

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042101.D
 Acq On : 05 Mar 2025 13:16
 Operator : SY/MD
 Sample : Q1483-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:07:06 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.806	49	170910	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.988	114	395541	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.917	117	368402	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	289610	10.218	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.505	85	4482	0.252	ppbv	99
3) Chlorodifluoromethane	1.483	51	195885m	7.886	ppbv	
4) Chloromethane	1.541	50	1611	0.245	ppbv #	86
9) Propene	1.489	41	20710	2.047	ppbv	89
10) Heptane	5.020	43	15091m	0.479	ppbv	
11) Trichlorofluoromethane	1.890	101	4168	0.234	ppbv	85
13) Ethanol	1.732	45	15231	23.710	ppbv	98
15) Acetone	1.848	43	280700	18.598	ppbv	94
19) Isopropyl Alcohol	1.900	45	14430	1.664	ppbv #	1
20) Methylene Chloride	2.078	84	2447	0.429	ppbv #	71
22) trans-1,2-Dichloroethene	2.357	96	8808	1.177	ppbv	85
26) Hexane	2.845	57	74480	3.049	ppbv #	34
29) Chloroform	2.868	83	50161	1.526	ppbv	95
31) cis-1,2-Dichloroethene	2.742	61	71664	3.100	ppbv	97
34) 2-Butanone	2.577	43	105117	3.411	ppbv	96
35) Carbon Tetrachloride	3.797	117	845m	0.031	ppbv	
36) Benzene	3.684	78	12204	0.295	ppbv	99
38) Trichloroethene	4.587	130	2161401	127.831	ppbv	98
41) Tetrahydrofuran	3.088	42	10168m	0.558	ppbv	
52) Tetrachloroethene	8.396	164	21700452m	1530.867	ppbv	
53) Toluene	6.972	91	52294m	1.130	ppbv	
58) Ethyl Benzene	9.387	91	27047	0.399	ppbv	93
59) m/p-Xylene	9.561	91	50697	0.939	ppbv #	100
60) o-Xylene	9.989	91	27448	0.506	ppbv	100
62) Isopropylbenzene	10.565	105	10157	0.125	ppbv	99
64) n-propylbenzene	11.011	120	5108	0.240	ppbv	75
69) p-Isopropyltoluene	11.947	119	13541	0.161	ppbv	96
73) 1,3,5-Trimethylbenzene	11.225	105	12204	0.212	ppbv	94
74) 1,2,4-Trimethylbenzene	11.558	105	18954	0.293	ppbv #	60

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

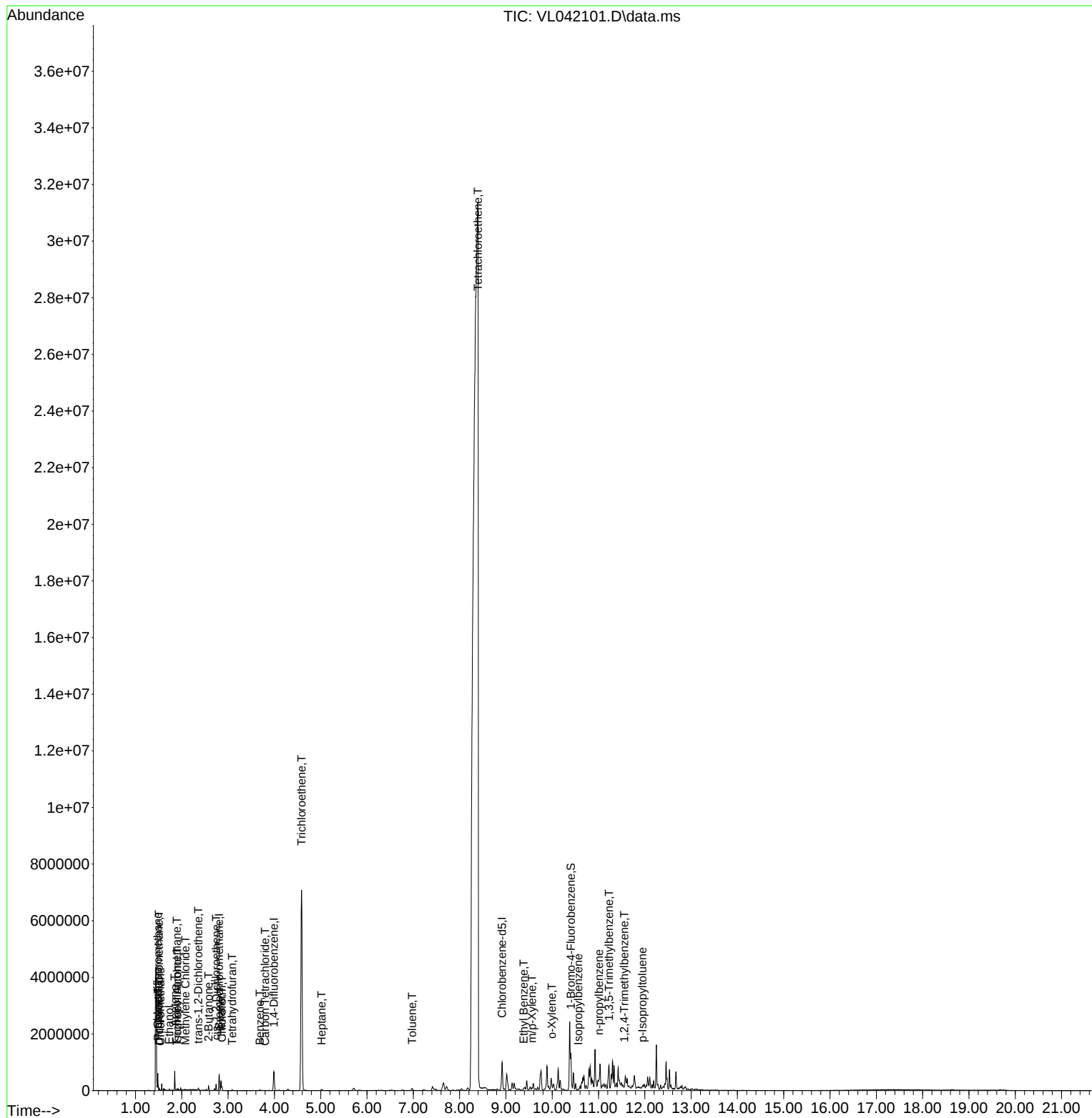
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
Data File : VL042101.D
Acq On : 05 Mar 2025 13:16
Operator : SY/MD
Sample : Q1483-05 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

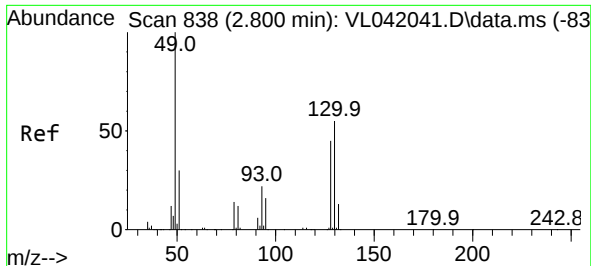
Instrument :
MSVOA_L
ClientSampleId :
SV3

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

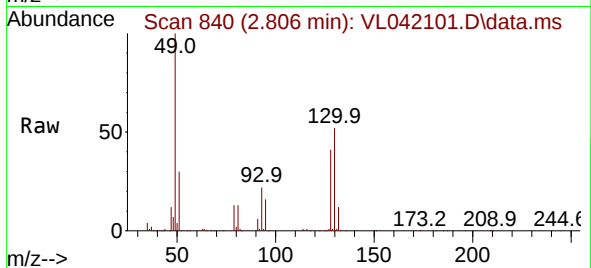
Quant Time: Mar 06 01:07:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.806 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

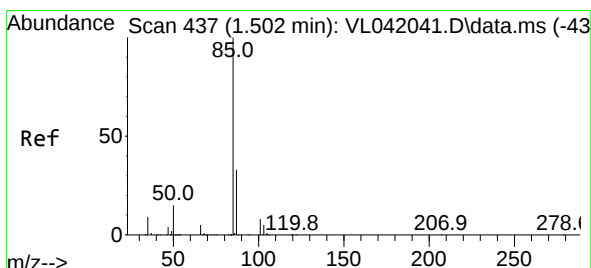
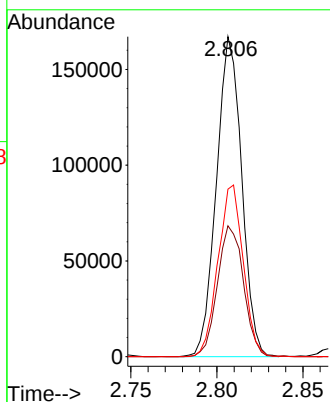
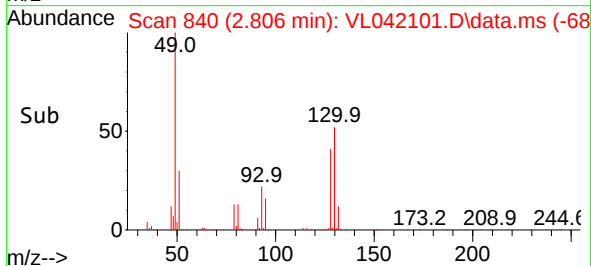
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 49 Resp: 170910
Ion Ratio Lower Upper
49 100
128 42.2 21.6 64.8
130 53.5 27.8 83.4

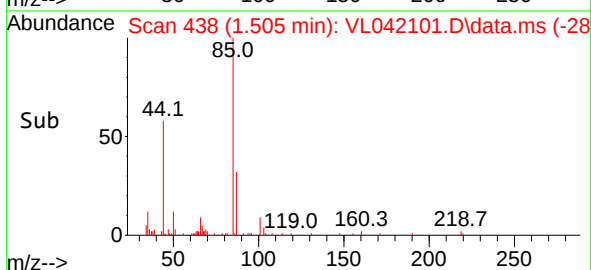
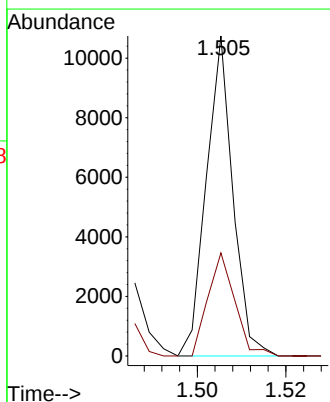
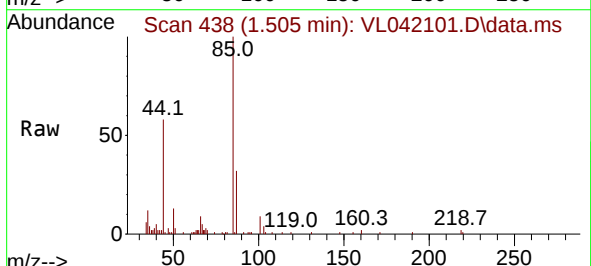
Manual Integrations
APPROVED

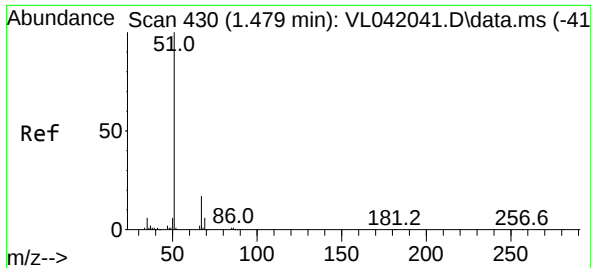
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#2
Dichlorodifluoromethane
Concen: 0.252 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Tgt Ion: 85 Resp: 4482
Ion Ratio Lower Upper
85 100
87 32.2 26.4 39.6





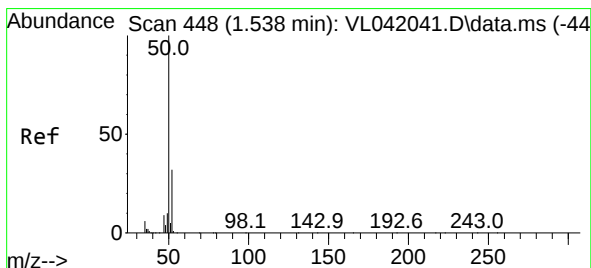
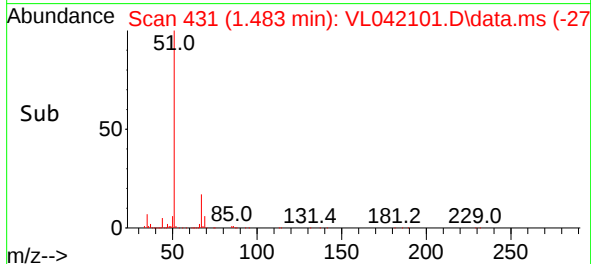
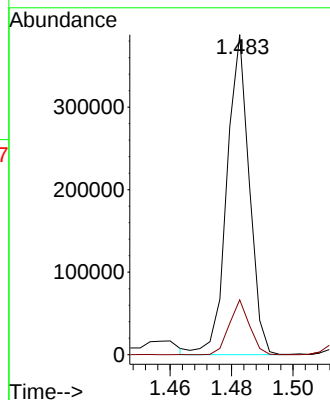
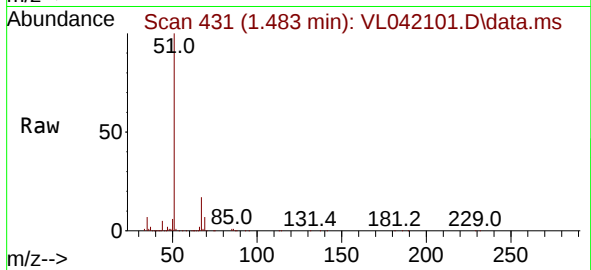
#3
Chlorodifluoromethane
Concen: 7.886 ppbv m
RT: 1.483 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 51 Resp: 19588
Ion Ratio Lower Upper
51 100
67 15.6 13.7 20.5

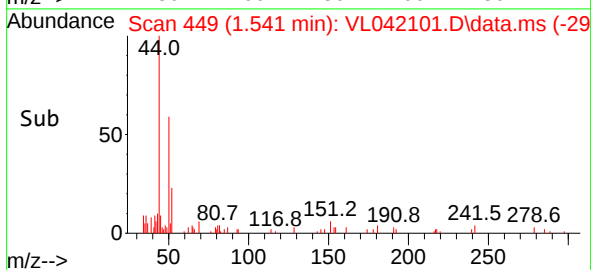
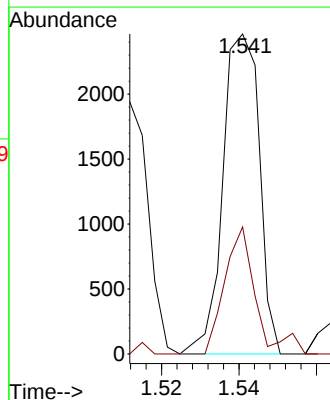
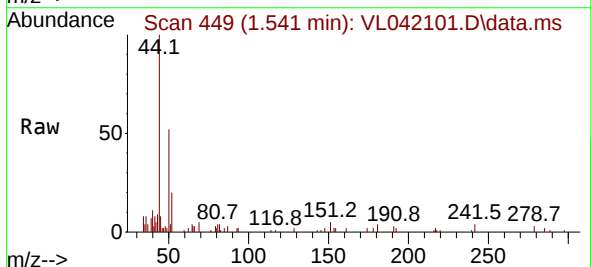
Manual Integrations
APPROVED

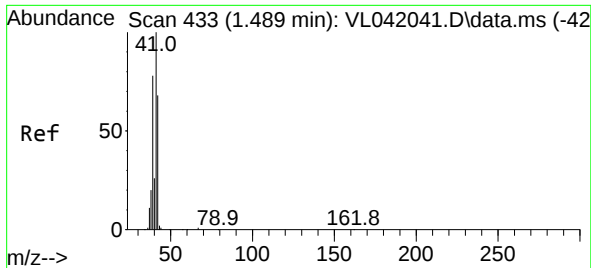
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#4
Chloromethane
Concen: 0.245 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.003 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

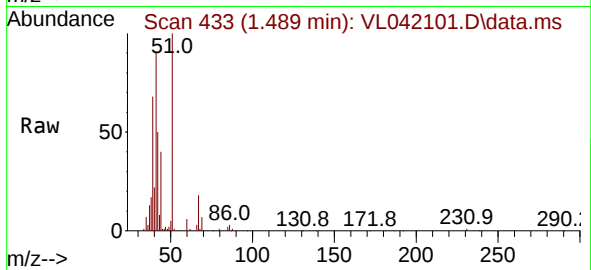
Tgt Ion: 50 Resp: 1611
Ion Ratio Lower Upper
50 100
52 39.7 25.4 38.0#





#9
 Propene
 Concen: 2.047 ppbv
 RT: 1.489 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042101.D
 Acq: 05 Mar 2025 13:16

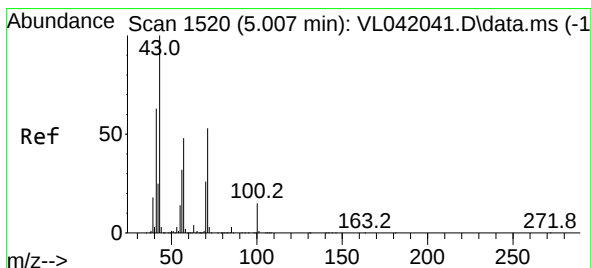
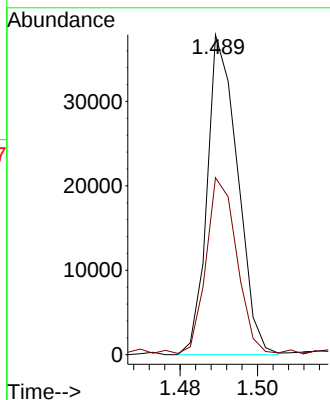
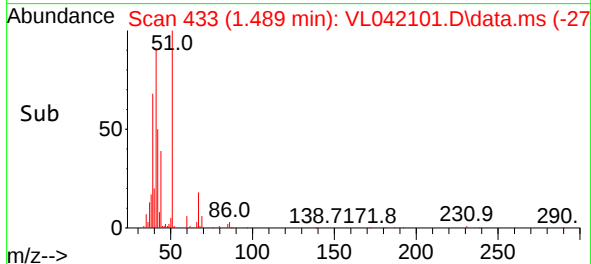
Instrument :
 MSVOA_L
 ClientSampleId :
 SV3



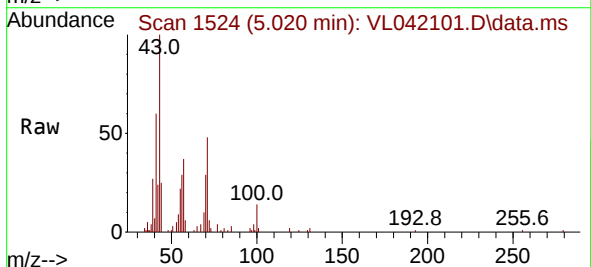
Tgt Ion: 41 Resp: 20710
 Ion Ratio Lower Upper
 41 100
 42 60.6 55.8 83.6

Manual Integrations
 APPROVED

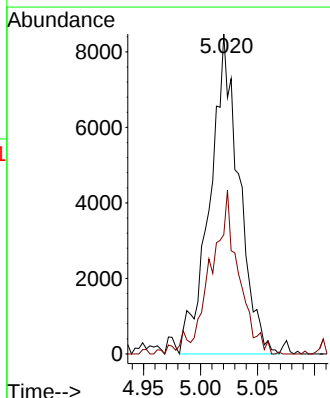
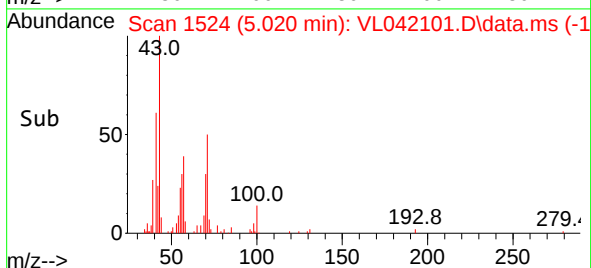
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025

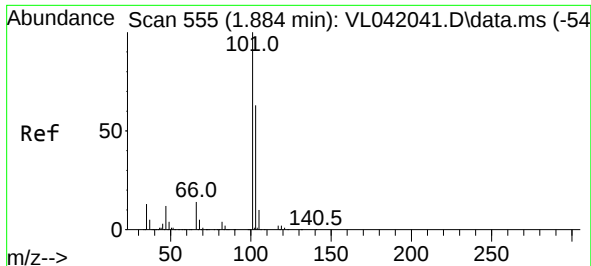


#10
 Heptane
 Concen: 0.479 ppbv m
 RT: 5.020 min Scan# 1524
 Delta R.T. 0.013 min
 Lab File: VL042101.D
 Acq: 05 Mar 2025 13:16



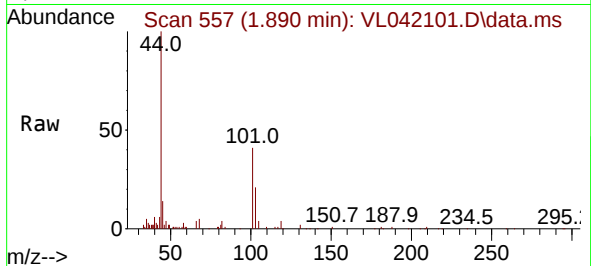
Tgt Ion: 43 Resp: 15091
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.4 59.0





#11
Trichlorofluoromethane
Concen: 0.234 ppbv
RT: 1.890 min Scan# 508
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

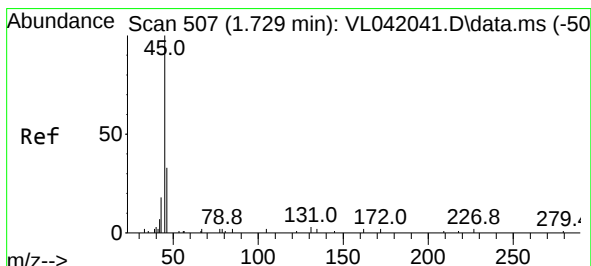
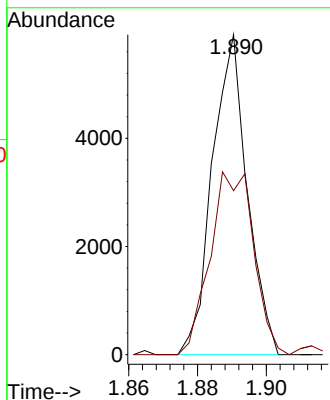
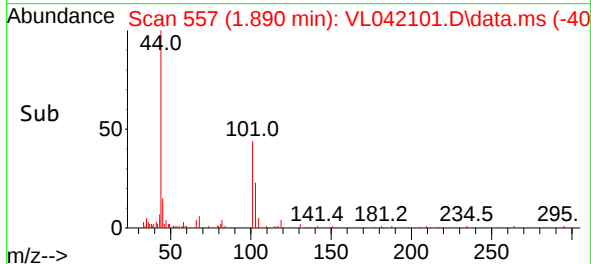
Instrument :
MSVOA_L
ClientSampleId :
SV3



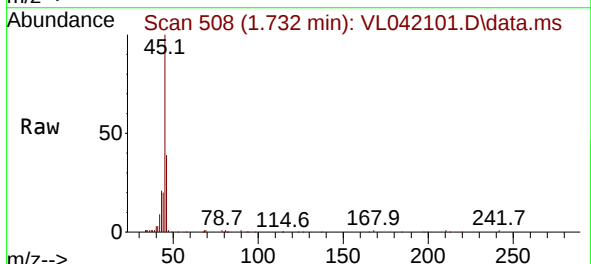
Tgt Ion:101 Resp: 4168
Ion Ratio Lower Upper
101 100
103 51.3 50.6 75.8

Manual Integrations
APPROVED

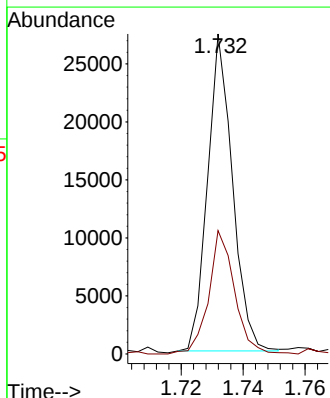
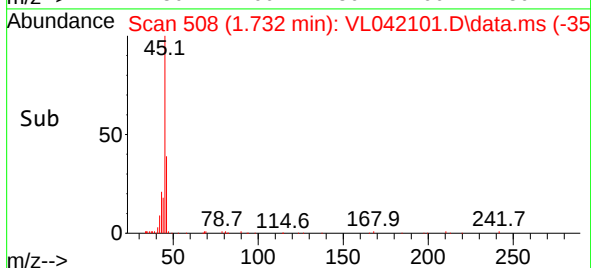
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

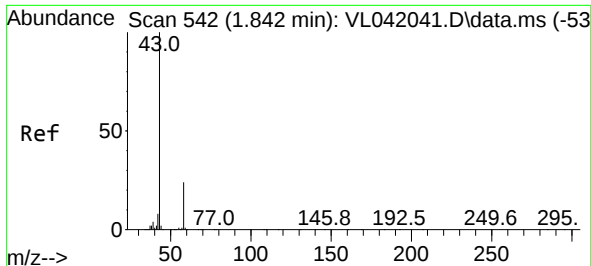


#13
Ethanol
Concen: 23.710 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.003 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16



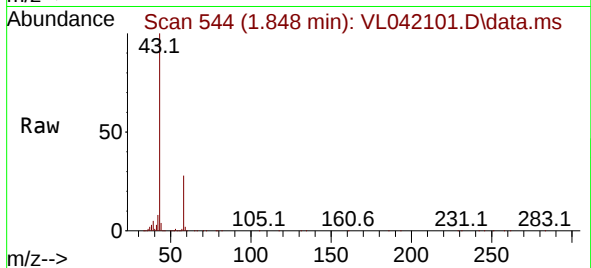
Tgt Ion: 45 Resp: 15231
Ion Ratio Lower Upper
45 100
46 41.7 17.1 68.3





#15
Acetone
Concen: 18.598 ppbv
RT: 1.848 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

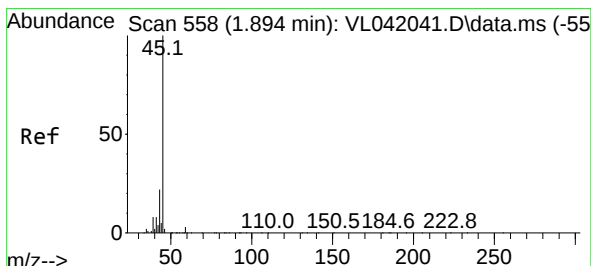
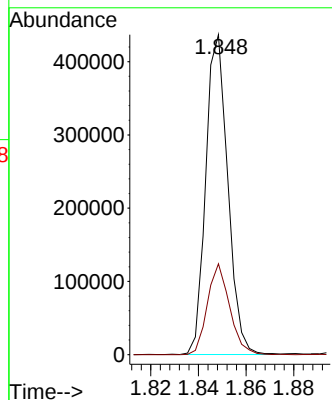
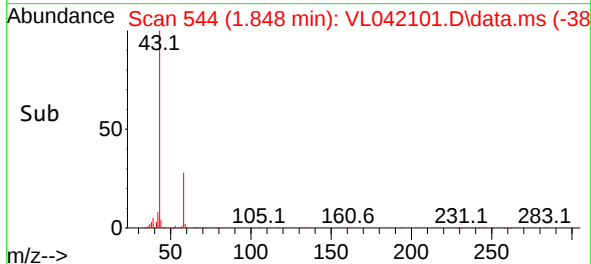
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 43 Resp: 280700
Ion Ratio Lower Upper
43 100
58 28.7 20.7 31.1

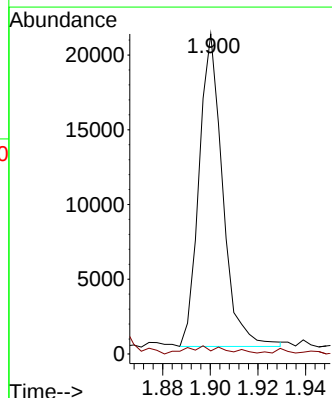
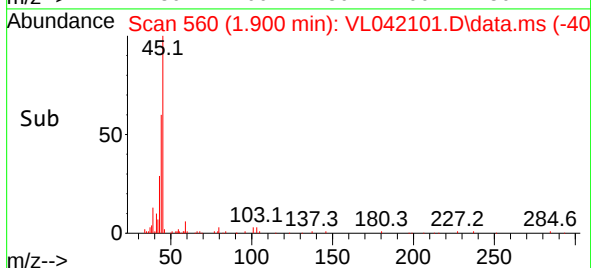
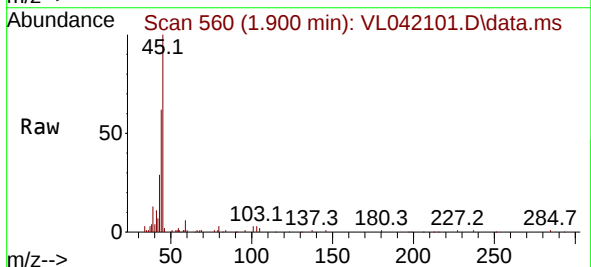
Manual Integrations
APPROVED

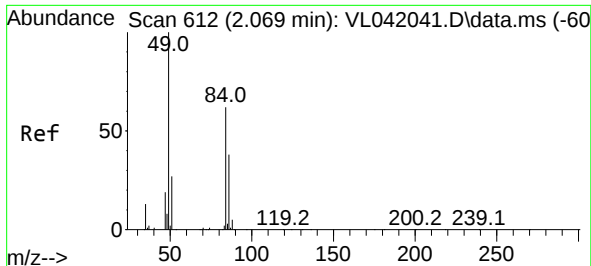
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#19
Isopropyl Alcohol
Concen: 1.664 ppbv
RT: 1.900 min Scan# 560
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

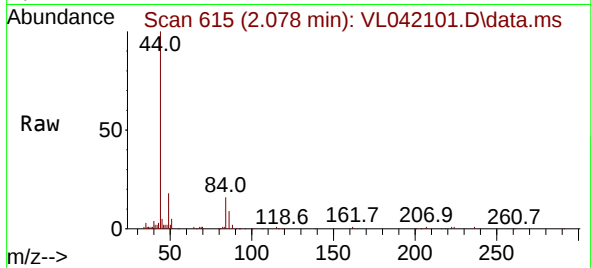
Tgt Ion: 45 Resp: 14430
Ion Ratio Lower Upper
45 100
58 558.6 35.3 52.9#





#20
Methylene Chloride
Concen: 0.429 ppbv
RT: 2.078 min Scan# 612
Delta R.T. 0.010 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

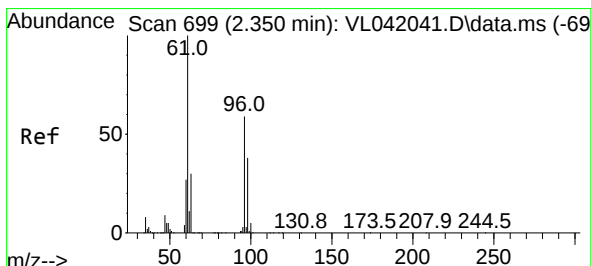
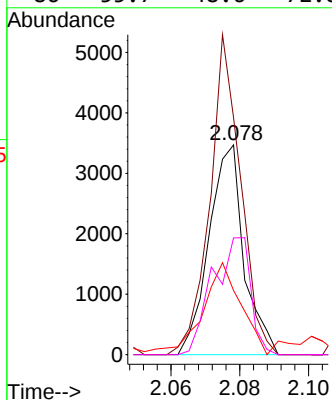
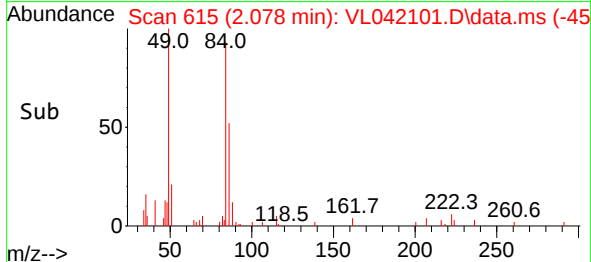
Instrument :
MSVOA_L
ClientSampleId :
SV3



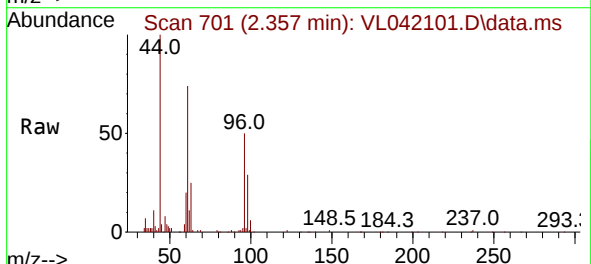
Tgt Ion: 84 Resp: 244
Ion Ratio Lower Upper
84 100
49 112.9 130.0 195.0
51 26.9 37.4 56.0
86 55.7 48.6 72.8

Manual Integrations
APPROVED

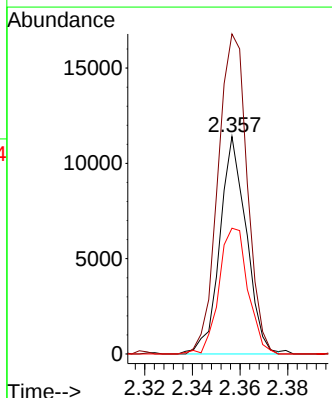
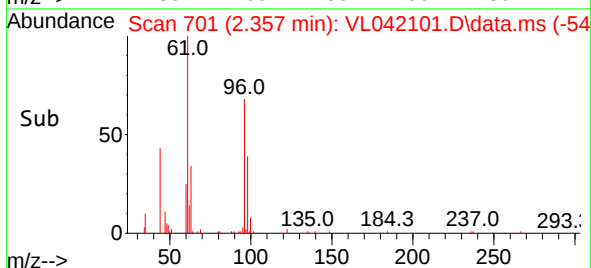
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

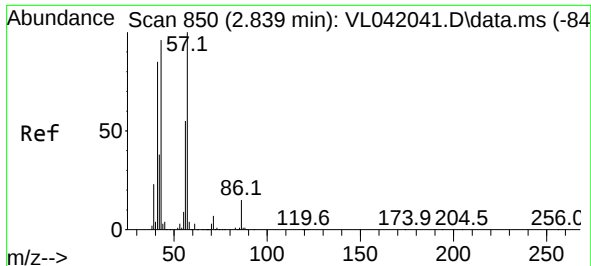


#22
trans-1,2-Dichloroethene
Concen: 1.177 ppbv
RT: 2.357 min Scan# 701
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16



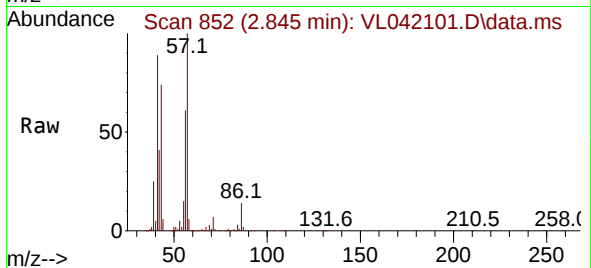
Tgt Ion: 96 Resp: 8808
Ion Ratio Lower Upper
96 100
61 147.2 136.6 205.0
98 57.9 51.8 77.6





#26
Hexane
Concen: 3.049 ppbv
RT: 2.845 min Scan# 850
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

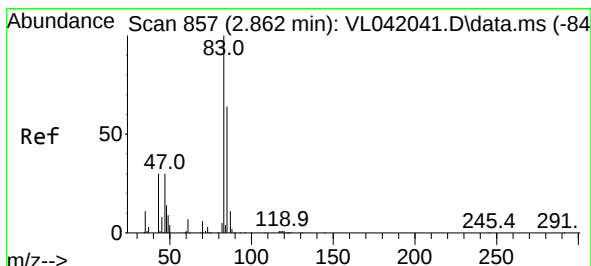
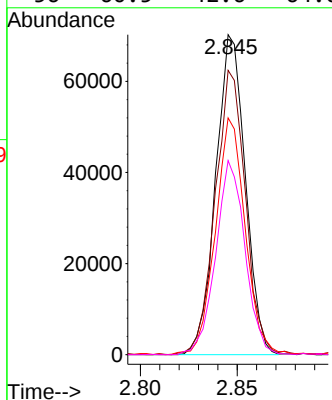
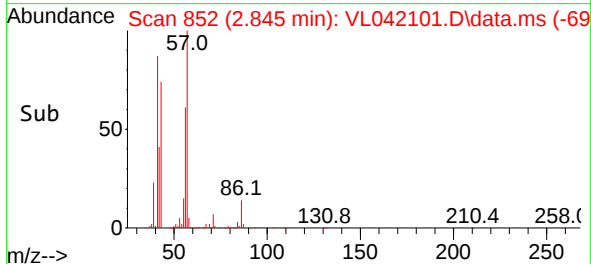
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 57 Resp: 74480
Ion Ratio Lower Upper
57 100
41 91.5 70.6 106.0
43 74.2 199.4 299.0
56 60.5 42.6 64.0

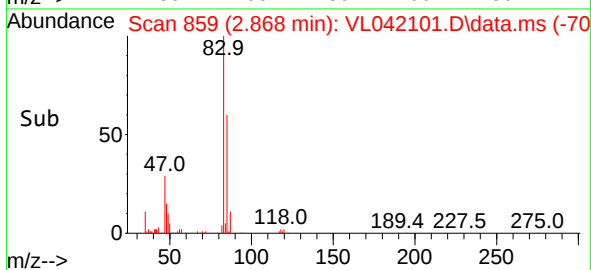
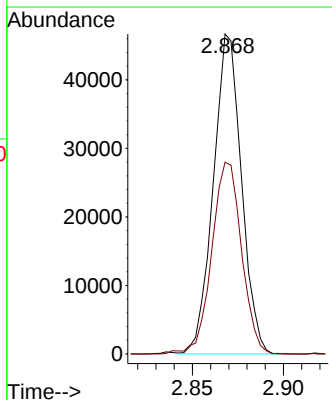
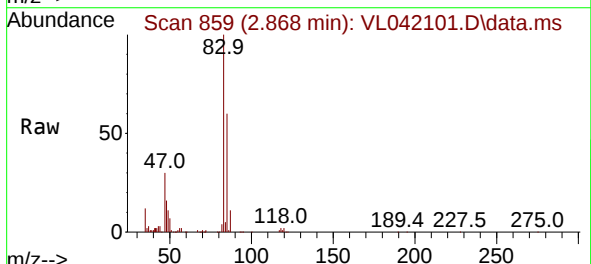
Manual Integrations
APPROVED

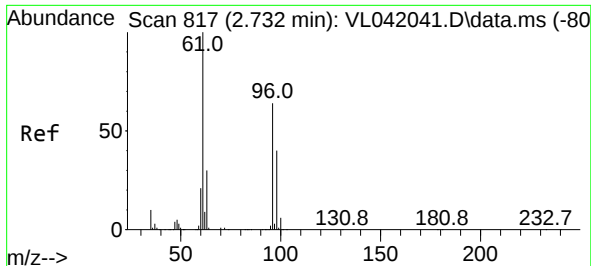
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#29
Chloroform
Concen: 1.526 ppbv
RT: 2.868 min Scan# 859
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Tgt Ion: 83 Resp: 50161
Ion Ratio Lower Upper
83 100
85 59.8 51.2 76.8





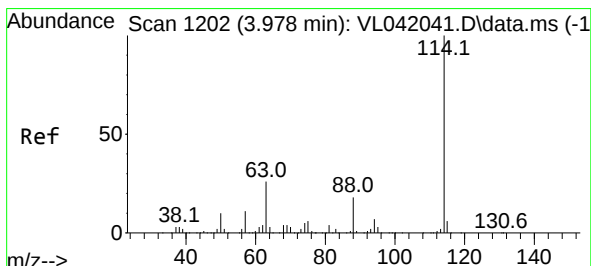
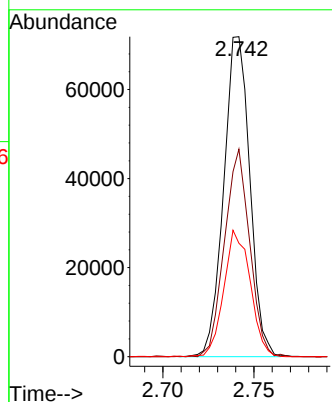
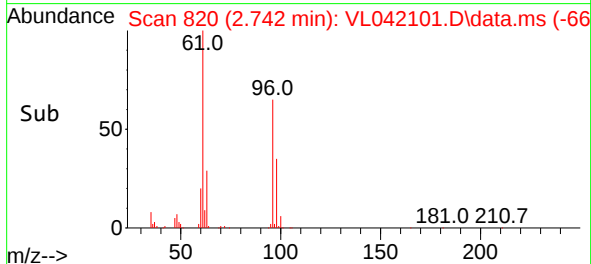
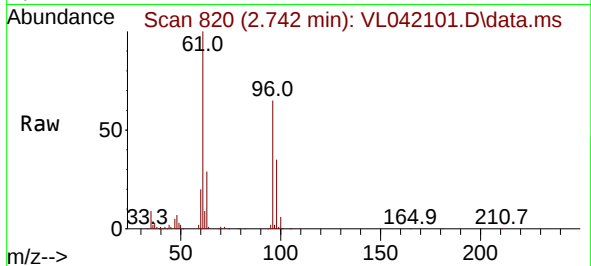
#31
 cis-1,2-Dichloroethene
 Concen: 3.100 ppbv
 RT: 2.742 min Scan# 817
 Delta R.T. 0.010 min
 Lab File: VL042101.D
 Acq: 05 Mar 2025 13:16

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Tgt Ion: 61 Resp: 71664
 Ion Ratio Lower Upper
 61 100
 96 64.8 51.5 77.3
 98 35.4 32.0 48.0

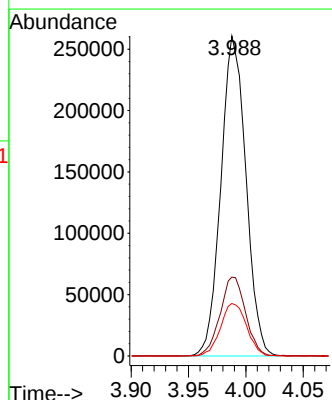
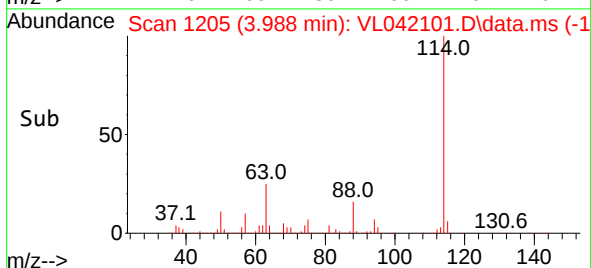
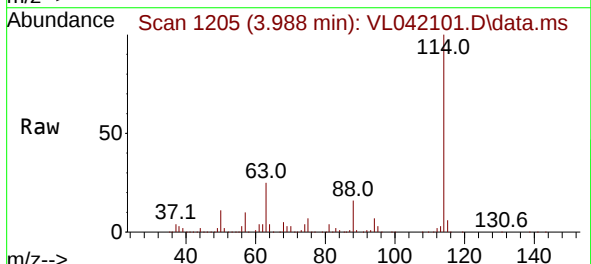
Manual Integrations
 APPROVED

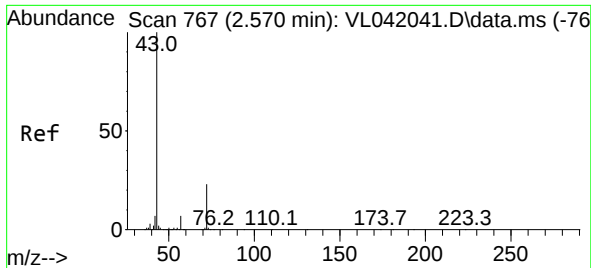
Reviewed By :Semsettin Yesilyurt 03/06/2025
 Supervised By :Mahesh Dadoda 03/06/2025



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.988 min Scan# 1205
 Delta R.T. 0.010 min
 Lab File: VL042101.D
 Acq: 05 Mar 2025 13:16

Tgt Ion:114 Resp: 395541
 Ion Ratio Lower Upper
 114 100
 63 25.1 20.1 30.1
 88 17.1 14.3 21.5





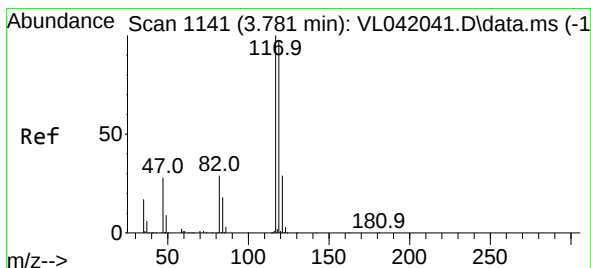
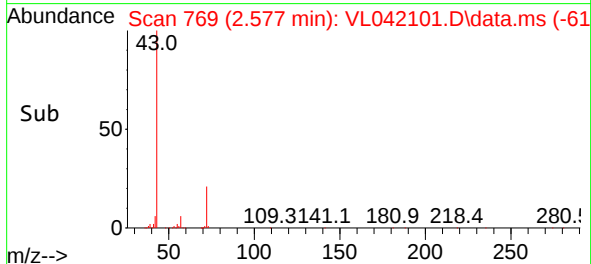
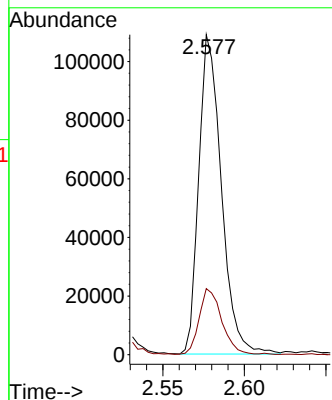
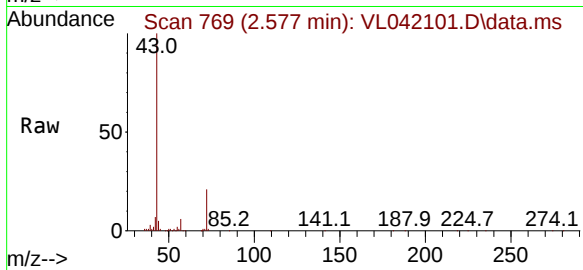
#34
2-Butanone
Concen: 3.411 ppbv
RT: 2.577 min Scan# 769
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 43 Resp: 105117
Ion Ratio Lower Upper
43 100
72 21.2 18.5 27.7

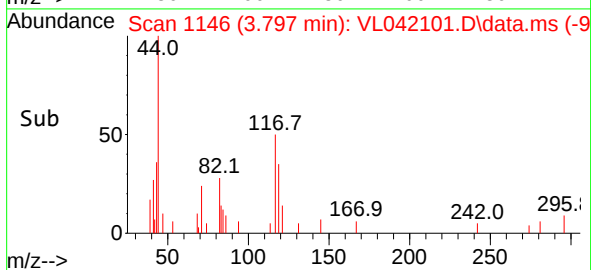
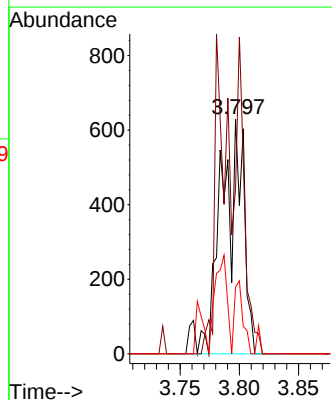
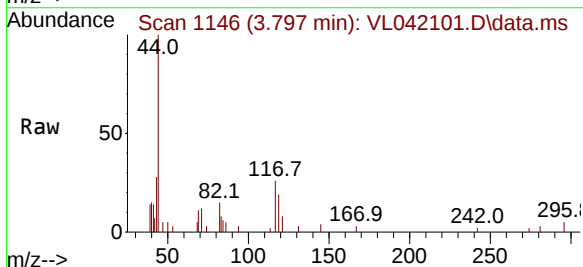
Manual Integrations
APPROVED

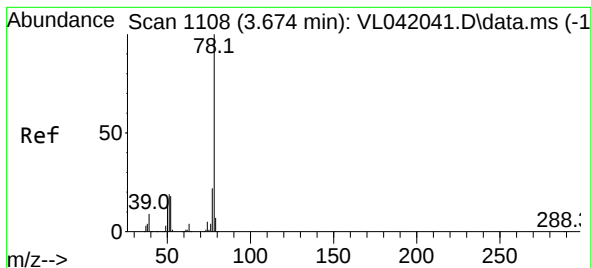
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#35
Carbon Tetrachloride
Concen: 0.031 ppbv m
RT: 3.797 min Scan# 1146
Delta R.T. 0.016 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Tgt Ion:117 Resp: 845
Ion Ratio Lower Upper
117 100
119 70.6 77.8 116.8#
121 28.5 23.4 35.0





#36

Benzene

Concen: 0.295 ppbv

RT: 3.684 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VL042101.D

Acq: 05 Mar 2025 13:16

Instrument :

MSVOA_L

ClientSampleId :

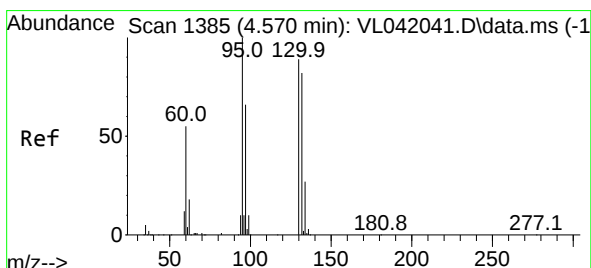
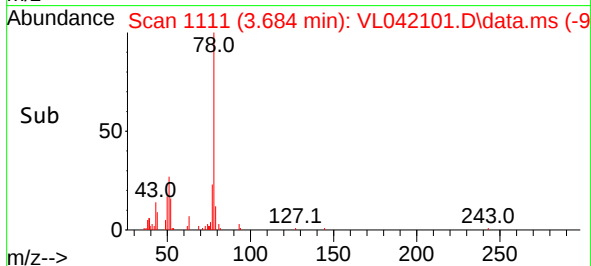
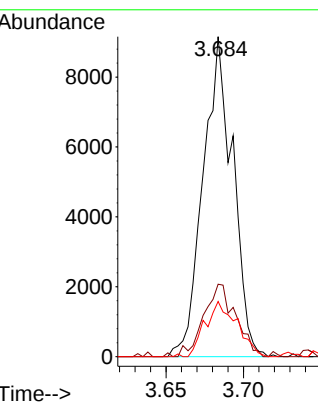
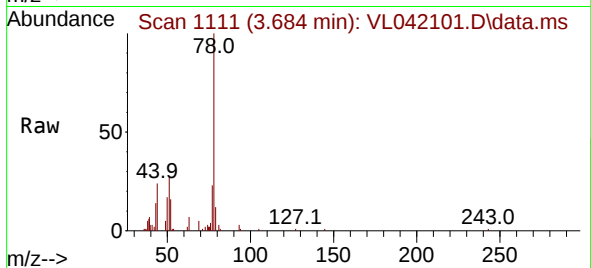
SV3

Tgt Ion: 78	Resp: 12204
Ion Ratio	Lower Upper
78 100	
77 22.7	17.7 26.5
50 17.3	13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#38

Trichloroethene

Concen: 127.831 ppbv

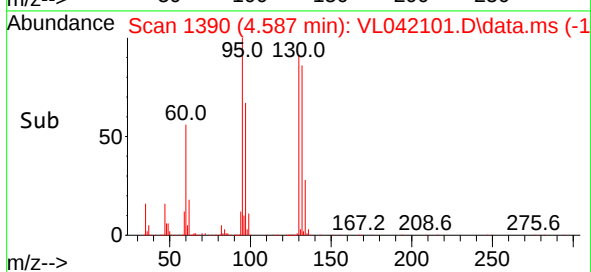
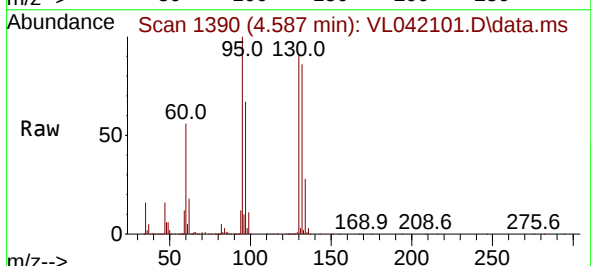
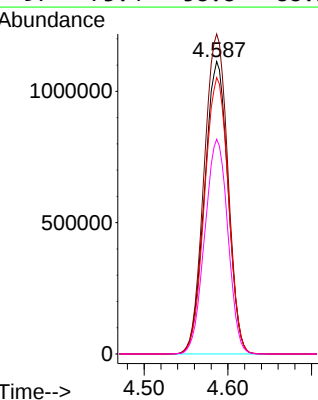
RT: 4.587 min Scan# 1390

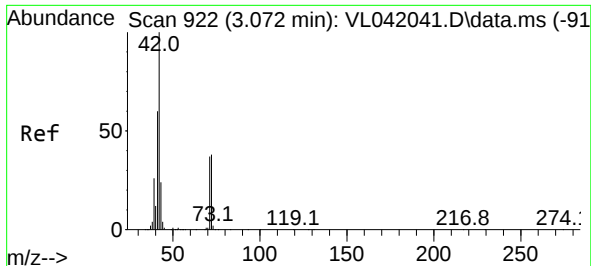
Delta R.T. 0.016 min

Lab File: VL042101.D

Acq: 05 Mar 2025 13:16

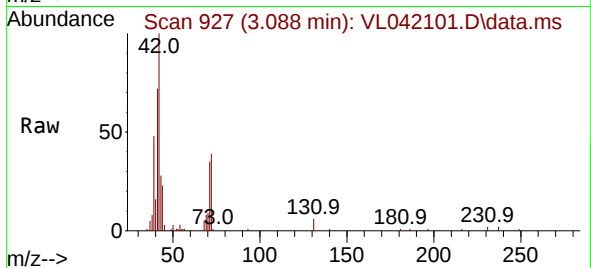
Tgt Ion:130	Resp: 2161401
Ion Ratio	Lower Upper
130 100	
95 109.4	89.5 134.3
132 94.5	73.8 110.6
97 73.4	58.8 88.2





#41
Tetrahydrofuran
Concen: 0.558 ppbv m
RT: 3.088 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

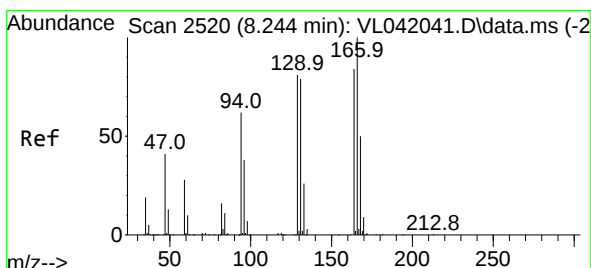
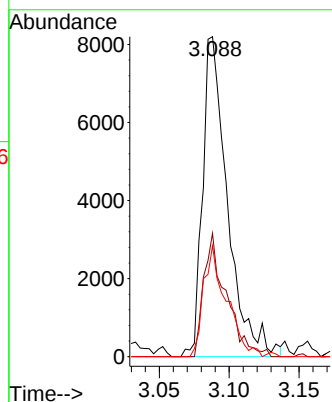
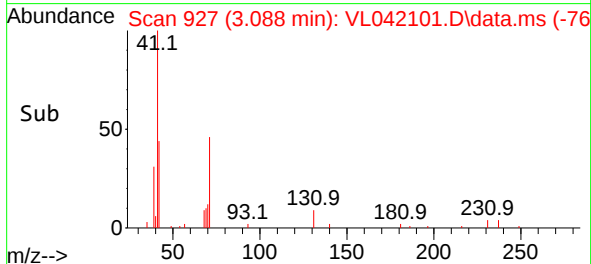
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 42 Resp: 1016
Ion Ratio Lower Upper
42 100
72 34.9 30.2 45.2
71 32.4 28.2 42.4

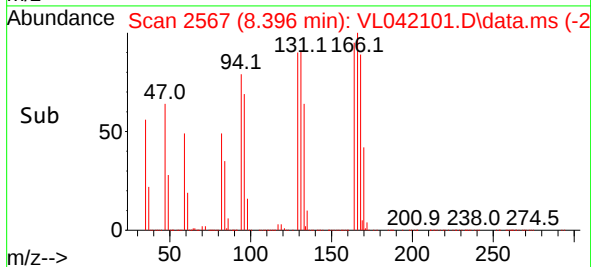
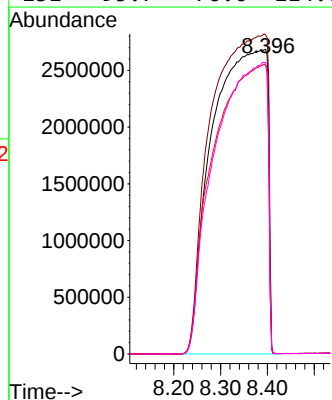
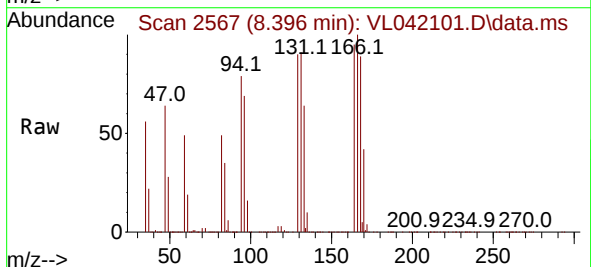
Manual Integrations
APPROVED

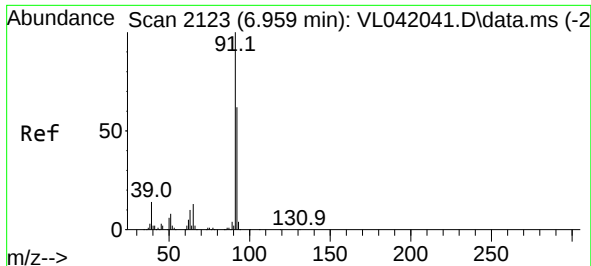
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#52
Tetrachloroethene
Concen: 1530.867 ppbv m
RT: 8.396 min Scan# 2567
Delta R.T. 0.152 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

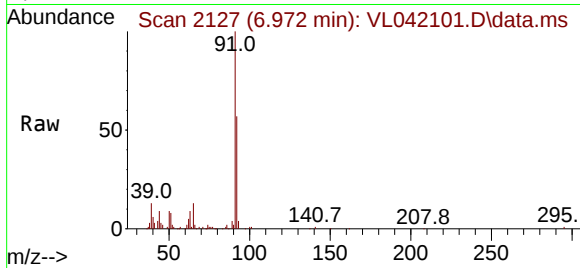
Tgt Ion:164 Resp:21700452
Ion Ratio Lower Upper
164 100
166 104.8 95.7 143.5
129 94.8 77.1 115.7
131 95.7 76.0 114.0





#53
Toluene
Concen: 1.130 ppbv m
RT: 6.972 min Scan# 2123
Delta R.T. 0.013 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

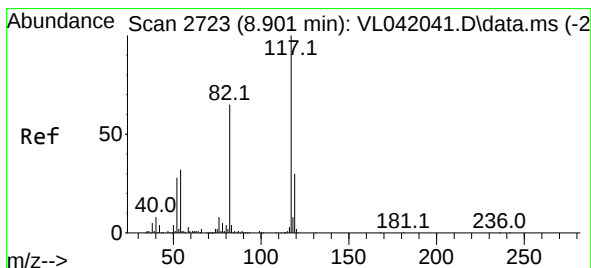
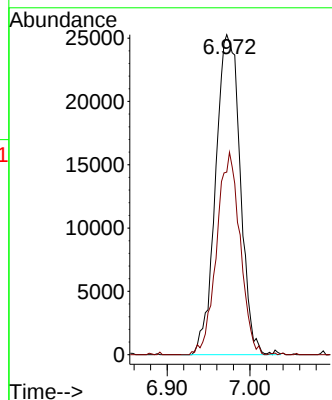
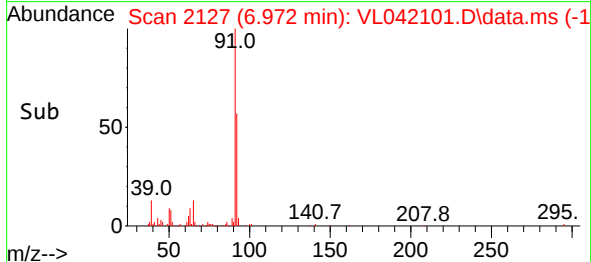
Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion: 91 Resp: 52294
Ion Ratio Lower Upper
91 100
92 60.1 49.0 73.6

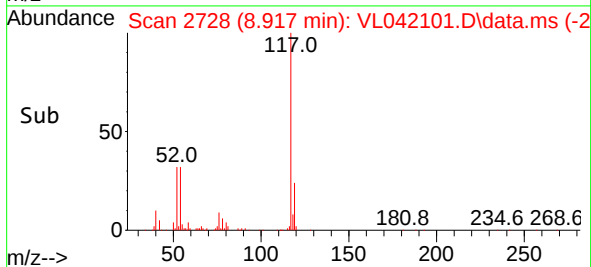
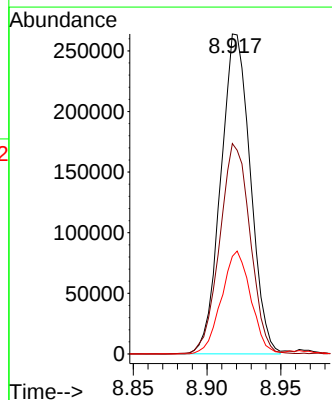
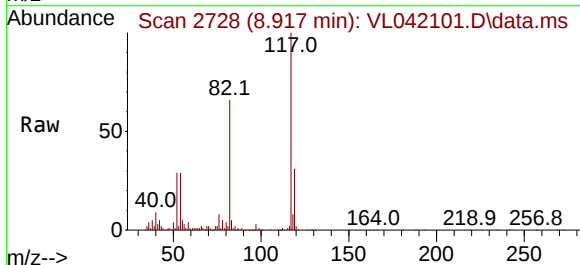
Manual Integrations
APPROVED

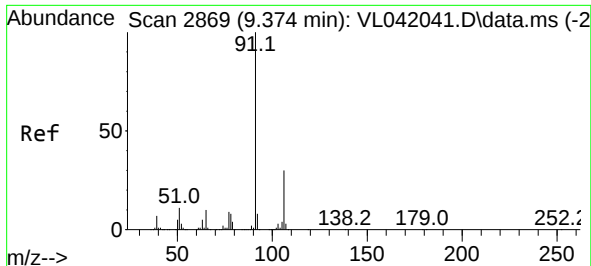
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.016 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Tgt Ion:117 Resp: 368402
Ion Ratio Lower Upper
117 100
82 67.9 55.0 82.6
119 32.9 25.9 38.9





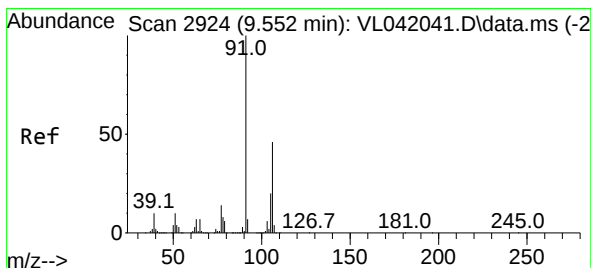
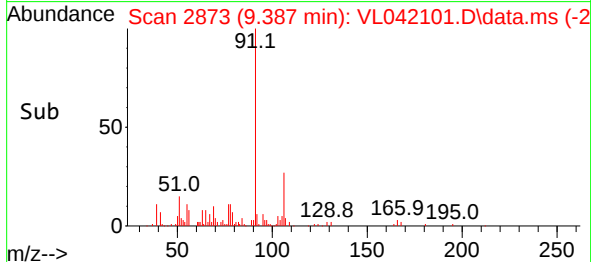
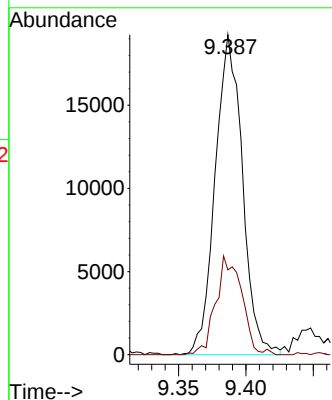
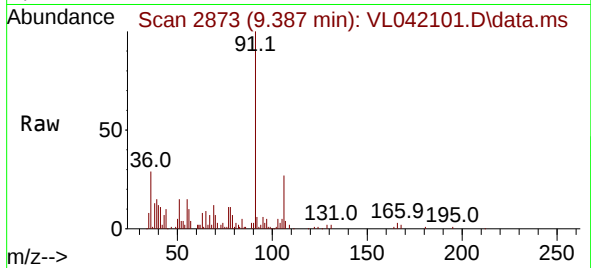
#58
Ethyl Benzene
Concen: 0.399 ppbv
RT: 9.387 min Scan# 2104
Delta R.T. 0.013 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion: 91 Resp: 2704
Ion Ratio Lower Upper
91 100
106 26.5 24.2 36.2

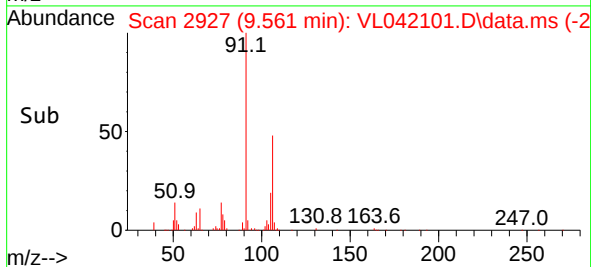
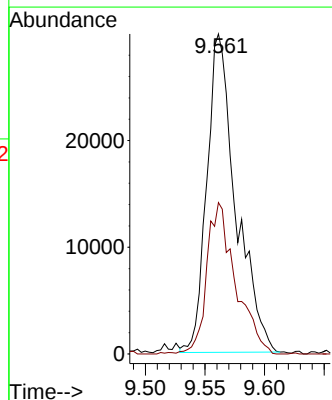
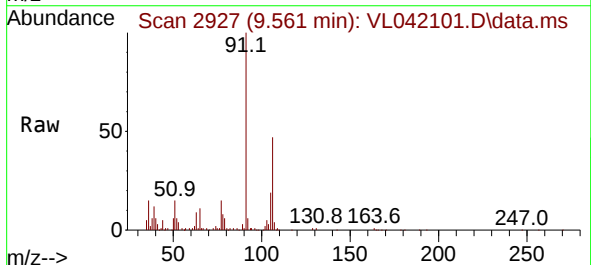
Manual Integrations
APPROVED

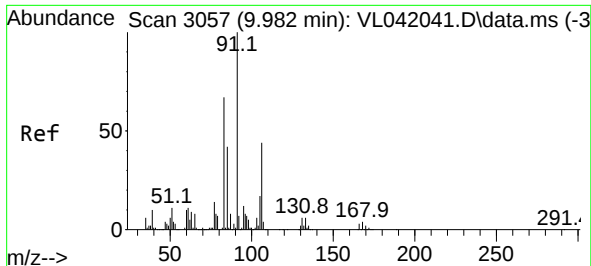
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#59
m/p-Xylene
Concen: 0.939 ppbv
RT: 9.561 min Scan# 2927
Delta R.T. 0.010 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

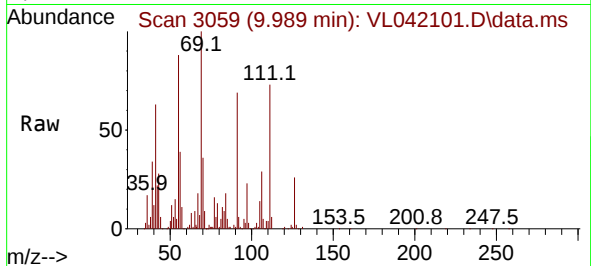
Tgt Ion: 91 Resp: 50697
Ion Ratio Lower Upper
91 100
106 47.1 0.0 0.0#





#60
o-Xylene
Concen: 0.506 ppbv
RT: 9.989 min Scan# 3057
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

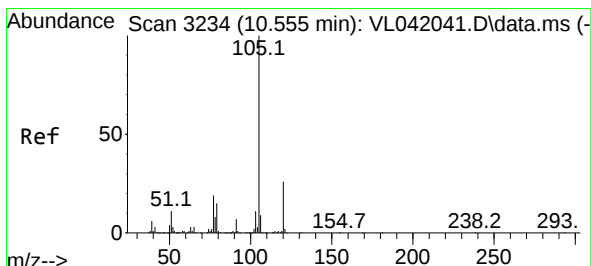
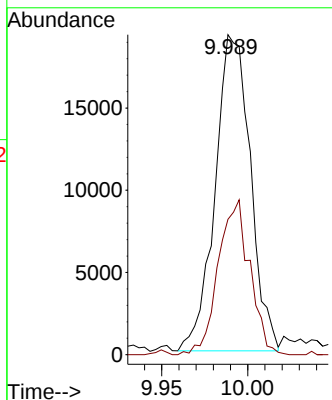
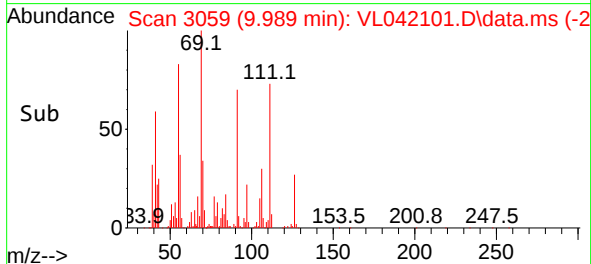
Instrument :
MSVOA_L
ClientSampleId :
SV3



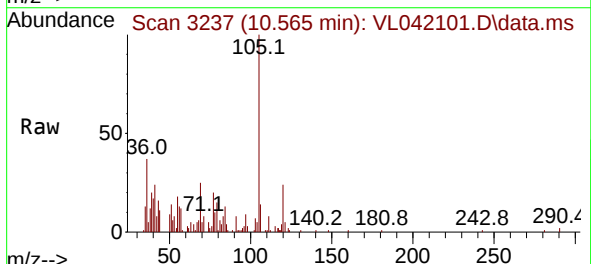
Tgt Ion: 91 Resp: 2744
Ion Ratio Lower Upper
91 100
106 44.2 22.3 66.8

Manual Integrations
APPROVED

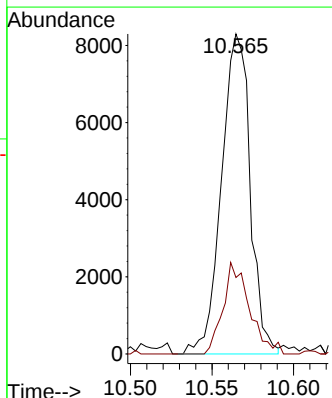
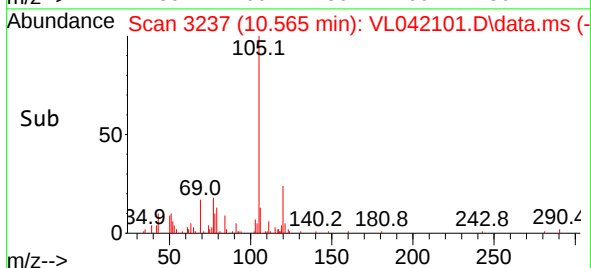
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

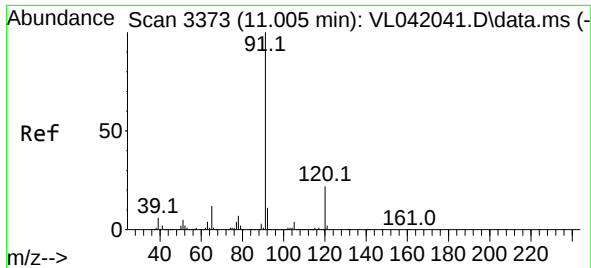


#62
Isopropylbenzene
Concen: 0.125 ppbv
RT: 10.565 min Scan# 3237
Delta R.T. 0.010 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16



Tgt Ion:105 Resp: 10157
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1





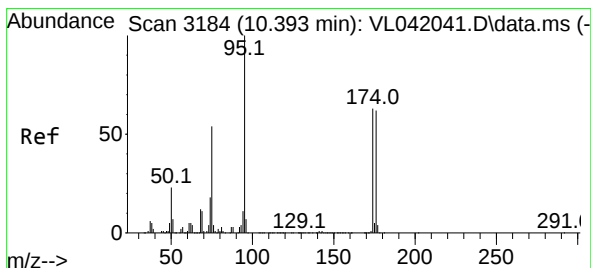
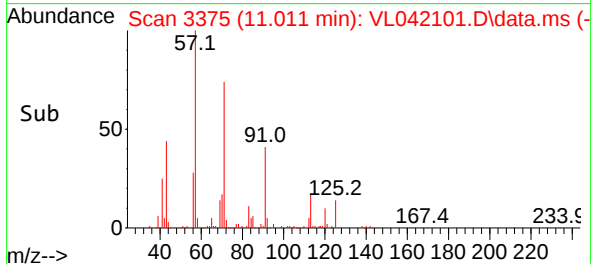
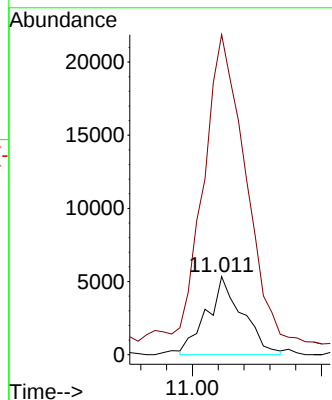
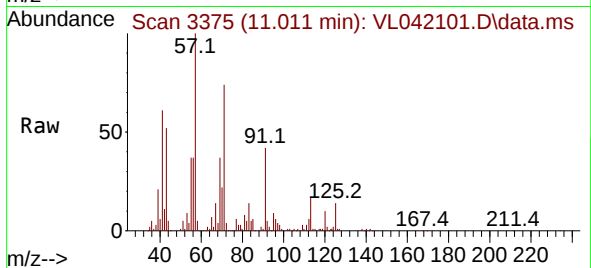
#64
n-propylbenzene
Concen: 0.240 ppbv
RT: 11.011 min Scan# 3187
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:120 Resp: 5108
Ion Ratio Lower Upper
120 100
91 528.3 370.6 556.0

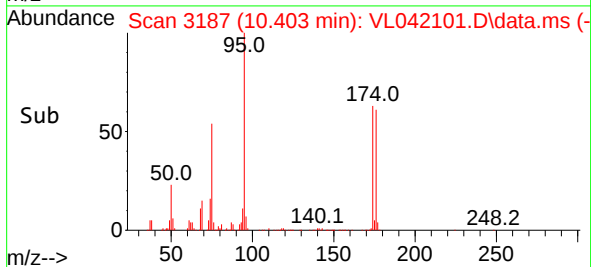
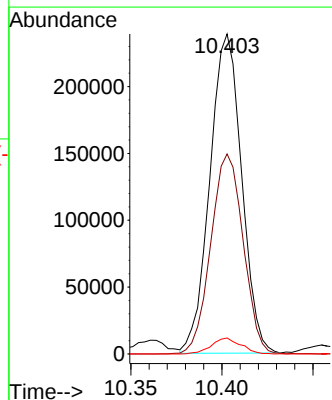
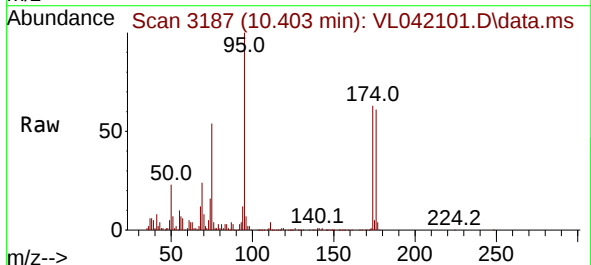
Manual Integrations
APPROVED

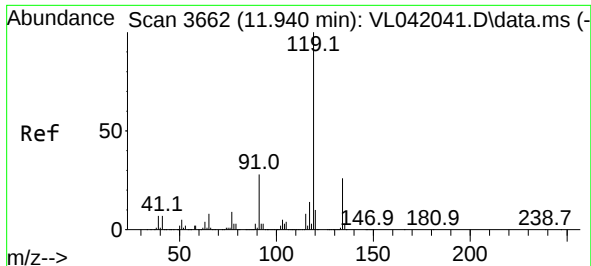
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#68
1-Bromo-4-Fluorobenzene
Concen: 10.218 ppbv
RT: 10.403 min Scan# 3187
Delta R.T. 0.010 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Tgt Ion: 95 Resp: 289610
Ion Ratio Lower Upper
95 100
174 63.8 51.8 77.6
175 4.7 3.9 5.9





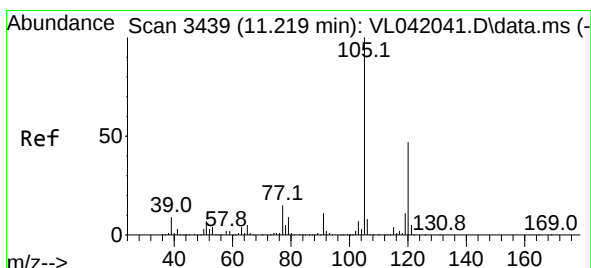
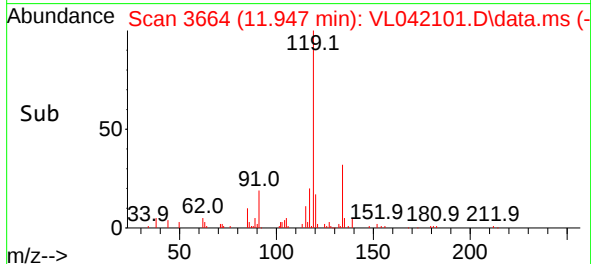
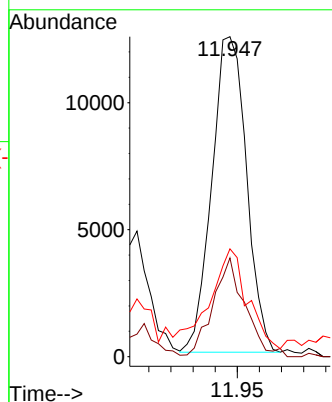
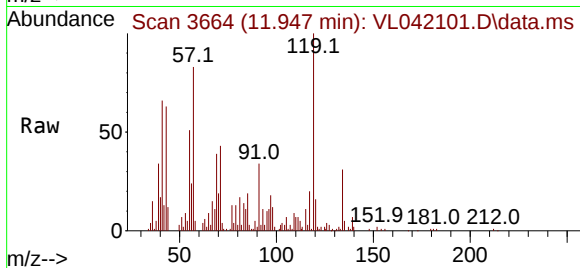
#69
p-Isopropyltoluene
Concen: 0.161 ppbv
RT: 11.947 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3

Tgt Ion:119 Resp: 1354
Ion Ratio Lower Upper
119 100
134 29.5 20.9 31.3
91 30.0 23.1 34.7

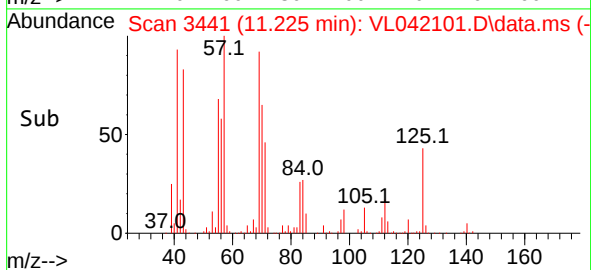
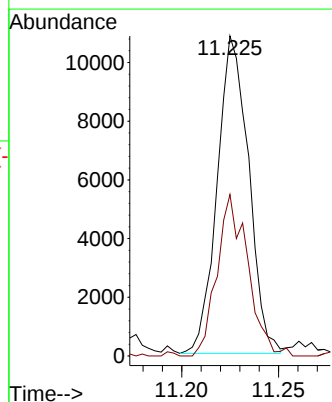
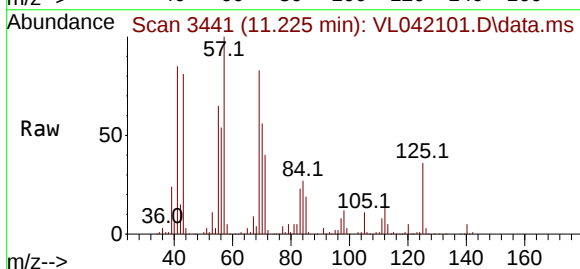
Manual Integrations
APPROVED

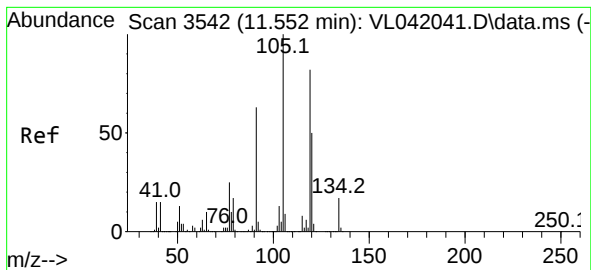
Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025



#73
1,3,5-Trimethylbenzene
Concen: 0.212 ppbv
RT: 11.225 min Scan# 3441
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

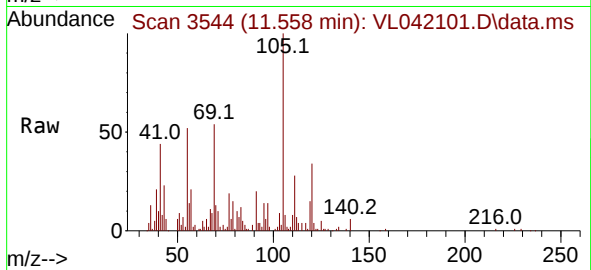
Tgt Ion:105 Resp: 12204
Ion Ratio Lower Upper
105 100
120 50.9 37.4 56.0





#74
1,2,4-Trimethylbenzene
Concen: 0.293 ppbv
RT: 11.558 min Scan# 3544
Delta R.T. 0.006 min
Lab File: VL042101.D
Acq: 05 Mar 2025 13:16

Instrument :
MSVOA_L
ClientSampleId :
SV3



Tgt Ion:	105	Resp:	18954
Ion Ratio	Lower	Upper	
105	100		
120	35.0	40.2	60.2
91	15.7	51.4	77.2
77	15.4	20.1	30.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/06/2025
Supervised By :Mahesh Dadoda 03/06/2025

