

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042362.D
 Acq On : 17 Apr 2025 17:51
 Operator : SY/MD
 Sample : Q1668-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-4-3252025DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 02:39:37 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	122226	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	344143	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	303859	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	251359	10.067	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	9771	0.452	ppbv	92
3) Chlorodifluoromethane	1.476	51	5731m	0.279	ppbv	
4) Chloromethane	1.534	50	4015	0.470	ppbv	99
9) Propene	1.486	41	5149	0.550	ppbv	92
10) Heptane	4.981	43	50613	1.924	ppbv	99
11) Trichlorofluoromethane	1.877	101	4655	0.227	ppbv	97
13) Ethanol	1.722	45	362837	243.762	ppbv	75
15) Acetone	1.835	43	104810	5.238	ppbv	94
19) Isopropyl Alcohol	1.887	45	25172	2.265	ppbv #	6
20) Methylene Chloride	2.062	84	21791	2.781	ppbv	98
26) Hexane	2.826	57	56908	2.850	ppbv #	34
27) Carbon Disulfide	2.149	76	12830	0.600	ppbv #	1
30) Cyclohexane	3.861	84	54578	3.382	ppbv	100
34) 2-Butanone	2.560	43	18869	0.693	ppbv	96
35) Carbon Tetrachloride	3.764	117	2628m	0.084	ppbv	
36) Benzene	3.654	78	19730	0.532	ppbv #	91
44) 2,2,4-Trimethylpentane	4.645	57	11077m	0.173	ppbv	
50) 4-Methyl-2-Pentanone	5.755	43	876965	19.389	ppbv	99
52) Tetrachloroethene	8.224	164	574m	0.040	ppbv	
53) Toluene	6.936	91	69352	1.557	ppbv	99
58) Ethyl Benzene	9.354	91	57094	0.948	ppbv	99
59) m/p-Xylene	9.532	91	448533	9.248	ppbv	100
60) o-Xylene	9.966	91	96845	1.983	ppbv	100
61) Styrene	9.872	104	37632	1.614	ppbv	98
62) Isopropylbenzene	10.539	105	10762	0.150	ppbv	97
64) n-propylbenzene	10.989	120	9965	0.553	ppbv	95
69) p-Isopropyltoluene	11.927	119	12725	0.160	ppbv	93
70) n-Butylbenzene	12.283	91	29311	0.353	ppbv #	44
72) 4-Ethyltoluene	11.124	105	64934	1.088	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.205	105	70431	1.336	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	242011	3.931	ppbv #	61
79) Naphthalene	13.513	128	46070	0.626	ppbv #	96
80) Naphthalene,2-methyl-	14.458	142	10505m	0.250	ppbv	

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

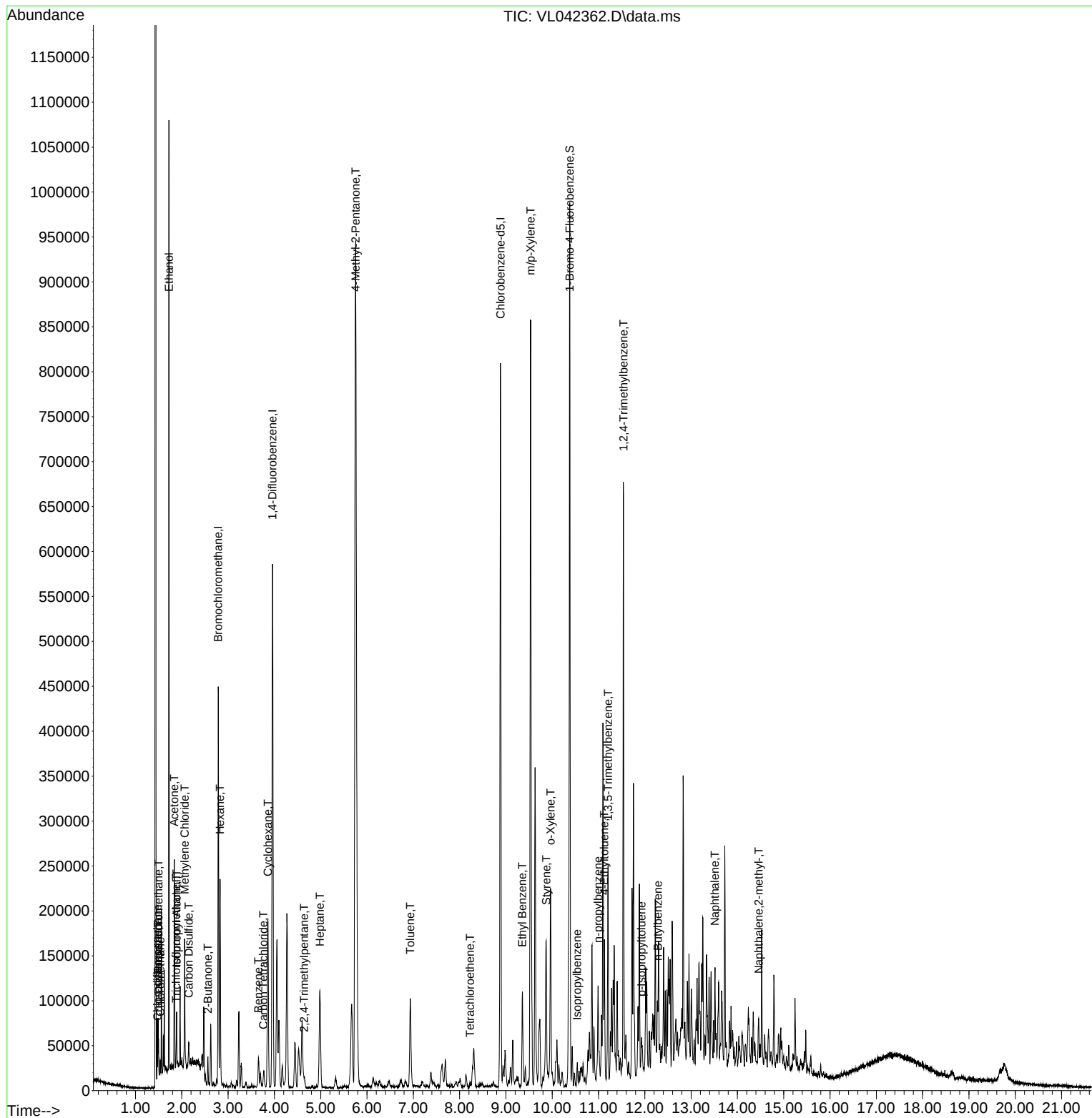
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
Data File : VL042362.D
Acq On : 17 Apr 2025 17:51
Operator : SY/MD
Sample : Q1668-01DUP
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

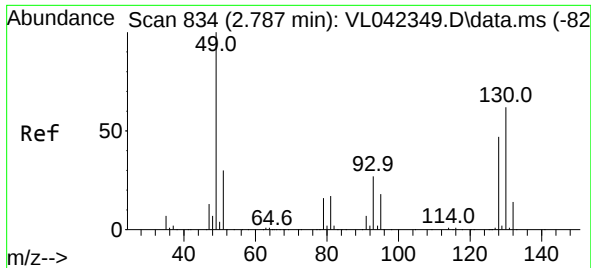
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP

Quant Time: Apr 18 02:39:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Apr 18 02:14:00 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

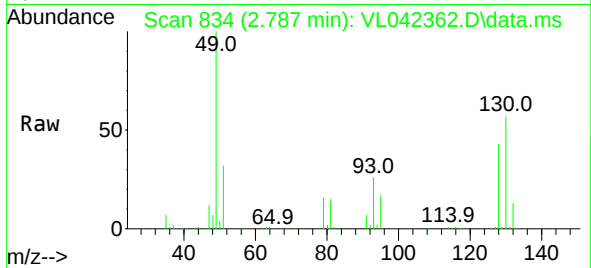
Reviewed By : Semsettin Yesilyurt 04/18/2025
Supervised By : Mahesh Dadoda 04/18/2025





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

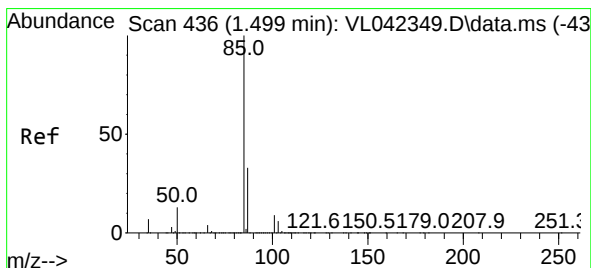
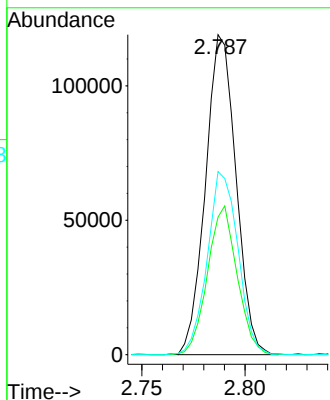
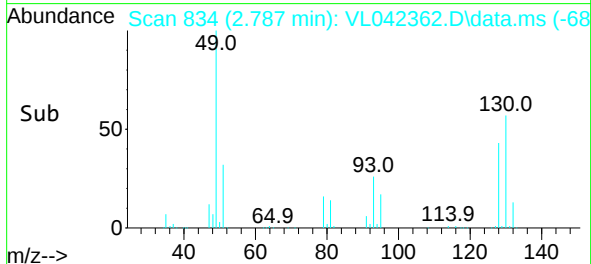
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion: 49 Resp: 122220
Ion Ratio Lower Upper
49 100
128 45.2 22.8 68.4
130 57.7 29.3 88.0

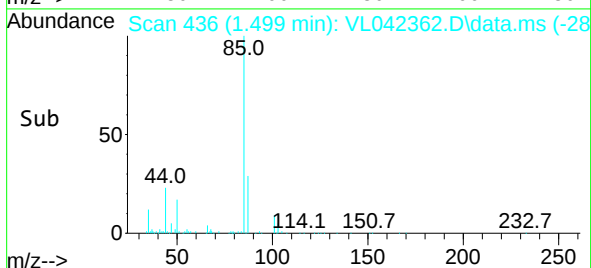
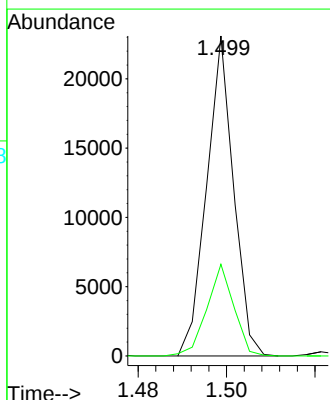
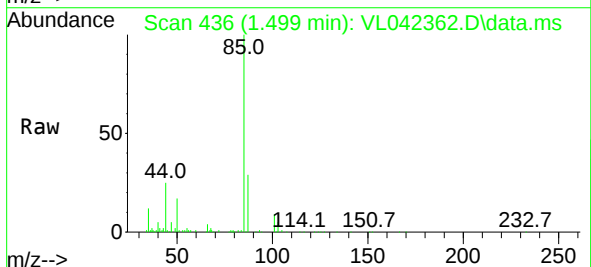
Manual Integrations
APPROVED

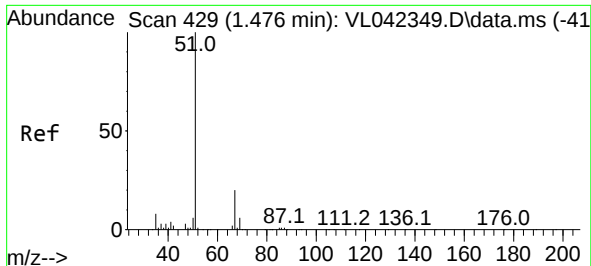
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#2
Dichlorodifluoromethane
Concen: 0.452 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

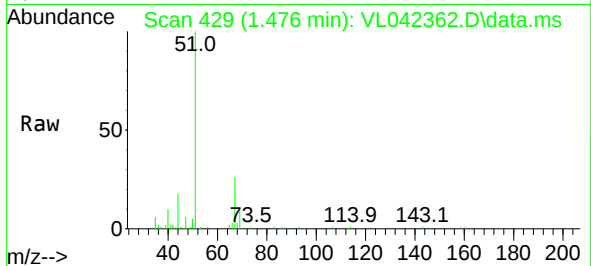
Tgt Ion: 85 Resp: 9771
Ion Ratio Lower Upper
85 100
87 28.7 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.279 ppbv m
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

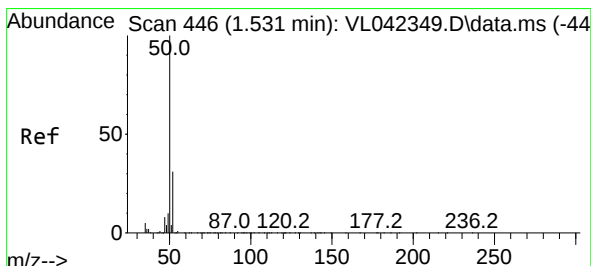
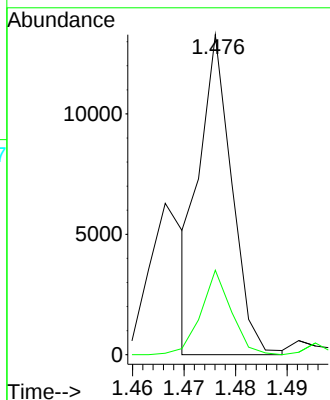
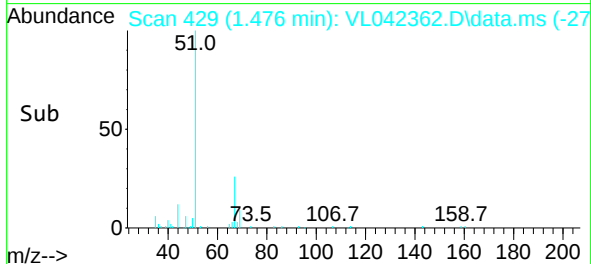
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion: 51 Resp: 573
Ion Ratio Lower Upper
51 100
67 28.1 16.2 24.4

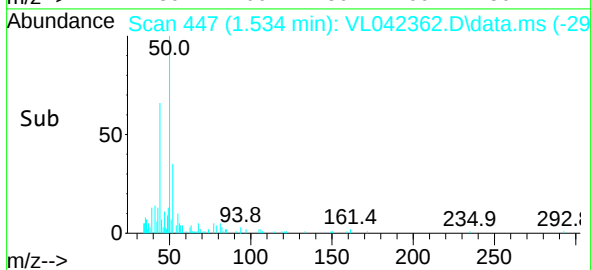
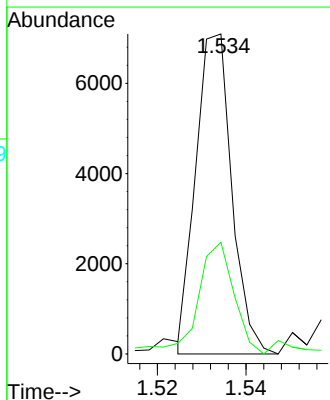
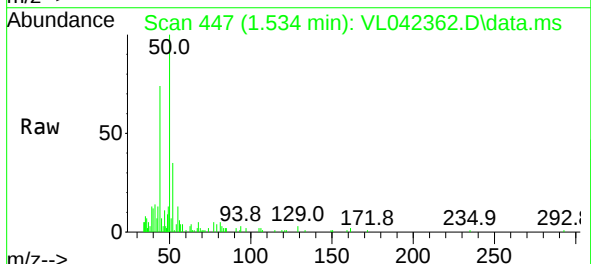
Manual Integrations
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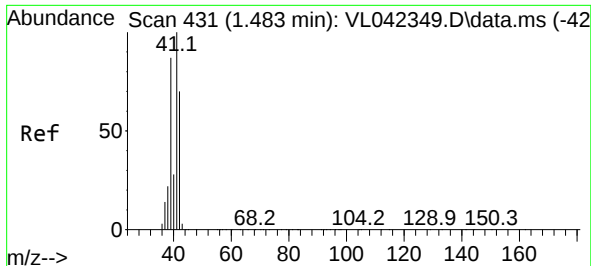
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#4
Chloromethane
Concen: 0.470 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

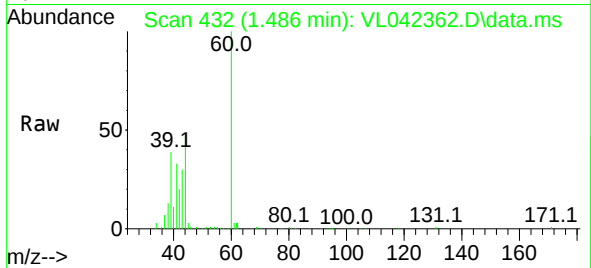
Tgt Ion: 50 Resp: 4015
Ion Ratio Lower Upper
50 100
52 31.6 24.7 37.1





#9
 Propene
 Concen: 0.550 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042362.D
 Acq: 17 Apr 2025 17:51

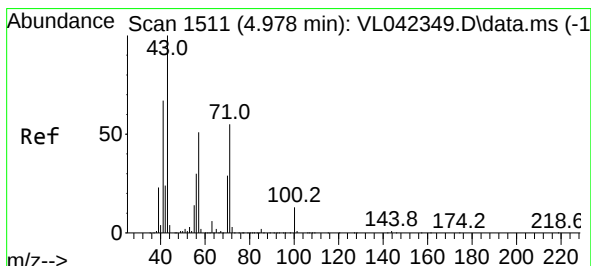
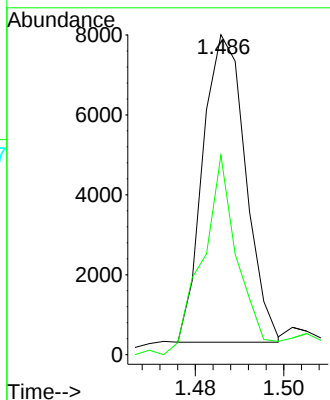
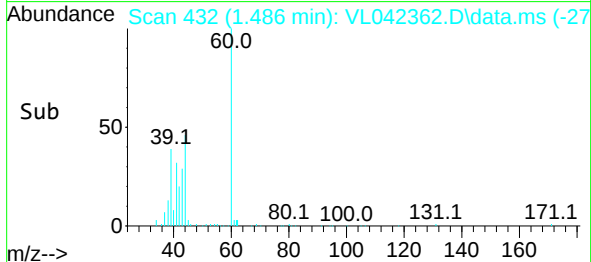
Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-4-3252025DUP



Tgt Ion: 41 Resp: 5149
 Ion Ratio Lower Upper
 41 100
 42 63.7 56.2 84.4

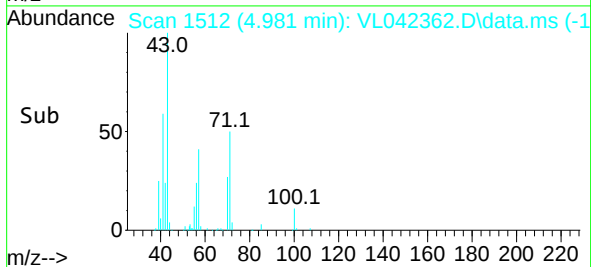
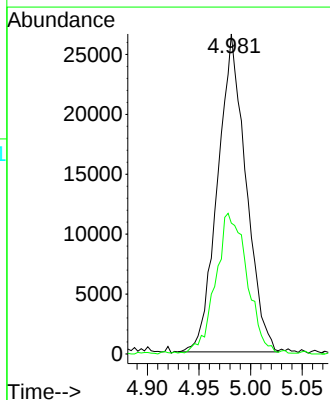
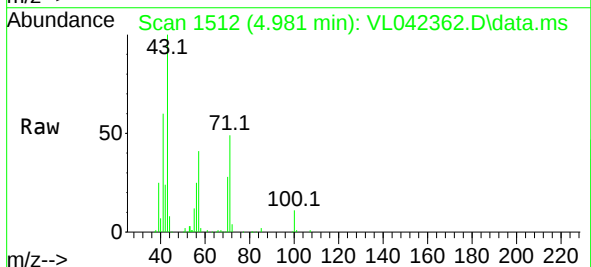
Manual Integrations
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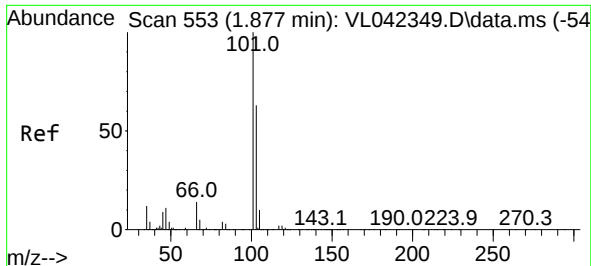
Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025



#10
 Heptane
 Concen: 1.924 ppbv
 RT: 4.981 min Scan# 1512
 Delta R.T. 0.003 min
 Lab File: VL042362.D
 Acq: 17 Apr 2025 17:51

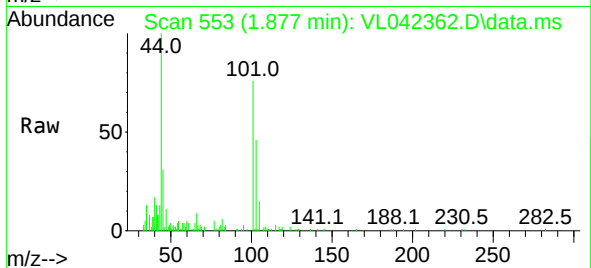
Tgt Ion: 43 Resp: 50613
 Ion Ratio Lower Upper
 43 100
 57 50.3 39.9 59.9





#11
Trichlorofluoromethane
Concen: 0.227 ppbv
RT: 1.877 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

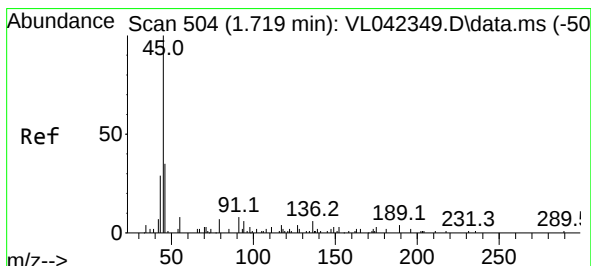
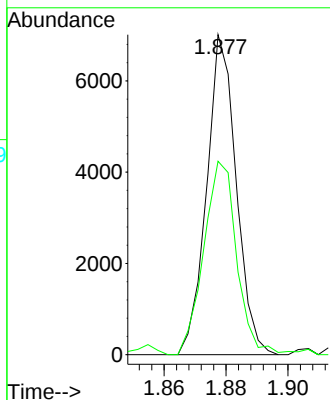
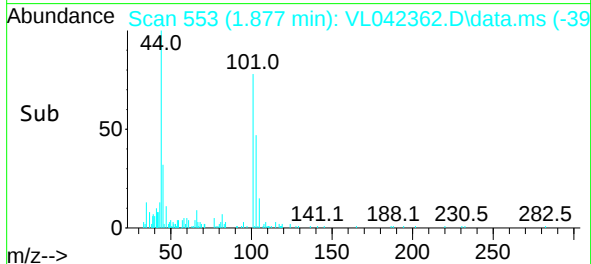
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



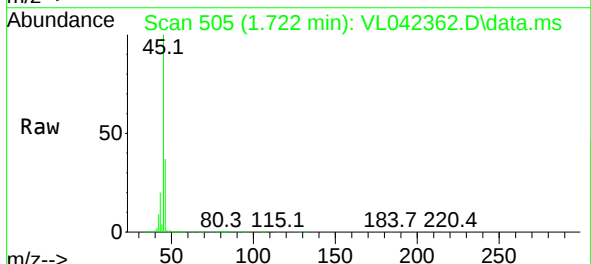
Tgt Ion:101 Resp: 4658
Ion Ratio Lower Upper
101 100
103 60.4 50.1 75.1

Manual Integrations
APPROVED

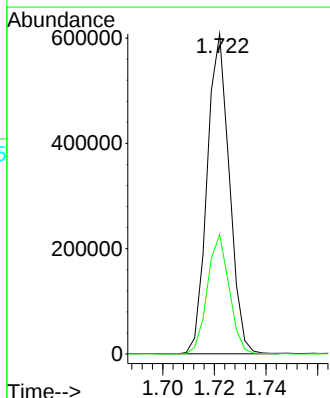
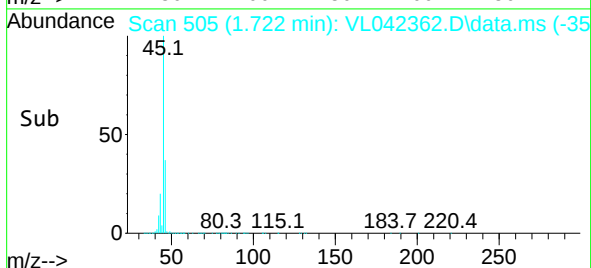
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

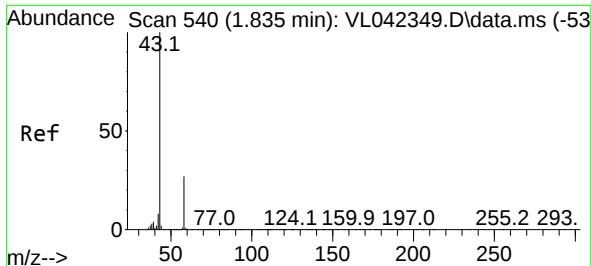


#13
Ethanol
Concen: 243.762 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51



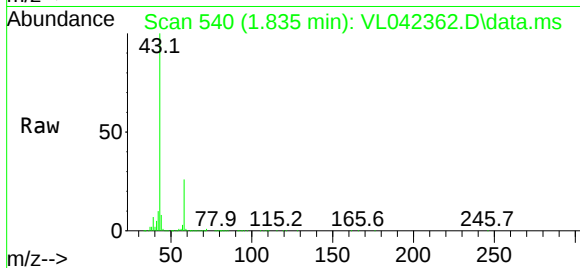
Tgt Ion: 45 Resp: 362837
Ion Ratio Lower Upper
45 100
46 36.8 21.9 87.7





#15
Acetone
Concen: 5.238 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

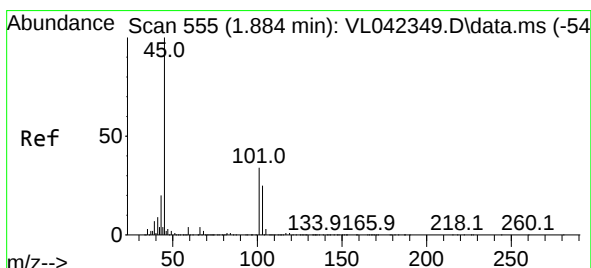
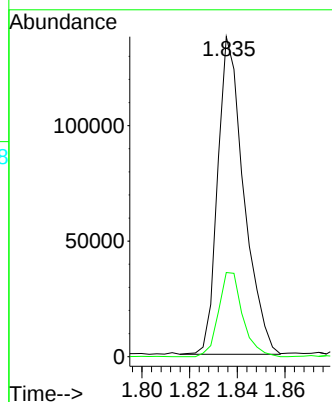
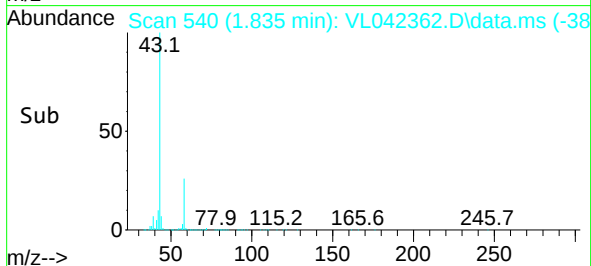
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025DUP



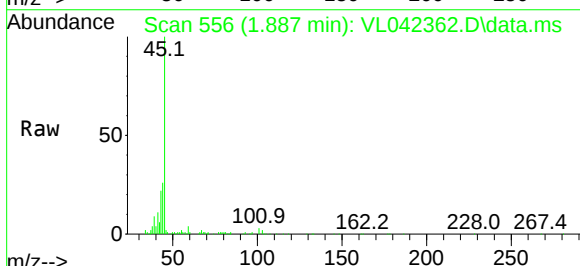
Tgt Ion: 43 Resp: 104810
Ion Ratio Lower Upper
43 100
58 24.9 22.4 33.6

Manual Integrations
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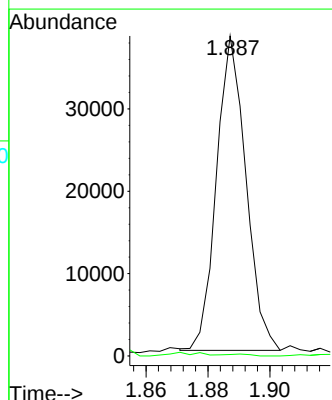
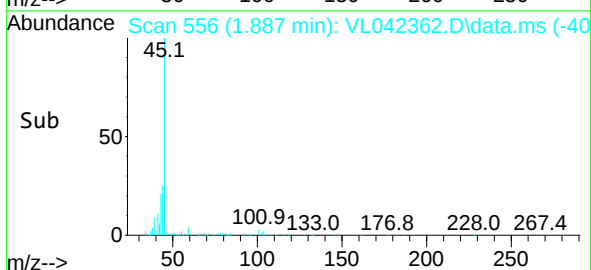
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

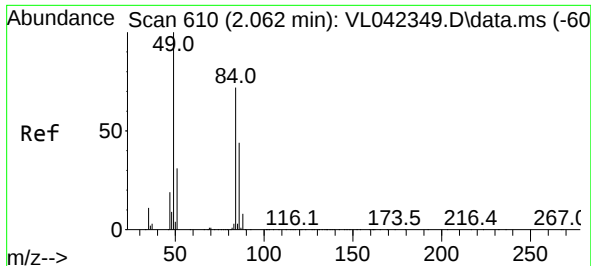


#19
Isopropyl Alcohol
Concen: 2.265 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51



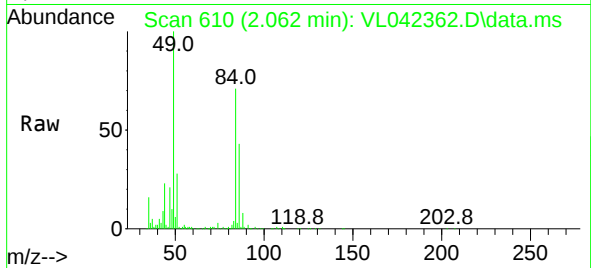
Tgt Ion: 45 Resp: 25172
Ion Ratio Lower Upper
45 100
58 103.6 34.5 51.7#





#20
Methylene Chloride
Concen: 2.781 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

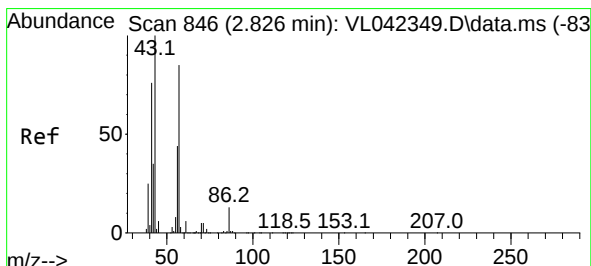
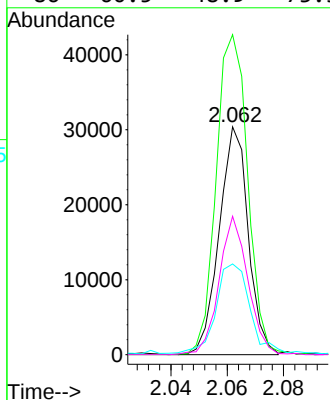
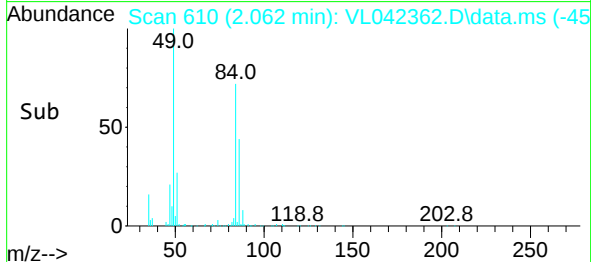
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion: 84 Resp: 2179
Ion Ratio Lower Upper
84 100
49 140.1 111.6 167.4
51 39.0 35.1 52.7
86 60.5 48.9 73.3

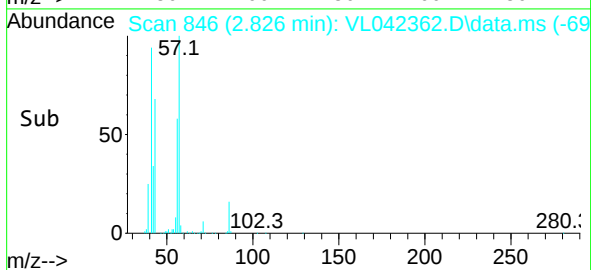
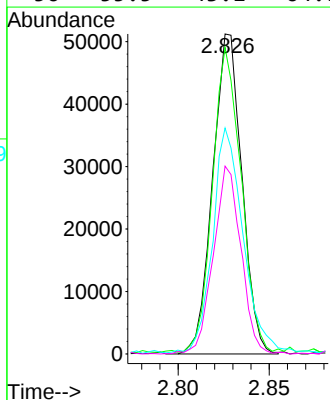
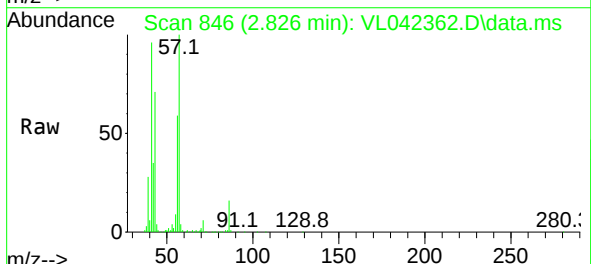
Manual Integrations
APPROVED

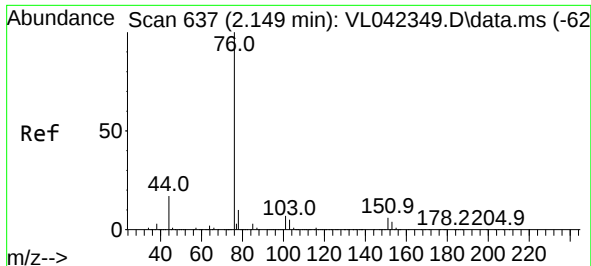
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#26
Hexane
Concen: 2.850 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

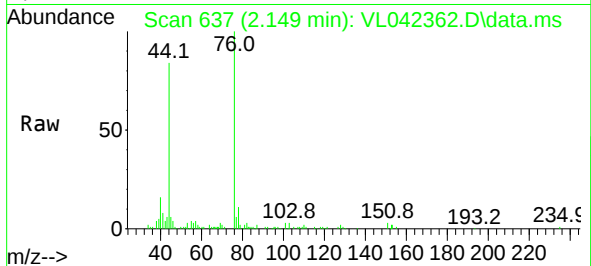
Tgt Ion: 57 Resp: 56908
Ion Ratio Lower Upper
57 100
41 95.3 77.9 116.9
43 75.0 208.4 312.6#
56 55.5 43.1 64.7





#27
Carbon Disulfide
Concen: 0.600 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

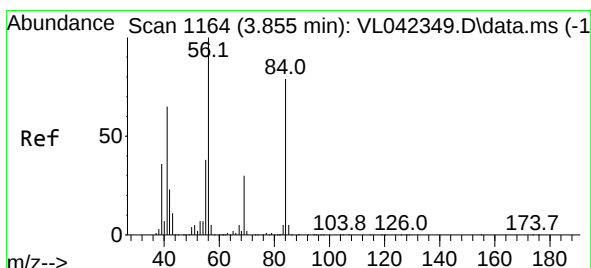
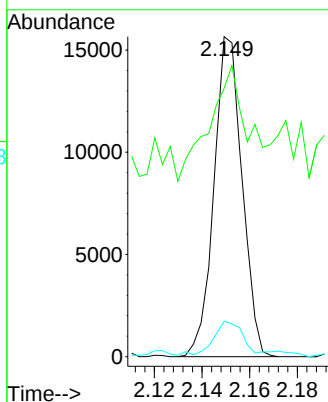
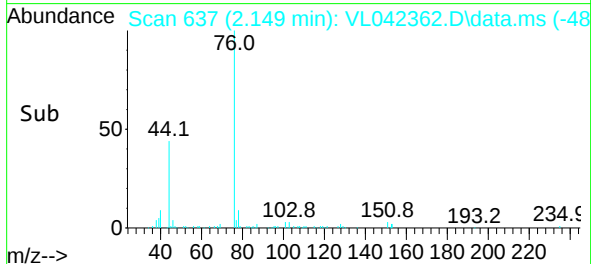
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion: 76 Resp: 12830
Ion Ratio Lower Upper
76 100
44 218.5 15.5 23.3
78 15.2 9.3 13.9

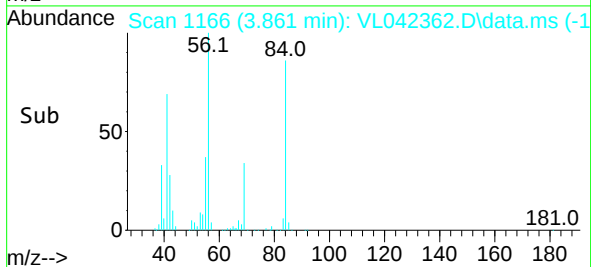
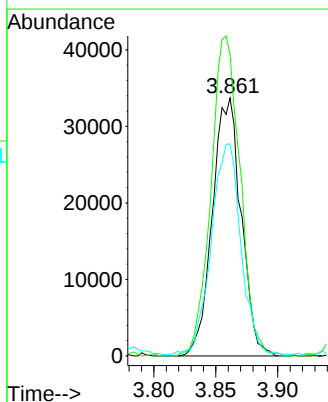
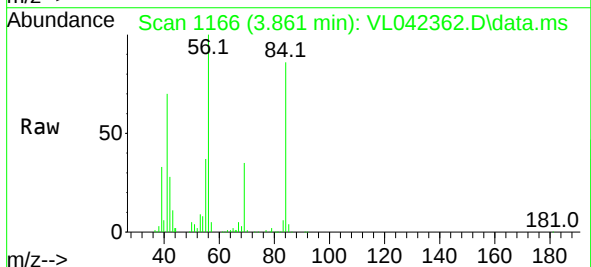
Manual Integrations
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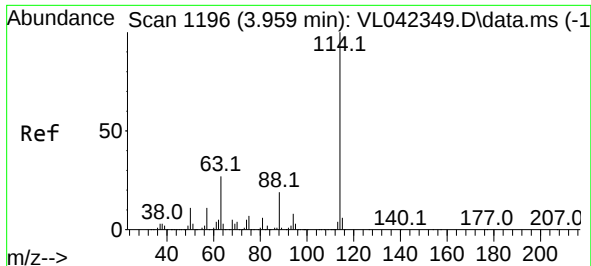
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#30
Cyclohexane
Concen: 3.382 ppbv
RT: 3.861 min Scan# 1166
Delta R.T. 0.006 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Tgt Ion: 84 Resp: 54578
Ion Ratio Lower Upper
84 100
56 125.7 101.0 151.4
41 83.8 67.4 101.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.000 min

Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

Instrument :

MSVOA_L

ClientSampleId :

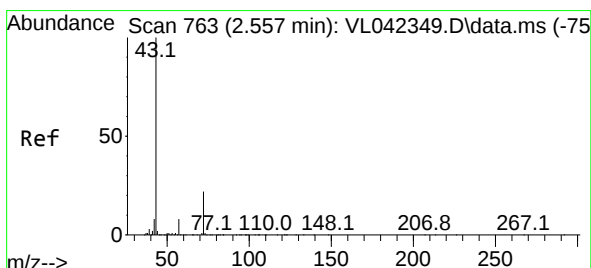
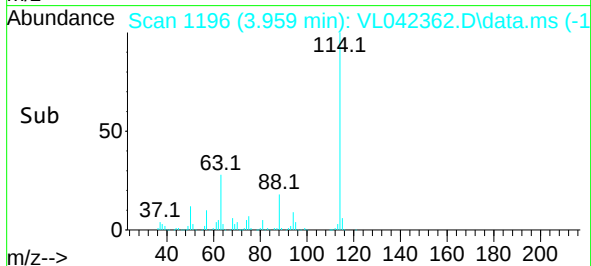
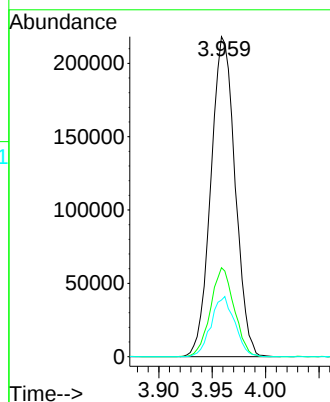
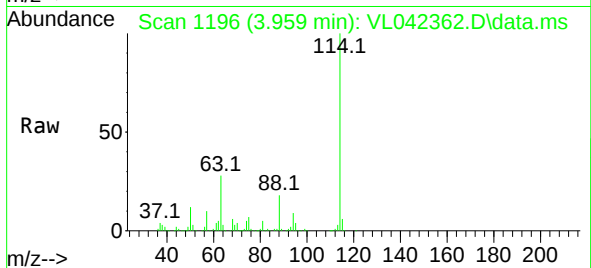
IA-B1-4-3252025DUP

Tgt Ion:114	Resp: 34414
Ion Ratio	Lower Upper
114 100	
63 27.2	21.8 32.6
88 18.4	15.5 23.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#34

2-Butanone

Concen: 0.693 ppbv

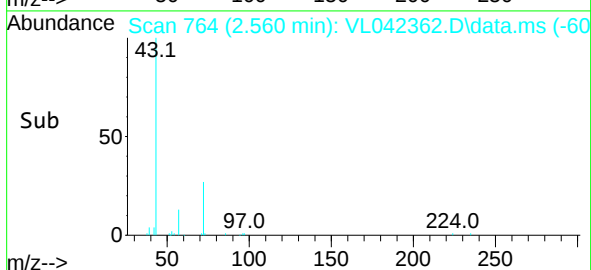
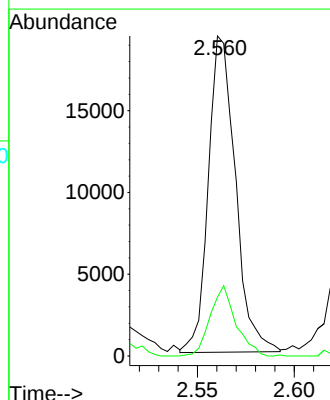
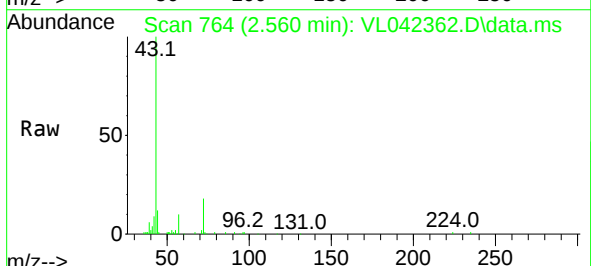
RT: 2.560 min Scan# 764

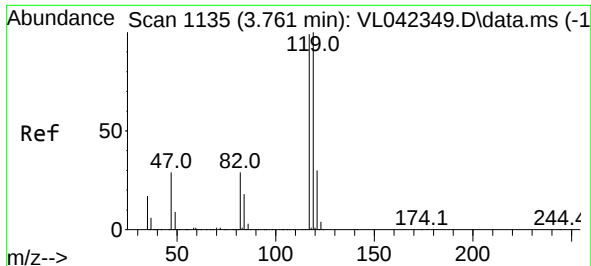
Delta R.T. 0.003 min

Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

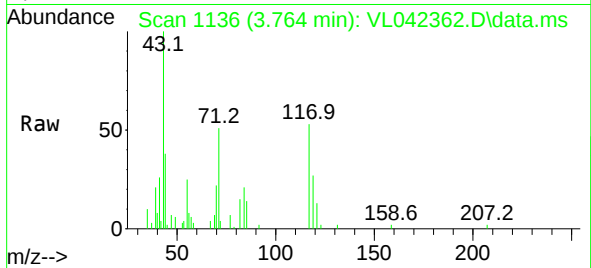
Tgt Ion: 43	Resp: 18869
Ion Ratio	Lower Upper
43 100	
72 21.0	18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.084 ppbv m
RT: 3.764 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

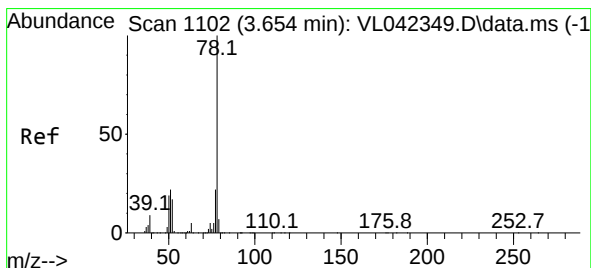
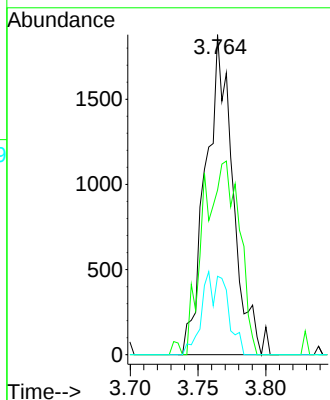
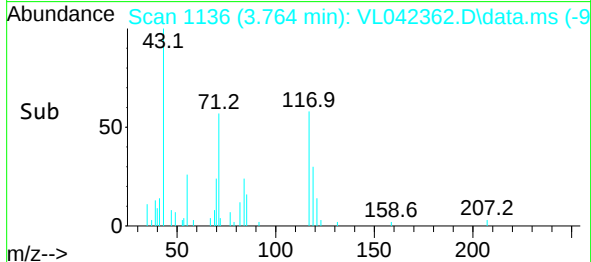
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025DUP



Tgt Ion: 117 Resp: 2628
Ion Ratio Lower Upper
117 100
119 51.5 80.5 120.7
121 24.5 24.2 36.2

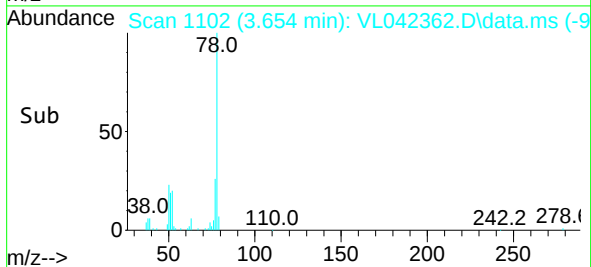
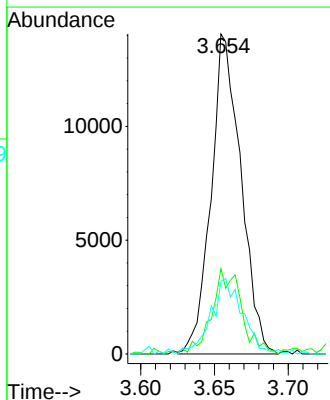
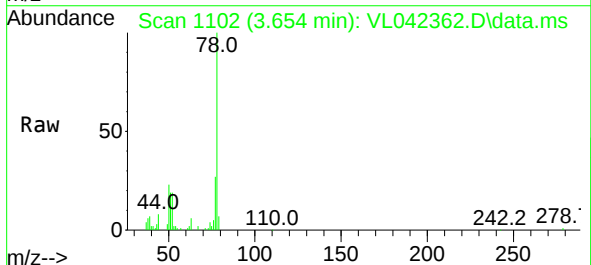
Manual Integrations
APPROVED

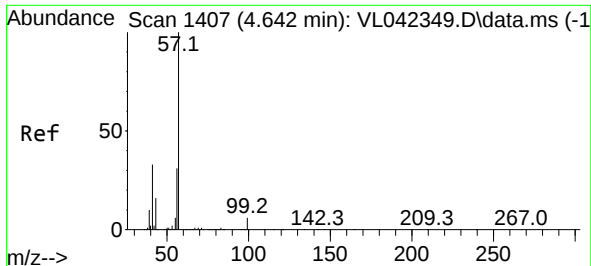
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#36
Benzene
Concen: 0.532 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

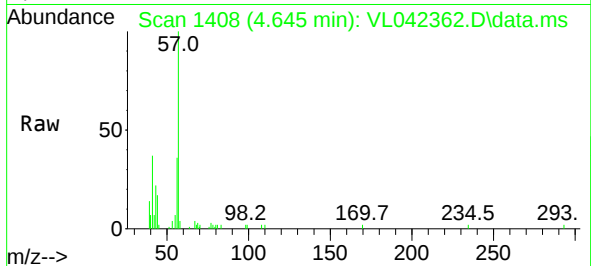
Tgt Ion: 78 Resp: 19730
Ion Ratio Lower Upper
78 100
77 26.6 17.4 26.0
50 22.7 15.5 23.3





#44
2,2,4-Trimethylpentane
Concen: 0.173 ppbv m
RT: 4.645 min Scan# 1407
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

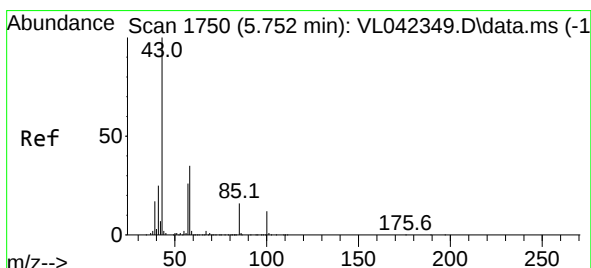
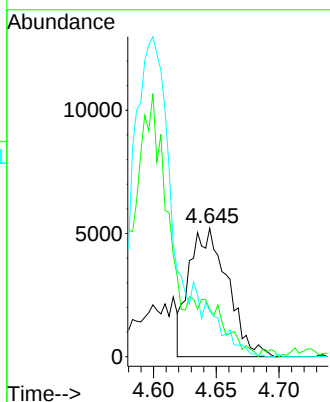
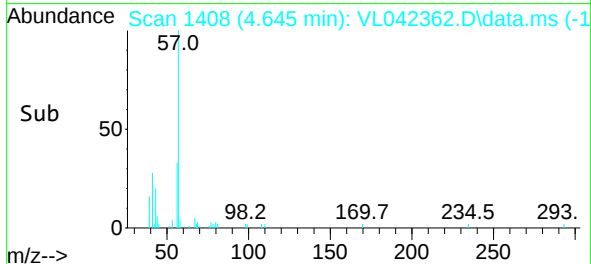
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion: 57 Resp: 1107
Ion Ratio Lower Upper
57 100
41 0.0 27.2 40.8
56 0.0 25.7 38.5

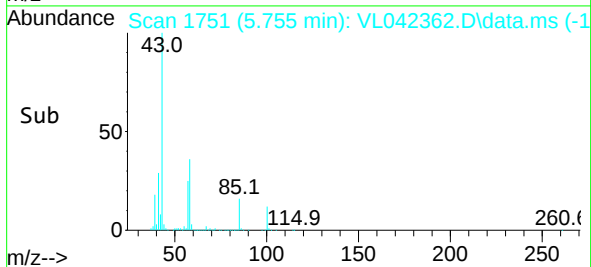
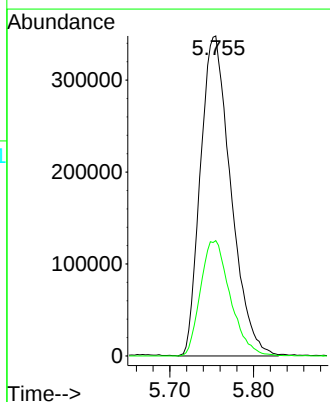
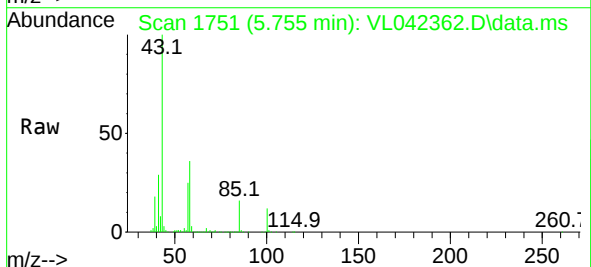
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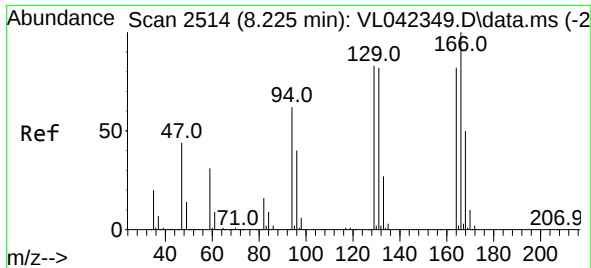
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#50
4-Methyl-2-Pentanone
Concen: 19.389 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

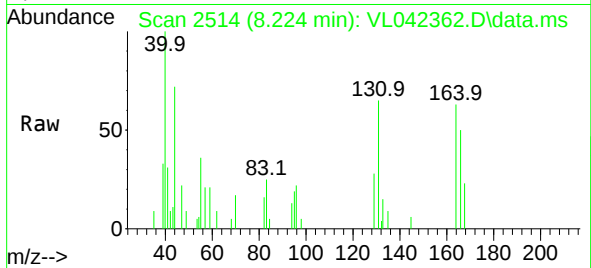
Tgt Ion: 43 Resp: 876965
Ion Ratio Lower Upper
43 100
58 35.4 28.6 43.0





#52
Tetrachloroethene
Concen: 0.040 ppbv m
RT: 8.224 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

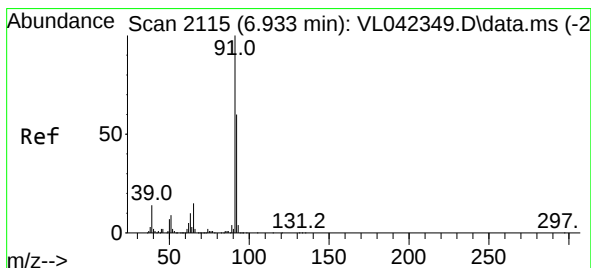
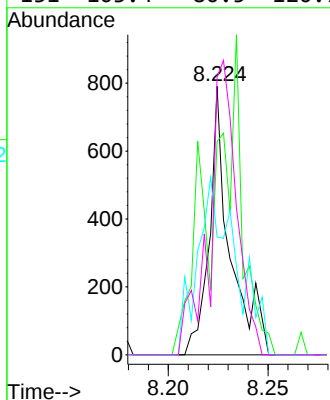
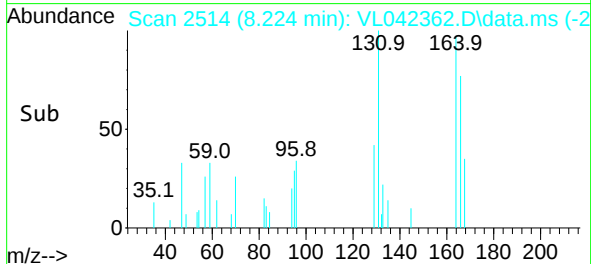
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025DUP



Tgt Ion:164 Resp: 574
Ion Ratio Lower Upper
164 100
166 79.4 98.2 147.2
129 43.9 81.8 122.8
131 103.4 80.5 120.7

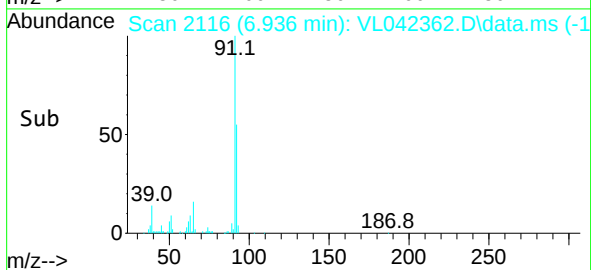
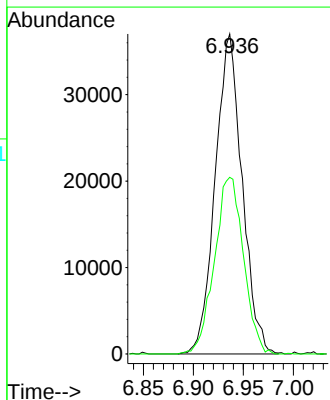
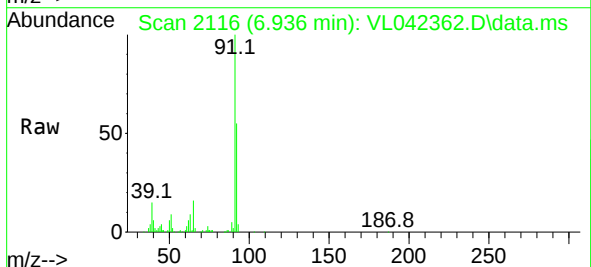
Manual Integrations
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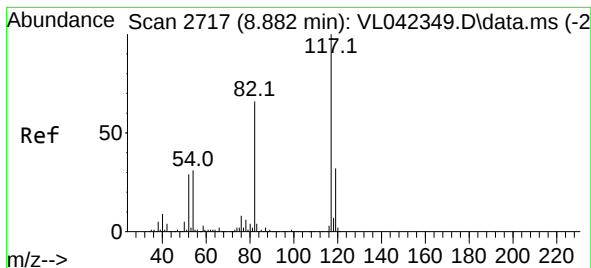
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#53
Toluene
Concen: 1.557 ppbv
RT: 6.936 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Tgt Ion: 91 Resp: 69352
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. -0.000 min

Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025DUP

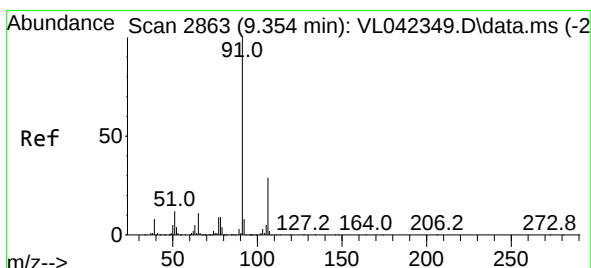
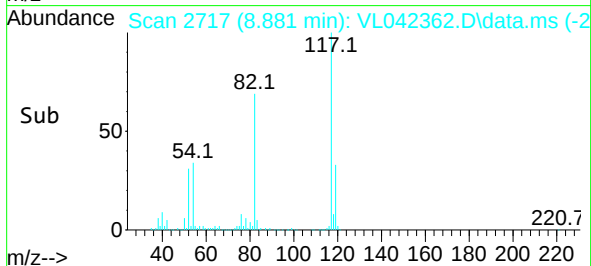
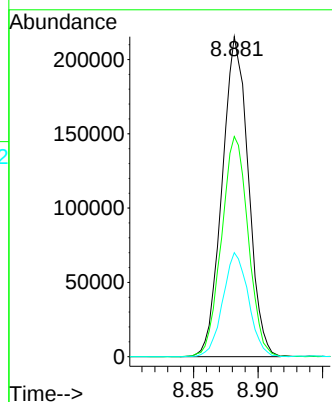
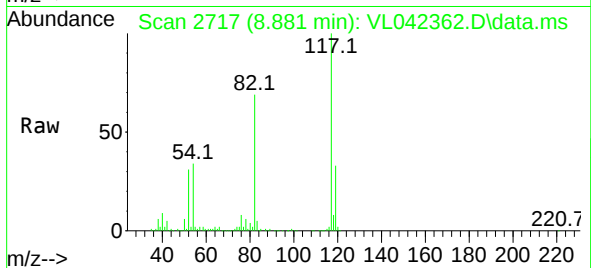
Tgt Ion: 117 Resp: 303859

Ion	Ratio	Lower	Upper
117	100		
82	70.0	57.8	86.6
119	31.8	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#58

Ethyl Benzene

Concen: 0.948 ppbv

RT: 9.354 min Scan# 2863

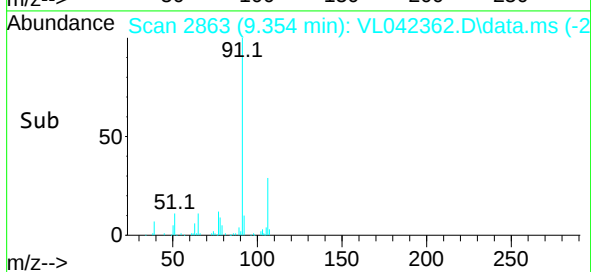
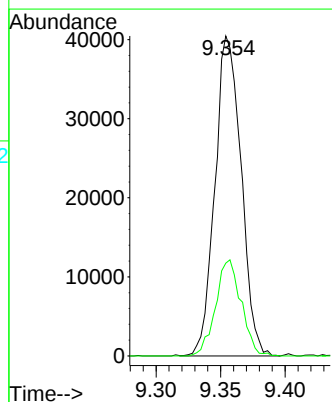
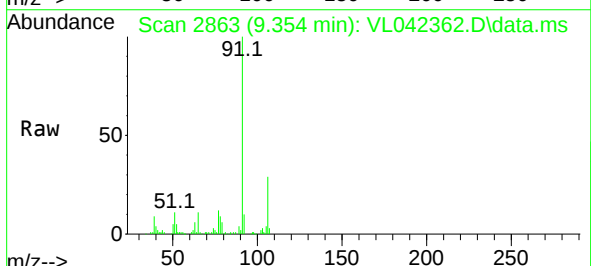
Delta R.T. -0.000 min

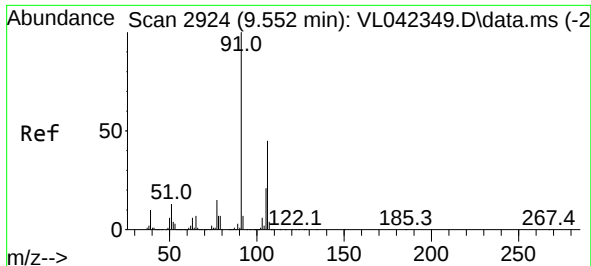
Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

Tgt Ion: 91 Resp: 57094

Ion	Ratio	Lower	Upper
91	100		
106	29.0	23.0	34.4





#59

m/p-Xylene

Concen: 9.248 ppbv

RT: 9.532 min Scan# 2918

Delta R.T. -0.019 min

Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025DUP

Tgt Ion: 91 Resp: 44853

Ion Ratio Lower Upper

91 100

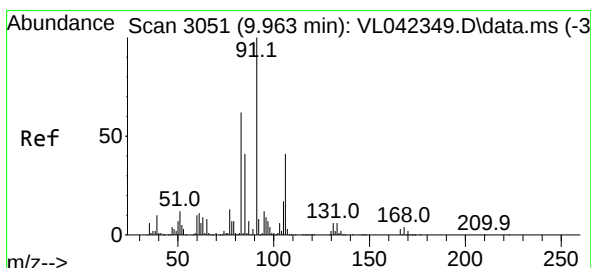
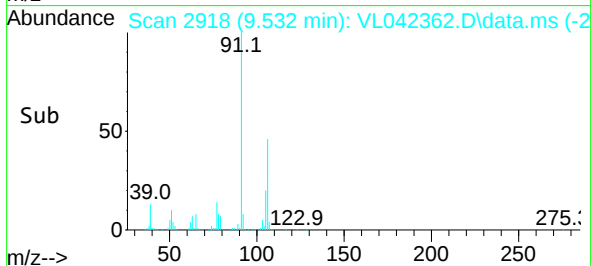
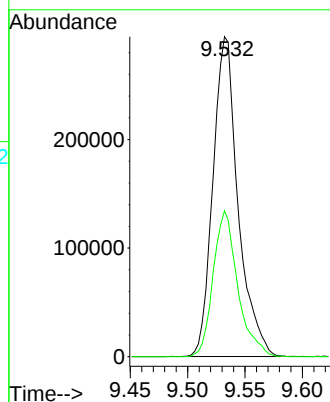
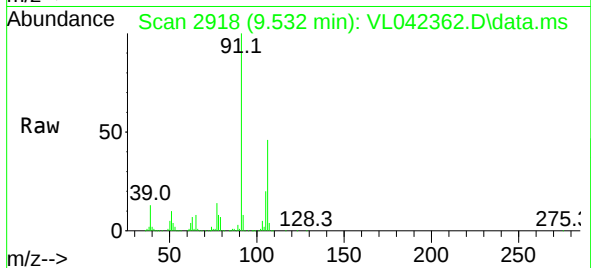
106 44.6 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025

Supervised By :Mahesh Dadoda 04/18/2025



#60

o-Xylene

Concen: 1.983 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL042362.D

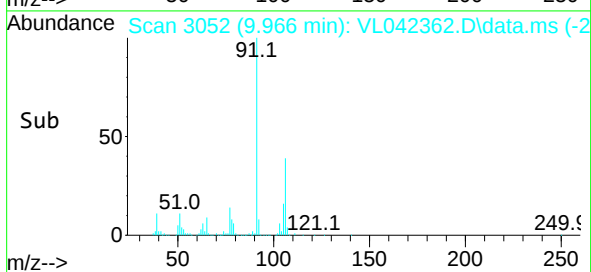
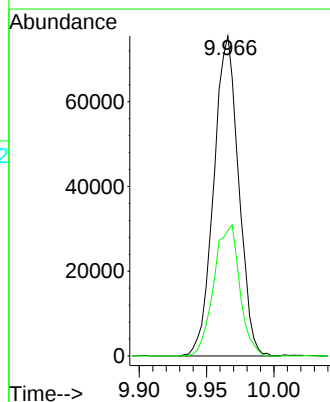
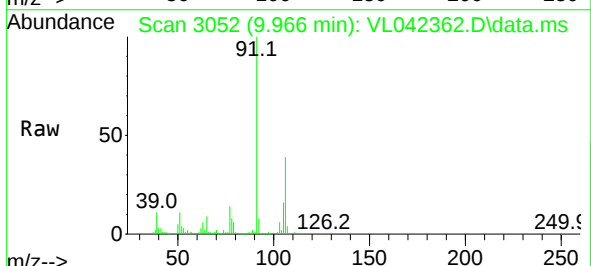
Acq: 17 Apr 2025 17:51

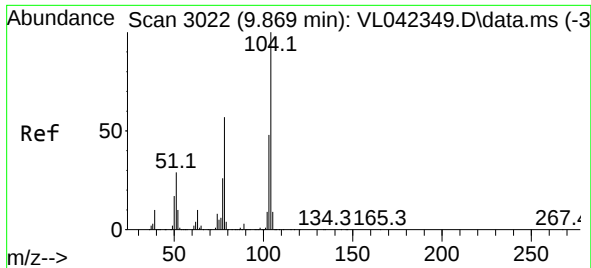
Tgt Ion: 91 Resp: 96845

Ion Ratio Lower Upper

91 100

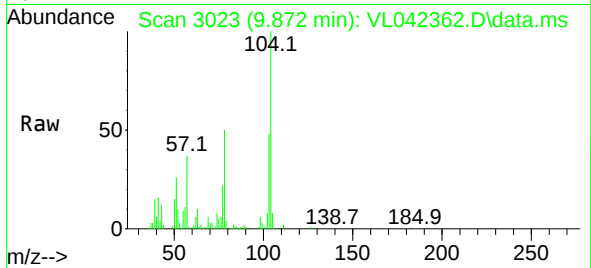
106 42.5 21.1 63.4





#61
Styrene
Concen: 1.614 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

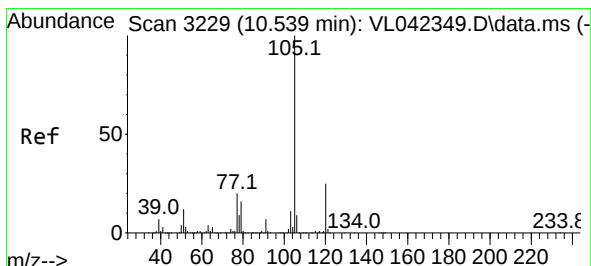
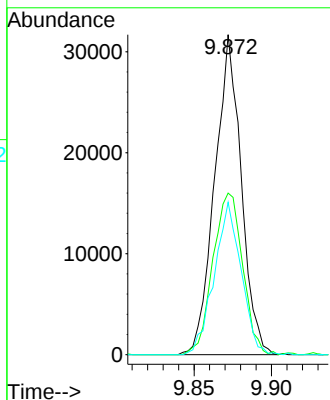
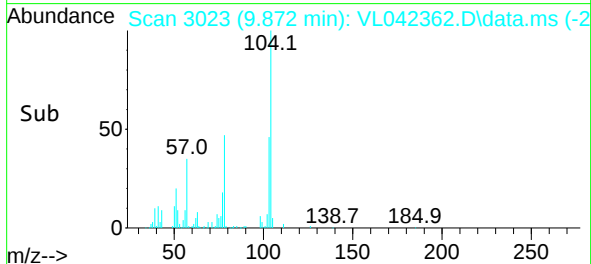
Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



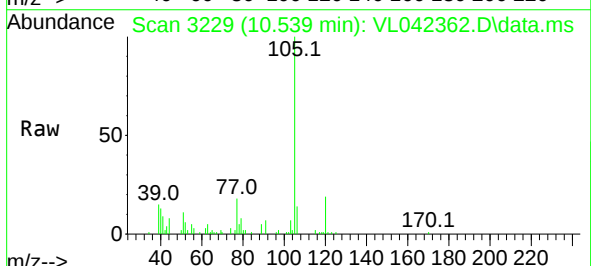
Tgt Ion:104 Resp: 37632
Ion Ratio Lower Upper
104 100
78 57.0 44.6 66.8
103 48.5 37.4 56.0

Manual Integrations
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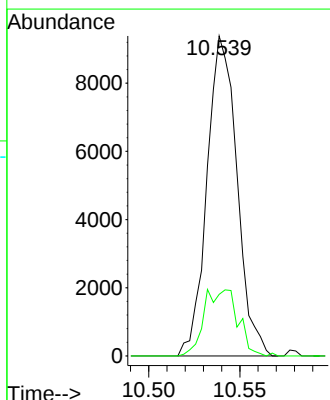
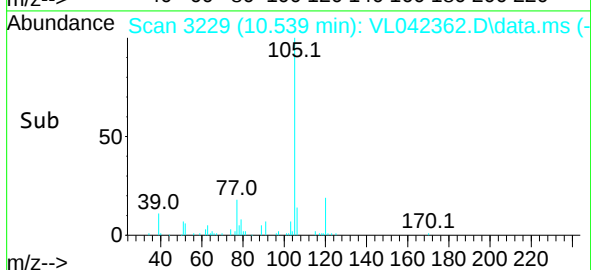
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

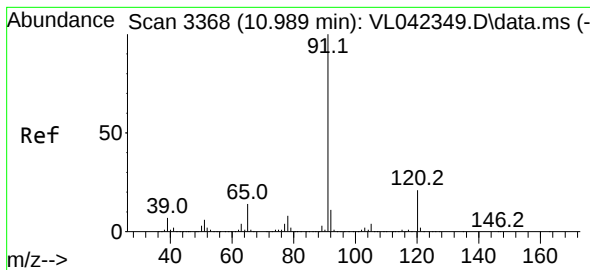


#62
Isopropylbenzene
Concen: 0.150 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51



Tgt Ion:105 Resp: 10762
Ion Ratio Lower Upper
105 100
120 23.5 19.8 29.8





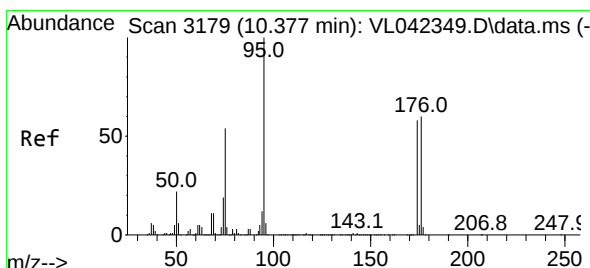
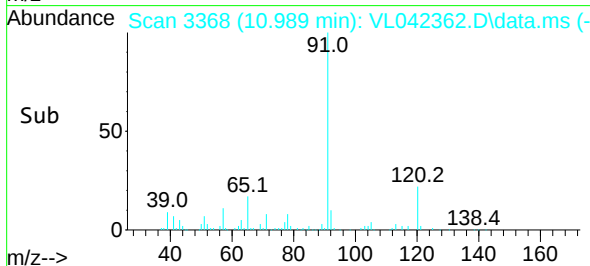
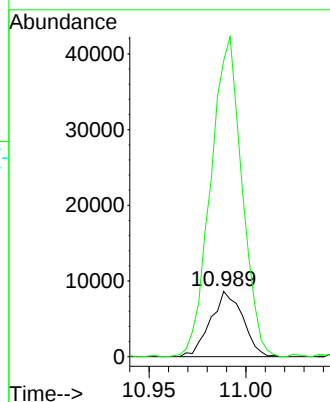
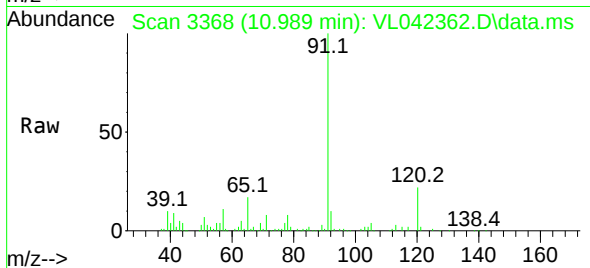
#64
n-propylbenzene
Concen: 0.553 ppbv
RT: 10.989 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP

Tgt Ion:120 Resp: 996
Ion Ratio Lower Upper
120 100
91 477.7 392.4 588.6

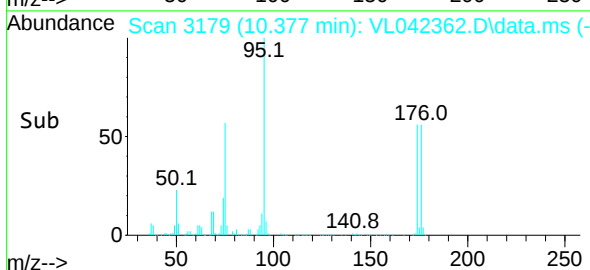
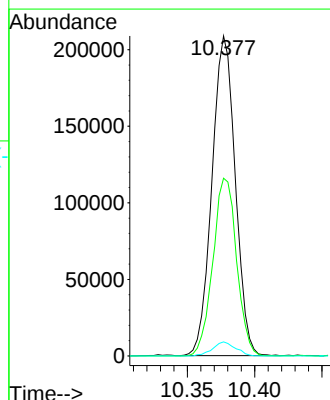
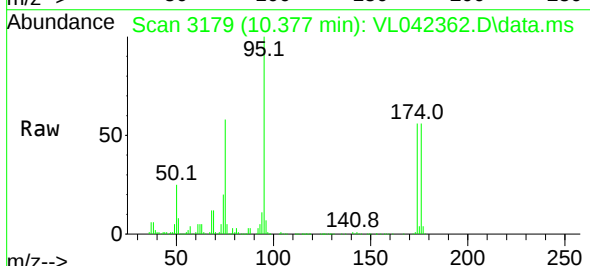
Manual Integrations
APPROVED

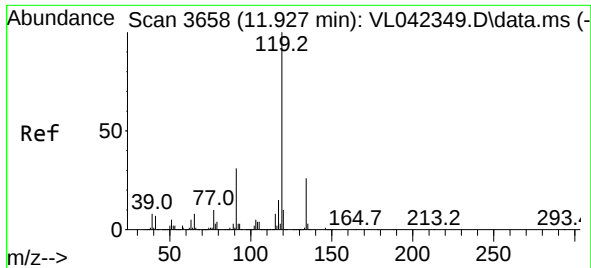
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.067 ppbv
RT: 10.377 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

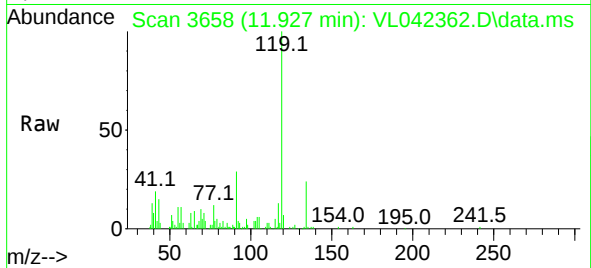
Tgt Ion: 95 Resp: 251359
Ion Ratio Lower Upper
95 100
174 56.6 48.5 72.7
175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.160 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

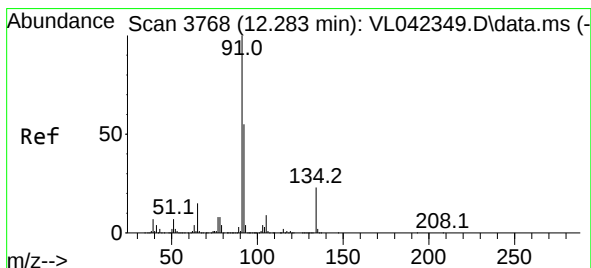
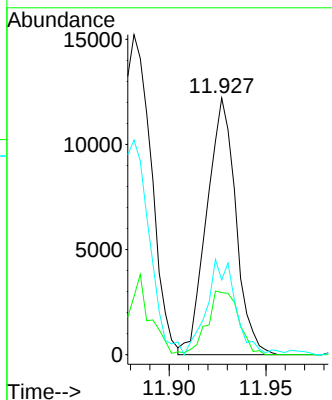
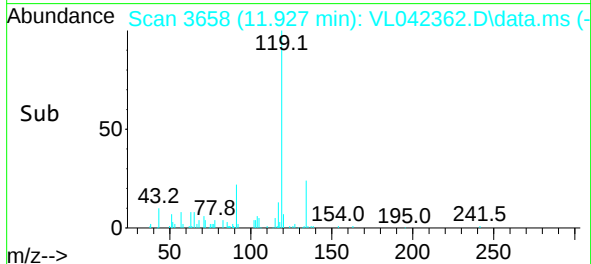
Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025DUP



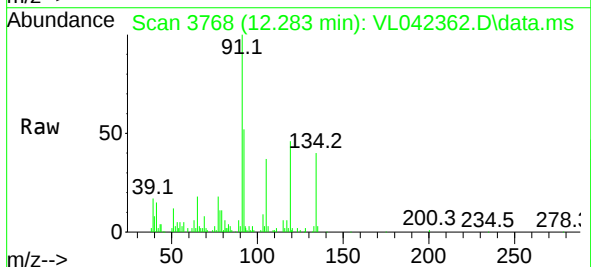
Tgt Ion: 119 Resp: 12725
Ion Ratio Lower Upper
119 100
134 26.7 20.0 30.0
91 35.9 24.4 36.6

Manual Integrations
APPROVED

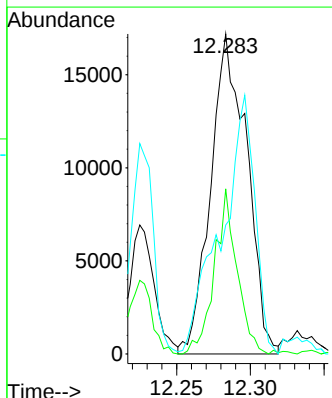
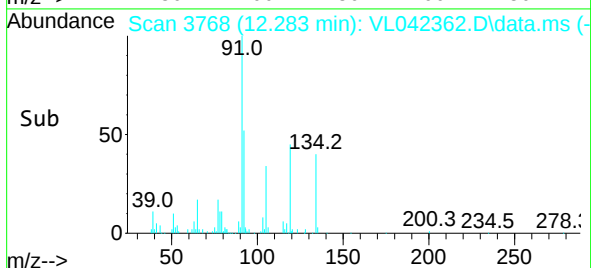
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

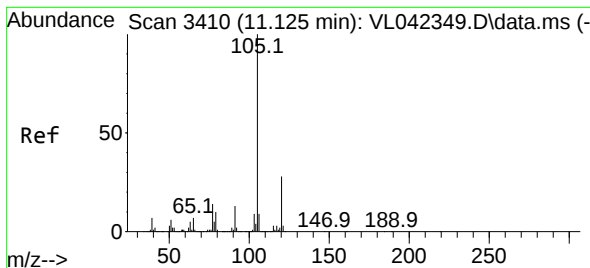


#70
n-Butylbenzene
Concen: 0.353 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51



Tgt Ion: 91 Resp: 29311
Ion Ratio Lower Upper
91 100
92 32.6 44.2 66.4#
134 78.8 18.2 27.4#





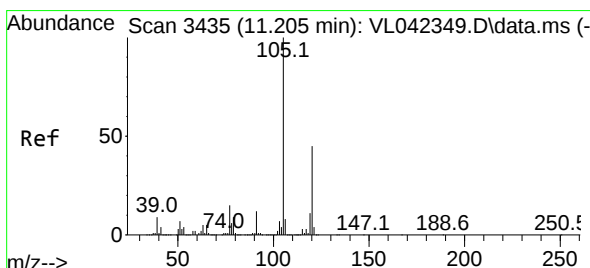
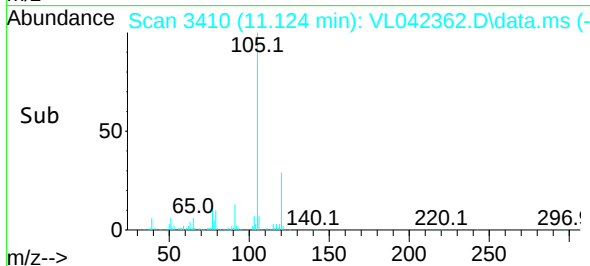
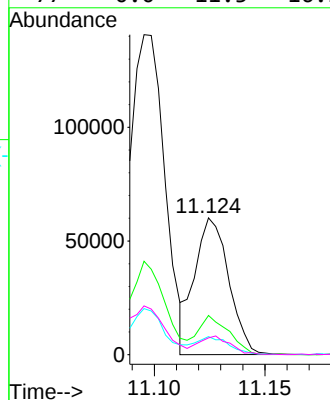
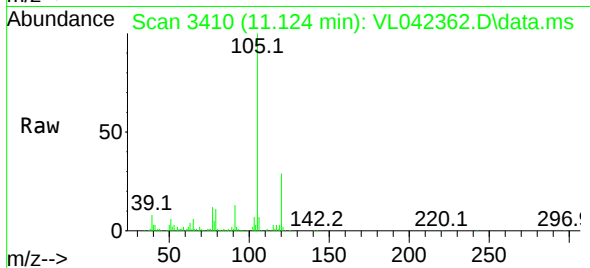
#72
4-Ethyltoluene
Concen: 1.088 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Instrument : MSVOA_L
ClientSampleId : IA-B1-4-3252025DUP

Tgt Ion:105 Resp: 64934
Ion Ratio Lower Upper
105 100
120 0.0 23.2 34.8
91 0.0 10.4 15.6
77 0.0 11.3 16.9

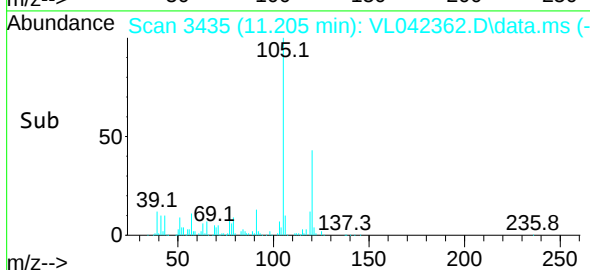
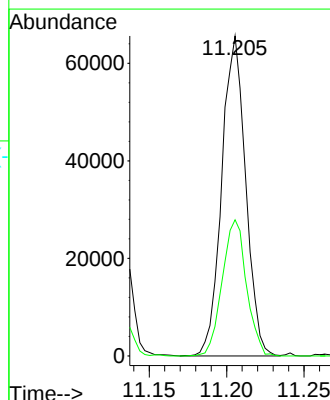
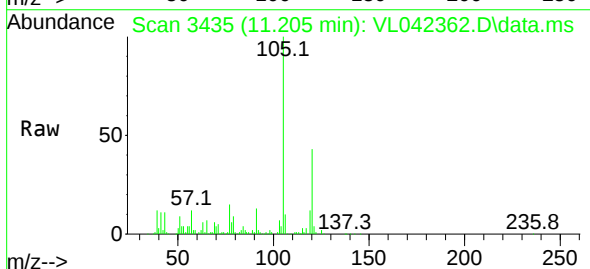
Manual Integrations
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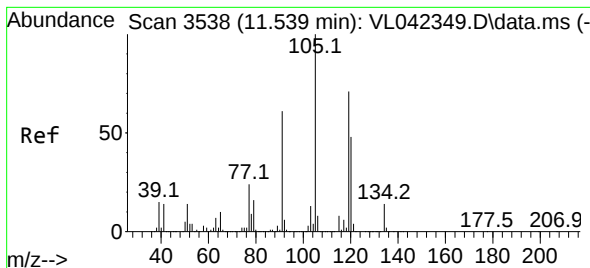
Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#73
1,3,5-Trimethylbenzene
Concen: 1.336 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Tgt Ion:105 Resp: 70431
Ion Ratio Lower Upper
105 100
120 42.6 35.6 53.4





#74

1,2,4-Trimethylbenzene

Concen: 3.931 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VL042362.D

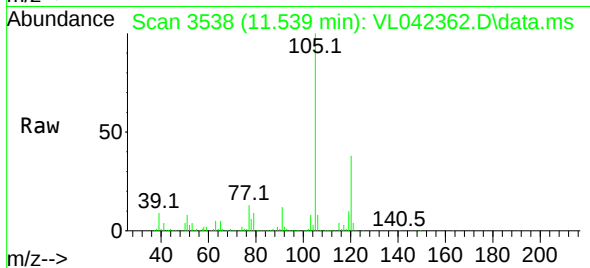
Acq: 17 Apr 2025 17:51

Instrument :

MSVOA_L

ClientSampleId :

IA-B1-4-3252025DUP

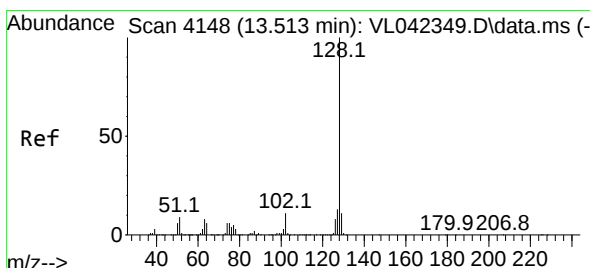
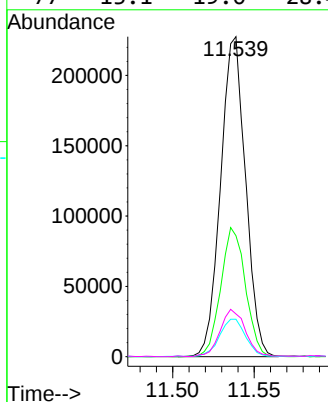
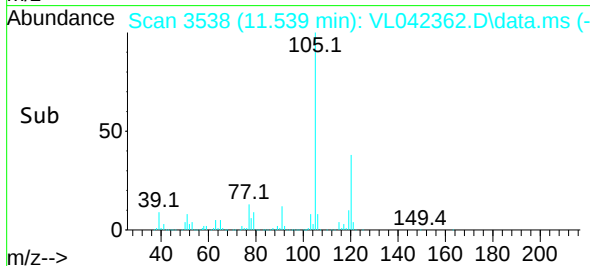


Tgt Ion	Ratio	Lower	Upper
105	100		
120	37.8	38.1	57.1
91	11.6	48.8	73.2
77	13.1	19.0	28.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025



#79

Naphthalene

Concen: 0.626 ppbv

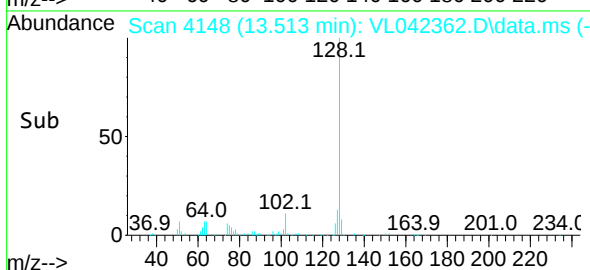
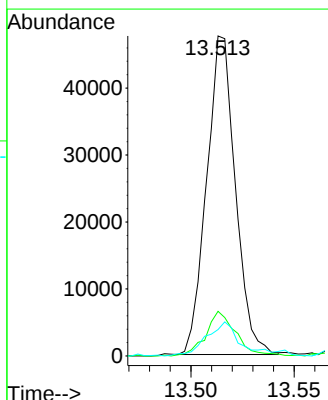
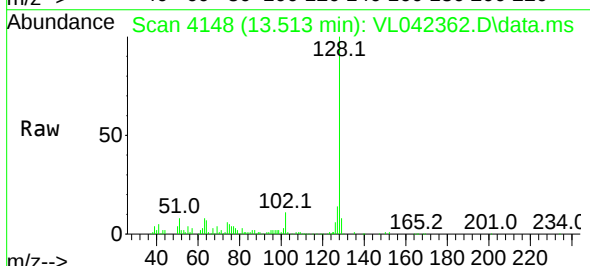
RT: 13.513 min Scan# 4148

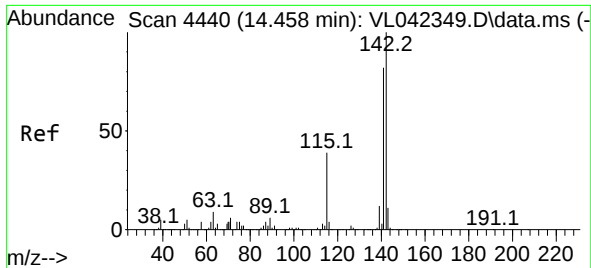
Delta R.T. -0.000 min

Lab File: VL042362.D

Acq: 17 Apr 2025 17:51

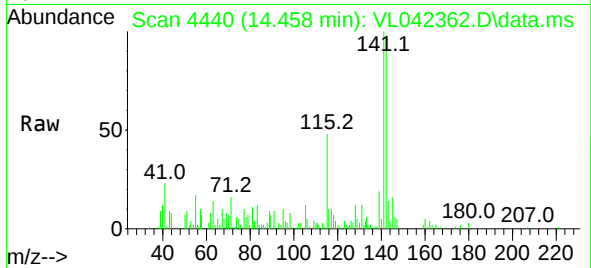
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	15.8
129	7.6	8.6	12.8





#80
Naphthalene, 2-methyl-
Concen: 0.250 ppbv m
RT: 14.458 min Scan# 44
Delta R.T. -0.000 min
Lab File: VL042362.D
Acq: 17 Apr 2025 17:51

Instrument :
MSVOA_L
ClientSampleId :
IA-B1-4-3252025DUP



Tgt Ion:142 Resp: 1050
Ion Ratio Lower Upper
142 100
141 66.4 66.8 100.2
115 32.9 33.4 50.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/18/2025
Supervised By :Mahesh Dadoda 04/18/2025

