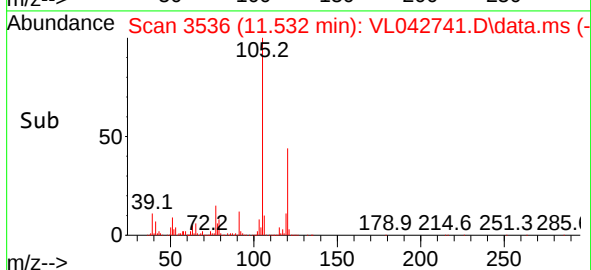
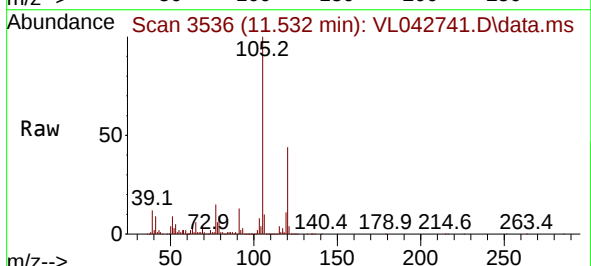
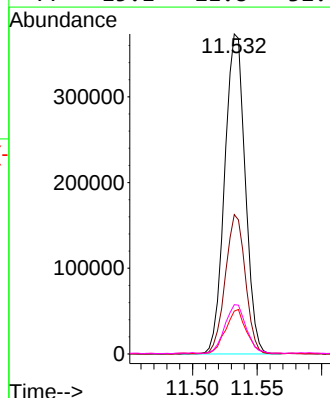
Ion Ratio Lower Upper

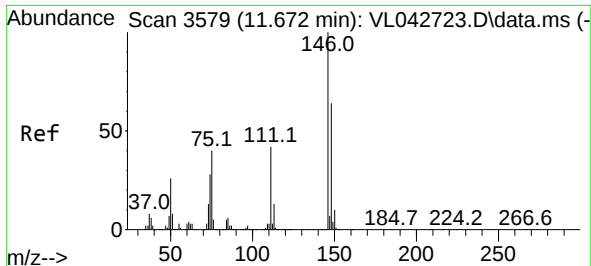
105 100

120 43.5 39.9 59.9

91 13.2 56.5 84.7#

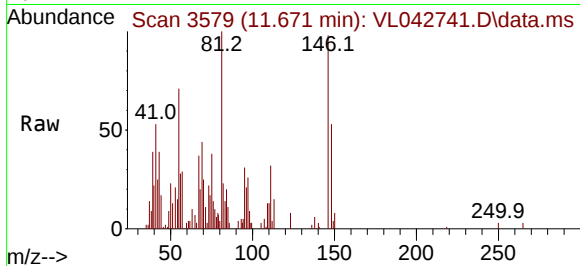
77 15.1 21.8 32.6#





#76
1,4-Dichlorobenzene
Concen: 0.156 ppbv
RT: 11.671 min Scan# 3579
Delta R.T. -0.000 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12

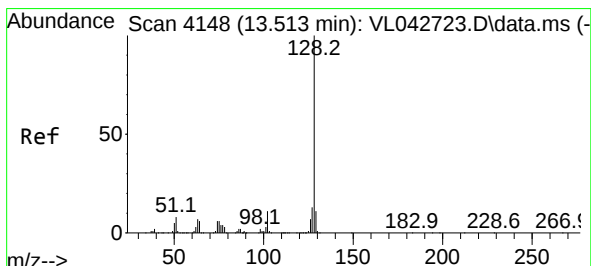
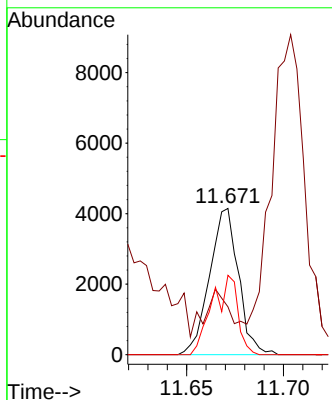
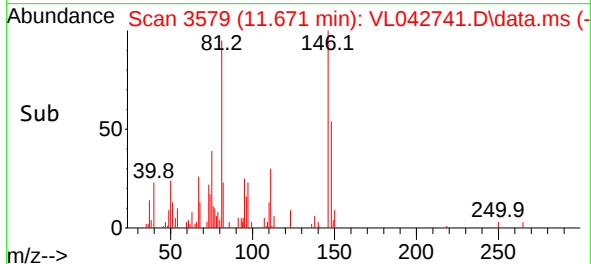
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



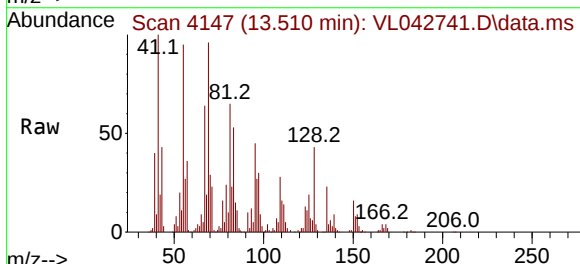
Tgt Ion:146 Resp: 4302
Ion Ratio Lower Upper
146 100
111 276.5 22.1 66.1
148 48.2 32.1 96.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/23/2025
Supervised By :Mahesh Dadoda 07/23/2025



#79
Naphthalene
Concen: 0.738 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.003 min
Lab File: VL042741.D
Acq: 22 Jul 2025 21:12



Tgt Ion:128 Resp: 23579
Ion Ratio Lower Upper
128 100
127 8.7 10.3 15.5
129 9.2 8.6 13.0

