

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
 Data File : VL042873.D
 Acq On : 21 Aug 2025 19:39
 Operator : SY/MD
 Sample : Q2898-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 22 01:27:23 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 22 01:27:23 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	2.794	49	129333	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	377000	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	320502	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	252039	10.486	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.900%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8428	0.445	ppbv	100
9) Propene	1.489	41	157640m	17.422	ppbv	
10) Heptane	4.995	43	13174m	0.544	ppbv	
11) Trichlorofluoromethane	1.884	101	3813	0.204	ppbv	93
13) Ethanol	1.729	45	1188828	1436.944	ppbv	94
15) Acetone	1.839	43	320481	18.732	ppbv	93
19) Isopropyl Alcohol	1.891	45	181846	17.796	ppbv	97
20) Methylene Chloride	2.065	84	26414	3.686	ppbv	91
25) Ethyl Acetate	2.842	43	111988m	2.705	ppbv	
26) Hexane	2.832	57	54172	2.834	ppbv	96
29) Chloroform	2.858	83	9576	0.351	ppbv	95
30) Cyclohexane	3.875	84	6196m	0.370	ppbv	
34) 2-Butanone	2.564	43	98896	3.885	ppbv	99
35) Carbon Tetrachloride	3.771	117	2435m	0.094	ppbv	
36) Benzene	3.664	78	14101m	0.391	ppbv	
38) Trichloroethene	4.567	130	1048m	0.064	ppbv	
41) Tetrahydrofuran	3.072	42	8122	0.572	ppbv #	85
44) 2,2,4-Trimethylpentane	4.651	57	19482m	0.318	ppbv	
50) 4-Methyl-2-Pentanone	5.787	43	7271m	0.211	ppbv	
52) Tetrachloroethene	8.234	164	1352m	0.104	ppbv	
53) Toluene	6.946	91	61840	1.441	ppbv	99
58) Ethyl Benzene	9.367	91	15105	0.267	ppbv #	87
59) m/p-Xylene	9.539	91	37130	0.838	ppbv #	100
60) o-Xylene	9.976	91	19003	0.426	ppbv	98
61) Styrene	9.879	104	59133	2.830	ppbv	98
64) n-propylbenzene	10.995	120	12540	0.754	ppbv	95
69) p-Isopropyltoluene	11.934	119	40946	0.591	ppbv	96
72) 4-Ethyltoluene	11.131	105	84384	1.561	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.212	105	65235	1.419	ppbv	94
74) 1,2,4-Trimethylbenzene	11.542	105	243738	4.830	ppbv #	60
79) Naphthalene	13.520	128	8314	0.182	ppbv #	92

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

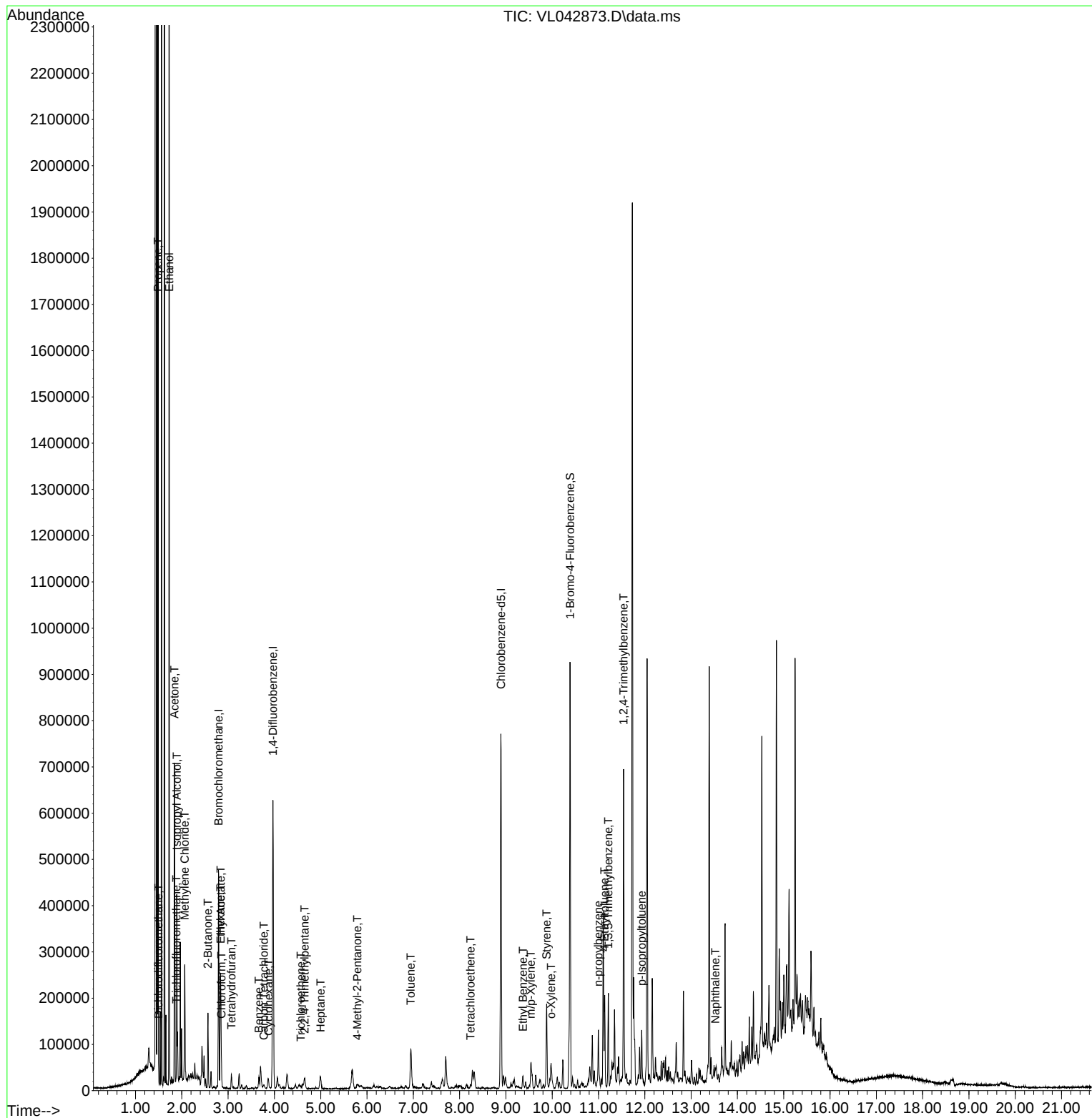
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082125\
Data File : VL042873.D
Acq On : 21 Aug 2025 19:39
Operator : SY/MD
Sample : Q2898-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

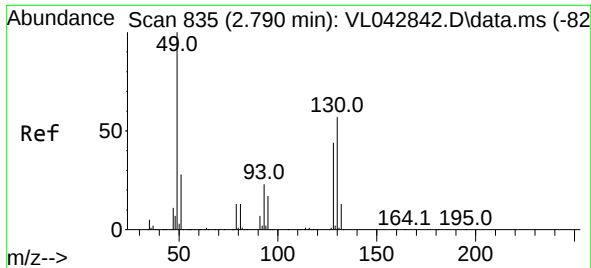
Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

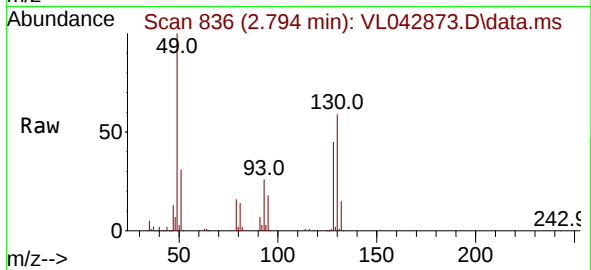
Quant Time: Aug 22 01:27:23 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 835
Delta R.T. 0.004 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

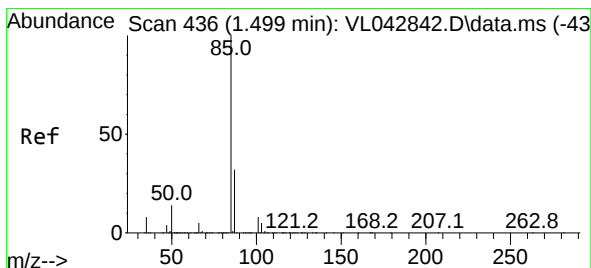
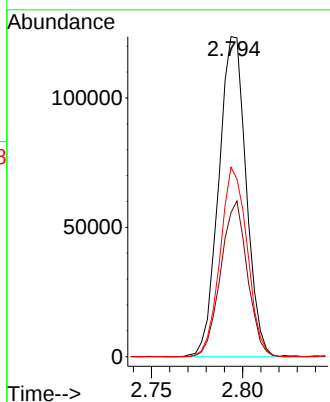
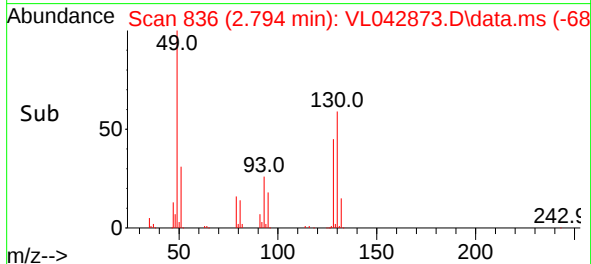
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 12933
Ion Ratio Lower Upper
49 100
128 47.2 23.7 71.1
130 58.4 30.6 91.6

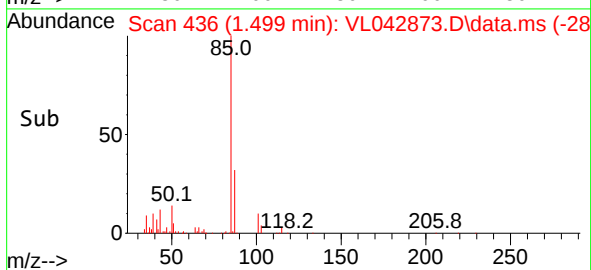
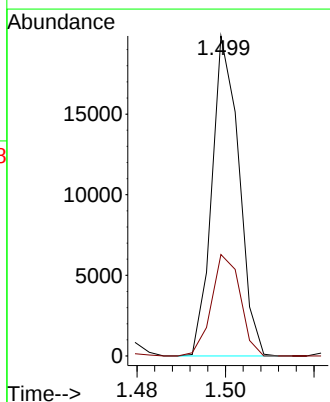
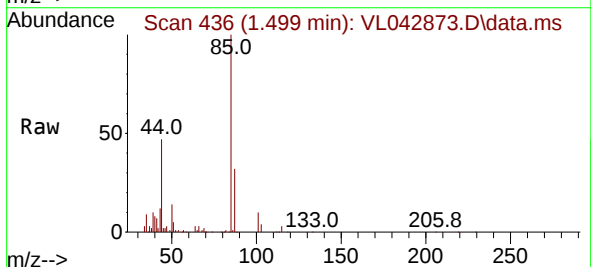
Manual Integrations
APPROVED

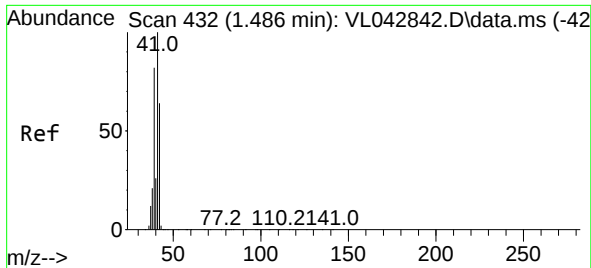
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 0.445 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

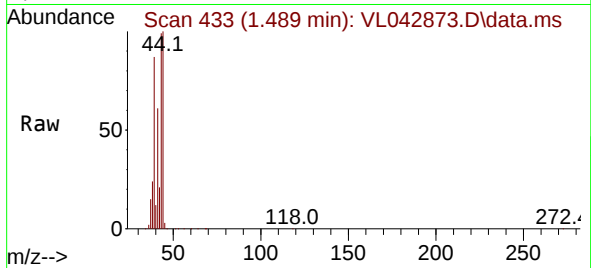
Tgt Ion: 85 Resp: 8428
Ion Ratio Lower Upper
85 100
87 31.7 25.3 37.9





#9
 Propene
 Concen: 17.422 ppbv m
 RT: 1.489 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042873.D
 Acq: 21 Aug 2025 19:39

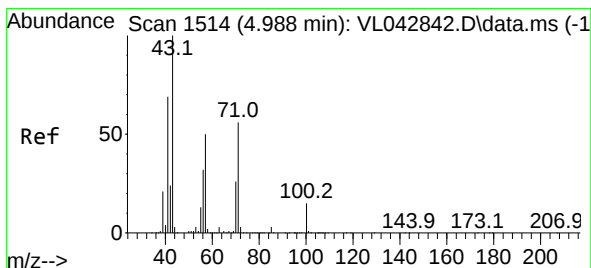
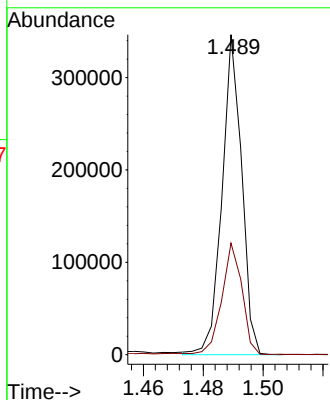
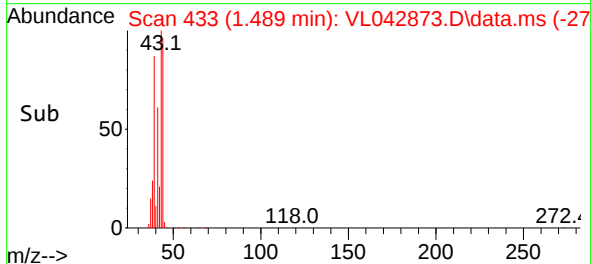
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



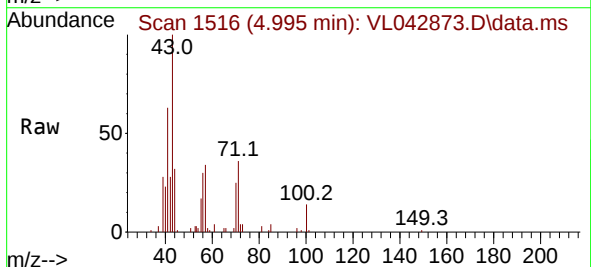
Tgt Ion: 41 Resp: 157640
 Ion Ratio Lower Upper
 41 100
 42 215.0 53.0 79.4

Manual Integrations
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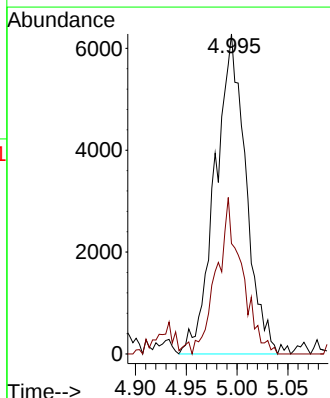
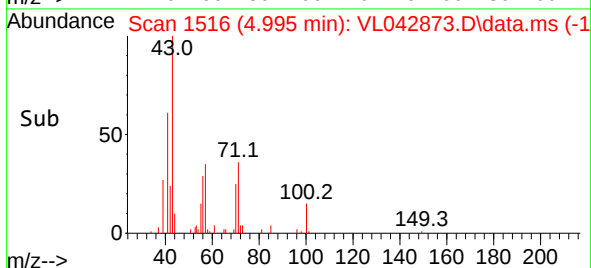
Reviewed By :Mahesh Dadoda 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

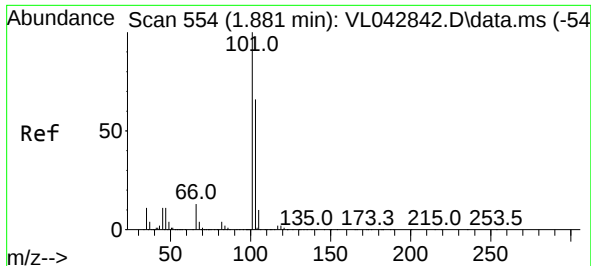


#10
 Heptane
 Concen: 0.544 ppbv m
 RT: 4.995 min Scan# 1516
 Delta R.T. 0.007 min
 Lab File: VL042873.D
 Acq: 21 Aug 2025 19:39



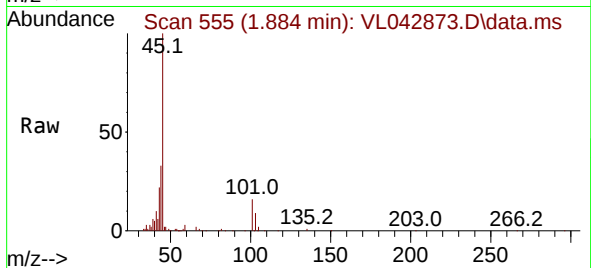
Tgt Ion: 43 Resp: 13174
 Ion Ratio Lower Upper
 43 100
 57 40.5 41.4 62.0





#11
Trichlorofluoromethane
Concen: 0.204 ppbv
RT: 1.884 min Scan# 507
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

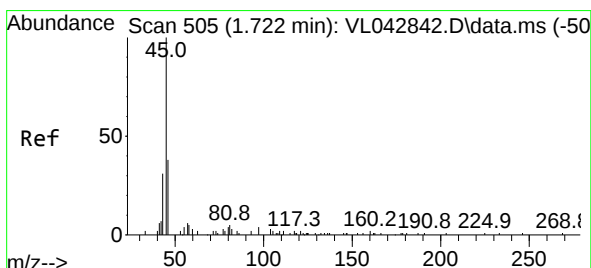
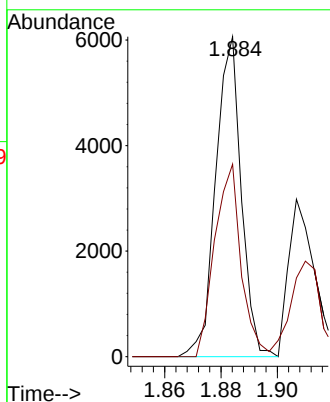
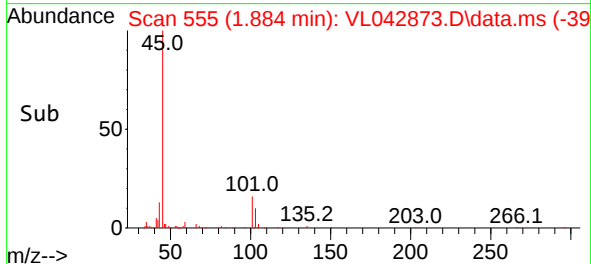
Instrument :
MSVOA_L
ClientSampleId :
IA1



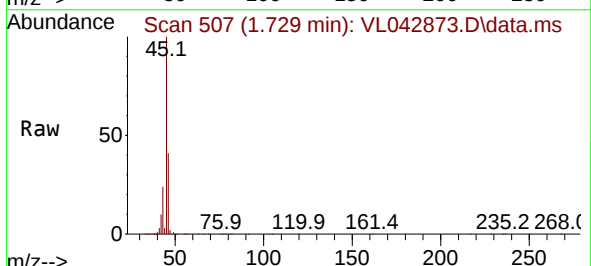
Tgt Ion:101 Resp: 381
Ion Ratio Lower Upper
101 100
103 60.1 52.5 78.7

Manual Integrations
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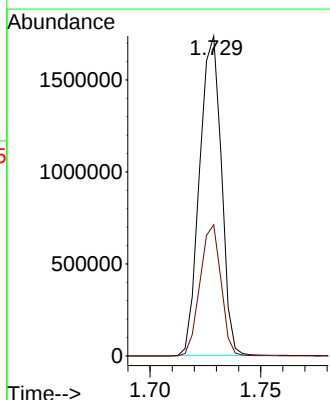
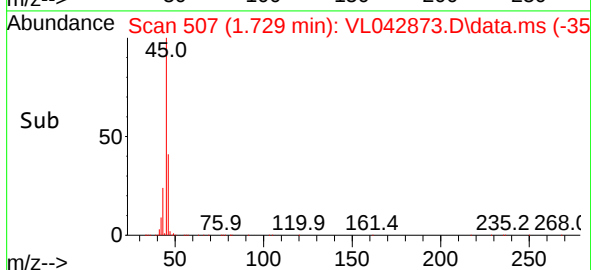
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

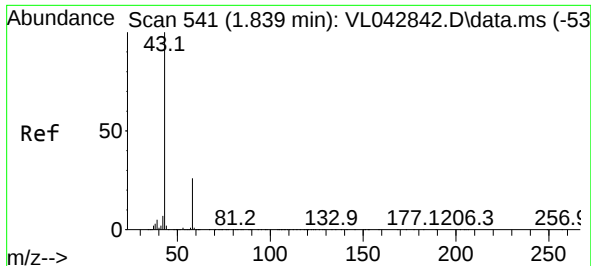


#13
Ethanol
Concen: 1436.944 ppbv
RT: 1.729 min Scan# 507
Delta R.T. 0.007 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39



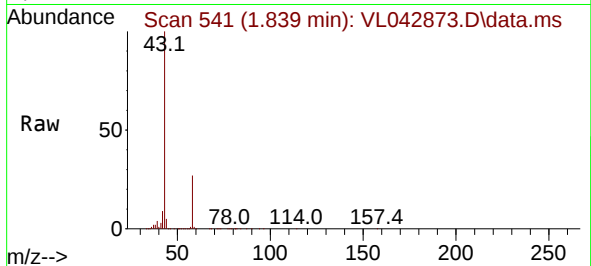
Tgt Ion: 45 Resp: 1188828
Ion Ratio Lower Upper
45 100
46 39.8 17.5 69.9





#15
Acetone
Concen: 18.732 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

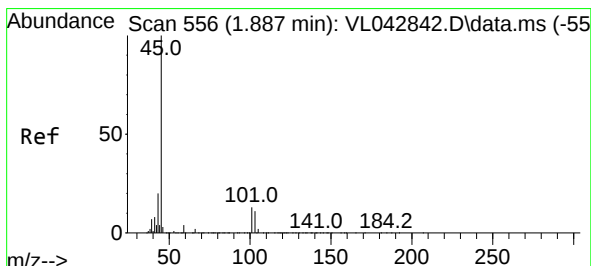
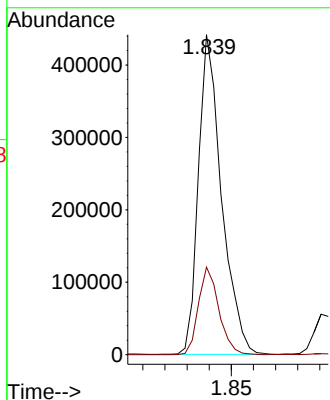
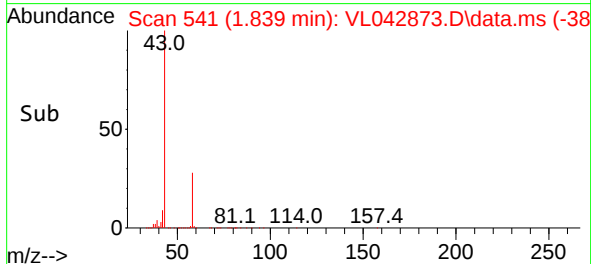
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 32048
Ion Ratio Lower Upper
43 100
58 24.3 22.4 33.6

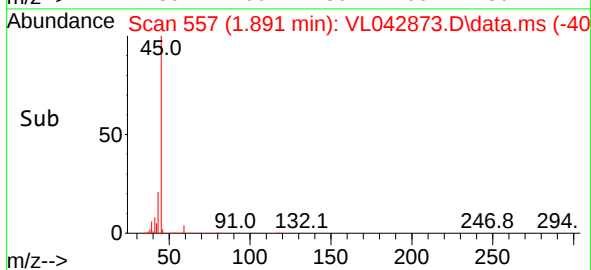
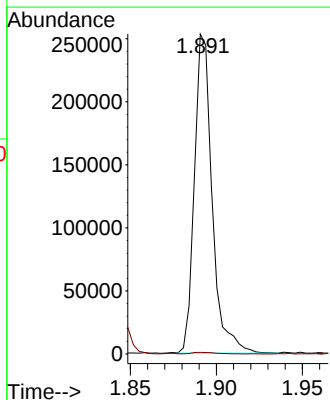
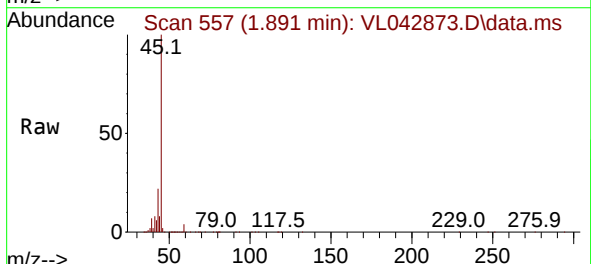
Manual Integrations
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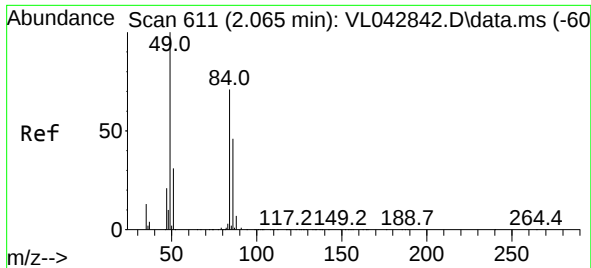
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#19
Isopropyl Alcohol
Concen: 17.796 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

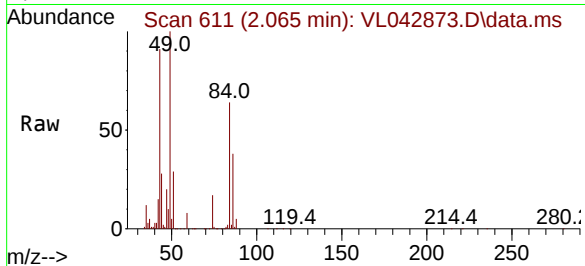
Tgt Ion: 45 Resp: 181846
Ion Ratio Lower Upper
45 100
58 42.9 32.7 49.1





#20
Methylene Chloride
Concen: 3.686 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

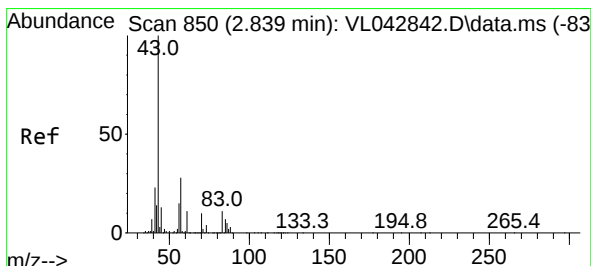
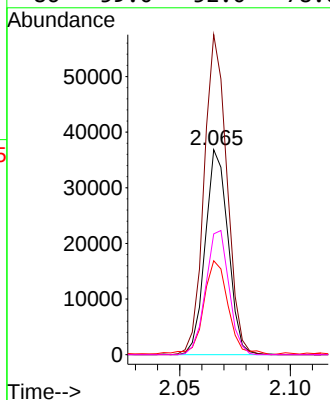
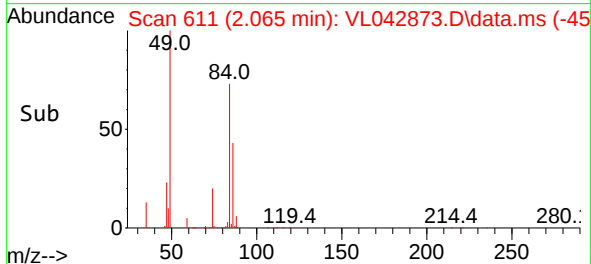
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 26414
Ion Ratio Lower Upper
84 100
49 156.1 112.3 168.5
51 45.4 36.0 54.0
86 59.0 52.0 78.0

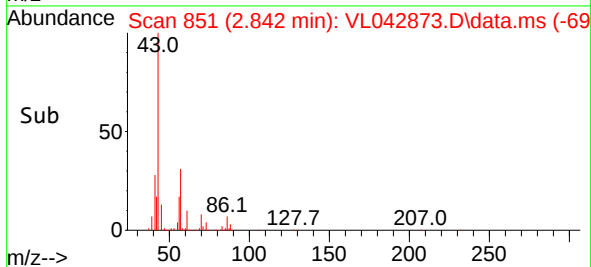
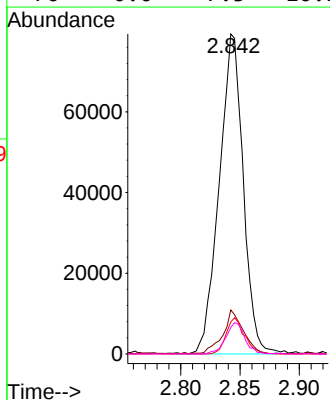
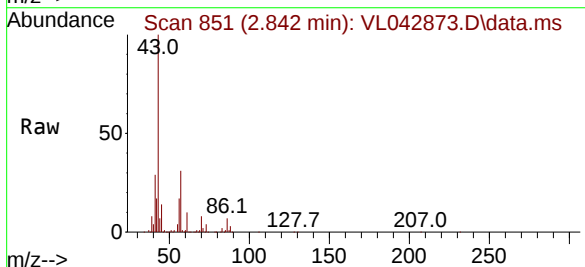
Manual Integrations
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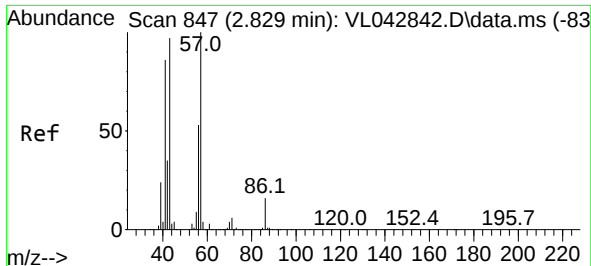
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#25
Ethyl Acetate
Concen: 2.705 ppbv m
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

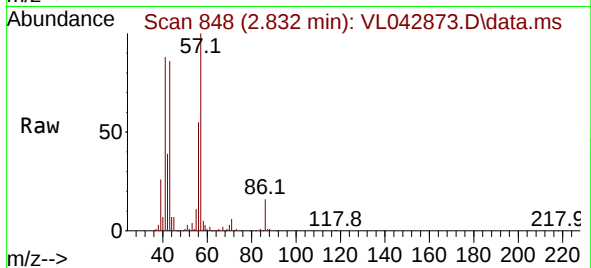
Tgt Ion: 43 Resp: 111988
Ion Ratio Lower Upper
43 100
45 0.0 8.1 12.1#
61 0.0 7.4 11.2#
70 0.0 7.3 10.9#





#26
Hexane
Concen: 2.834 ppbv
RT: 2.832 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

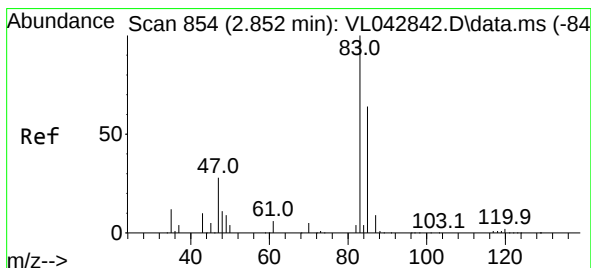
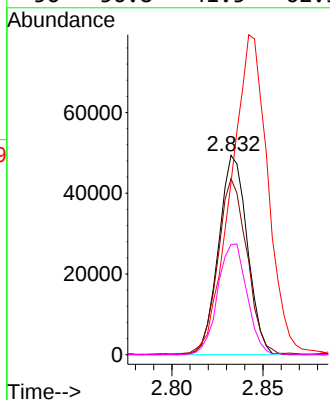
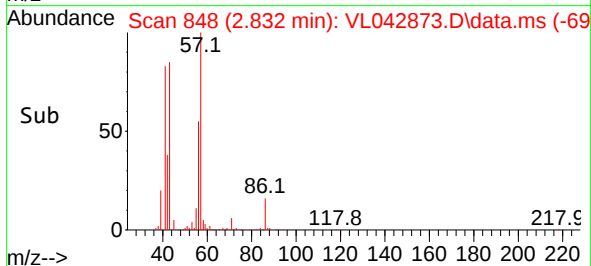
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 54172
Ion Ratio Lower Upper
57 100
41 91.0 68.6 103.0
43 206.6 168.5 252.7
56 56.8 41.5 62.3

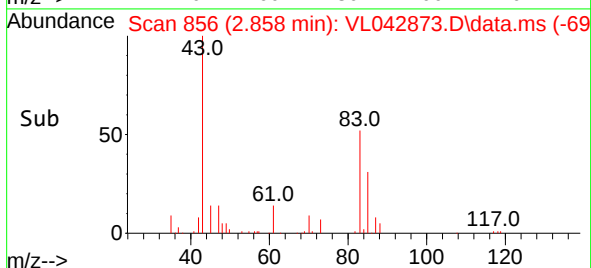
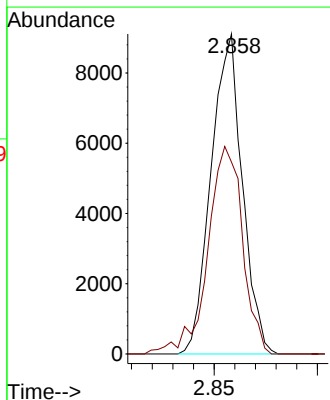
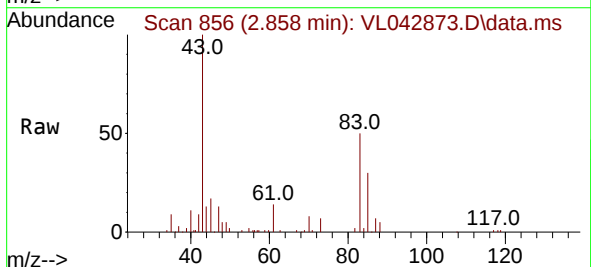
Manual Integrations
APPROVED

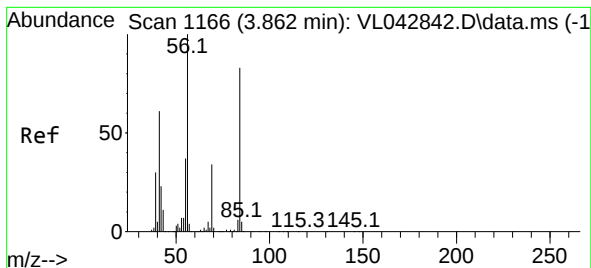
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#29
Chloroform
Concen: 0.351 ppbv
RT: 2.858 min Scan# 856
Delta R.T. 0.007 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

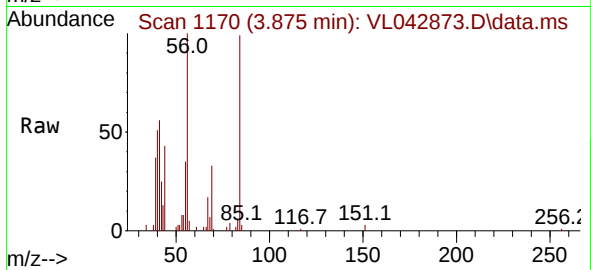
Tgt Ion: 83 Resp: 9576
Ion Ratio Lower Upper
83 100
85 59.9 51.1 76.7





#30
Cyclohexane
Concen: 0.370 ppbv m
RT: 3.875 min Scan# 1166
Delta R.T. 0.013 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

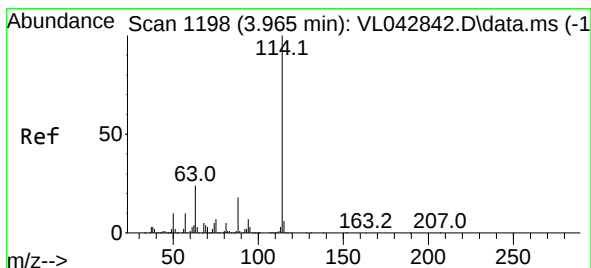
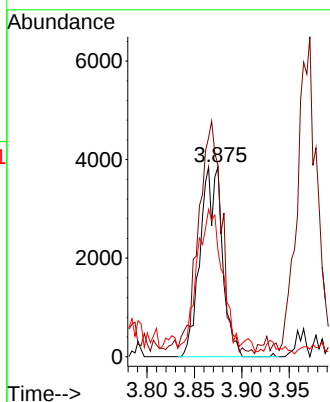
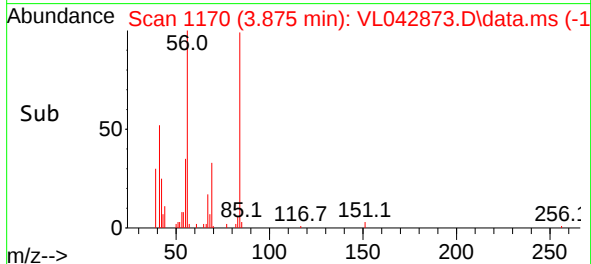
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 6190
Ion Ratio Lower Upper
84 100
56 139.3 98.8 148.2
41 90.2 61.3 91.9

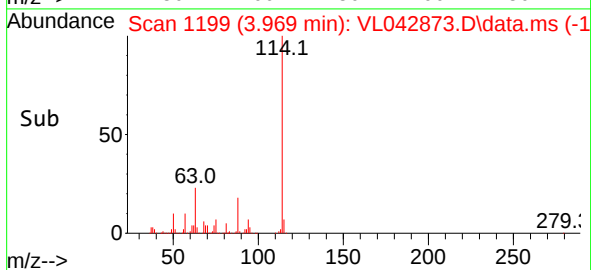
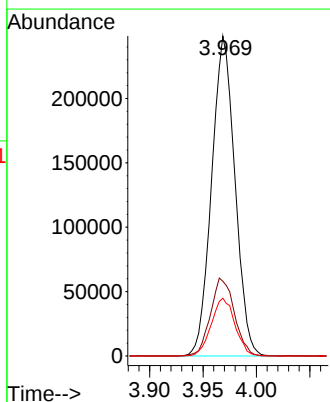
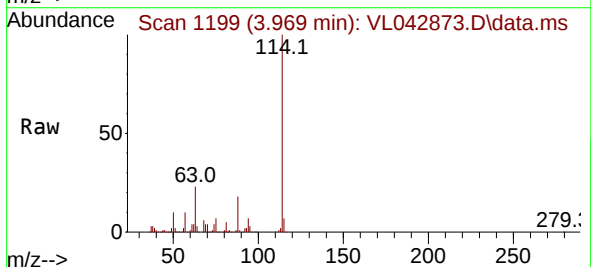
Manual Integrations
APPROVED

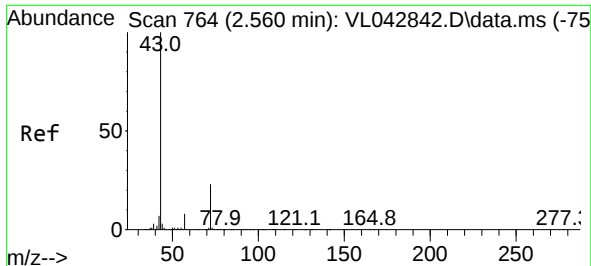
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.969 min Scan# 1199
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

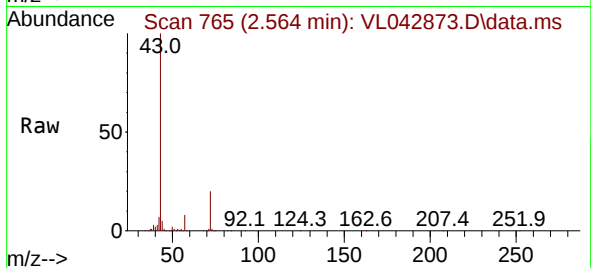
Tgt Ion:114 Resp: 377000
Ion Ratio Lower Upper
114 100
63 24.9 19.7 29.5
88 18.3 14.4 21.6





#34
2-Butanone
Concen: 3.885 ppbv
RT: 2.564 min Scan# 764
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

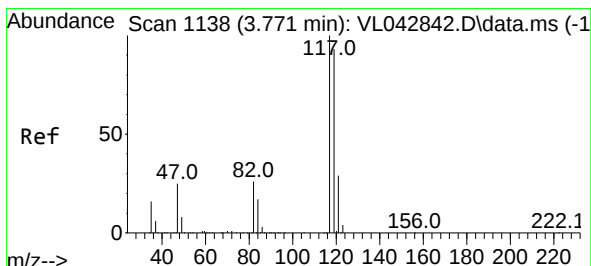
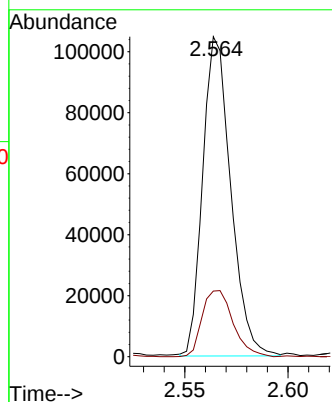
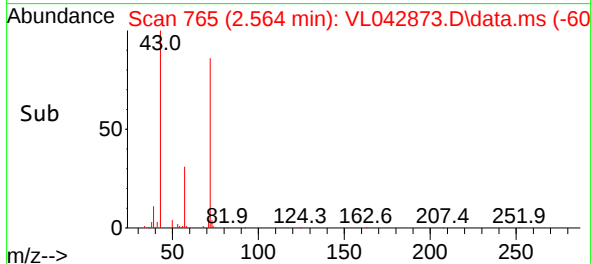
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 98890
Ion Ratio Lower Upper
43 100
72 23.0 18.6 28.0

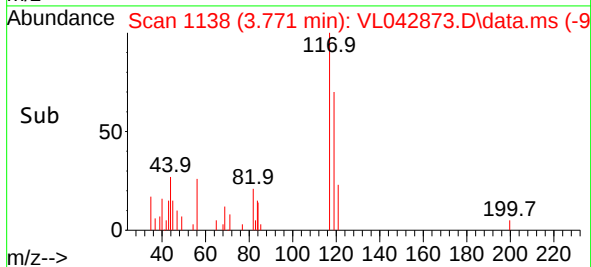
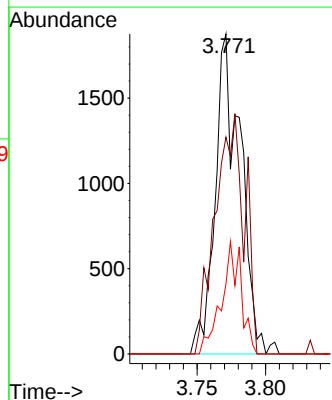
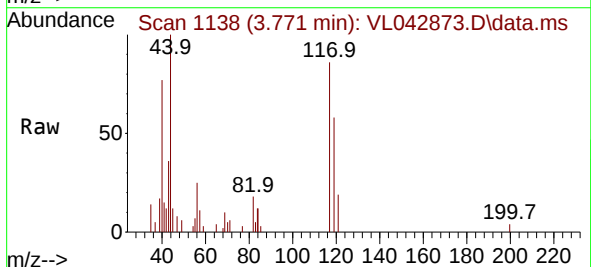
Manual Integrations
APPROVED

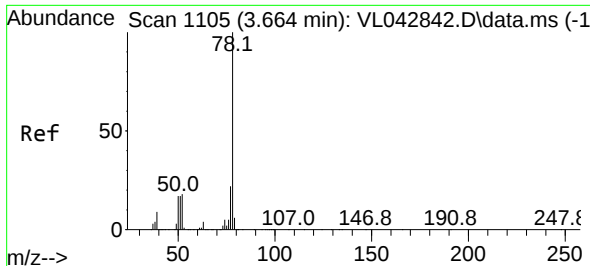
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#35
Carbon Tetrachloride
Concen: 0.094 ppbv m
RT: 3.771 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

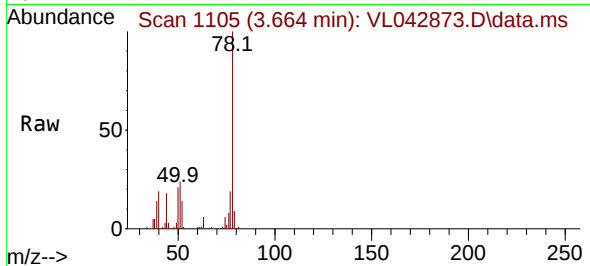
Tgt Ion:117 Resp: 2435
Ion Ratio Lower Upper
117 100
119 67.8 74.7 112.1#
121 21.9 23.2 34.8#





#36
Benzene
Concen: 0.391 ppbv m
RT: 3.664 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

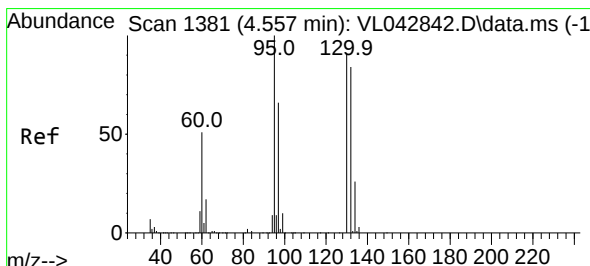
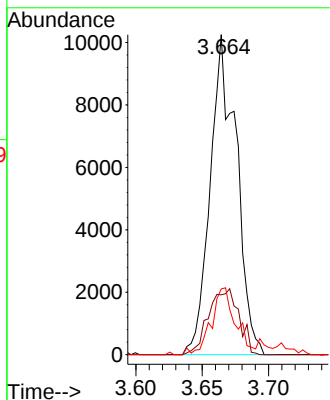
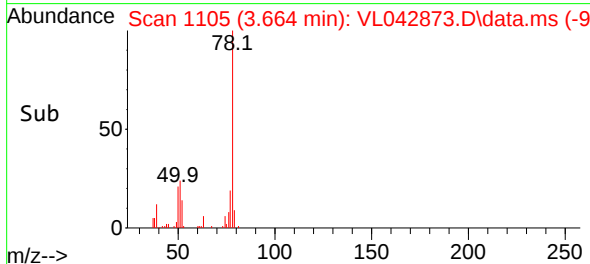
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 78 Resp: 1410
Ion Ratio Lower Upper
78 100
77 18.7 17.7 26.5
50 20.6 13.9 20.9

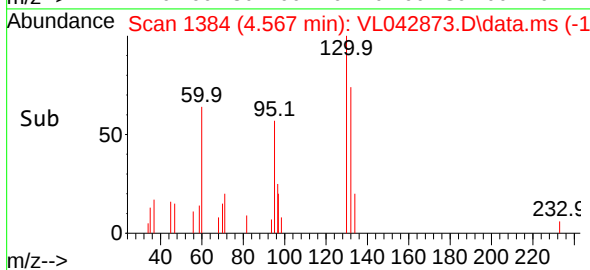
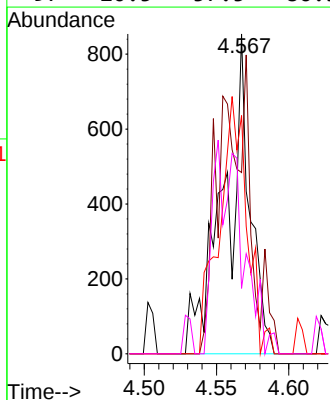
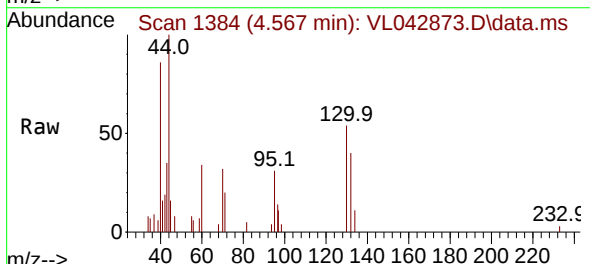
Manual Integrations
APPROVED

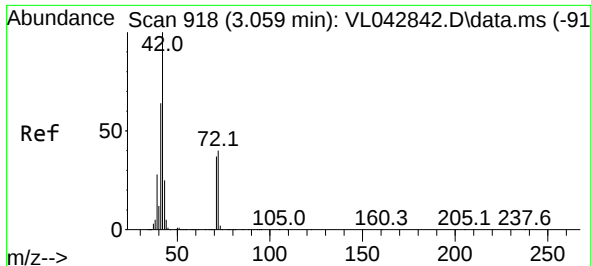
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Trichloroethene
Concen: 0.064 ppbv m
RT: 4.567 min Scan# 1384
Delta R.T. 0.010 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

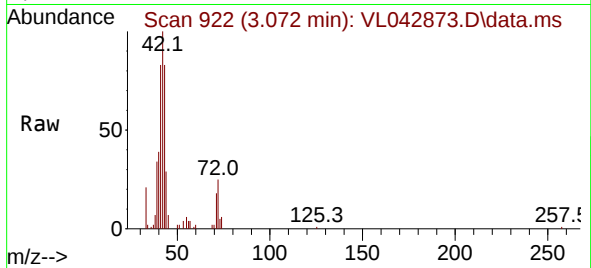
Tgt Ion:130 Resp: 1048
Ion Ratio Lower Upper
130 100
95 56.7 87.6 131.4#
132 74.5 73.8 110.8
97 20.5 57.5 86.3#





#41
Tetrahydrofuran
Concen: 0.572 ppbv
RT: 3.072 min Scan# 918
Delta R.T. 0.013 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

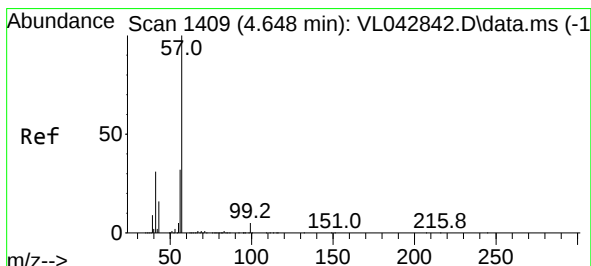
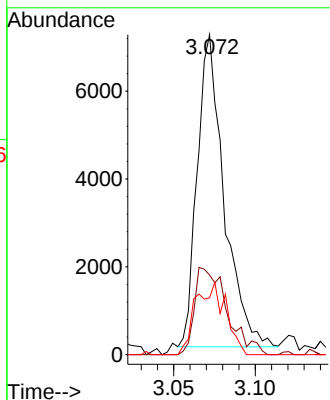
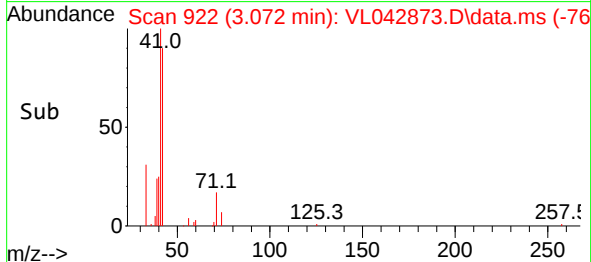
Instrument :
MSVOA_L
ClientSampleId :
IA1



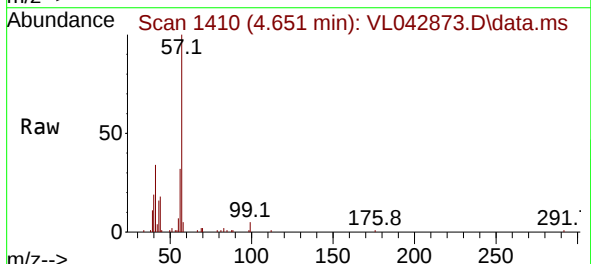
Tgt Ion: 42 Resp: 812
Ion Ratio Lower Upper
42 100
72 33.9 32.6 48.8
71 26.1 30.0 45.0

Manual Integrations
APPROVED

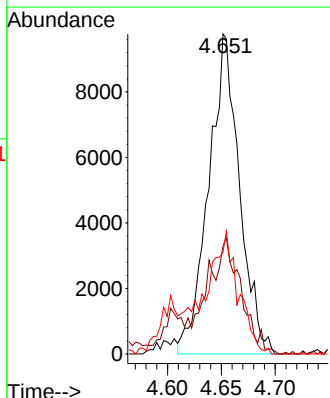
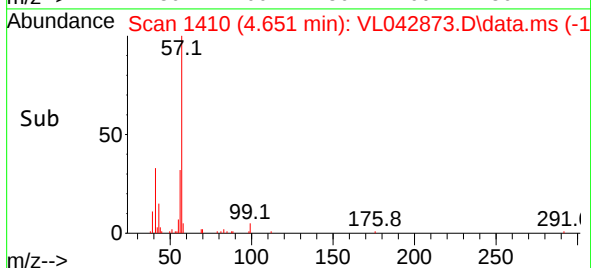
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

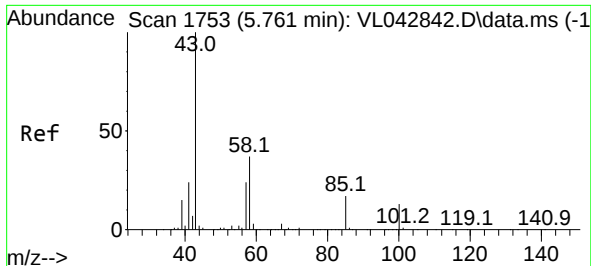


#44
2,2,4-Trimethylpentane
Concen: 0.318 ppbv m
RT: 4.651 min Scan# 1410
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39



Tgt Ion: 57 Resp: 19482
Ion Ratio Lower Upper
57 100
41 49.5 24.8 37.2#
56 52.6 25.5 38.3#





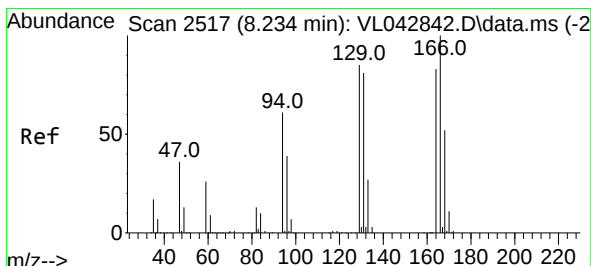
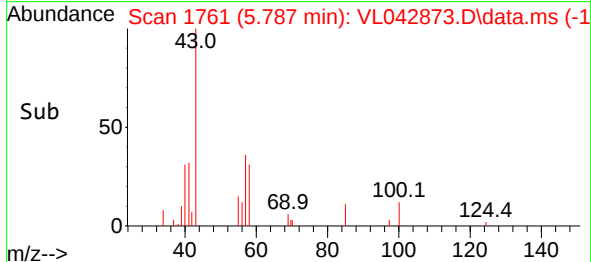
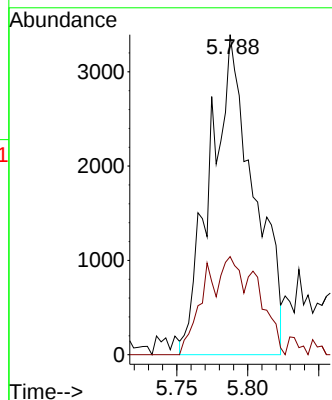
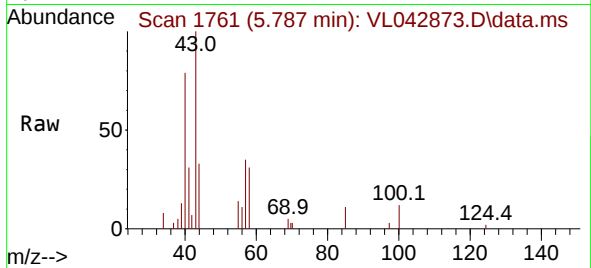
#50
4-Methyl-2-Pentanone
Concen: 0.211 ppbv m
RT: 5.787 min Scan# 1753
Delta R.T. 0.026 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 0.0 29.8 44.8

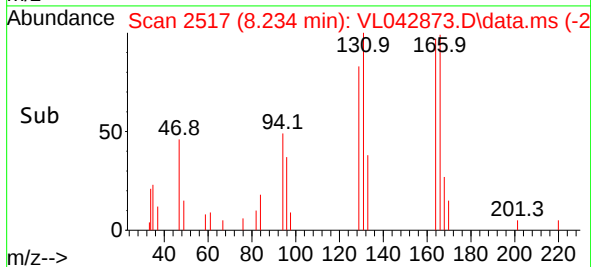
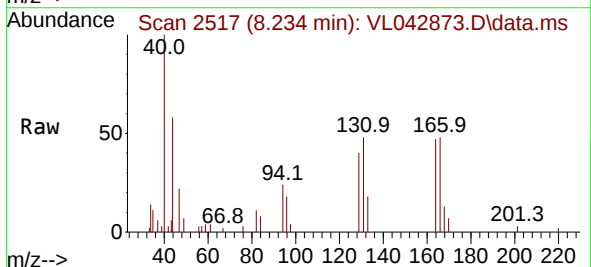
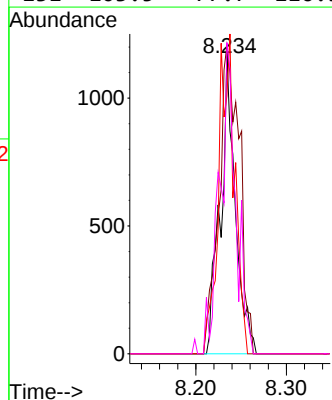
Manual Integrations
APPROVED

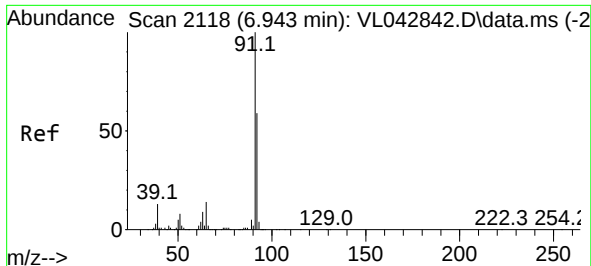
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Tetrachloroethene
Concen: 0.104 ppbv m
RT: 8.234 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Tgt Ion:164 Resp: 1352
Ion Ratio Lower Upper
164 100
166 102.7 96.5 144.7
129 85.7 81.8 122.6
131 103.5 77.7 116.5





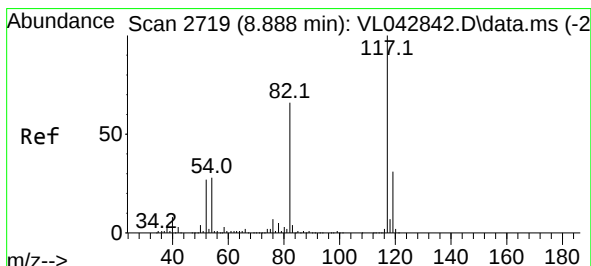
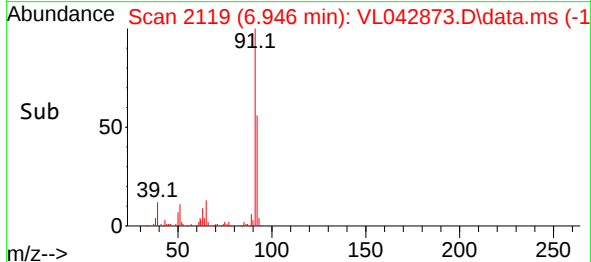
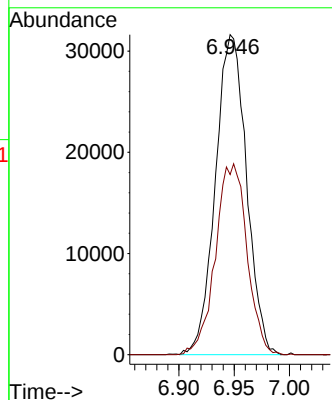
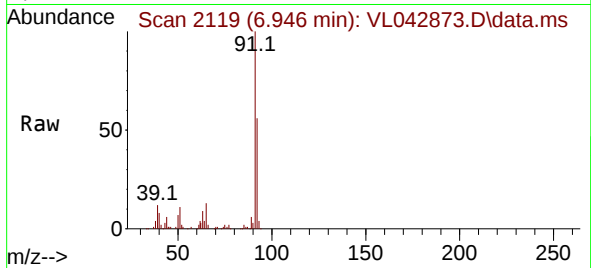
#53
Toluene
Concen: 1.441 ppbv
RT: 6.946 min Scan# 2118
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 61840
Ion Ratio Lower Upper
91 100
92 60.5 47.8 71.6

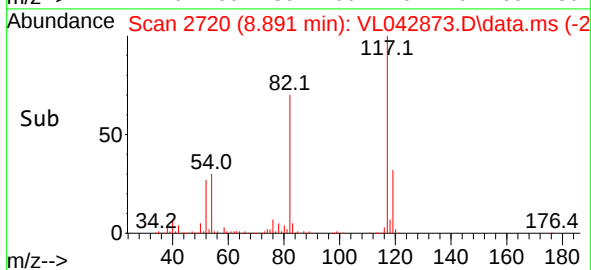
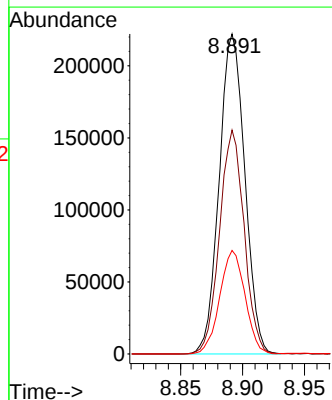
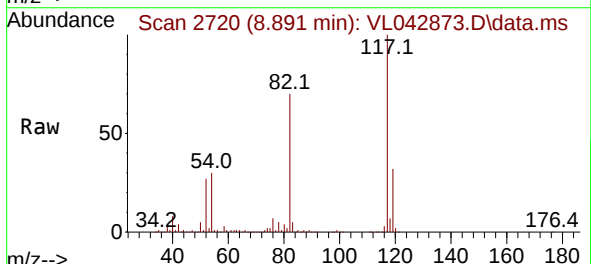
Manual Integrations
APPROVED

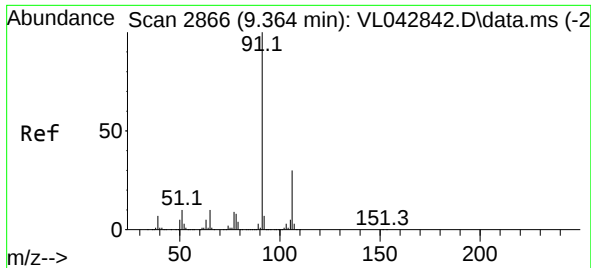
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Tgt Ion:117 Resp: 320502
Ion Ratio Lower Upper
117 100
82 67.1 54.6 81.8
119 32.2 25.9 38.9





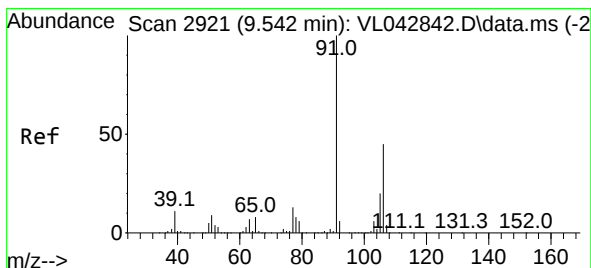
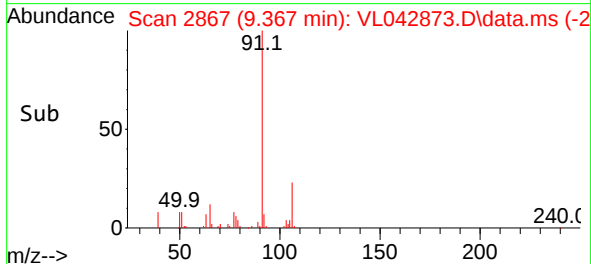
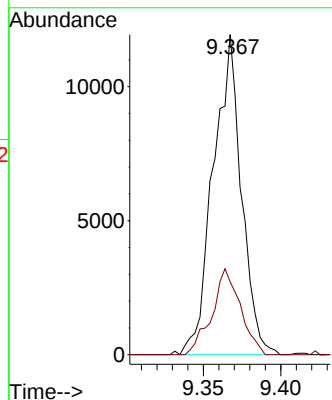
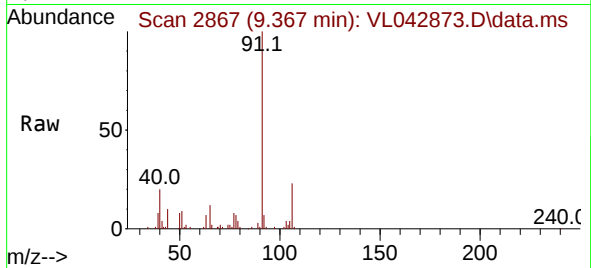
#58
Ethyl Benzene
Concen: 0.267 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 1510
Ion Ratio Lower Upper
91 100
106 22.8 23.9 35.9

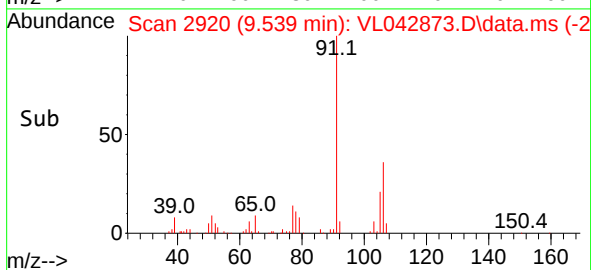
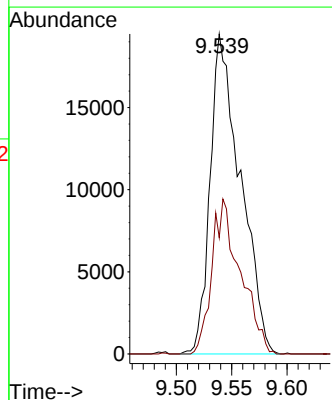
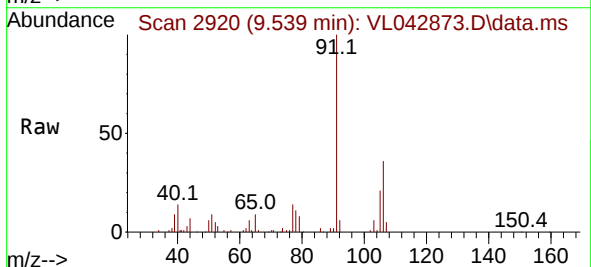
Manual Integrations
APPROVED

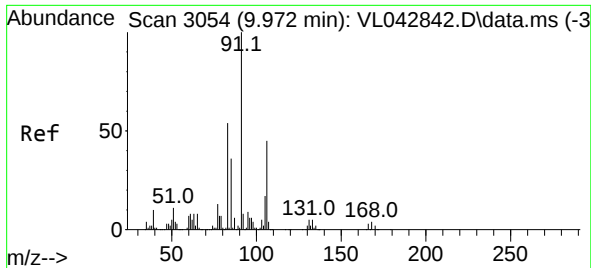
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#59
m/p-Xylene
Concen: 0.838 ppbv
RT: 9.539 min Scan# 2920
Delta R.T. -0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

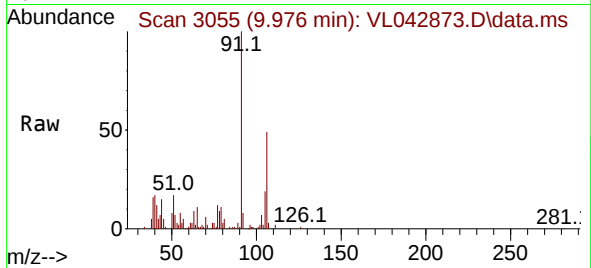
Tgt Ion: 91 Resp: 37130
Ion Ratio Lower Upper
91 100
106 45.5 0.0 0.0





#60
o-Xylene
Concen: 0.426 ppbv
RT: 9.976 min Scan# 3055
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

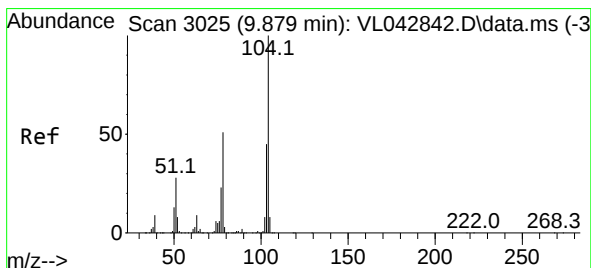
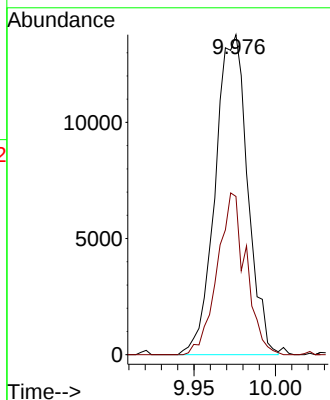
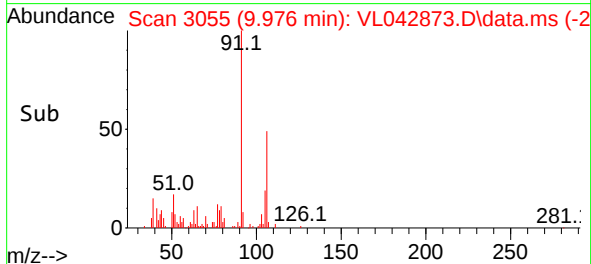
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 91 Resp: 1900
Ion Ratio Lower Upper
91 100
106 44.9 21.8 65.4

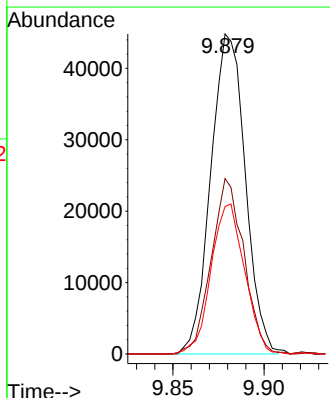
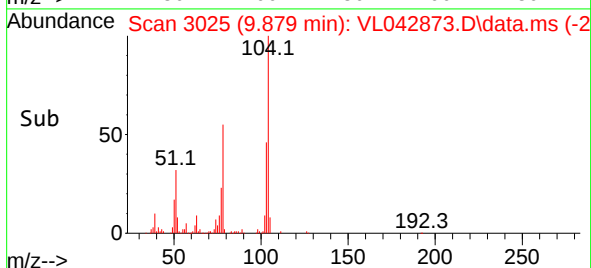
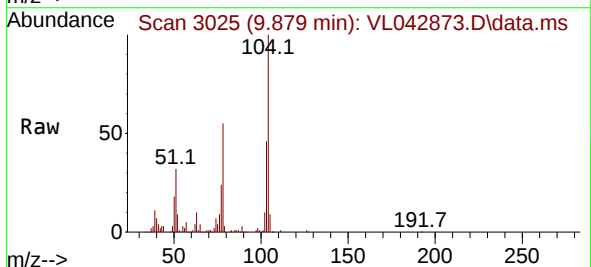
Manual Integrations
APPROVED

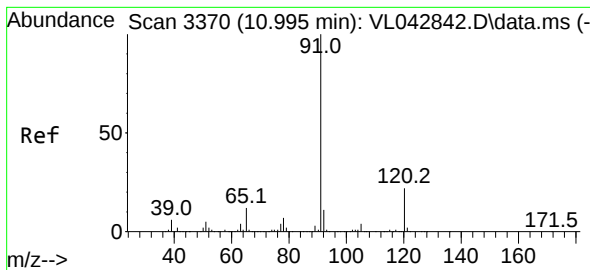
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#61
Styrene
Concen: 2.830 ppbv
RT: 9.879 min Scan# 3025
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

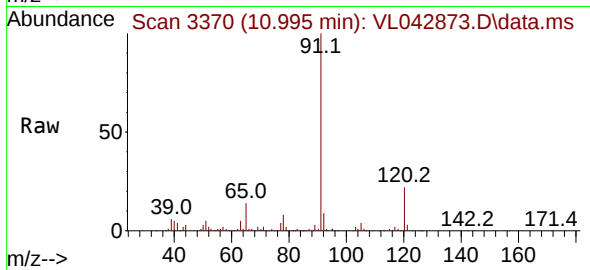
Tgt Ion:104 Resp: 59133
Ion Ratio Lower Upper
104 100
78 51.8 40.6 61.0
103 45.7 37.7 56.5





#64
n-propylbenzene
Concen: 0.754 ppbv
RT: 10.995 min Scan# 3181
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

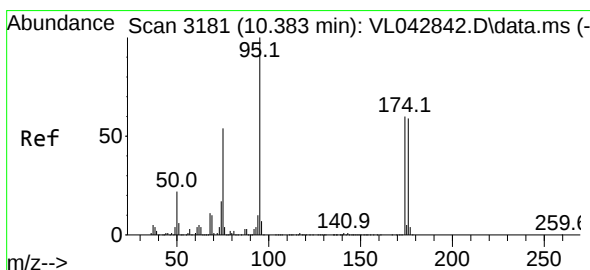
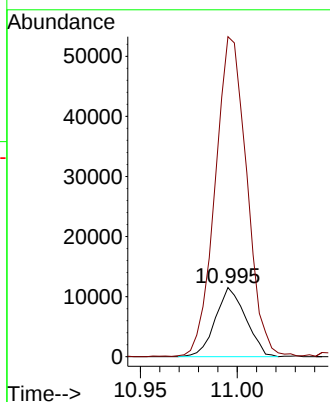
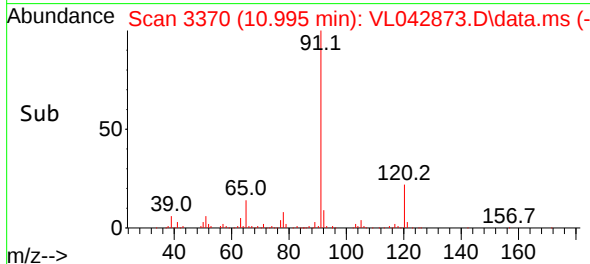
Instrument :
MSVOA_L
ClientSampleId :
IA1



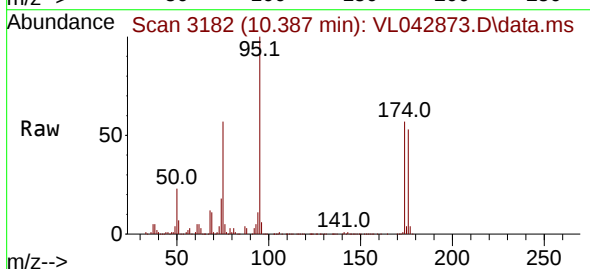
Tgt Ion:120 Resp: 12540
Ion Ratio Lower Upper
120 100
91 483.8 375.8 563.6

Manual Integrations
APPROVED

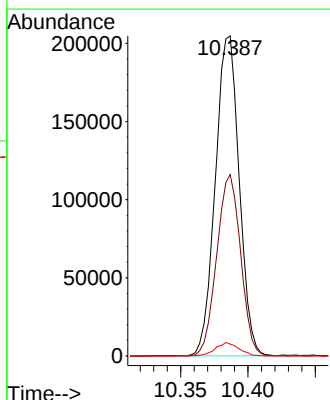
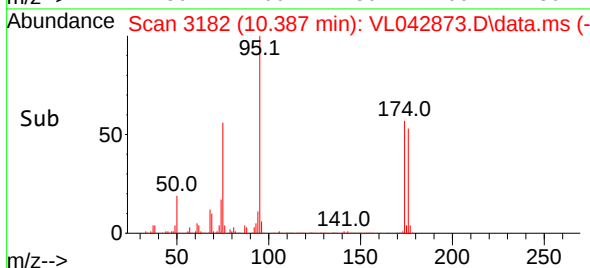
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

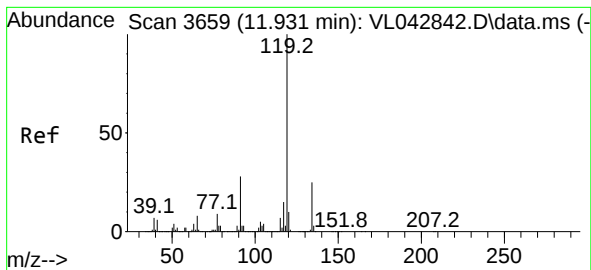


#68
1-Bromo-4-Fluorobenzene
Concen: 10.486 ppbv
RT: 10.387 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39



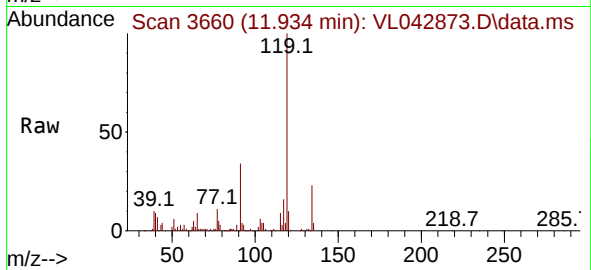
Tgt Ion: 95 Resp: 252039
Ion Ratio Lower Upper
95 100
174 56.7 48.4 72.6
175 4.1 3.8 5.8





#69
p-Isopropyltoluene
Concen: 0.591 ppbv
RT: 11.934 min Scan# 3660
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

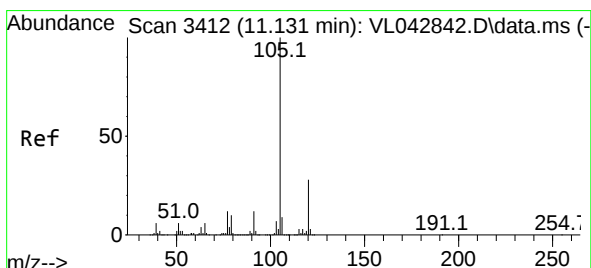
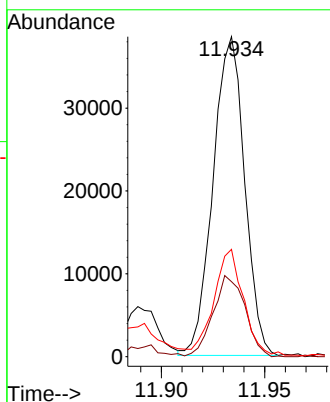
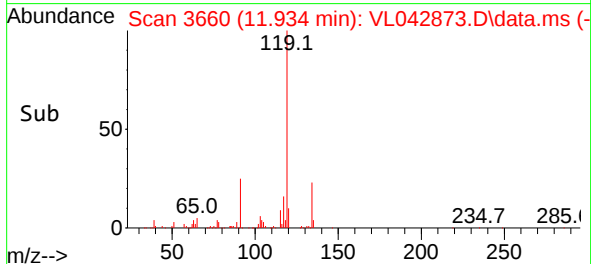
Instrument :
MSVOA_L
ClientSampleId :
IA1



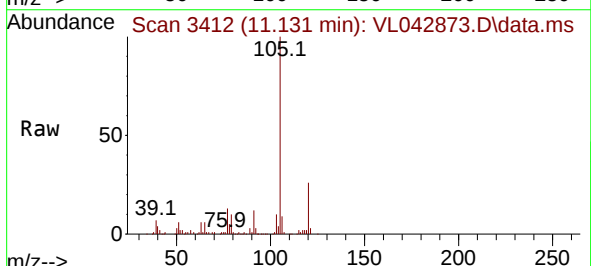
Tgt Ion:119 Resp: 40940
Ion Ratio Lower Upper
119 100
134 25.8 20.6 30.8
91 32.4 22.6 34.0

Manual Integrations
APPROVED

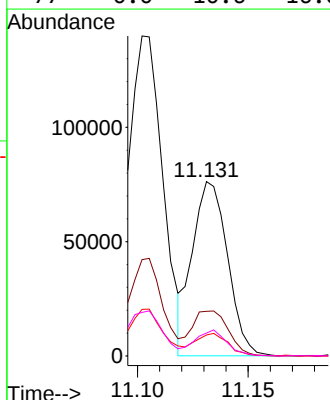
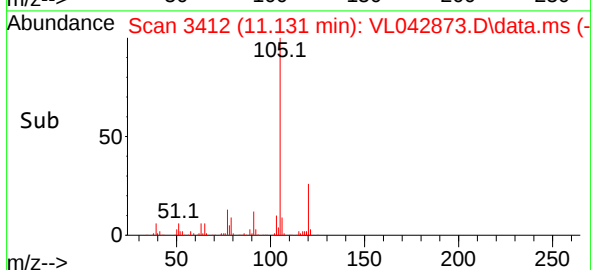
Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

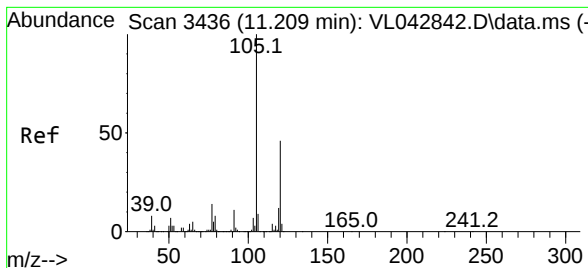


#72
4-Ethyltoluene
Concen: 1.561 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.000 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39



Tgt Ion:105 Resp: 84384
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: 1.419 ppbv

RT: 11.212 min Scan# 3437

Delta R.T. 0.003 min

Lab File: VL042873.D

Acq: 21 Aug 2025 19:39

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:105 Resp: 65238

Ion Ratio Lower Upper

105 100

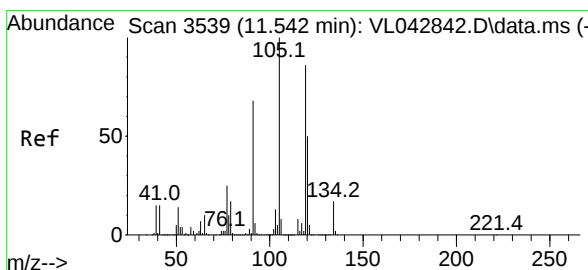
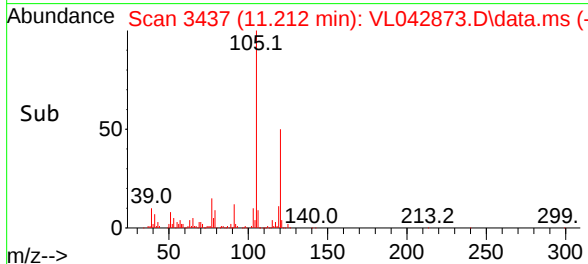
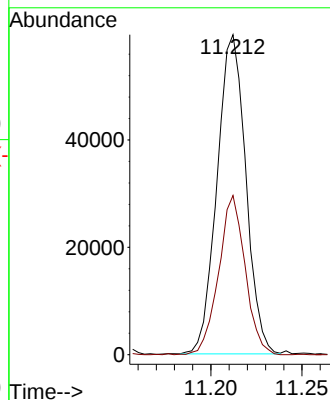
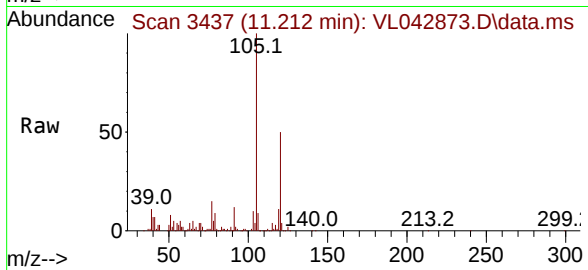
120 49.9 36.6 54.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#74

1,2,4-Trimethylbenzene

Concen: 4.830 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.000 min

Lab File: VL042873.D

Acq: 21 Aug 2025 19:39

Tgt Ion:105 Resp: 243738

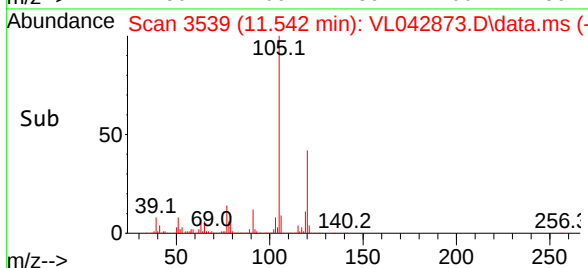
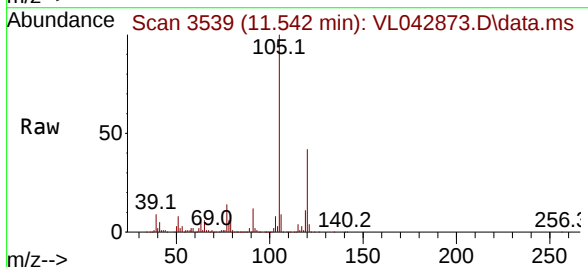
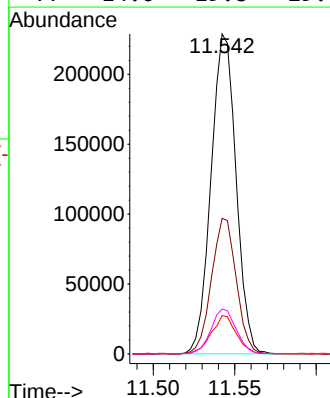
Ion Ratio Lower Upper

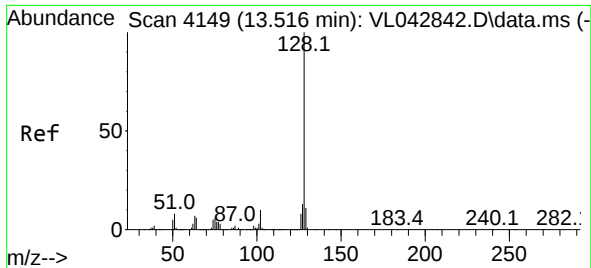
105 100

120 42.4 39.8 59.6

91 11.9 54.2 81.4#

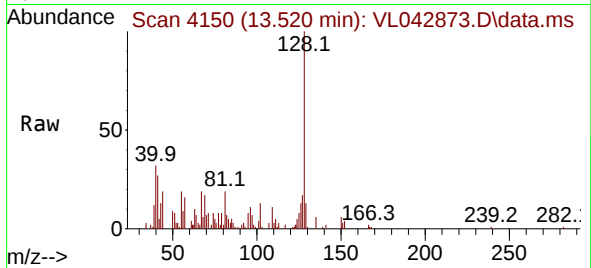
77 14.0 19.8 29.6#





#79
Naphthalene
Concen: 0.182 ppbv
RT: 13.520 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042873.D
Acq: 21 Aug 2025 19:39

Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:128 Resp: 8314
Ion Ratio Lower Upper
128 100
127 17.4 10.6 16.0
129 13.3 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

