

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061925\
 Data File : VL042654.D
 Acq On : 19 Jun 2025 14:36
 Operator : SY/MD
 Sample : Q2368-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

Quant Time: Jun 20 01:38:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.803	49	110926	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.985	114	297809	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.908	117	265686	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.397	95	210213	10.555	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.506	85	6377	0.468	ppbv	96
3) Chlorodifluoromethane	1.483	51	10882m	0.580	ppbv	
4) Chloromethane	1.538	50	4217	0.781	ppbv	97
5) Vinyl Chloride	1.590	62	228	0.041	ppbv #	64
9) Propene	1.493	41	45621	6.033	ppbv #	76
10) Heptane	5.011	43	64933	3.046	ppbv	99
11) Trichlorofluoromethane	1.888	101	3436m	0.271	ppbv	
13) Ethanol	1.739	45	2411786	2676.402	ppbv	73
15) Acetone	1.845	43	410602m	30.730	ppbv	
19) Isopropyl Alcohol	1.897	45	72050	9.020	ppbv #	1
20) Methylene Chloride	2.075	84	3118	0.707	ppbv #	59
26) Hexane	2.842	57	141631	8.524	ppbv	82
29) Chloroform	2.865	83	25995	1.203	ppbv	93
30) Cyclohexane	3.881	84	28176	2.046	ppbv	94
31) cis-1,2-Dichloroethene	2.739	61	4593	0.302	ppbv #	85
34) 2-Butanone	2.570	43	27969	1.317	ppbv	97
35) Carbon Tetrachloride	3.784	117	1706m	0.087	ppbv	
36) Benzene	3.677	78	145194	4.951	ppbv	98
38) Trichloroethene	4.571	130	2806m	0.225	ppbv	
41) Tetrahydrofuran	3.075	42	7319m	0.589	ppbv	
44) 2,2,4-Trimethylpentane	4.668	57	202489	4.037	ppbv	90
50) 4-Methyl-2-Pentanone	5.804	43	16487m	0.560	ppbv	
52) Tetrachloroethene	8.264	164	1758047	160.426	ppbv	98
53) Toluene	6.966	91	762011	22.482	ppbv	99
58) Ethyl Benzene	9.377	91	262805	5.831	ppbv	94
59) m/p-Xylene	9.555	91	745066	21.008	ppbv	97
60) o-Xylene	9.986	91	285317	8.066	ppbv	97
61) Styrene	9.895	104	26386	1.578	ppbv	96
62) Isopropylbenzene	10.558	105	10455	0.200	ppbv	91
64) n-propylbenzene	11.005	120	8498	0.607	ppbv	91
69) p-Isopropyltoluene	11.941	119	8167	0.146	ppbv	95
70) n-Butylbenzene	12.297	91	10981	0.199	ppbv #	46
72) 4-Ethyltoluene	11.141	105	45232	1.026	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.222	105	45144	1.237	ppbv	89
74) 1,2,4-Trimethylbenzene	11.552	105	158301	3.908	ppbv #	64
76) 1,4-Dichlorobenzene	11.688	146	123874	4.883	ppbv	97
79) Naphthalene	13.530	128	9254	0.242	ppbv	97

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

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Misc : 400mL/MSVOA_L
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Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

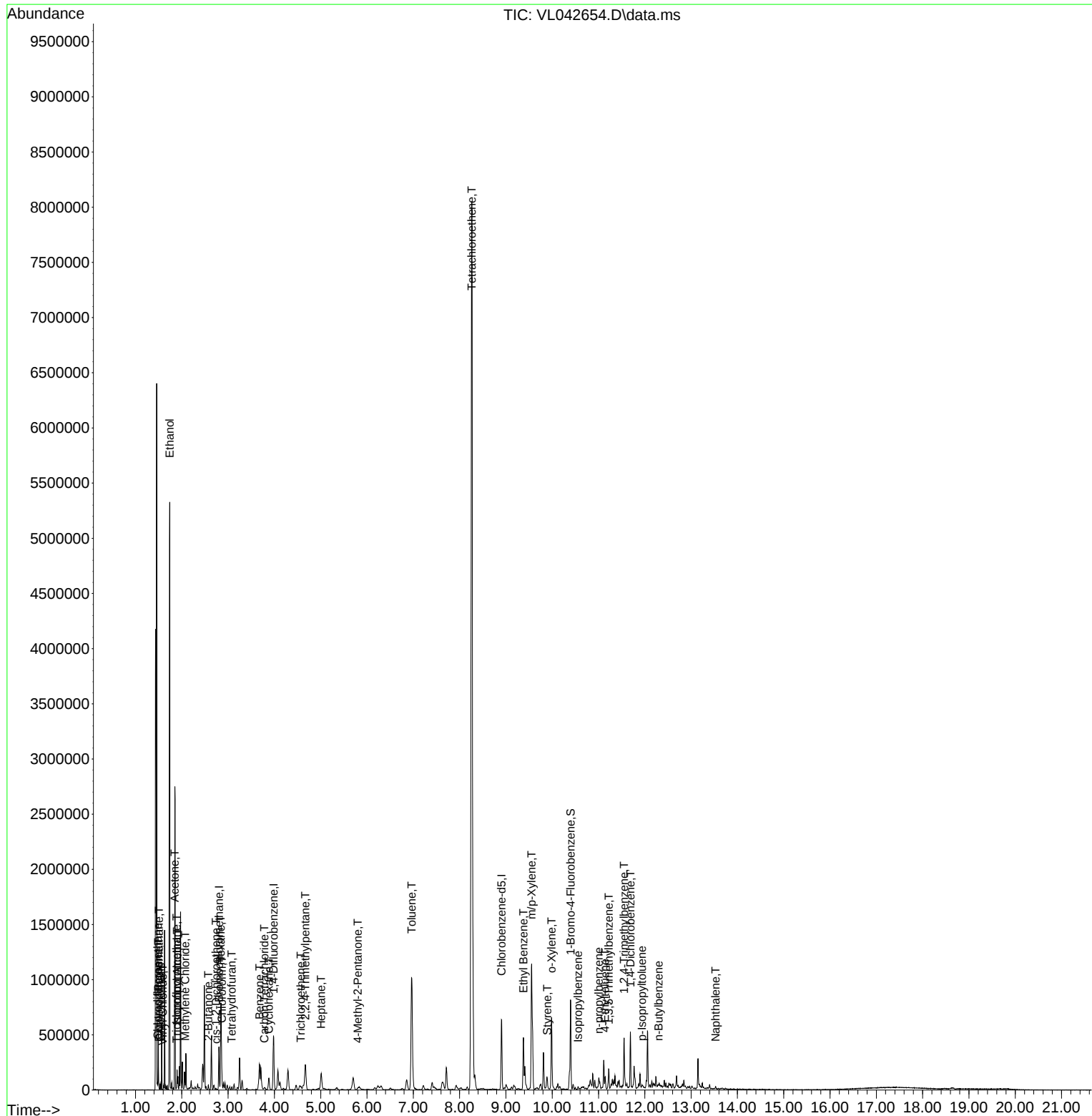
Quant Time: Jun 20 01:38:06 2025

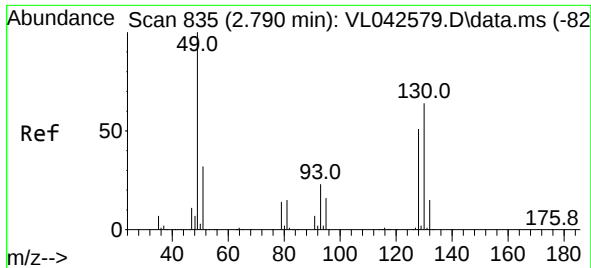
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Fri May 30 02:01:56 2025

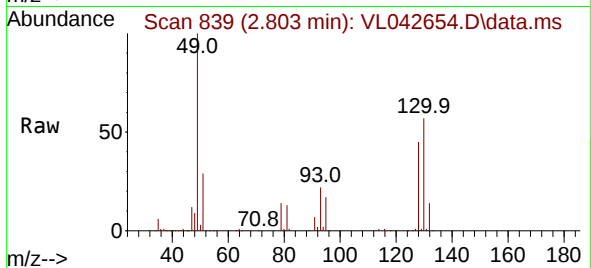
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

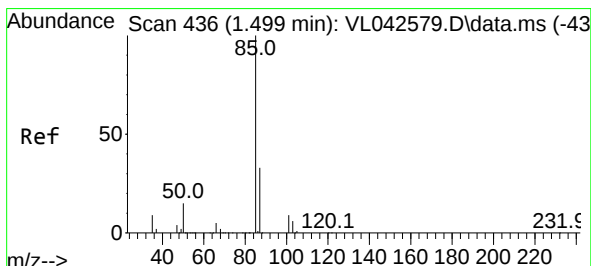
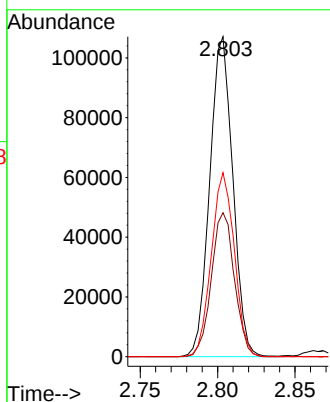
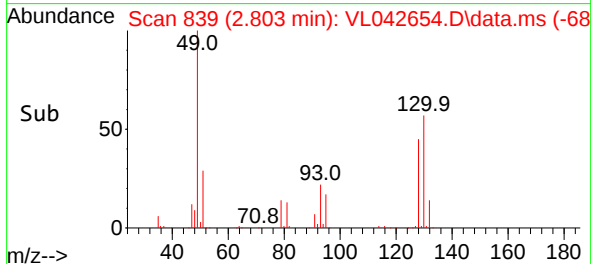
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 110920
Ion Ratio Lower Upper
49 100
128 45.0 24.2 72.6
130 57.3 30.4 91.2

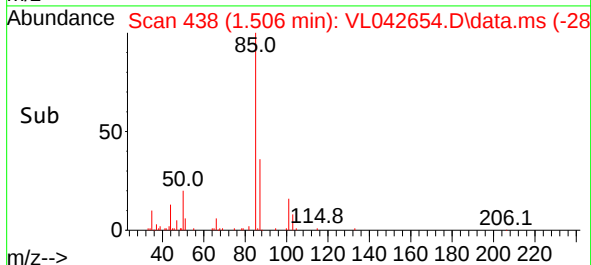
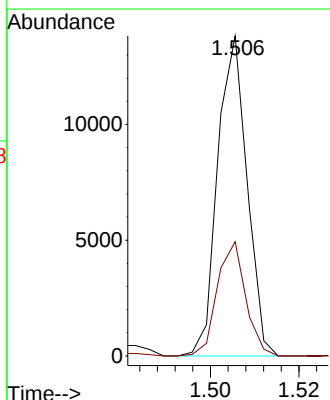
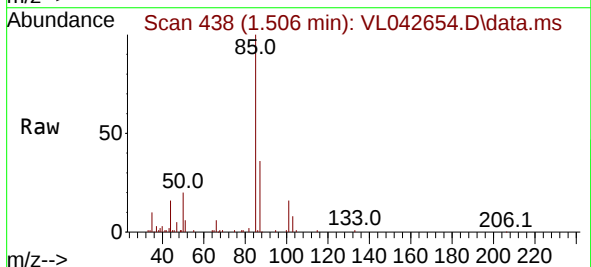
Manual Integrations
APPROVED

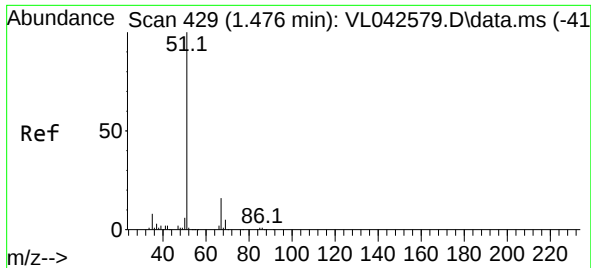
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#2
Dichlorodifluoromethane
Concen: 0.468 ppbv
RT: 1.506 min Scan# 438
Delta R.T. 0.007 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

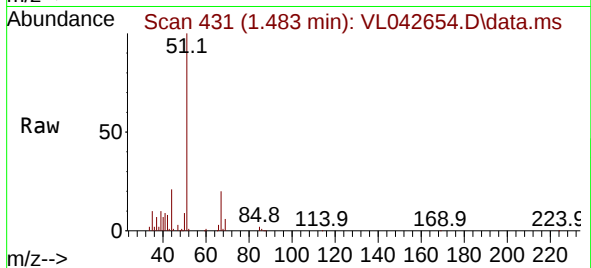
Tgt Ion: 85 Resp: 6377
Ion Ratio Lower Upper
85 100
87 35.7 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.580 ppbv m
RT: 1.483 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

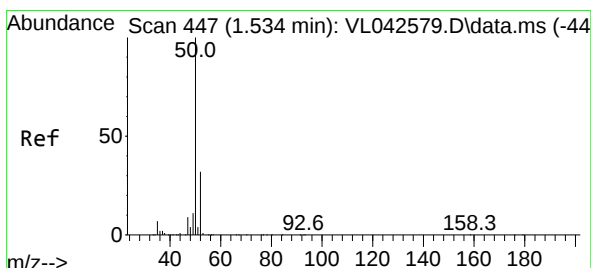
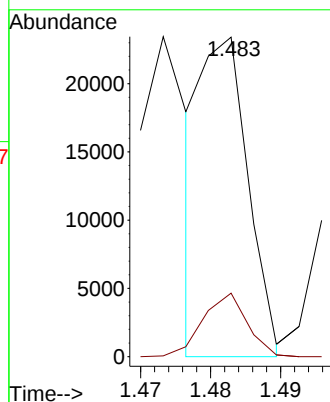
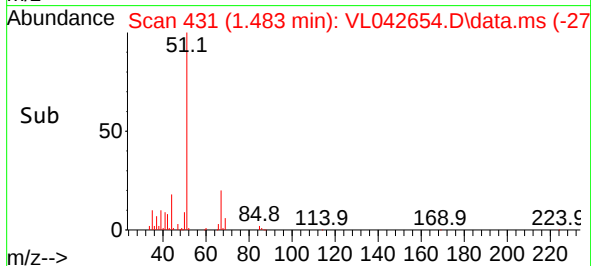
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 51 Resp: 1088
Ion Ratio Lower Upper
51 100
67 21.0 13.4 20.2

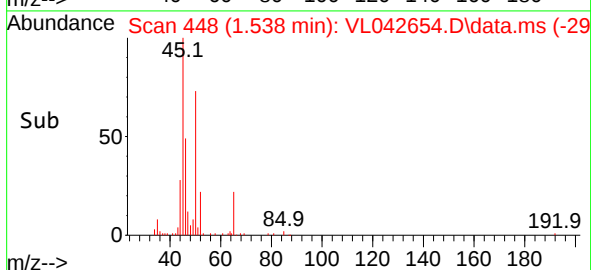
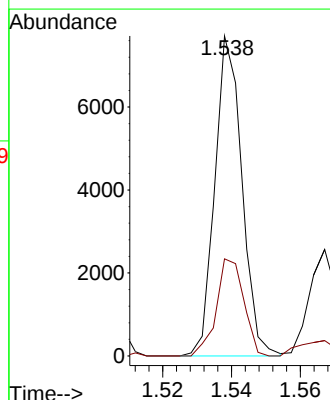
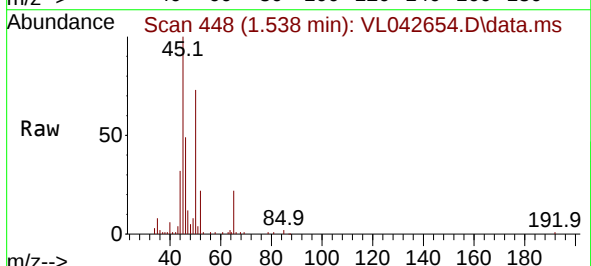
Manual Integrations
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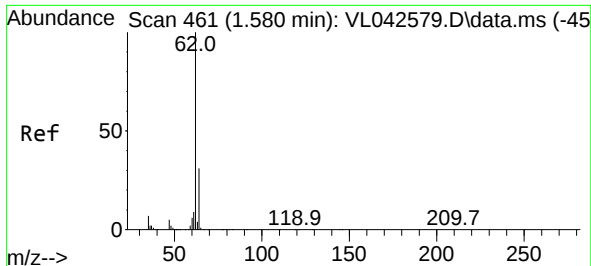
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#4
Chloromethane
Concen: 0.781 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.004 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

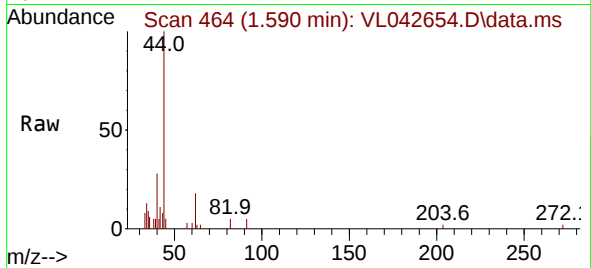
Tgt Ion: 50 Resp: 4217
Ion Ratio Lower Upper
50 100
52 30.4 25.8 38.6





#5
 Vinyl Chloride
 Concen: 0.041 ppbv
 RT: 1.590 min Scan# 461
 Delta R.T. 0.010 min
 Lab File: VL042654.D
 Acq: 19 Jun 2025 14:36

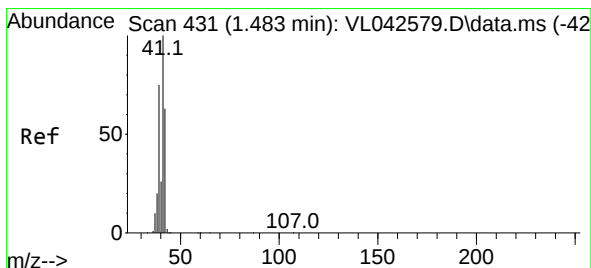
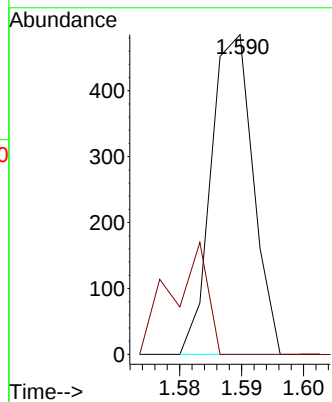
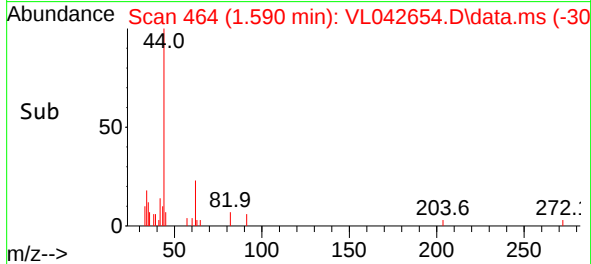
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 62 Resp: 228
 Ion Ratio Lower Upper
 62 100
 64 11.2 24.9 37.3

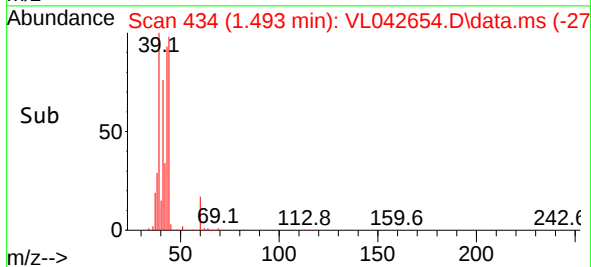
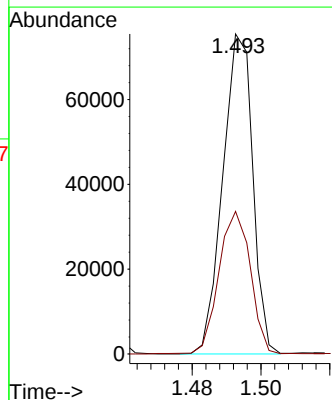
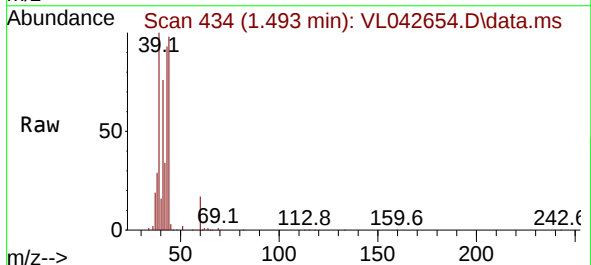
Manual Integrations
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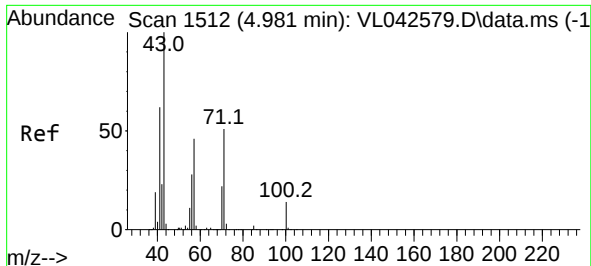
Reviewed By :Semsettin Yesilyurt 06/23/2025
 Supervised By :Mahesh Dadoda 06/23/2025



#9
 Propene
 Concen: 6.033 ppbv
 RT: 1.493 min Scan# 434
 Delta R.T. 0.010 min
 Lab File: VL042654.D
 Acq: 19 Jun 2025 14:36

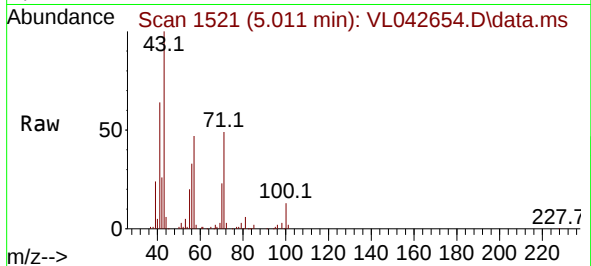
Tgt Ion: 41 Resp: 45621
 Ion Ratio Lower Upper
 41 100
 42 47.4 53.3 79.9





#10
Heptane
Concen: 3.046 ppbv
RT: 5.011 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

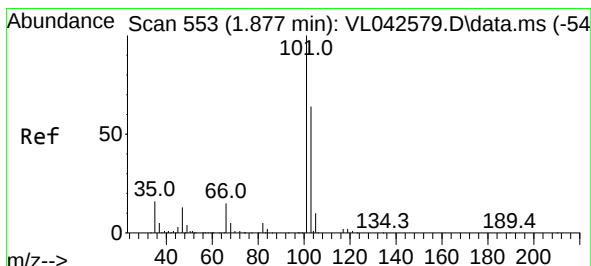
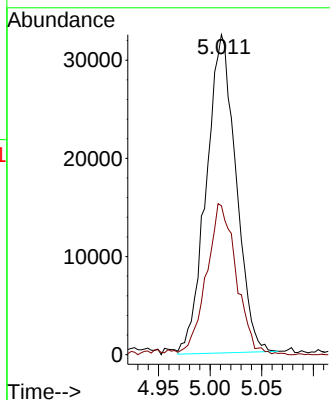
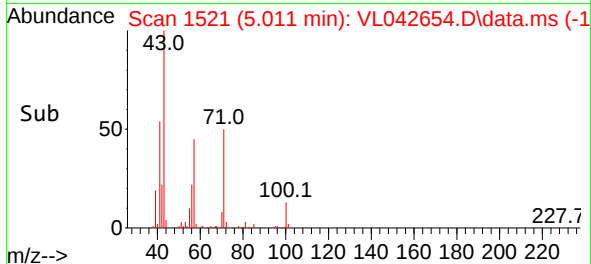
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 43 Resp: 6493
Ion Ratio Lower Upper
43 100
57 49.2 38.9 58.3

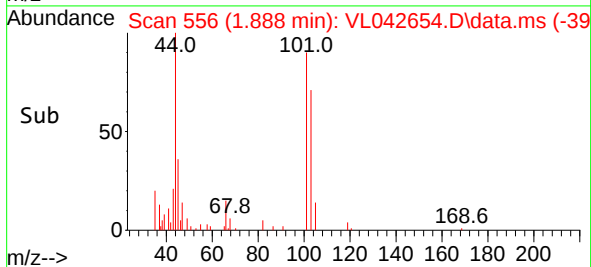
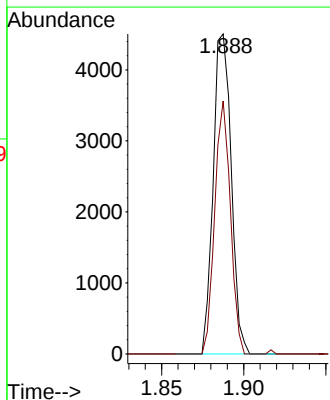
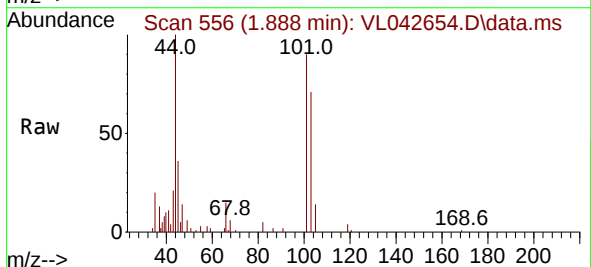
Manual Integrations
APPROVED

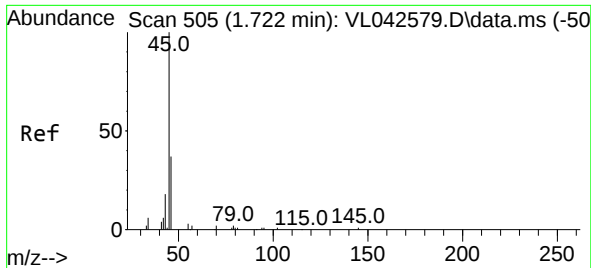
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#11
Trichlorofluoromethane
Concen: 0.271 ppbv m
RT: 1.888 min Scan# 556
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

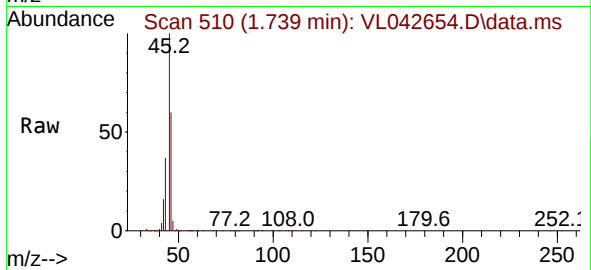
Tgt Ion:101 Resp: 3436
Ion Ratio Lower Upper
101 100
103 79.0 51.5 77.3#





#13
Ethanol
Concen: 2676.402 ppbv
RT: 1.739 min Scan# 510
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

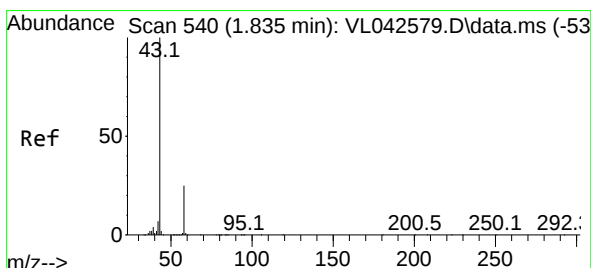
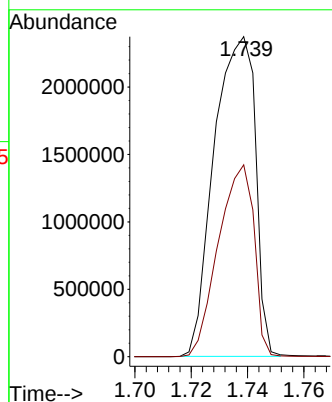
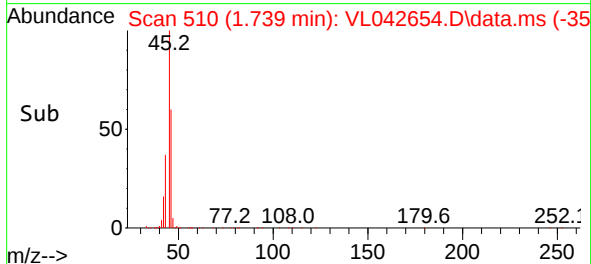
Instrument :
MSVOA_L
ClientSampleId :
IA1



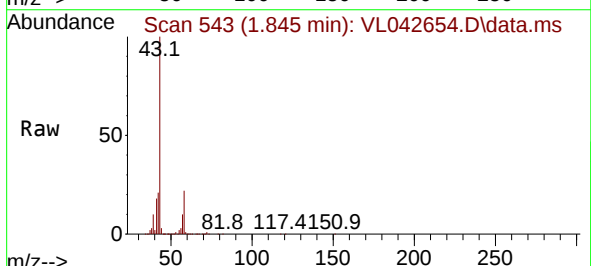
Tgt Ion: 45 Resp: 2411780
Ion Ratio Lower Upper
45 100
46 52.0 14.5 58.1

Manual Integrations
APPROVED

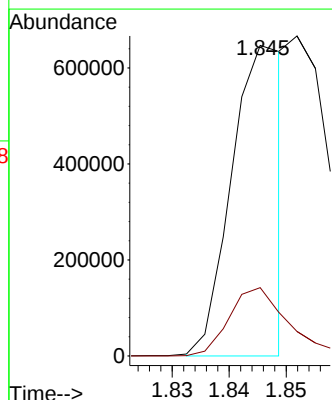
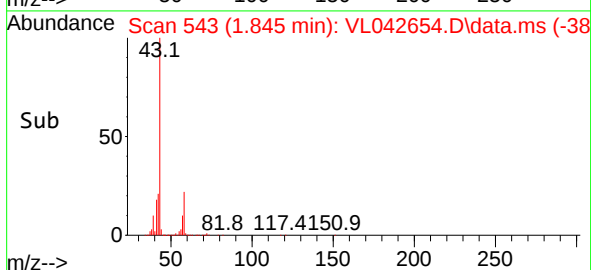
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

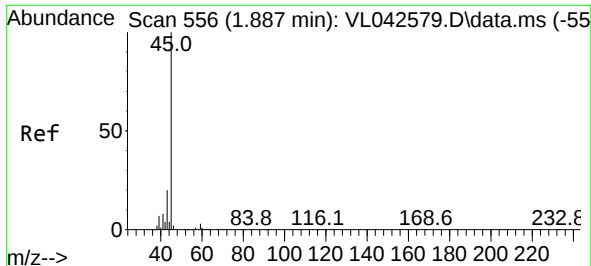


#15
Acetone
Concen: 30.730 ppbv m
RT: 1.845 min Scan# 543
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36



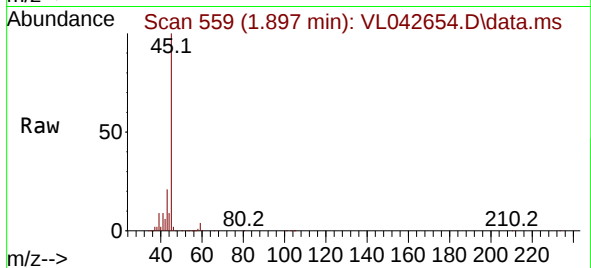
Tgt Ion: 43 Resp: 410602
Ion Ratio Lower Upper
43 100
58 24.9 21.0 31.4





#19
Isopropyl Alcohol
Concen: 9.020 ppbv
RT: 1.897 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

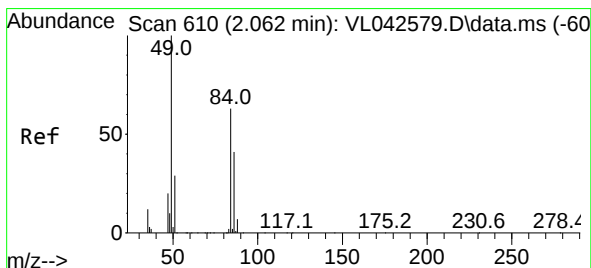
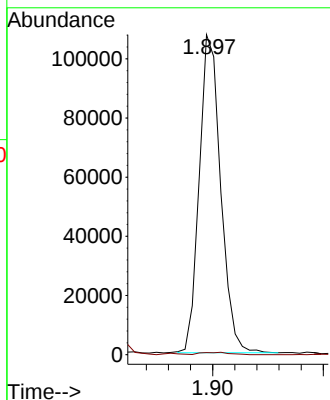
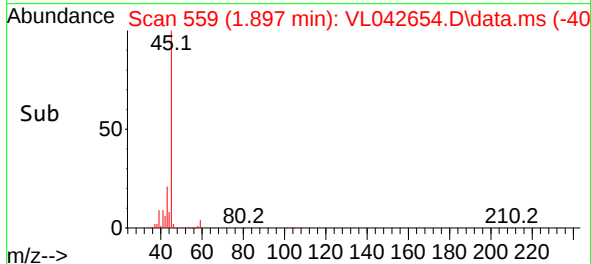
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 45 Resp: 72050
Ion Ratio Lower Upper
45 100
58 142.3 29.4 44.23

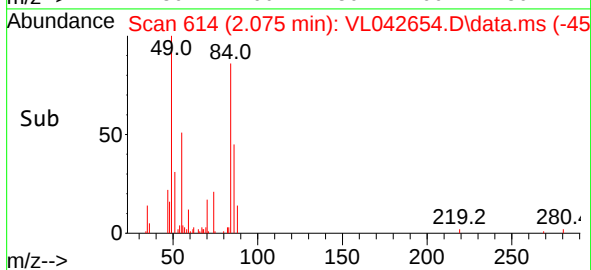
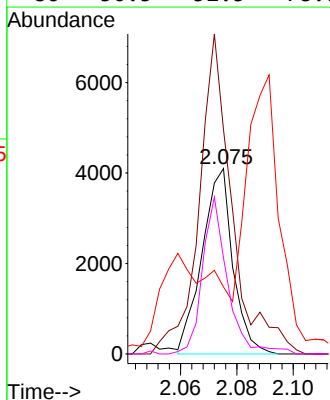
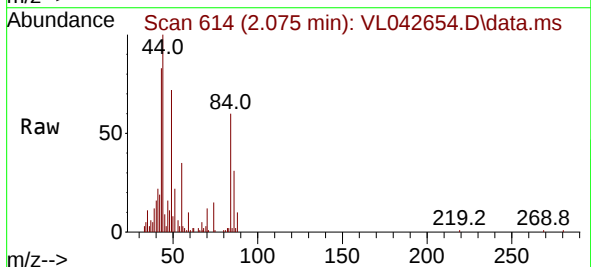
Manual Integrations
APPROVED

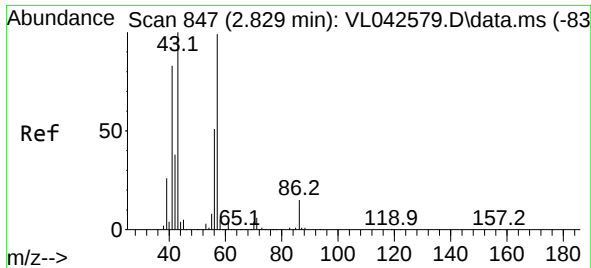
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#20
Methylene Chloride
Concen: 0.707 ppbv
RT: 2.075 min Scan# 614
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

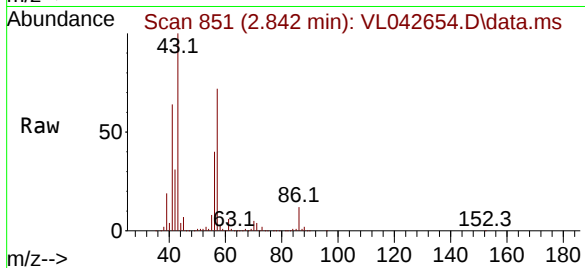
Tgt Ion: 84 Resp: 3118
Ion Ratio Lower Upper
84 100
49 106.9 128.8 193.2#
51 0.0 38.6 57.8#
86 50.5 52.5 78.7#





#26
Hexane
Concen: 8.524 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

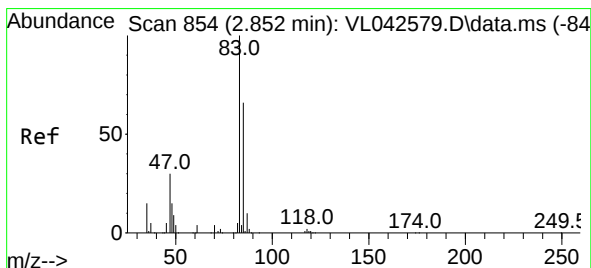
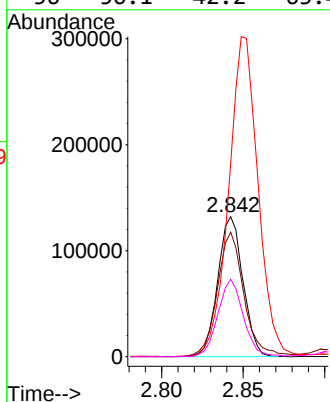
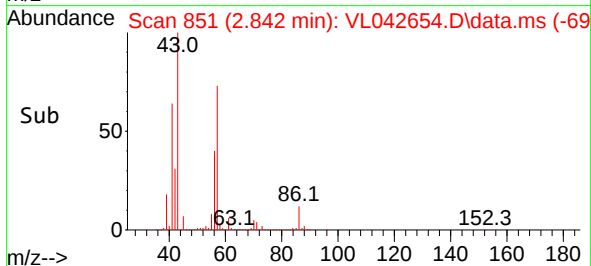
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 14163
Ion Ratio Lower Upper
57 100
41 94.8 70.6 106.0
43 268.9 181.1 271.7
56 56.1 42.2 63.4

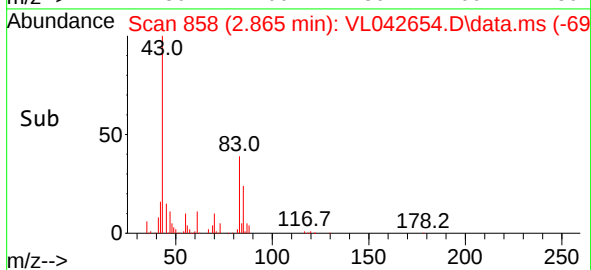
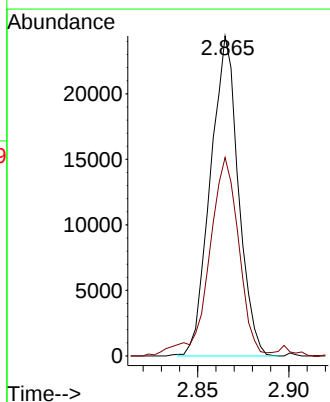
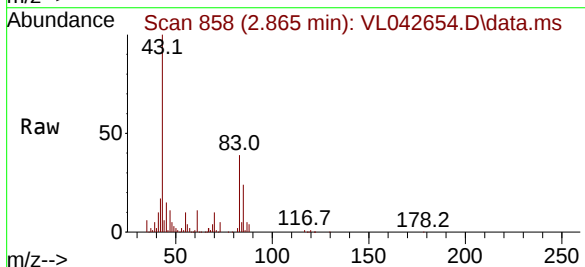
Manual Integrations
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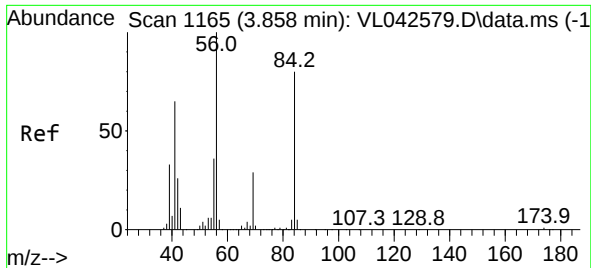
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#29
Chloroform
Concen: 1.203 ppbv
RT: 2.865 min Scan# 858
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

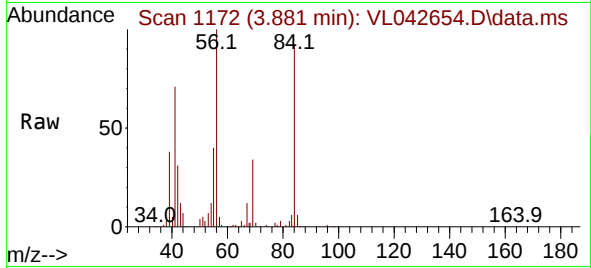
Tgt Ion: 83 Resp: 25995
Ion Ratio Lower Upper
83 100
85 60.6 52.8 79.2





#30
Cyclohexane
Concen: 2.046 ppbv
RT: 3.881 min Scan# 1172
Delta R.T. 0.023 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

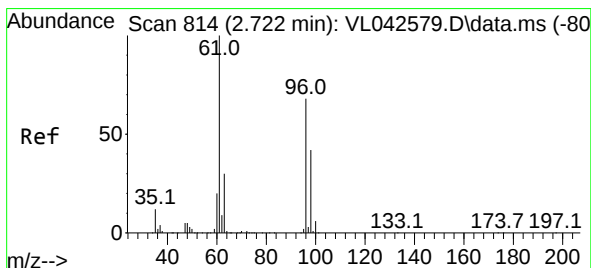
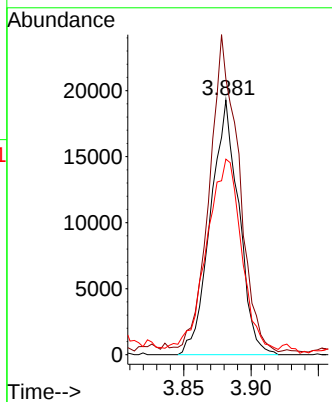
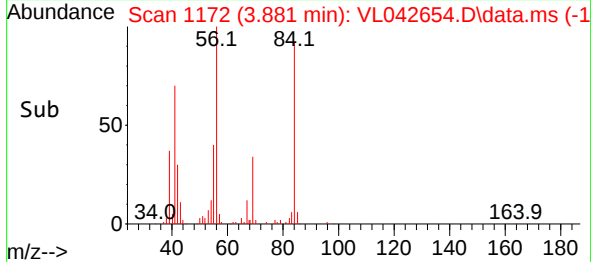
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 84 Resp: 28170
Ion Ratio Lower Upper
84 100
56 131.3 103.7 155.5
41 93.4 65.1 97.7

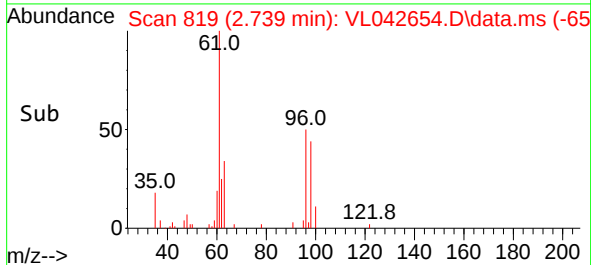
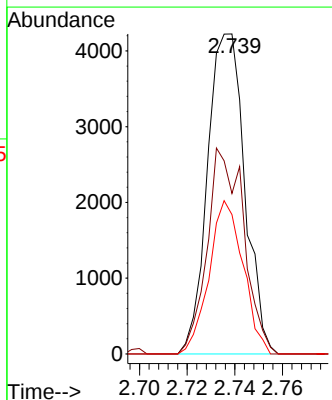
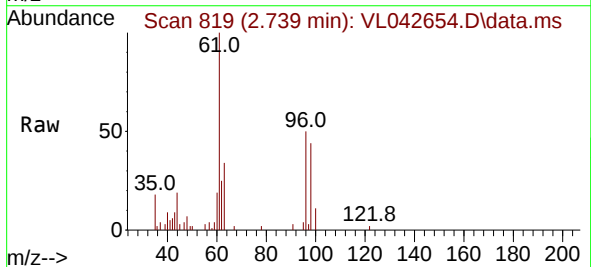
Manual Integrations
APPROVED

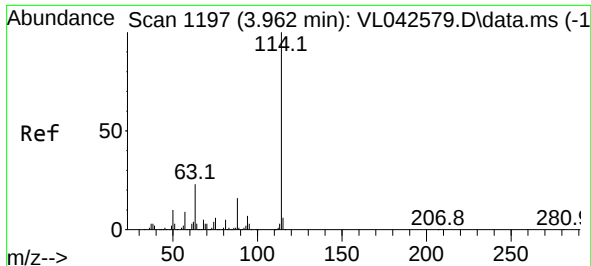
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#31
cis-1,2-Dichloroethene
Concen: 0.302 ppbv
RT: 2.739 min Scan# 819
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

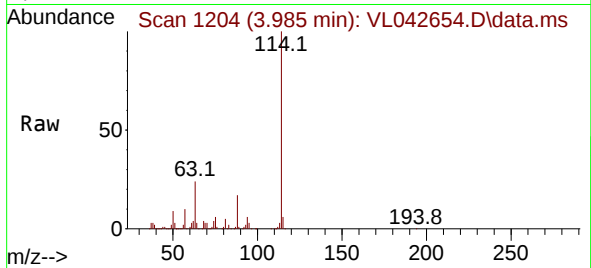
Tgt Ion: 61 Resp: 4593
Ion Ratio Lower Upper
61 100
96 50.1 54.5 81.7#
98 43.5 33.4 50.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.985 min Scan# 1197
Delta R.T. 0.023 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

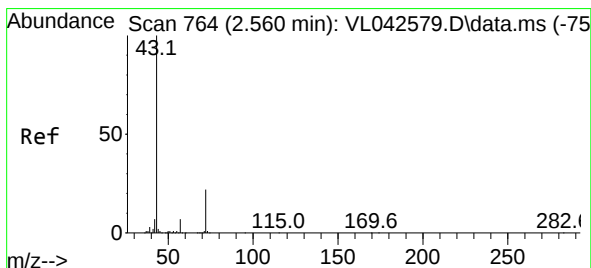
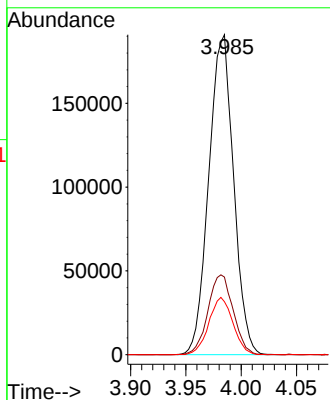
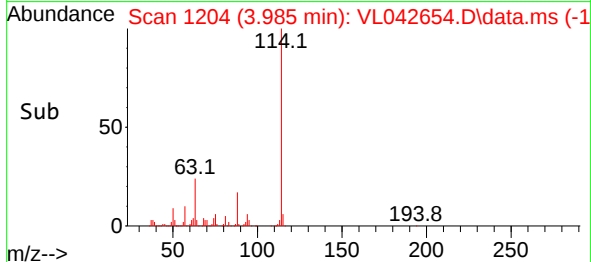
Instrument :
MSVOA_L
ClientSampleId :
IA1



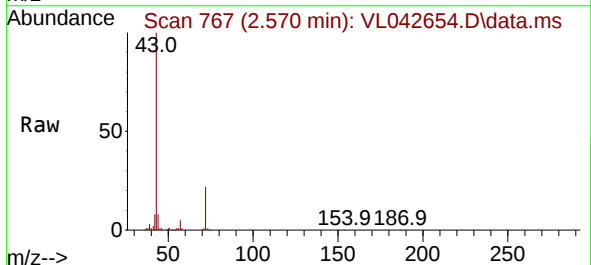
Tgt Ion:114 Resp: 297809
Ion Ratio Lower Upper
114 100
63 25.4 19.0 28.6
88 17.4 13.6 20.4

Manual Integrations
APPROVED

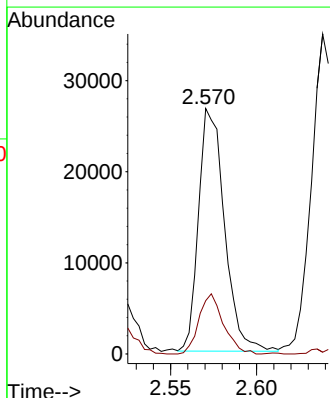
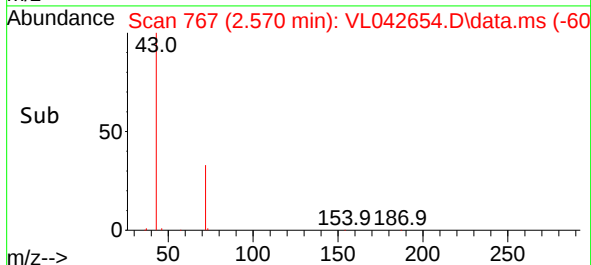
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

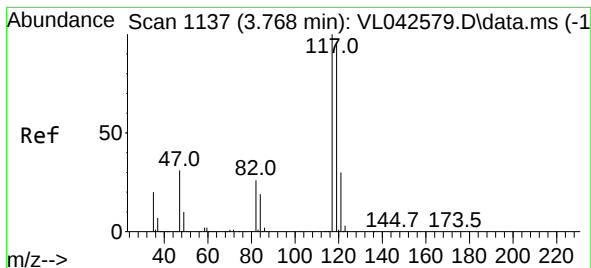


#34
2-Butanone
Concen: 1.317 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36



Tgt Ion: 43 Resp: 27969
Ion Ratio Lower Upper
43 100
72 23.6 17.7 26.5





#35

Carbon Tetrachloride

Concen: 0.087 ppbv m

RT: 3.784 min Scan# 1137

Delta R.T. 0.016 min

Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Instrument :

MSVOA_L

ClientSampleId :

IA1

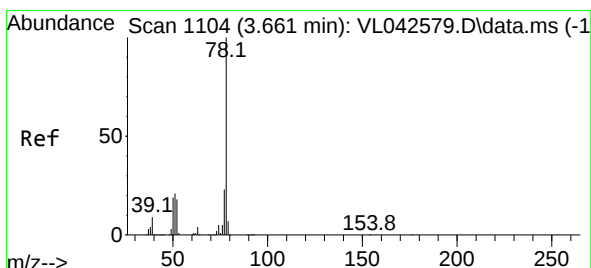
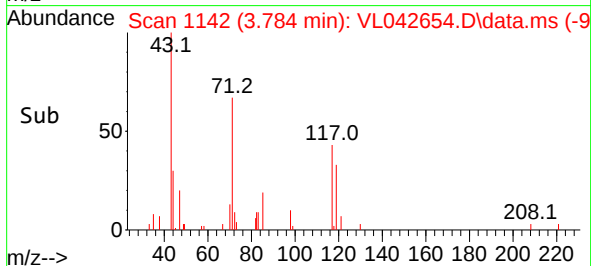
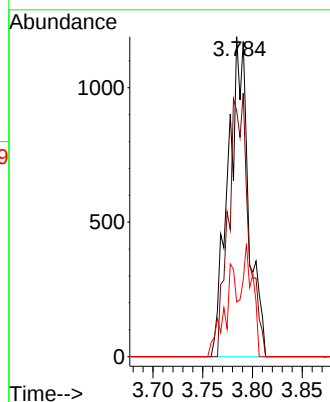
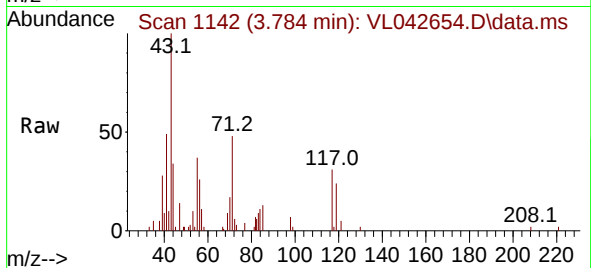
Tgt Ion: 117 Resp: 1700

Ion	Ratio	Lower	Upper
117	100		
119	76.7	76.8	115.2
121	17.1	24.3	36.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#36

Benzene

Concen: 4.951 ppbv

RT: 3.677 min Scan# 1109

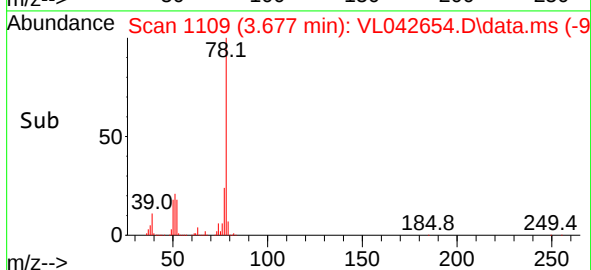
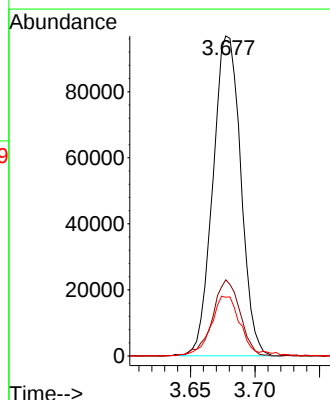
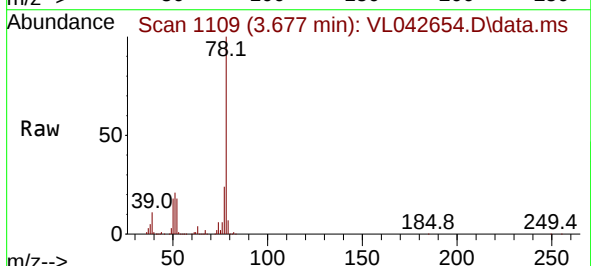
Delta R.T. 0.016 min

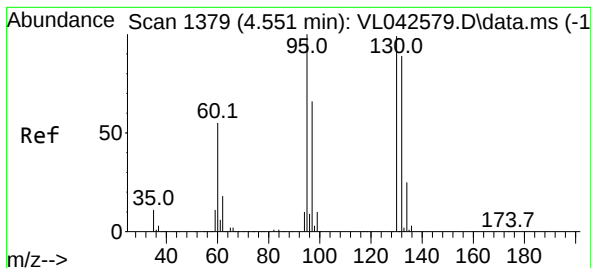
Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Tgt Ion: 78 Resp: 145194

Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.2	27.2
50	18.0	15.2	22.8





#38

Trichloroethene

Concen: 0.225 ppbv m

RT: 4.571 min Scan# 1

Delta R.T. 0.020 min

Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Instrument :

MSVOA_L

ClientSampleId :

IA1

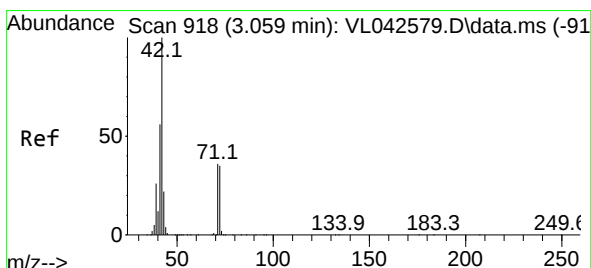
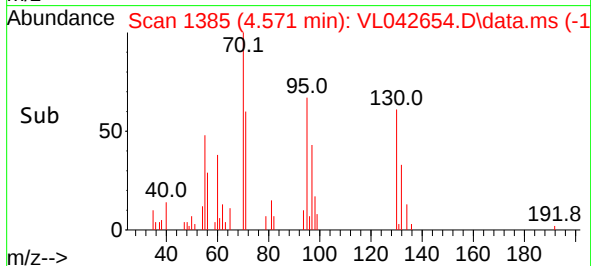
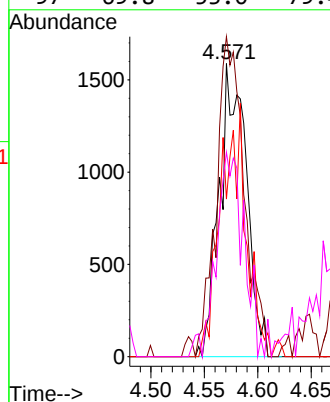
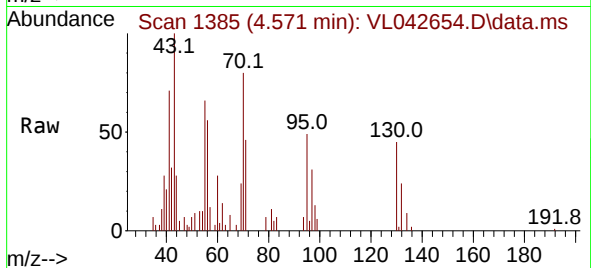
Tgt Ion:130 Resp: 2800

Ion	Ratio	Lower	Upper
130	100		
95	109.2	80.6	121.0
132	53.8	71.8	107.6
97	69.8	53.0	79.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#41

Tetrahydrofuran

Concen: 0.589 ppbv m

RT: 3.075 min Scan# 923

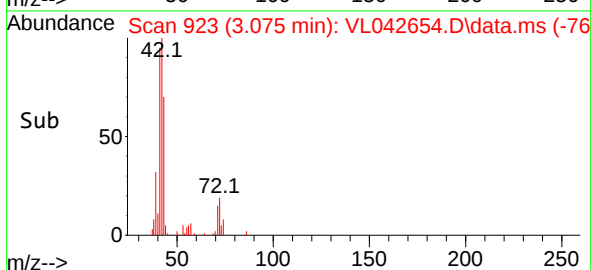
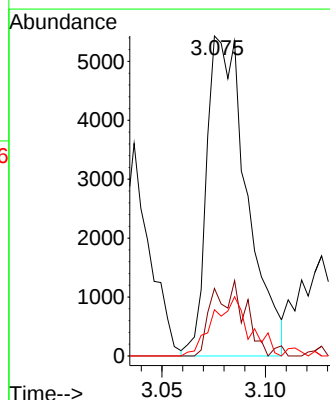
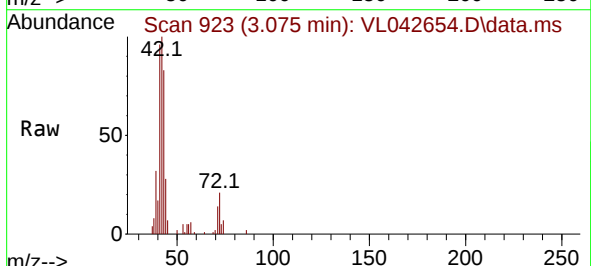
Delta R.T. 0.016 min

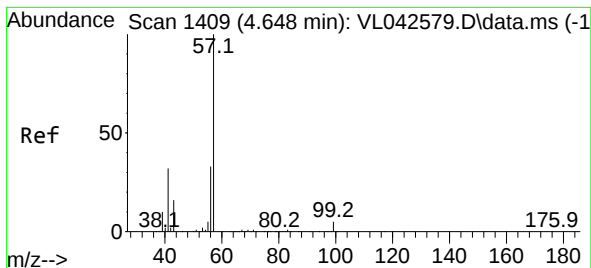
Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Tgt Ion: 42 Resp: 7319

Ion	Ratio	Lower	Upper
42	100		
72	0.0	28.9	43.3#
71	0.0	28.5	42.7#





#44

2,2,4-Trimethylpentane

Concen: 4.037 ppbv

RT: 4.668 min Scan# 1409

Delta R.T. 0.020 min

Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 57 Resp: 202489

Ion Ratio Lower Upper

57 100

41 37.8 26.1 39.1

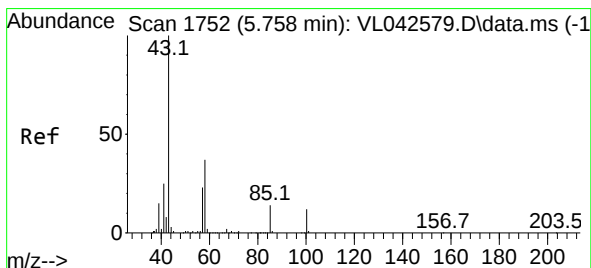
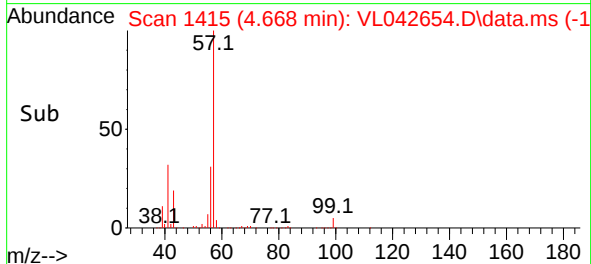
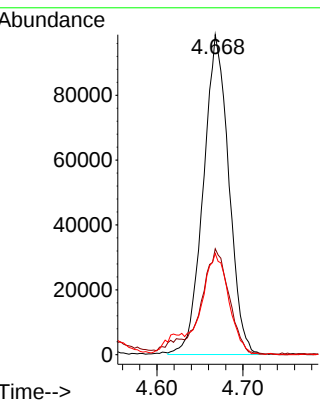
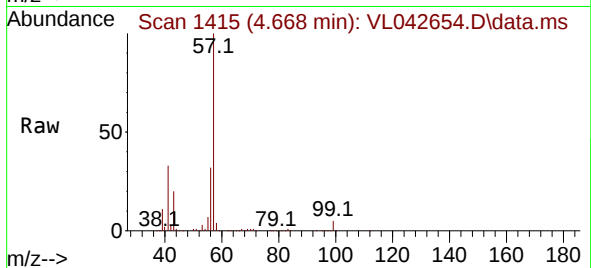
56 38.6 25.9 38.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/23/2025

Supervised By :Mahesh Dadoda 06/23/2025



#50

4-Methyl-2-Pentanone

Concen: 0.560 ppbv m

RT: 5.804 min Scan# 1766

Delta R.T. 0.046 min

Lab File: VL042654.D

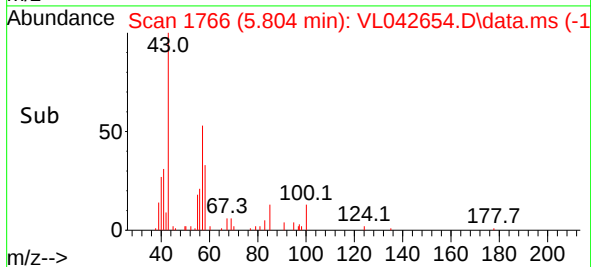
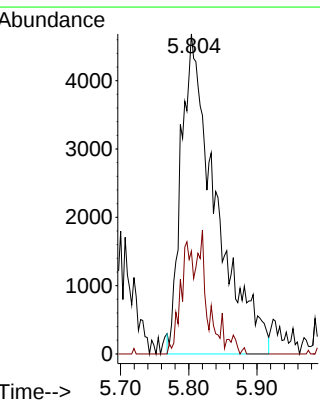
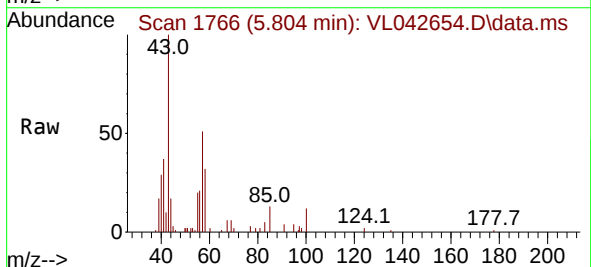
Acq: 19 Jun 2025 14:36

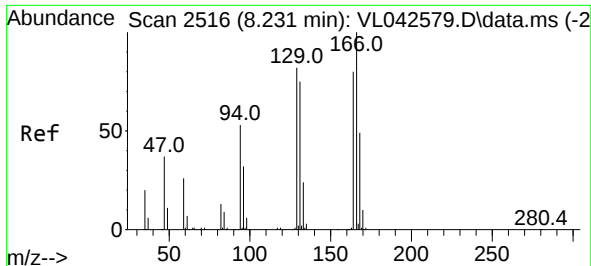
Tgt Ion: 43 Resp: 16487

Ion Ratio Lower Upper

43 100

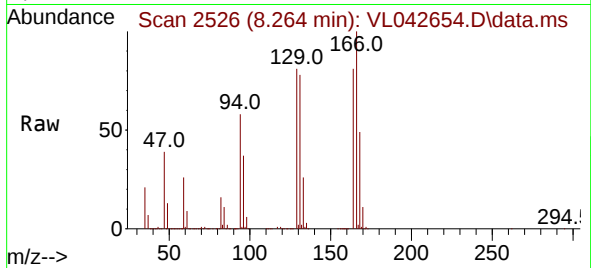
58 0.0 28.3 42.5#





#52
Tetrachloroethene
Concen: 160.426 ppbv
RT: 8.264 min Scan# 2125
Delta R.T. 0.033 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

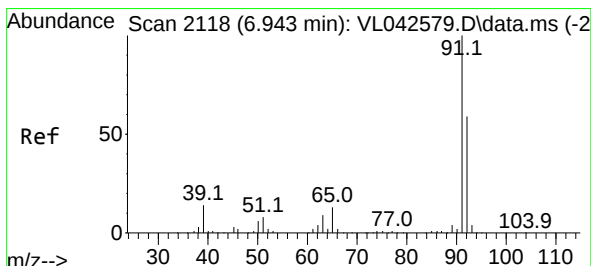
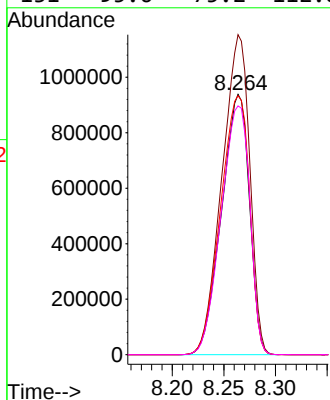
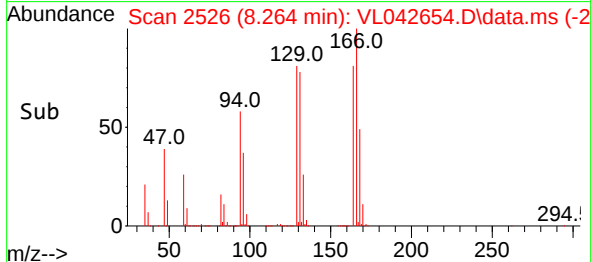
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:164 Resp: 175804
Ion Ratio Lower Upper
164 100
166 122.9 100.0 150.0
129 99.5 82.2 123.4
131 95.6 75.2 112.8

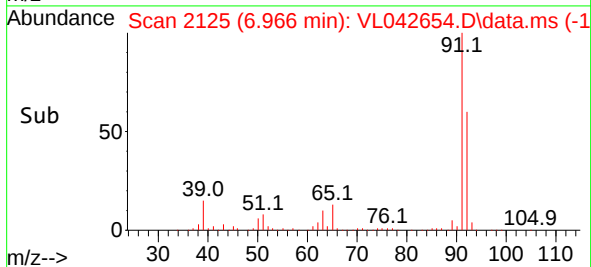
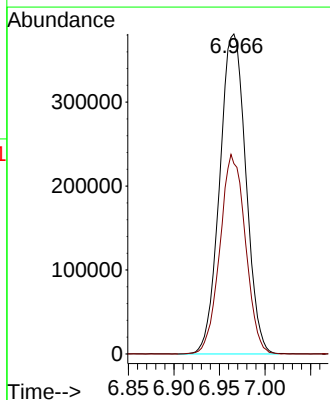
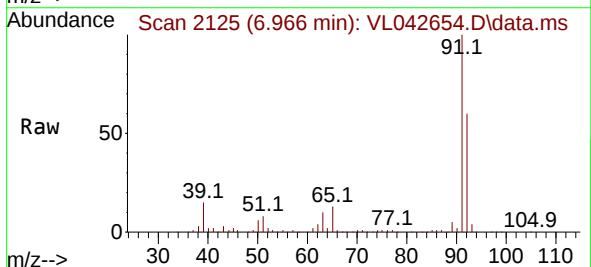
Manual Integrations
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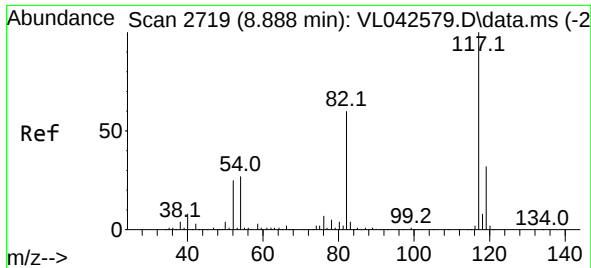
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#53
Toluene
Concen: 22.482 ppbv
RT: 6.966 min Scan# 2125
Delta R.T. 0.023 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Tgt Ion: 91 Resp: 762011
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4





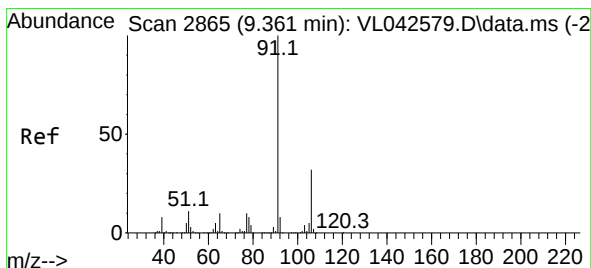
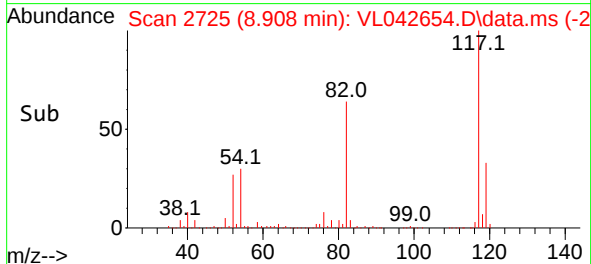
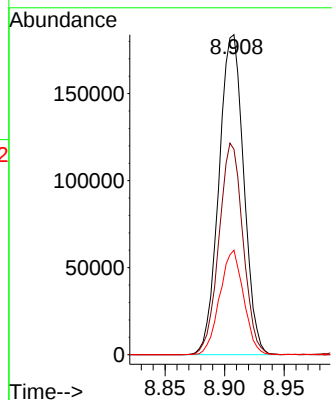
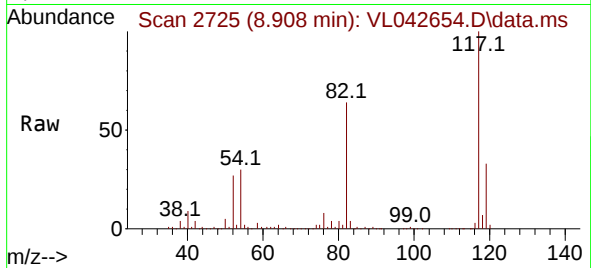
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.908 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:117 Resp: 265680
Ion Ratio Lower Upper
117 100
82 64.3 51.2 76.8
119 31.5 26.3 39.5

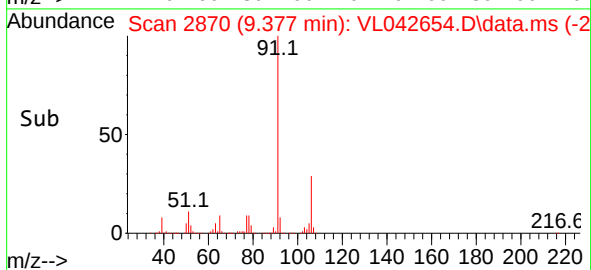
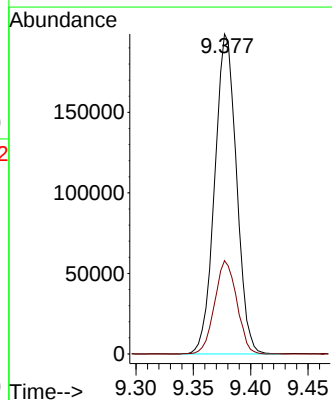
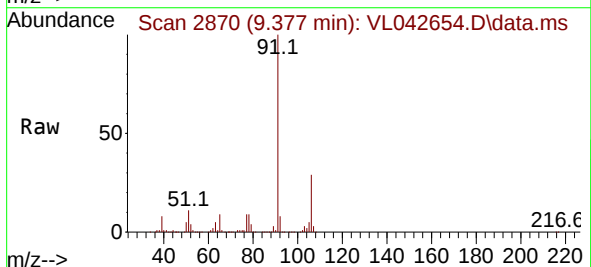
Manual Integrations
APPROVED

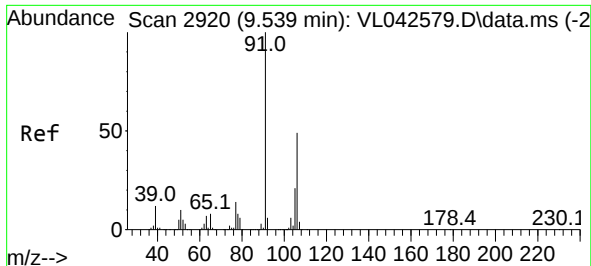
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#58
Ethyl Benzene
Concen: 5.831 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Tgt Ion: 91 Resp: 262805
Ion Ratio Lower Upper
91 100
106 29.2 25.9 38.9





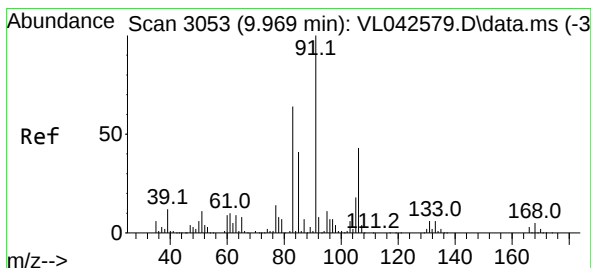
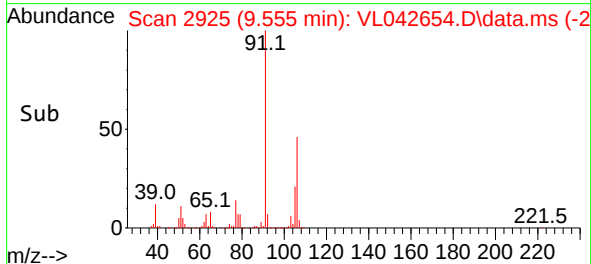
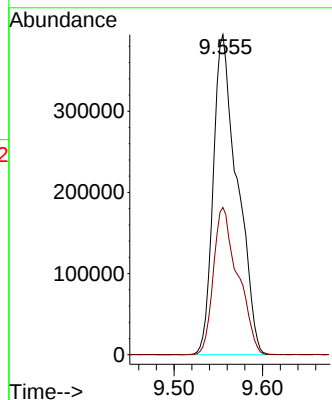
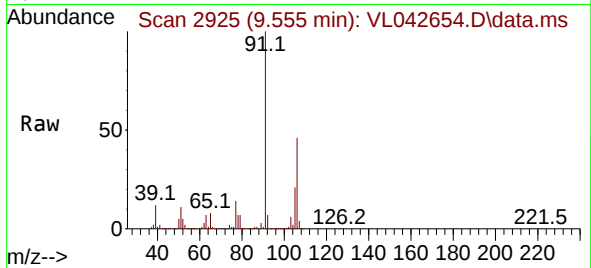
#59
m/p-Xylene
Concen: 21.008 ppbv
RT: 9.555 min Scan# 2925
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 745060
Ion Ratio Lower Upper
91 100
106 46.7 38.8 58.2

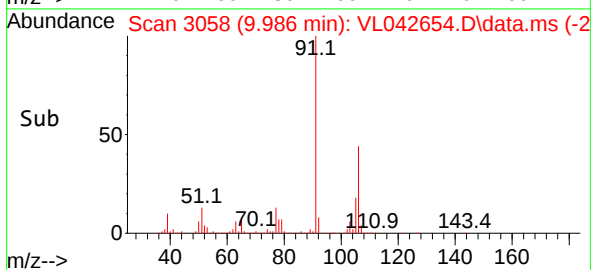
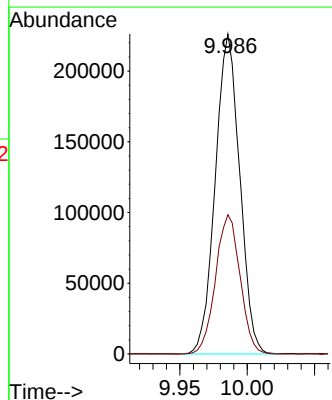
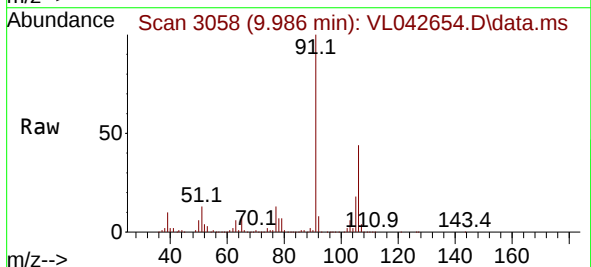
Manual Integrations
APPROVED

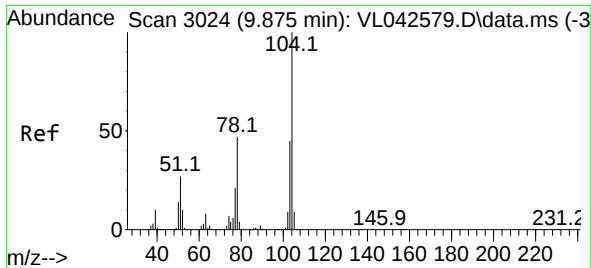
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#60
o-Xylene
Concen: 8.066 ppbv
RT: 9.986 min Scan# 3058
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

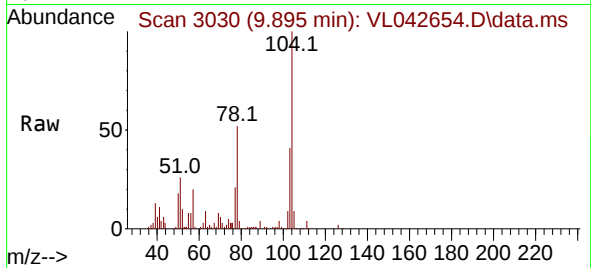
Tgt Ion: 91 Resp: 285317
Ion Ratio Lower Upper
91 100
106 43.6 22.9 68.5





#61
Styrene
Concen: 1.578 ppbv
RT: 9.895 min Scan# 3024
Delta R.T. 0.020 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

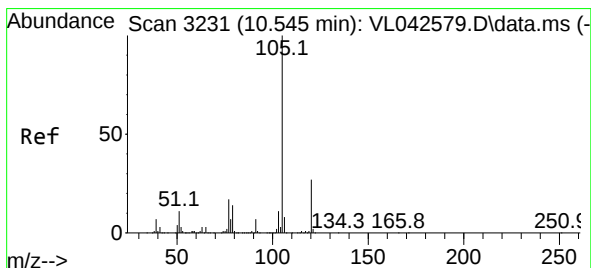
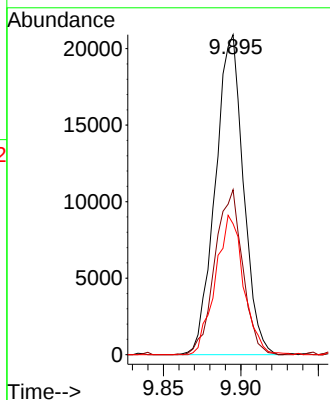
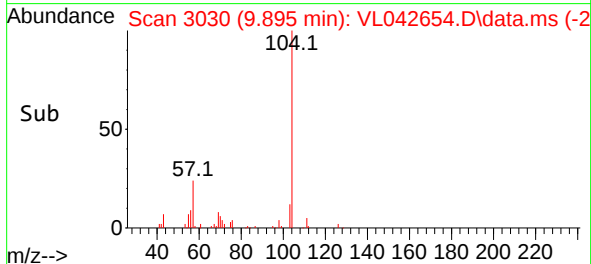
Instrument :
MSVOA_L
ClientSampleId :
IA1



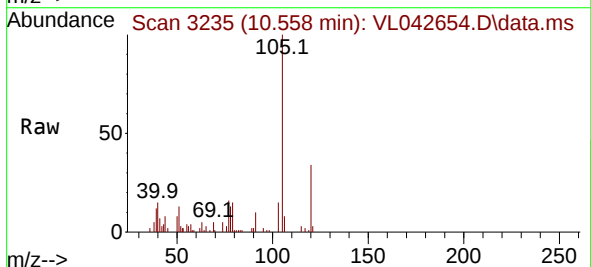
Tgt Ion:104 Resp: 26380
Ion Ratio Lower Upper
104 100
78 50.8 38.2 57.4
103 44.0 36.7 55.1

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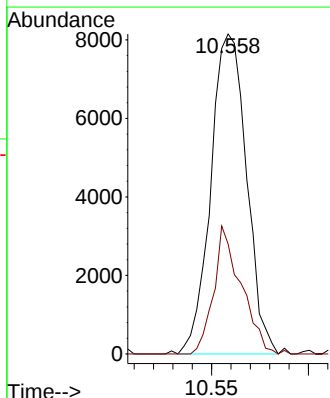
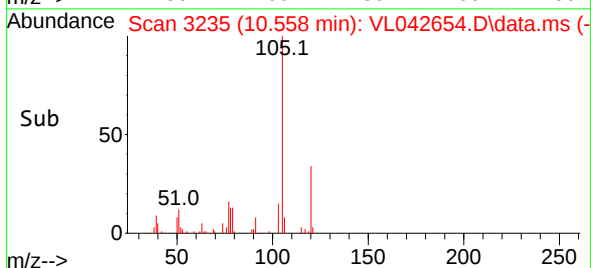
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

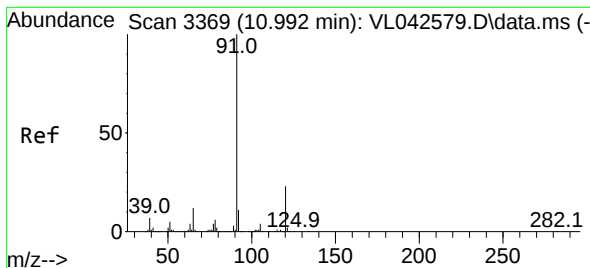


#62
Isopropylbenzene
Concen: 0.200 ppbv
RT: 10.558 min Scan# 3235
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36



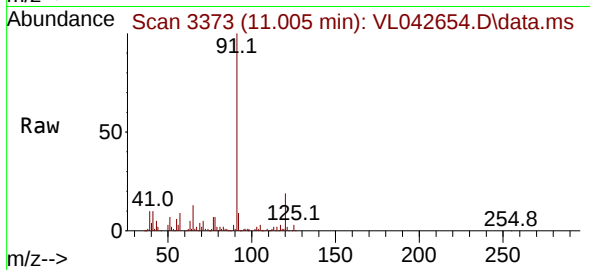
Tgt Ion:105 Resp: 10455
Ion Ratio Lower Upper
105 100
120 30.8 20.9 31.3





#64
n-propylbenzene
Concen: 0.607 ppbv
RT: 11.005 min Scan# 3185
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

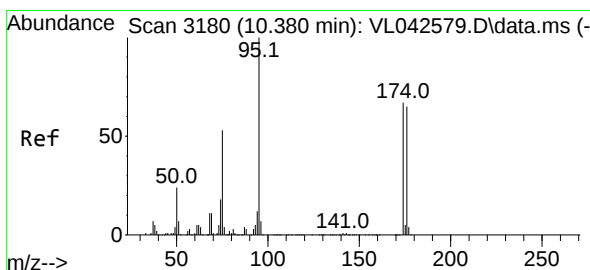
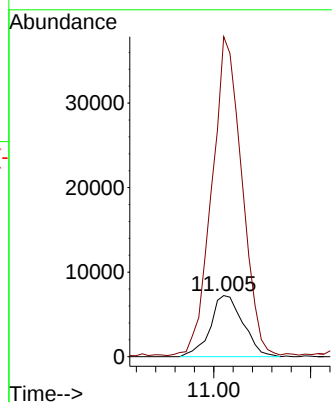
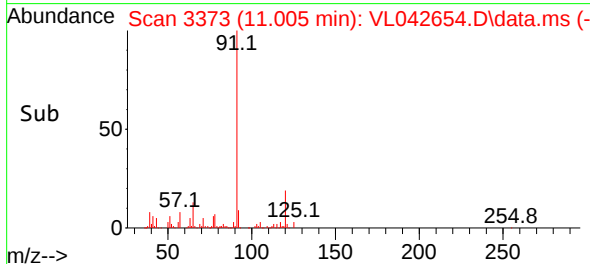
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:120 Resp: 8498
Ion Ratio Lower Upper
120 100
91 477.2 363.0 544.6

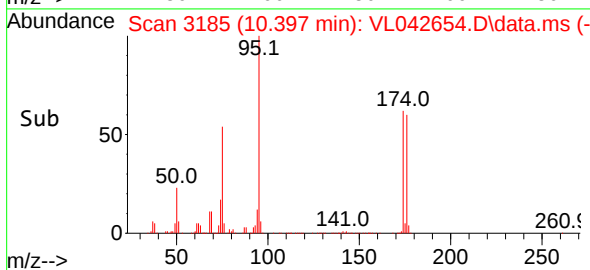
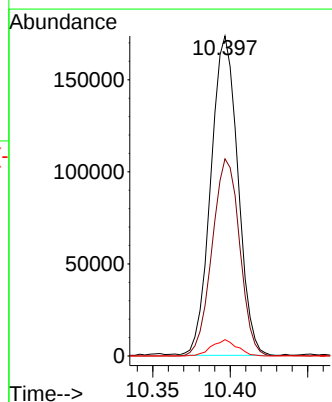
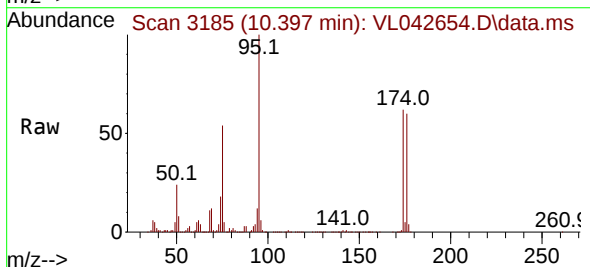
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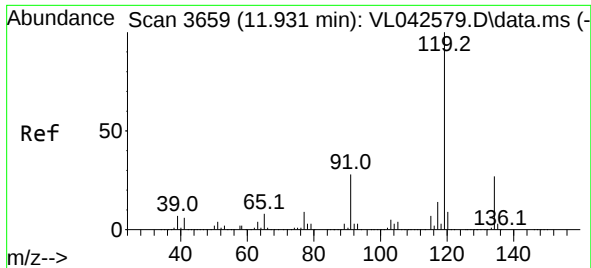
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.555 ppbv
RT: 10.397 min Scan# 3185
Delta R.T. 0.016 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Tgt Ion: 95 Resp: 210213
Ion Ratio Lower Upper
95 100
174 63.0 53.1 79.7
175 4.8 4.2 6.2





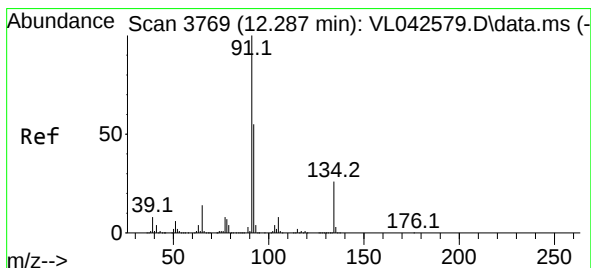
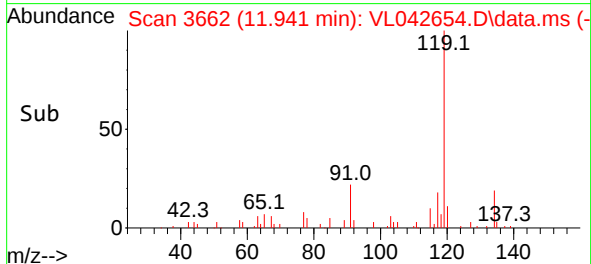
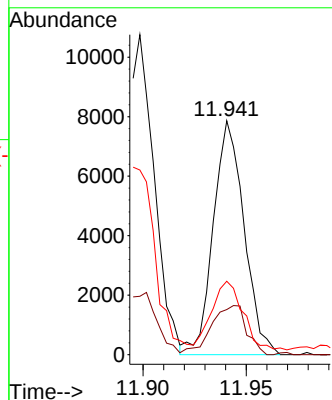
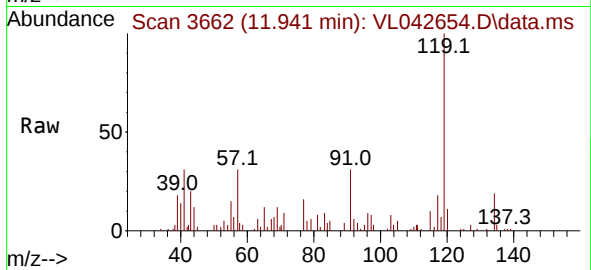
#69
p-Isopropyltoluene
Concen: 0.146 ppbv
RT: 11.941 min Scan# 3065
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:119 Resp: 816
Ion Ratio Lower Upper
119 100
134 23.9 21.1 31.7
91 30.1 21.9 32.9

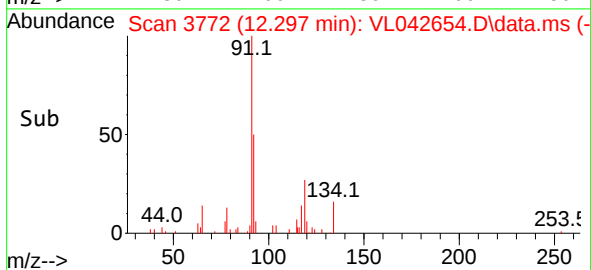
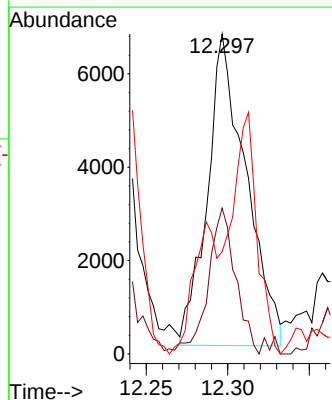
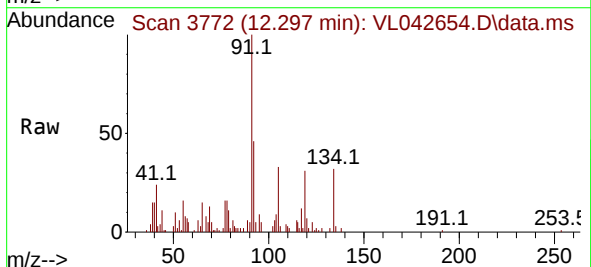
Manual Integrations
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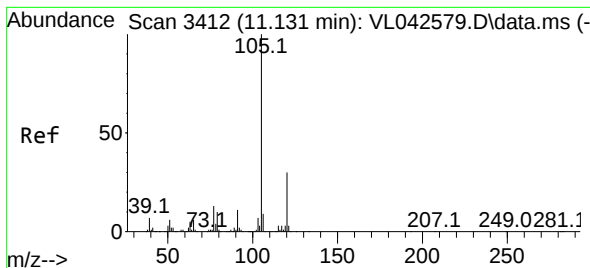
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#70
n-Butylbenzene
Concen: 0.199 ppbv
RT: 12.297 min Scan# 3772
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

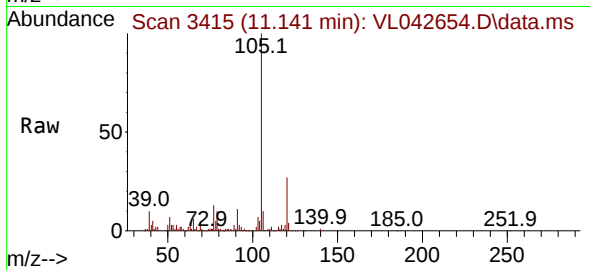
Tgt Ion: 91 Resp: 10981
Ion Ratio Lower Upper
91 100
92 34.8 44.4 66.6#
134 80.3 20.1 30.1#





#72
4-Ethyltoluene
Concen: 1.026 ppbv
RT: 11.141 min Scan# 3412
Delta R.T. 0.010 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

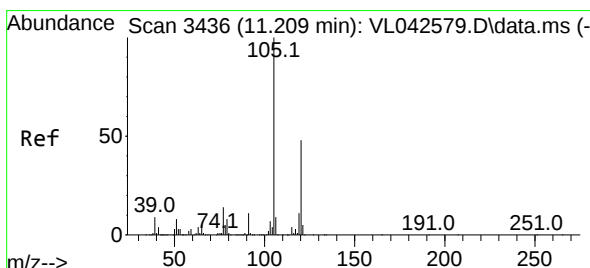
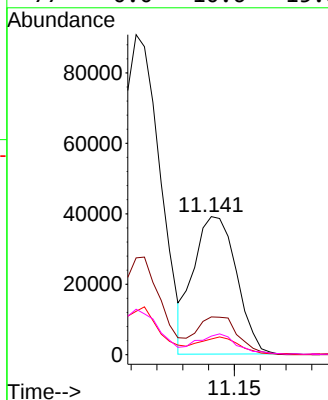
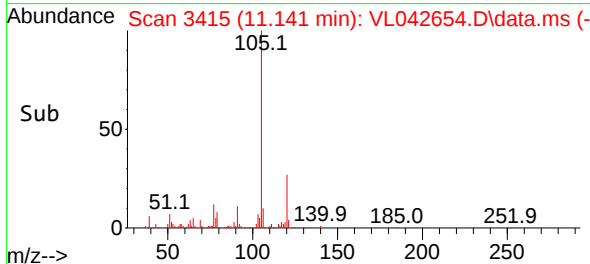
Instrument :
MSVOA_L
ClientSampleId :
IA1



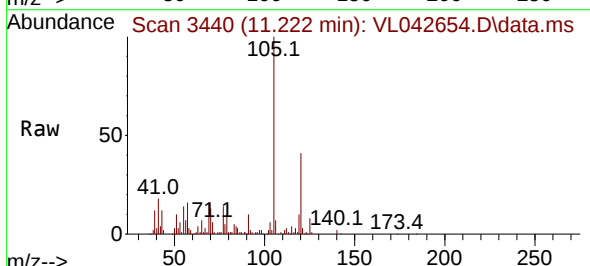
Tgt Ion:105 Resp: 45232
Ion Ratio Lower Upper
105 100
120 0.0 24.6 36.8
91 0.0 9.6 14.4
77 0.0 10.6 15.8

Manual Integrations
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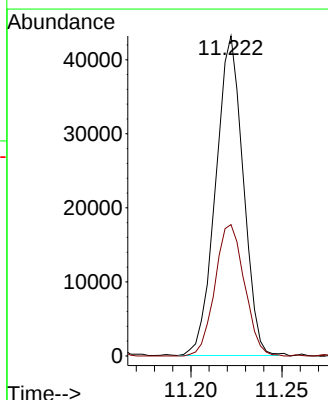
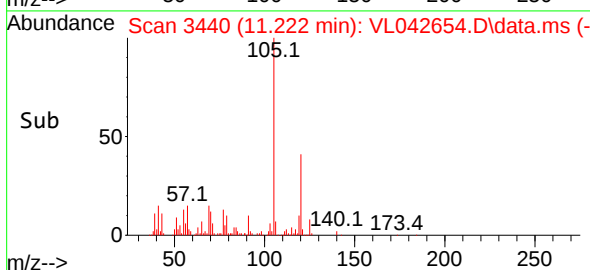
Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

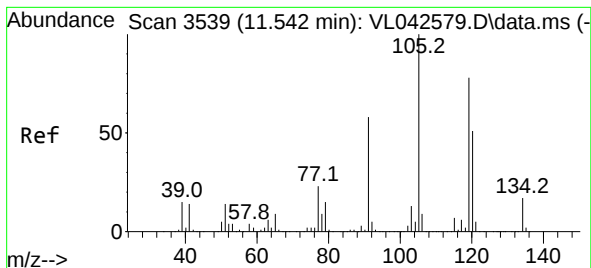


#73
1,3,5-Trimethylbenzene
Concen: 1.237 ppbv
RT: 11.222 min Scan# 3440
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36



Tgt Ion:105 Resp: 45144
Ion Ratio Lower Upper
105 100
120 41.1 38.8 58.2





#74

1,2,4-Trimethylbenzene

Concen: 3.908 ppbv

RT: 11.552 min Scan# 3542

Delta R.T. 0.010 min

Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

Instrument :

MSVOA_L

ClientSampleId :

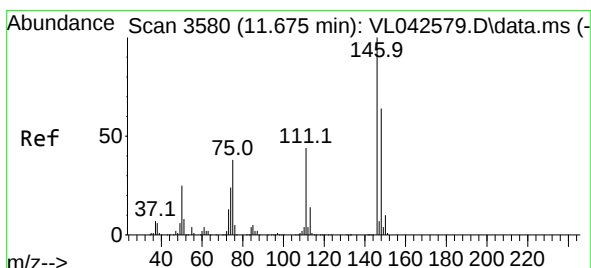
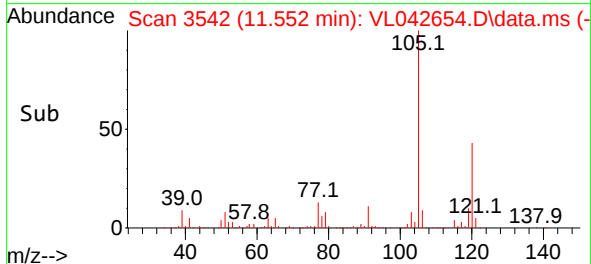
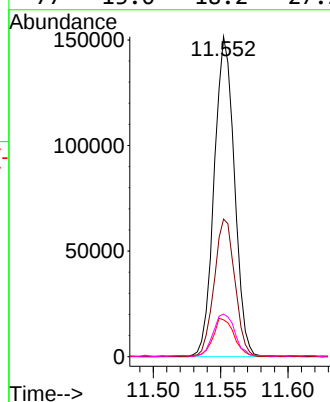
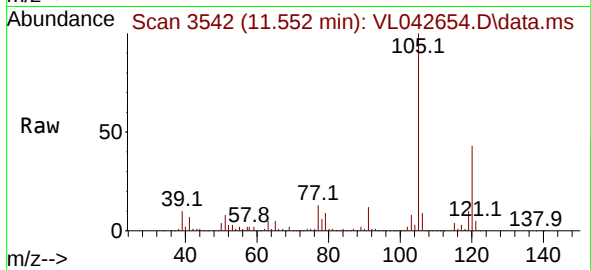
IA1

Tgt Ion:	105	Resp:	15830
Ion Ratio	Lower	Upper	
105	100		
120	43.0	40.8	61.2
91	11.4	46.8	70.2
77	13.0	18.2	27.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025



#76

1,4-Dichlorobenzene

Concen: 4.883 ppbv

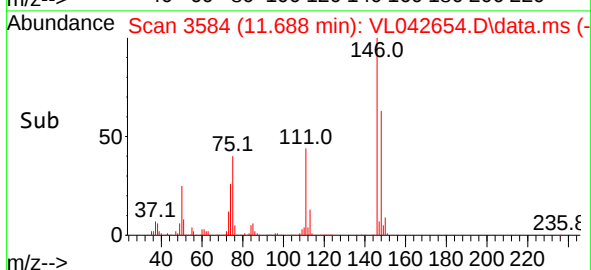
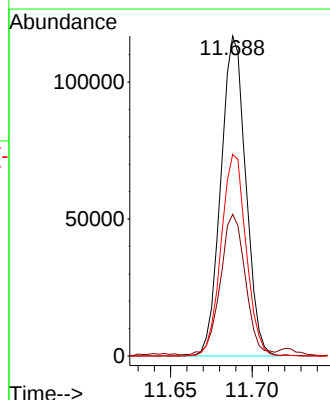
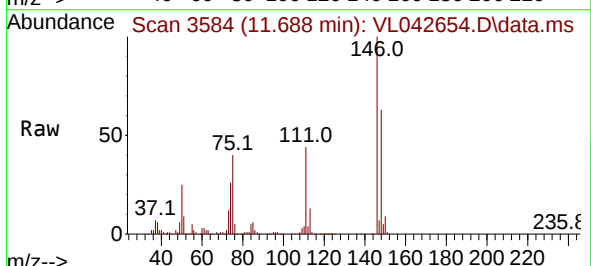
RT: 11.688 min Scan# 3584

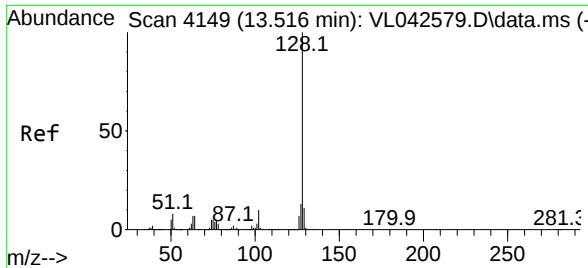
Delta R.T. 0.013 min

Lab File: VL042654.D

Acq: 19 Jun 2025 14:36

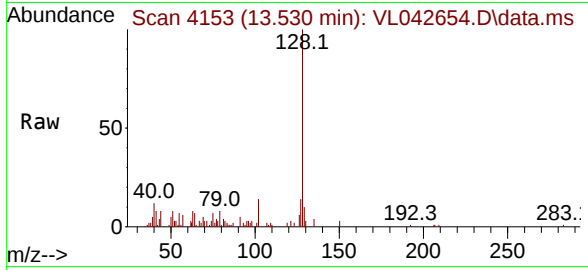
Tgt Ion:	146	Resp:	123874
Ion Ratio	Lower	Upper	
146	100		
111	47.4	21.6	64.8
148	63.4	32.1	96.5





#79
Naphthalene
Concen: 0.242 ppbv
RT: 13.530 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL042654.D
Acq: 19 Jun 2025 14:36

Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:128 Resp: 9254
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 9.7 8.8 13.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

