

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042925\
 Data File : VL042438.D
 Acq On : 29 Apr 2025 10:08
 Operator : SY/MD
 Sample : VL0429ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01

Quant Time: Apr 30 01:17:14 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

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2025
 Supervised By : Mahesh Dadoda 04/30/2025

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

Internal Standards						
1) Bromochloromethane	2.790	49	116772	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	317590	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	272312	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 10.380 95 253021 11.307 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 113.100%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	1.499	85	238539	11.562	ppbv	96
3) Chlorodifluoromethane	1.476	51	192670	9.807	ppbv	92
4) Chloromethane	1.534	50	89832	11.003	ppbv	94
5) Vinyl Chloride	1.580	62	85334	9.601	ppbv	99
6) Bromomethane	1.667	94	40758	10.676	ppbv	94
7) Chloroethane	1.706	64	33756	10.502	ppbv	97
8) Dichlorotetrafluoroethane	1.554	85	198106	11.184	ppbv	95
9) Propene	1.486	41	70111	7.836	ppbv	97
10) Heptane	4.981	43	190583	7.582	ppbv	99
11) Trichlorofluoromethane	1.877	101	225308	11.484	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	174111	10.854	ppbv	97
13) Ethanol	1.722	45	4137	2.909	ppbv	90
14) Bromoethene	1.783	108	64544	10.674	ppbv #	98
15) Acetone	1.835	43	189432	9.910	ppbv	98
16) 1,3-Butadiene	1.609	39	90473	9.895	ppbv	93
17) tert-Butyl alcohol	2.042	59	230217	9.718	ppbv	99
18) 1,1-Dichloroethene	2.036	96	76749	10.241	ppbv	96
19) Isopropyl Alcohol	1.887	45	103692	9.765	ppbv #	36
20) Methylene Chloride	2.062	84	67298	8.989	ppbv	91
21) Allyl Chloride	2.097	41	130014	9.851	ppbv	95
22) trans-1,2-Dichloroethene	2.340	96	84797	9.938	ppbv	90
23) Vinyl Acetate	2.463	43	61036	7.888	ppbv #	95
24) 1,1-Dichloroethane	2.408	63	177233	10.934	ppbv	98
25) Ethyl Acetate	2.839	43	416465	8.836	ppbv	99
26) Hexane	2.826	57	157544	8.260	ppbv	97
27) Carbon Disulfide	2.149	76	211824	10.372	ppbv	99
28) Methyl tert-Butyl Ether	2.441	73	116769	9.344	ppbv	94
29) Chloroform	2.852	83	286397	10.623	ppbv	96
30) Cyclohexane	3.858	84	132615	8.601	ppbv	95
31) cis-1,2-Dichloroethene	2.722	61	174328	9.613	ppbv	99
32) 1,1,1-Trichloroethane	3.369	97	312429	10.294	ppbv	99
34) 2-Butanone	2.560	43	233037	9.278	ppbv	98
35) Carbon Tetrachloride	3.764	117	317207	11.036	ppbv	93
36) Benzene	3.658	78	317350	9.264	ppbv	96
37) 1,2-Dichloroethane	3.221	62	247446	12.035	ppbv #	96
38) Trichloroethene	4.551	130	127601	8.523	ppbv	91
39) 1,2-Dichloropropane	4.318	63	115449	9.044	ppbv	92
40) 1,4-Dioxane	4.586	88	52820	7.529	ppbv #	92
41) Tetrahydrofuran	3.055	42	124059	8.471	ppbv	98
42) Bromodichloromethane	4.493	83	317253	11.088	ppbv	99
43) Methyl Methacrylate	4.881	69	123817m	8.020	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	531439	8.983	ppbv	95
45) t-1,3-Dichloropropene	6.418	75	140981	8.940	ppbv	100

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 VL0429ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 30 01:17:14 2025

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

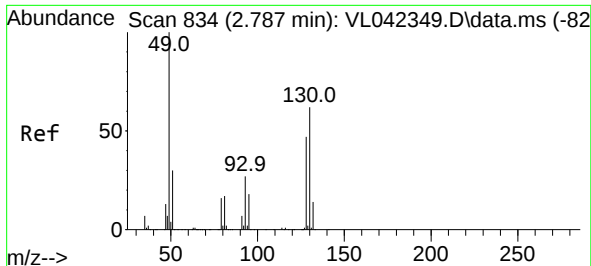
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	170063	8.811	ppbv #	84
47) 1,1,2-Trichloroethane	6.583	97	128662	9.893	ppbv	95
48) Dibromochloromethane	7.389	129	233350	10.156	ppbv	100
49) Bromoform	9.487	173	189484	9.431	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	327508	7.846	ppbv	98
51) 2-Hexanone	7.438	43	262697	7.018	ppbv #	95
52) Tetrachloroethene	8.228	164	106031	8.008	ppbv	90
53) Toluene	6.936	91	363707	8.848	ppbv	99
54) 1,2-Dibromoethane	7.658	107	178709	9.601	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.930	131	180979	10.981	ppbv	96
57) Chlorobenzene	8.924	112	290861	10.270	ppbv	99
58) Ethyl Benzene	9.357	91	545497	10.111	ppbv	98
59) m/p-Xylene	9.555	91	906532m	20.857	ppbv	
60) o-Xylene	9.966	91	465645	10.639	ppbv	94
61) Styrene	9.872	104	191741	9.178	ppbv	97
62) Isopropylbenzene	10.542	105	667839	10.393	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.966	83	278491	9.819	ppbv	99
64) n-propylbenzene	10.992	120	161309	9.987	ppbv	91
65) tert-Butylbenzene	11.535	119	605972	10.260	ppbv	98
66) Benzyl Chloride	11.620	91	46913	7.229	ppbv	99
67) sec-Butylbenzene	11.772	105	868275	10.569	ppbv	98
69) p-Isopropyltoluene	11.927	119	733796	10.282	ppbv	96
70) n-Butylbenzene	12.283	91	796622	10.717	ppbv	98
71) 2-Chlorotoluene	10.904	91	534951	10.614	ppbv	96
72) 4-Ethyltoluene	11.128	105	553879	10.351	ppbv	97
73) 1,3,5-Trimethylbenzene	11.205	105	491459	10.403	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	548408	9.939	ppbv #	86
75) 1,3-Dichlorobenzene	11.610	146	284809	9.931	ppbv	97
76) 1,4-Dichlorobenzene	11.675	146	285571	9.907	ppbv	98
77) 1,2-Dichlorobenzene	11.950	146	282424	10.128	ppbv	96
78) Hexachloro-1,3-Butadiene	13.885	225	280954	9.977	ppbv	98
79) Naphthalene	13.516	128	621879	9.425	ppbv	100
80) Naphthalene,2-methyl-	14.458	142	312733	8.317	ppbv	95
81) 1,2,4-Trichlorobenzene	13.442	180	269082	9.498	ppbv	99

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

Manual Integrations APPROVED

Quant Time: Apr 30 01:17:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Apr 18 02:14:00 2025
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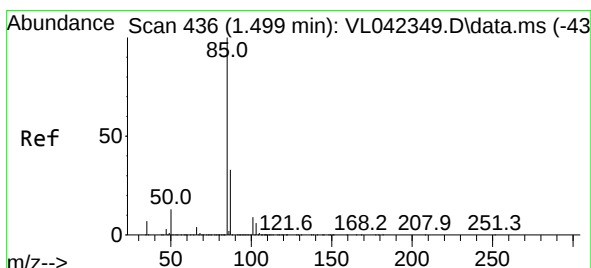
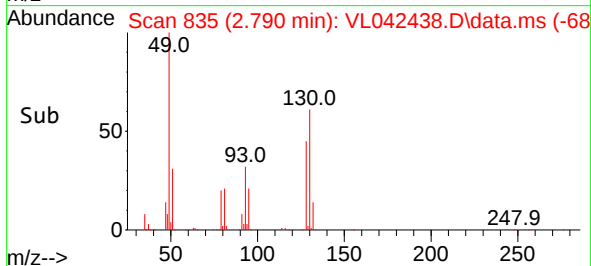
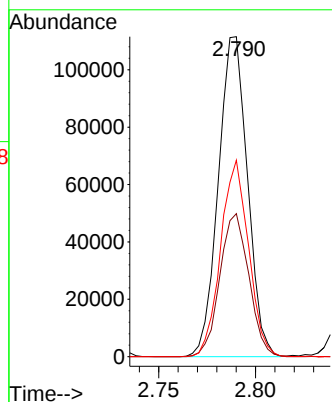
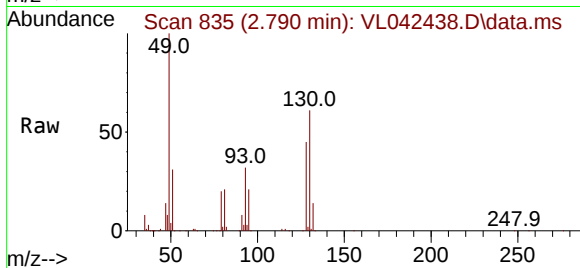
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 49 Resp: 116772
Ion Ratio Lower Upper
49 100
128 44.5 22.8 68.4
130 58.8 29.3 88.0

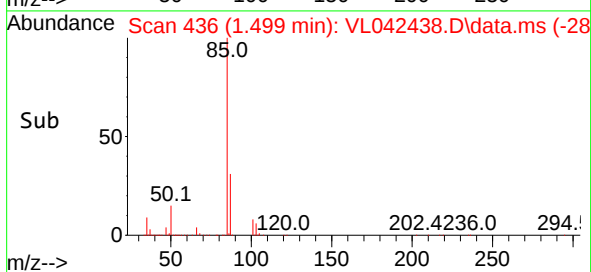
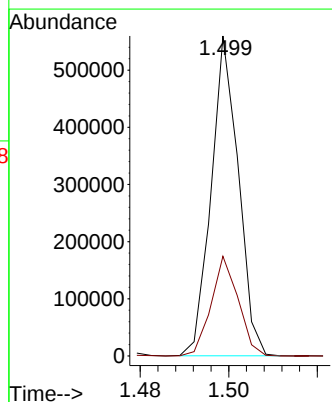
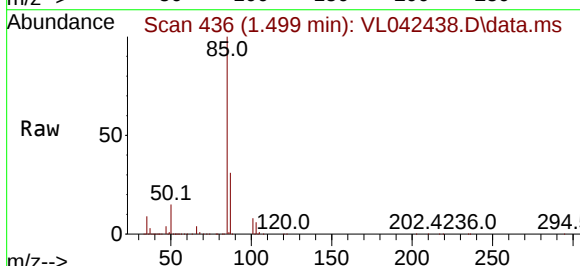
Manual Integrations
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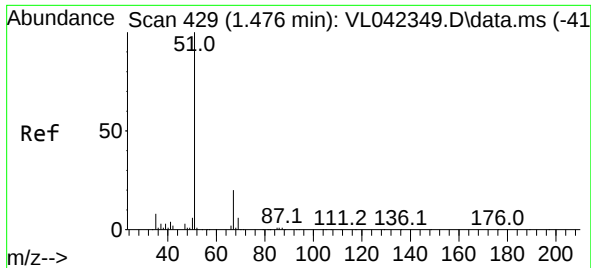
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#2
Dichlorodifluoromethane
Concen: 11.562 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 85 Resp: 238539
Ion Ratio Lower Upper
85 100
87 31.2 26.6 39.8





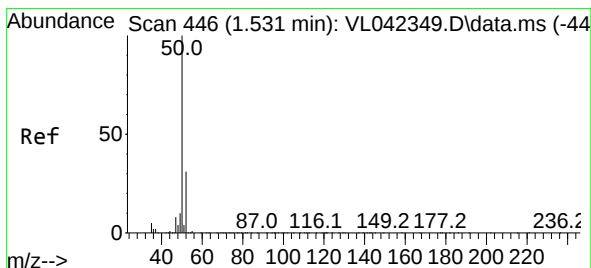
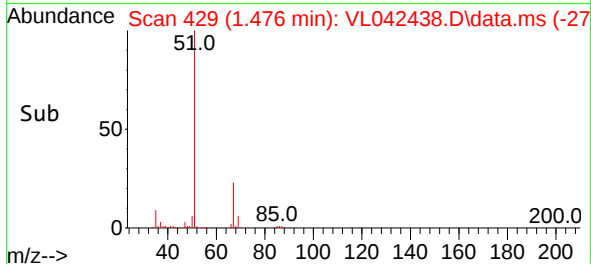
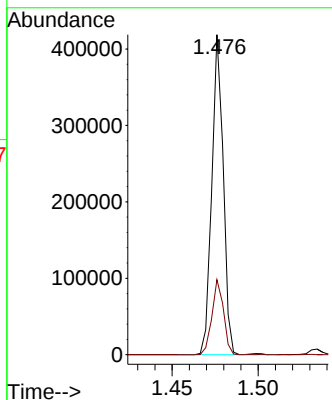
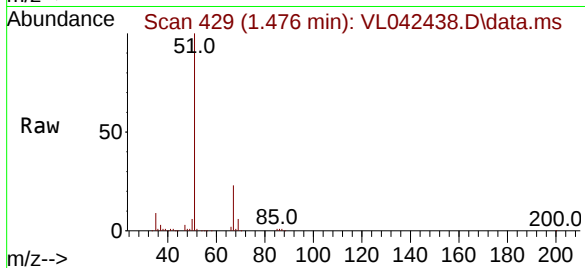
#3
Chlorodifluoromethane
Concen: 9.807 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 51 Resp: 192670
Ion Ratio Lower Upper
51 100
67 23.8 16.2 24.4

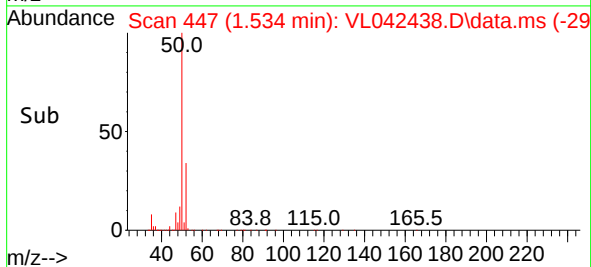
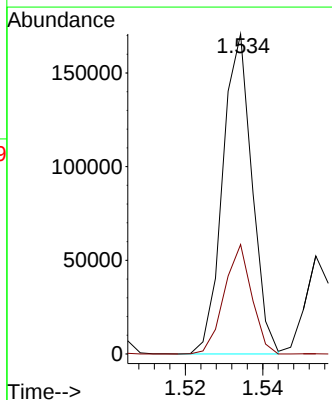
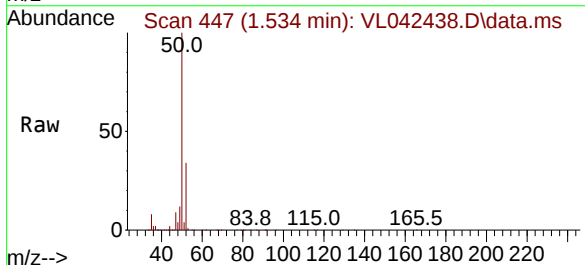
Manual Integrations
APPROVED

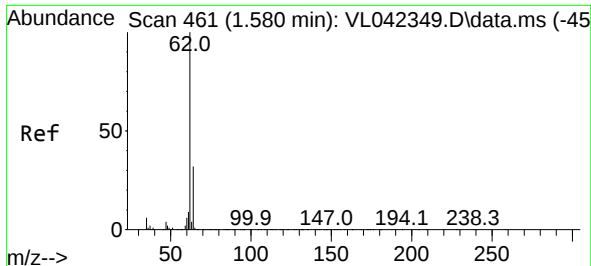
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#4
Chloromethane
Concen: 11.003 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

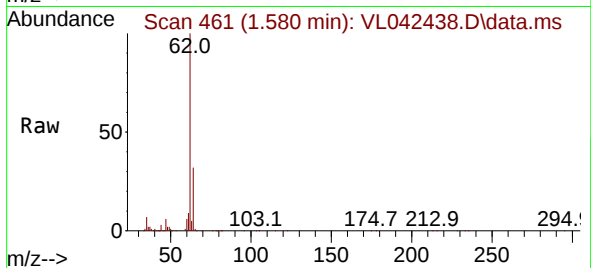
Tgt Ion: 50 Resp: 89832
Ion Ratio Lower Upper
50 100
52 34.2 24.7 37.1





#5
 Vinyl Chloride
 Concen: 9.601 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

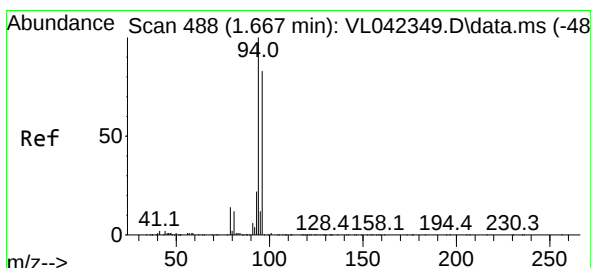
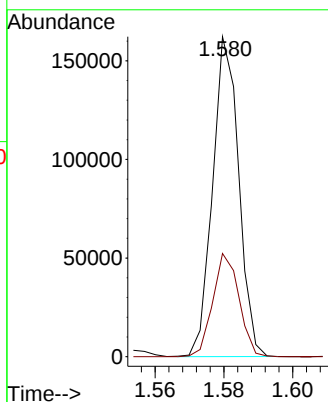
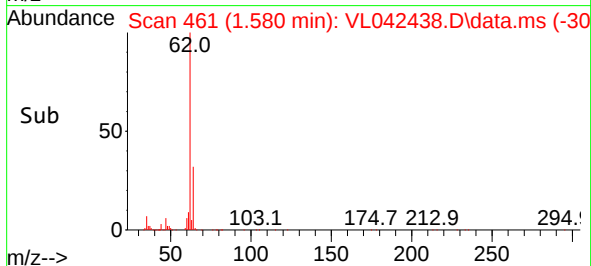
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



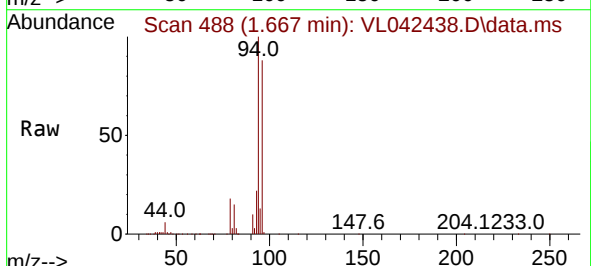
Tgt Ion: 62 Resp: 85334
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.4 38.0

Manual Integrations
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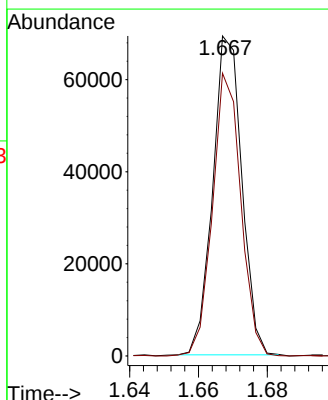
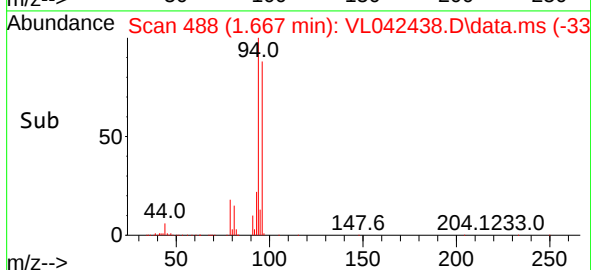
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

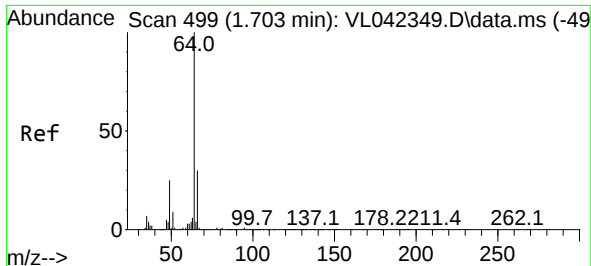


#6
 Bromomethane
 Concen: 10.676 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08



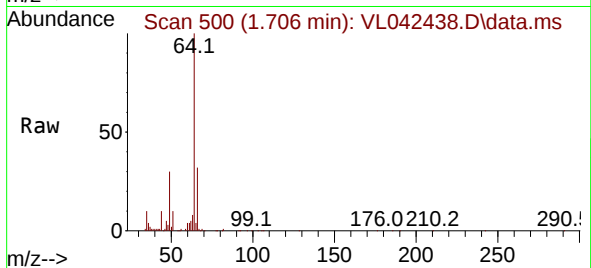
Tgt Ion: 94 Resp: 40758
 Ion Ratio Lower Upper
 94 100
 96 88.5 66.2 99.2





#7
Chloroethane
Concen: 10.502 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

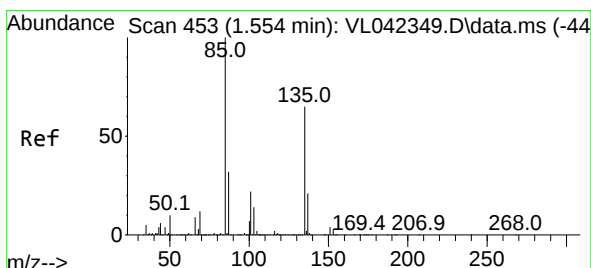
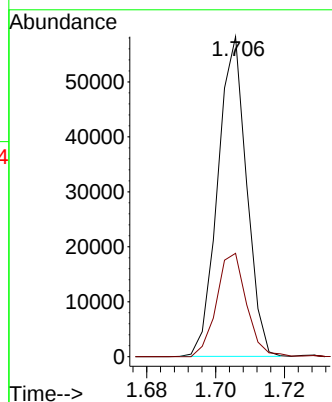
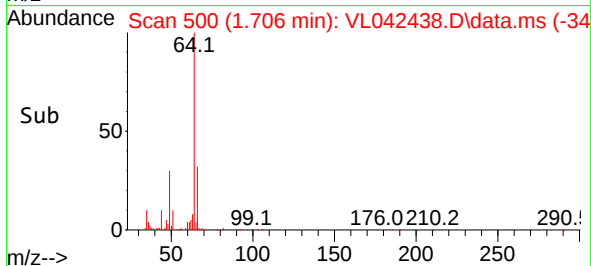
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



Tgt Ion: 64 Resp: 33750
Ion Ratio Lower Upper
64 100
66 32.3 24.6 37.0

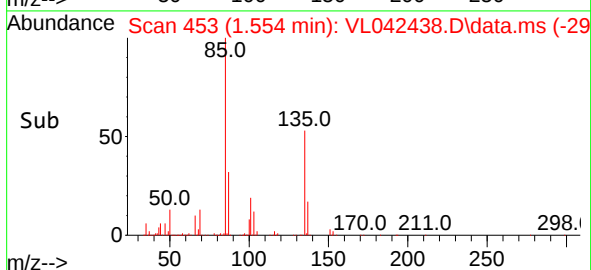
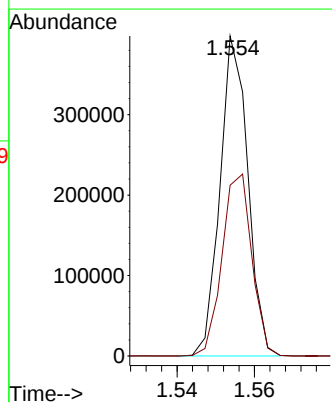
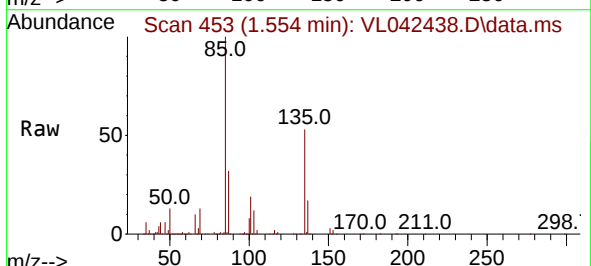
Manual Integrations
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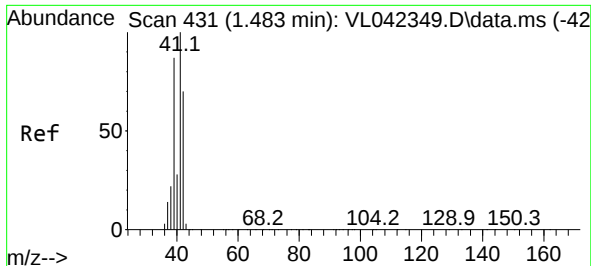
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#8
Dichlorotetrafluoroethane
Concen: 11.184 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 85 Resp: 198106
Ion Ratio Lower Upper
85 100
135 61.2 52.2 78.2





#9

Propene

Concen: 7.836 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042438.D

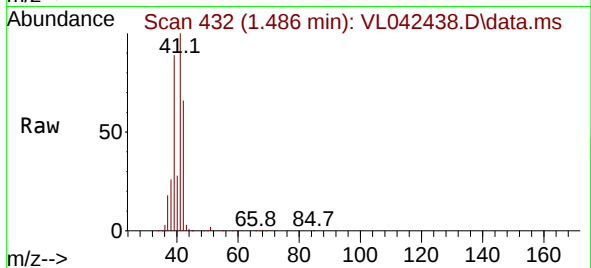
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Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

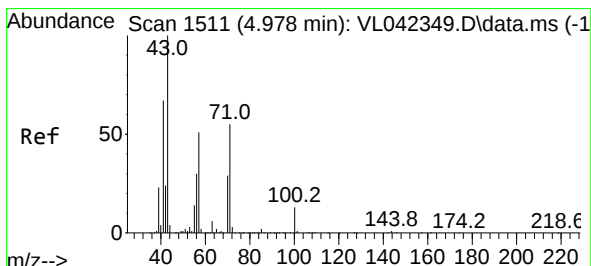
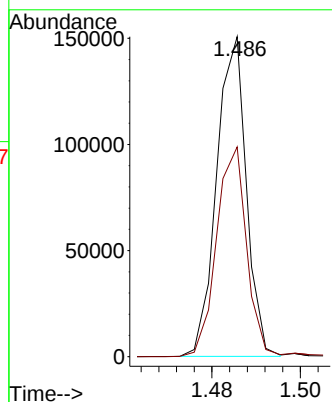
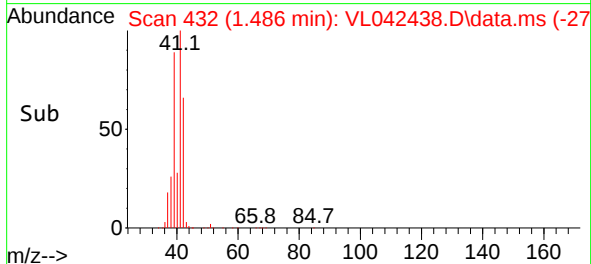


Tgt Ion: 41 Resp: 7011

Ion	Ratio	Lower	Upper
41	100		
42	67.7	56.2	84.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#10

Heptane

Concen: 7.582 ppbv

RT: 4.981 min Scan# 1512

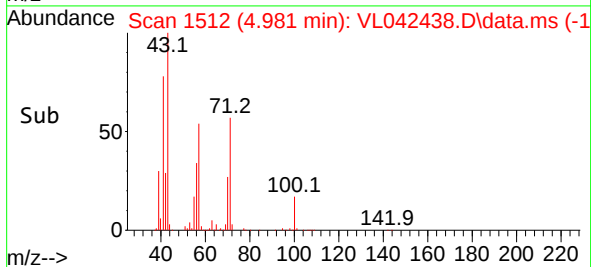
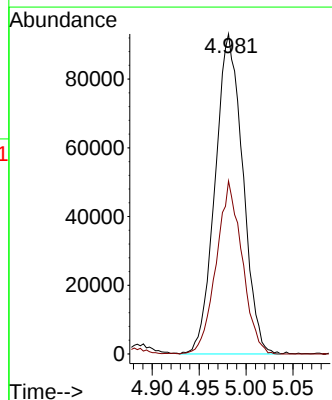
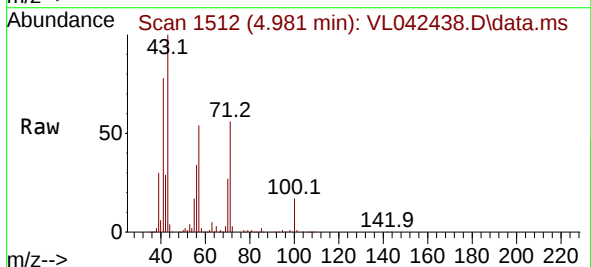
Delta R.T. 0.003 min

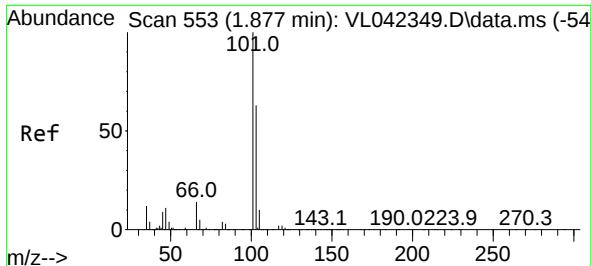
Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Tgt Ion: 43 Resp: 190583

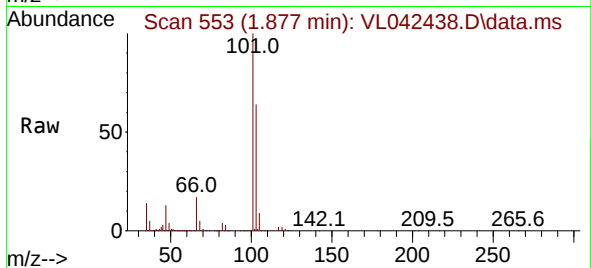
Ion	Ratio	Lower	Upper
43	100		
57	50.6	39.9	59.9





#11
 Trichlorofluoromethane
 Concen: 11.484 ppbv
 RT: 1.877 min Scan# 553
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

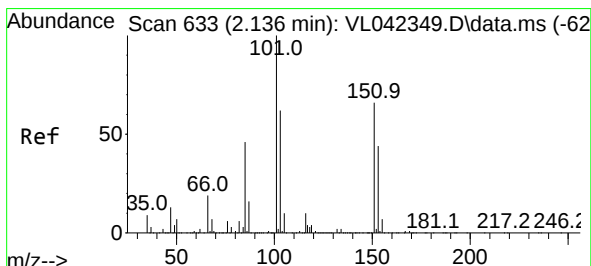
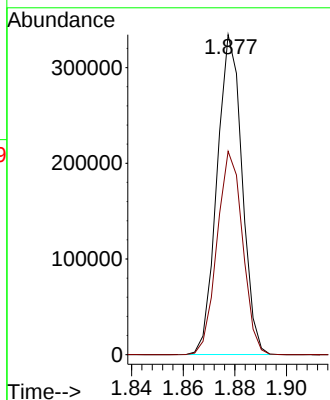
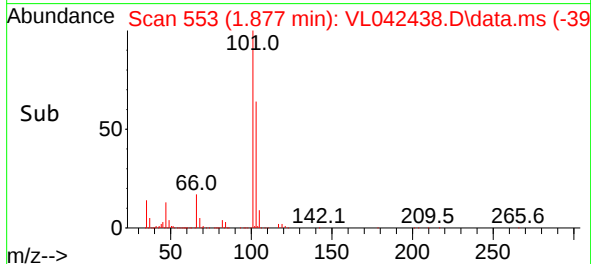
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



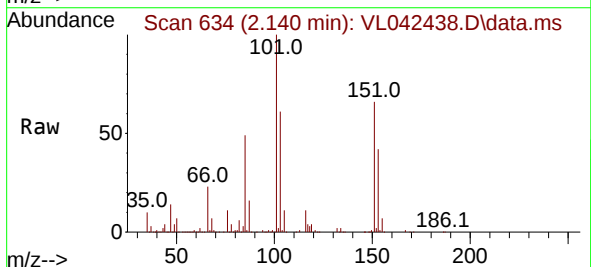
Tgt Ion:101 Resp: 225308
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1

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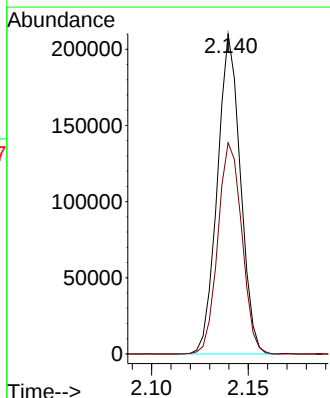
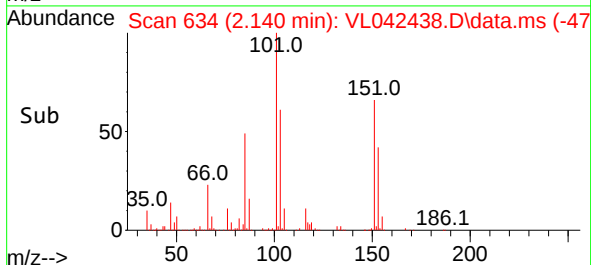
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

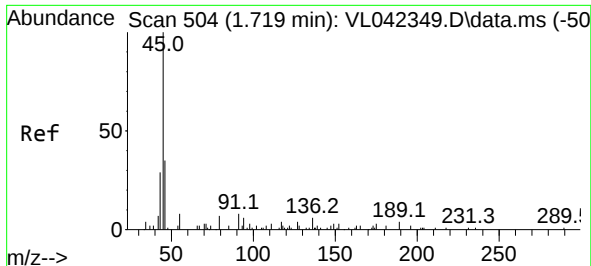


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.854 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08



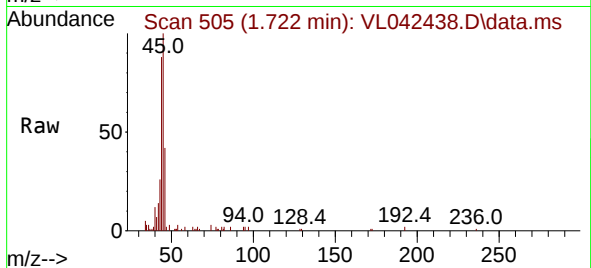
Tgt Ion:101 Resp: 174111
 Ion Ratio Lower Upper
 101 100
 151 68.5 57.0 85.6





#13
Ethanol
Concen: 2.909 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

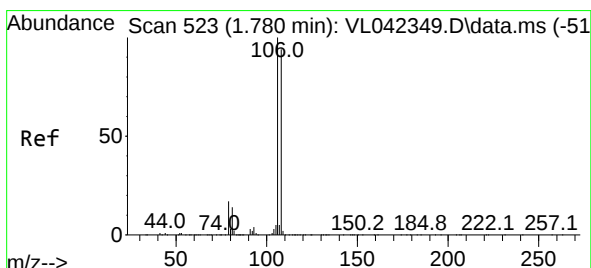
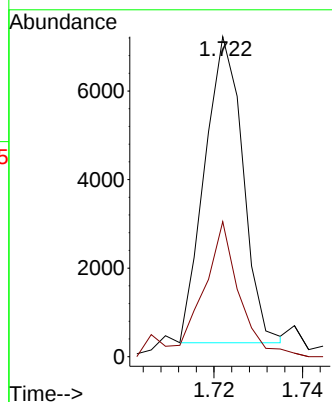
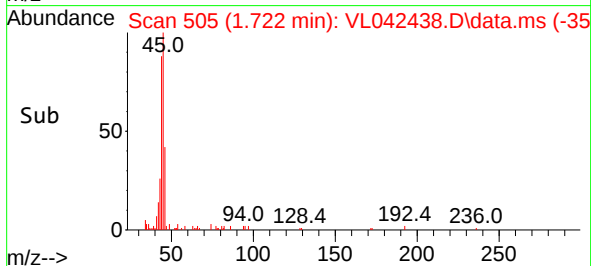
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



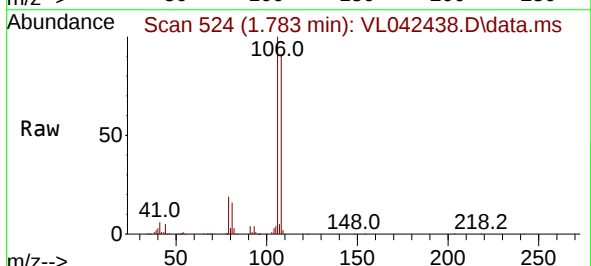
Tgt Ion: 45 Resp: 413
Ion Ratio Lower Upper
45 100
46 47.5 21.9 87.7

Manual Integrations
APPROVED

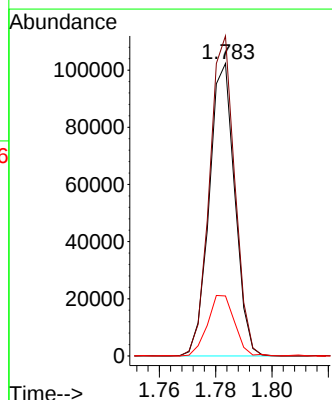
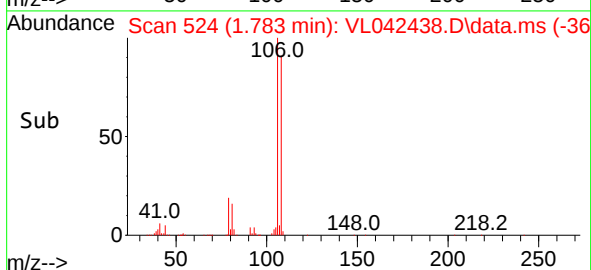
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

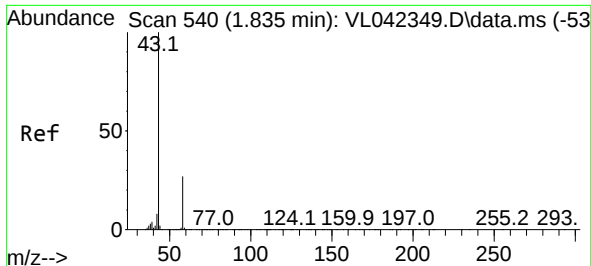


#14
Bromoethene
Concen: 10.674 ppbv
RT: 1.783 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



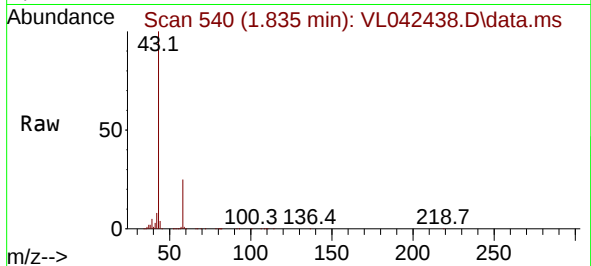
Tgt Ion:108 Resp: 64544
Ion Ratio Lower Upper
108 100
106 108.0 85.9 128.9
79 22.1 13.9 20.9#





#15
Acetone
Concen: 9.910 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

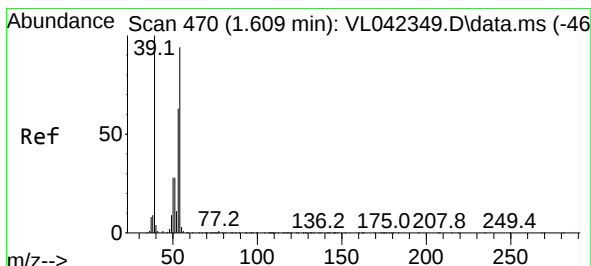
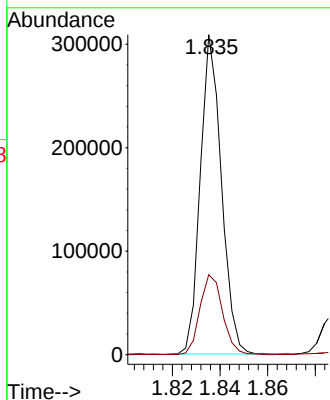
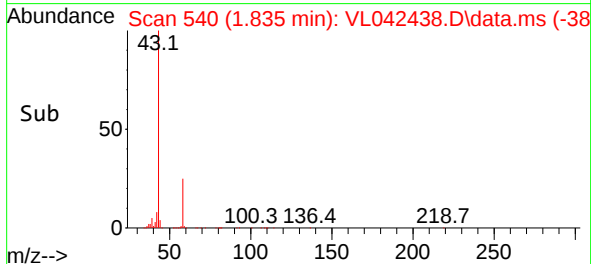
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



Tgt Ion: 43 Resp: 189432
Ion Ratio Lower Upper
43 100
58 27.1 22.4 33.6

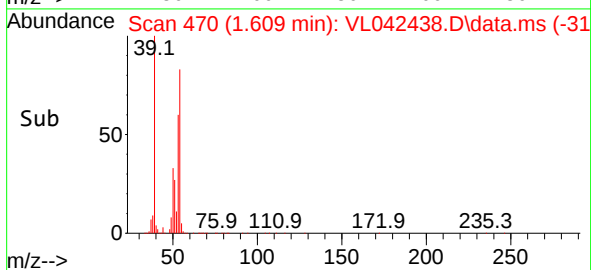
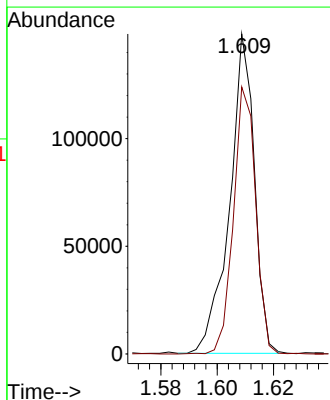
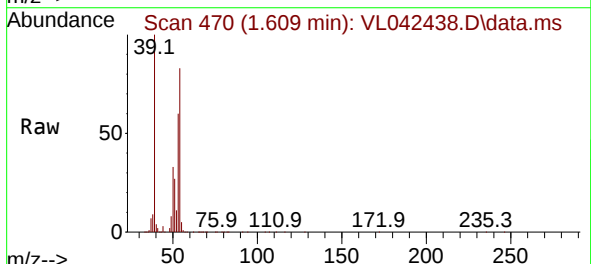
Manual Integrations
APPROVED

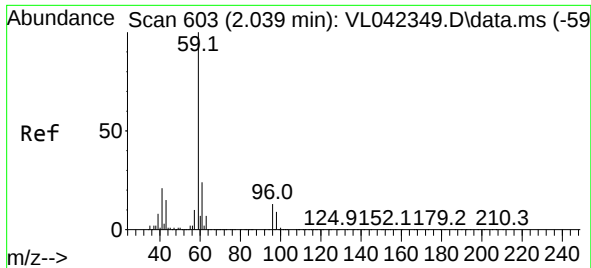
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#16
1,3-Butadiene
Concen: 9.895 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 39 Resp: 90473
Ion Ratio Lower Upper
39 100
54 75.1 64.9 97.3





#17

tert-Butyl alcohol

Concen: 9.718 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

Tgt Ion: 59 Resp: 23021

Ion Ratio Lower Upper

59 100

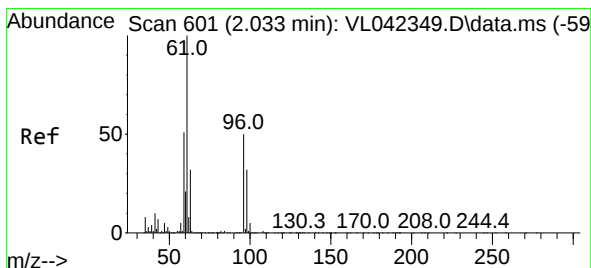
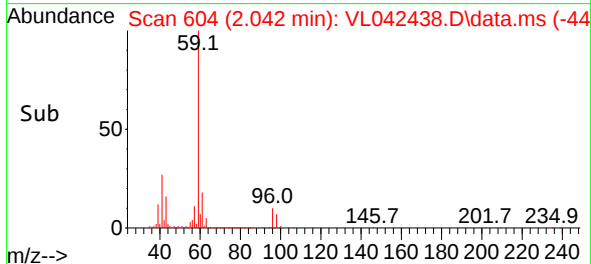
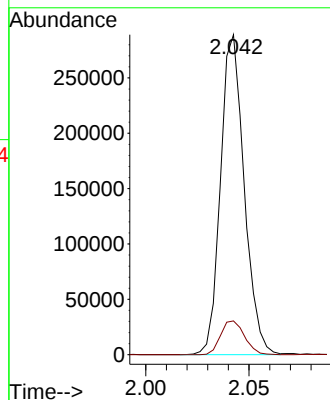
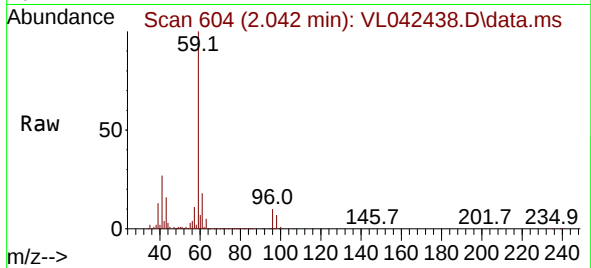
57 10.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#18

1,1-Dichloroethene

Concen: 10.241 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

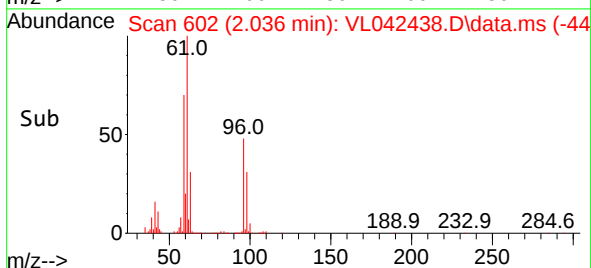
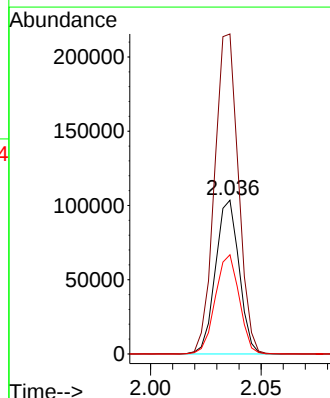
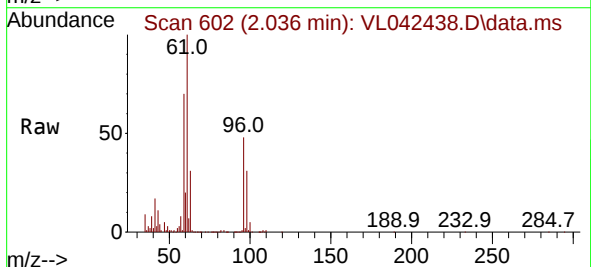
Tgt Ion: 96 Resp: 76749

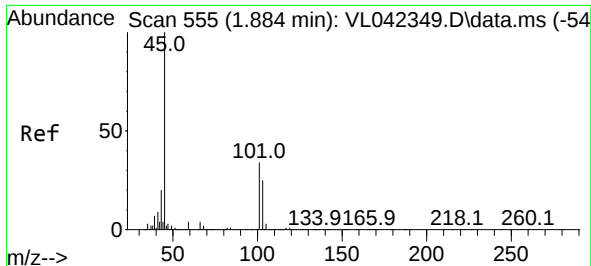
Ion Ratio Lower Upper

96 100

61 208.1 160.2 240.2

98 64.5 51.0 76.4





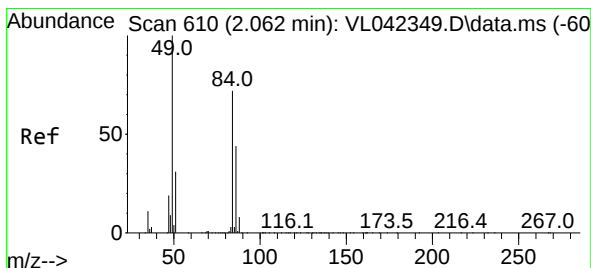
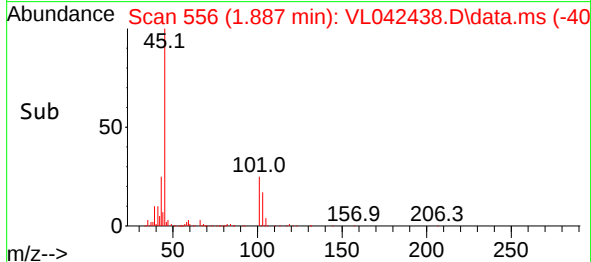
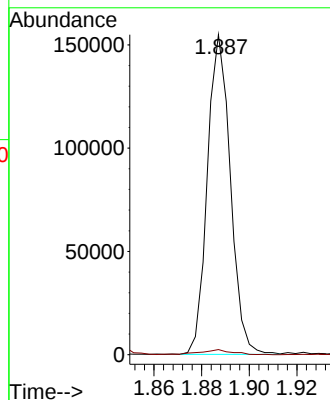
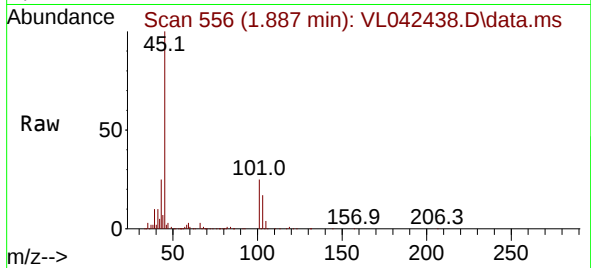
#19
Isopropyl Alcohol
Concen: 9.765 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 45 Resp: 103692
Ion Ratio Lower Upper
45 100
58 2.2 34.5 51.7

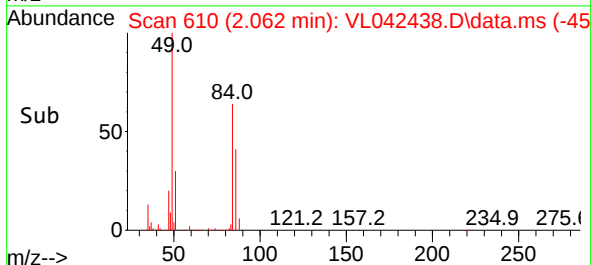
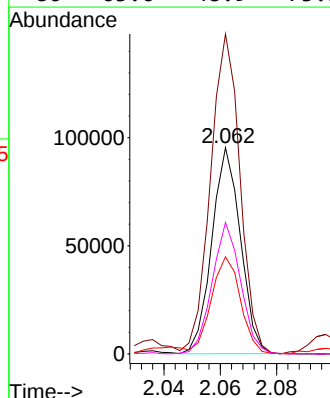
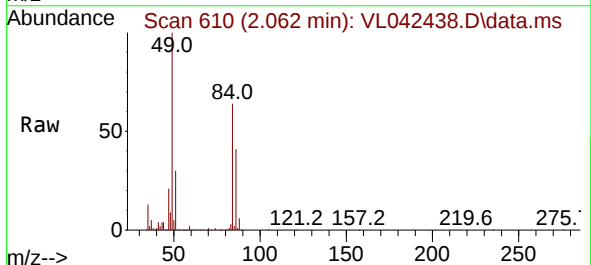
Manual Integrations
APPROVED

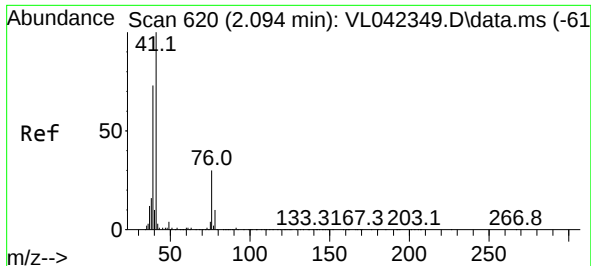
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#20
Methylene Chloride
Concen: 8.989 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 84 Resp: 67298
Ion Ratio Lower Upper
84 100
49 155.2 111.6 167.4
51 47.0 35.1 52.7
86 63.6 48.9 73.3





#21
 Allyl Chloride
 Concen: 9.851 ppbv
 RT: 2.097 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

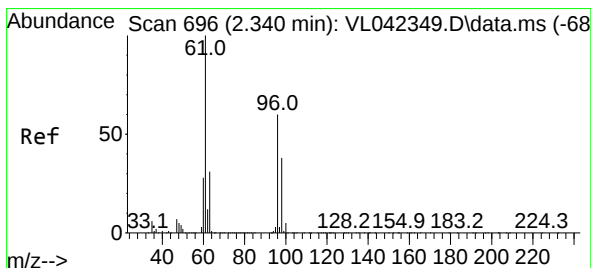
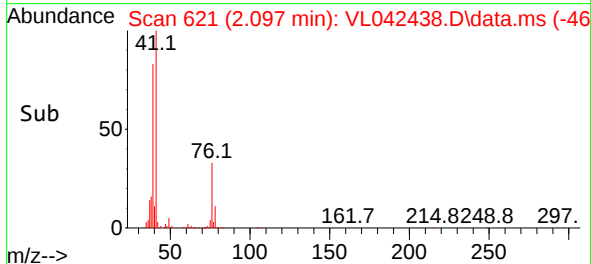
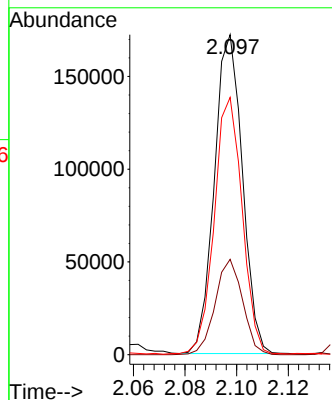
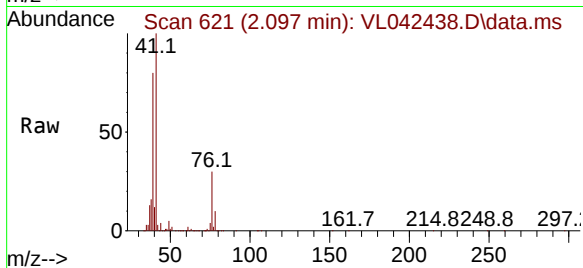
ClientSampleId :

VL0429ABS01

Tgt Ion: 41 Resp: 130014
 Ion Ratio Lower Upper
 41 100
 76 29.2 24.8 37.2
 39 80.1 60.6 90.8

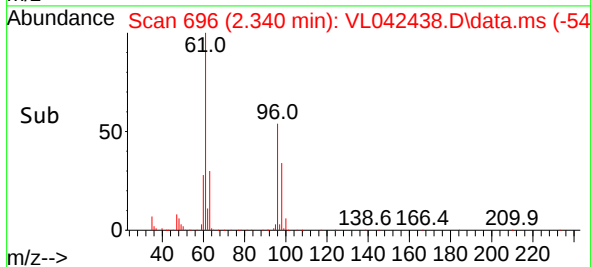
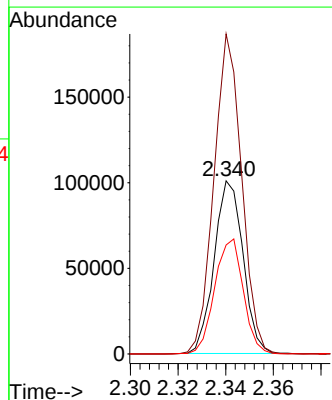
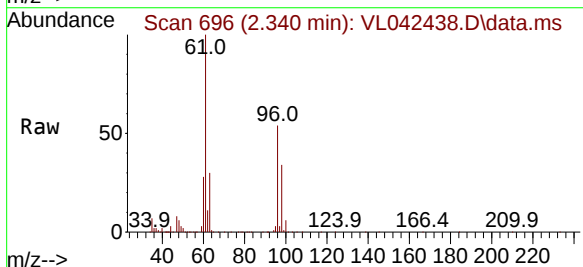
Manual Integrations
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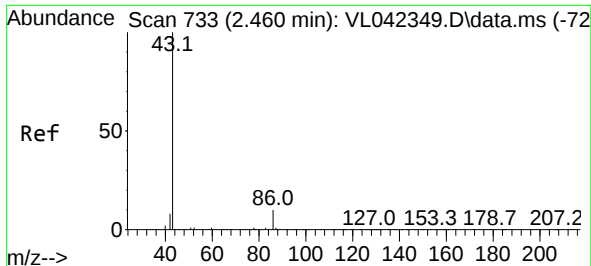
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.938 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Tgt Ion: 96 Resp: 84797
 Ion Ratio Lower Upper
 96 100
 61 185.1 133.7 200.5
 98 63.1 50.3 75.5





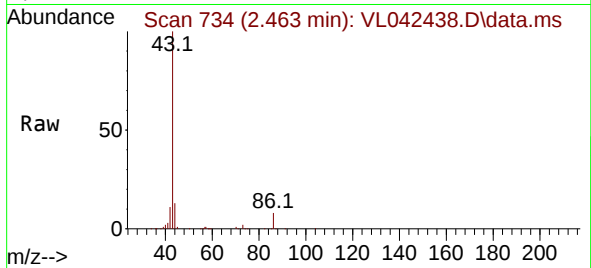
#23
 Vinyl Acetate
 Concen: 7.888 ppbv
 RT: 2.463 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

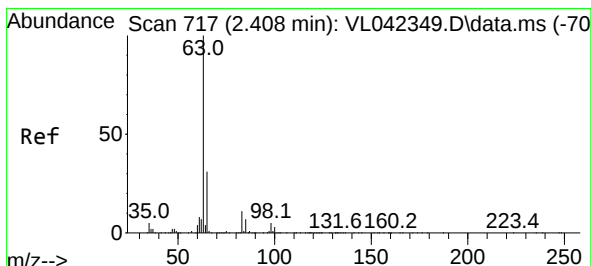
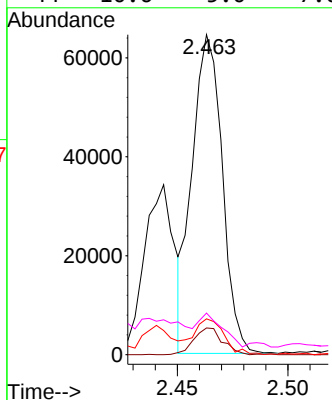
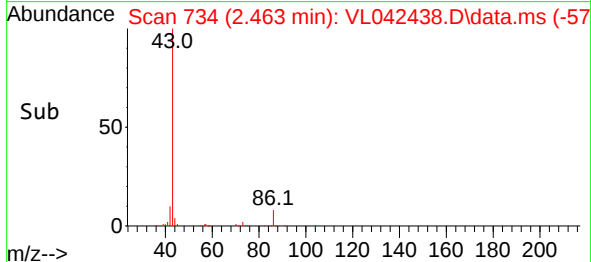
VL0429ABS01



Tgt Ion: 43 Resp: 61030
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.5 9.7
 42 11.0 7.8 11.8
 44 10.6 5.0 7.6#

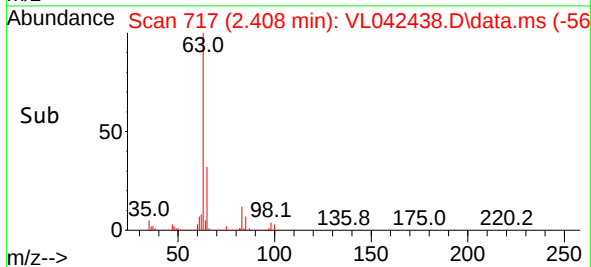
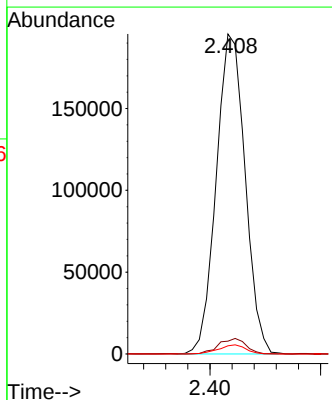
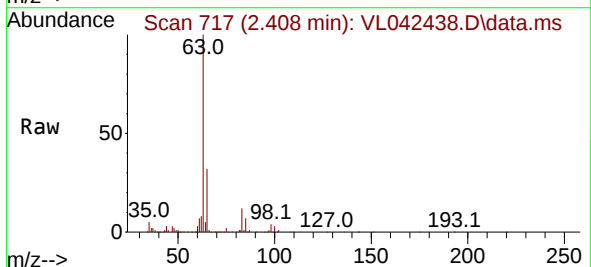
Manual Integrations
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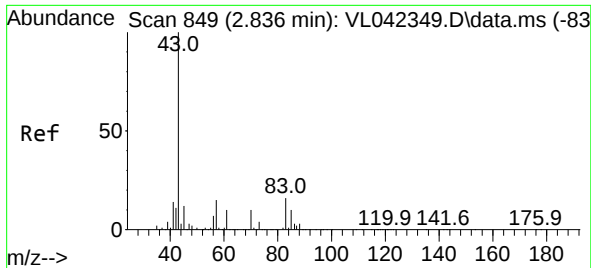
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#24
 1,1-Dichloroethane
 Concen: 10.934 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Tgt Ion: 63 Resp: 177233
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.3 6.8
 100 2.6 1.6 4.8





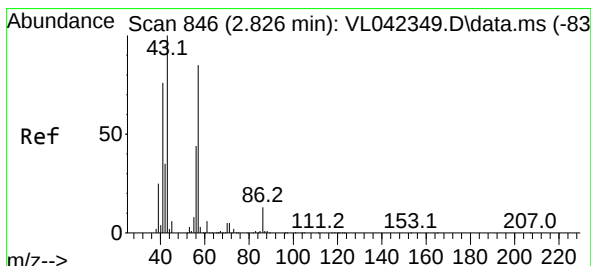
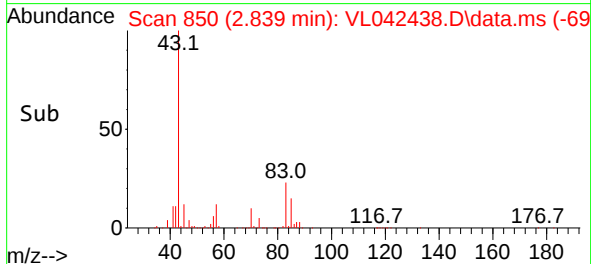
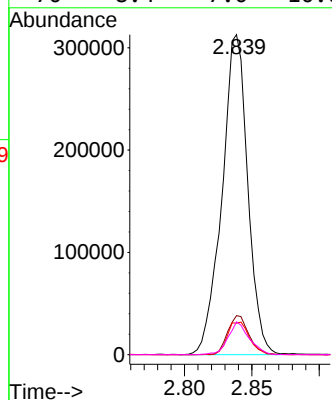
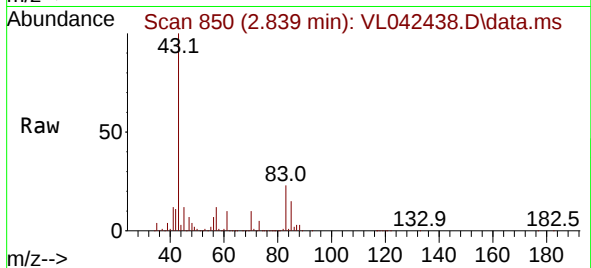
#25
Ethyl Acetate
Concen: 8.836 ppbv
RT: 2.839 min Scan# 849
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 43 Resp: 41646
Ion Ratio Lower Upper
43 100
45 10.0 8.3 12.5
61 8.8 7.3 10.9
70 8.4 7.0 10.6

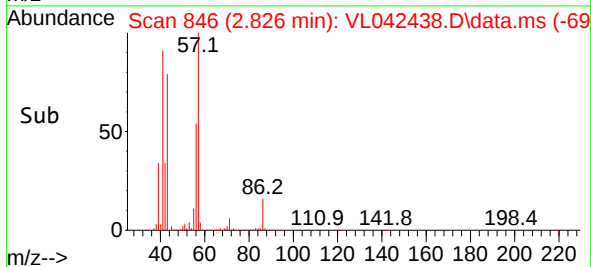
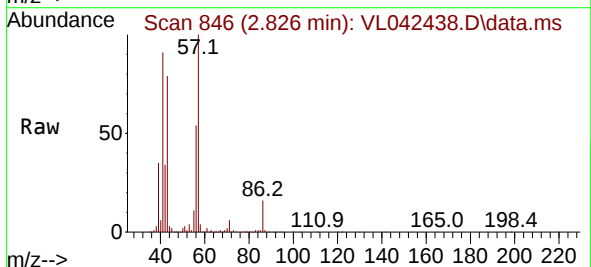
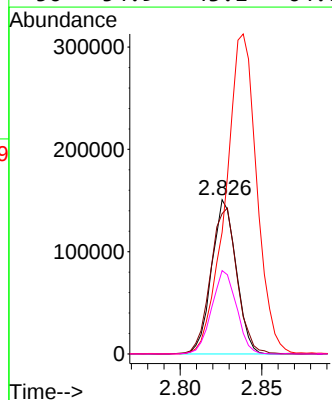
Manual Integrations
APPROVED

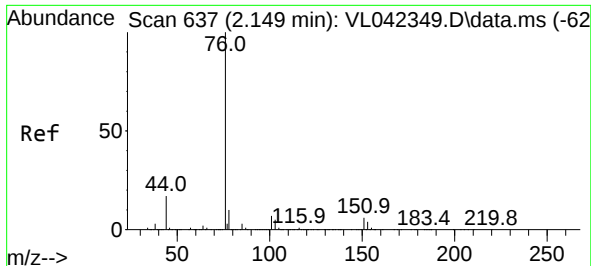
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#26
Hexane
Concen: 8.260 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

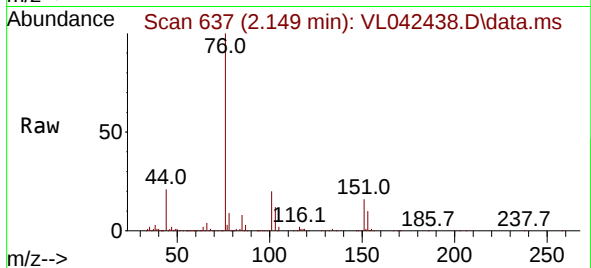
Tgt Ion: 57 Resp: 157544
Ion Ratio Lower Upper
57 100
41 103.2 77.9 116.9
43 265.6 208.4 312.6
56 54.9 43.1 64.7





#27
Carbon Disulfide
Concen: 10.372 ppbv
RT: 2.149 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

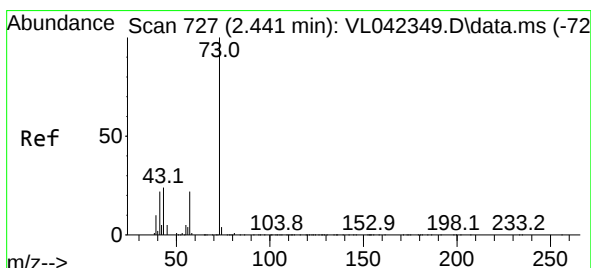
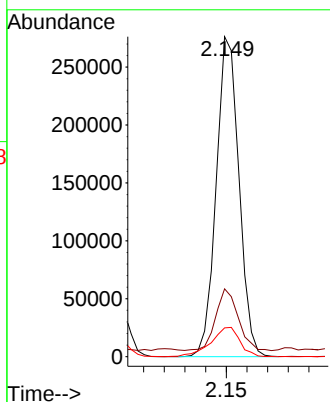
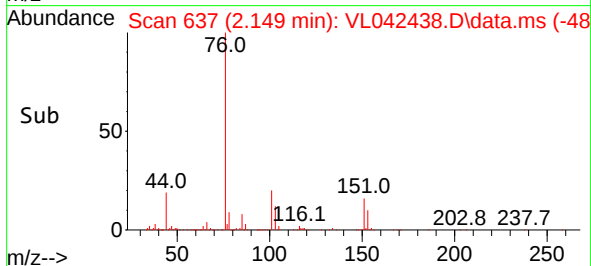
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



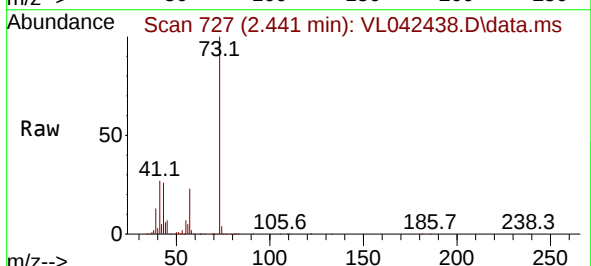
Tgt Ion: 76 Resp: 211824
Ion Ratio Lower Upper
76 100
44 19.8 15.5 23.3
78 11.7 9.3 13.9

Manual Integrations
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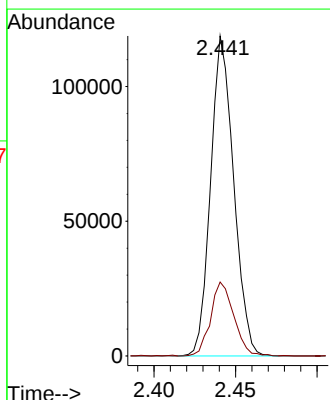
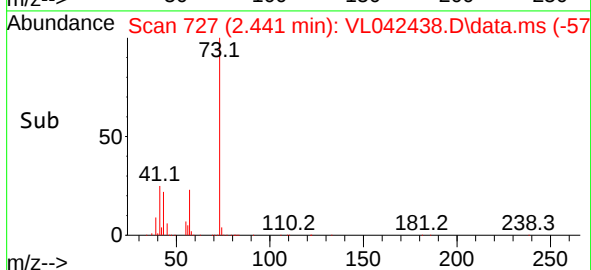
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

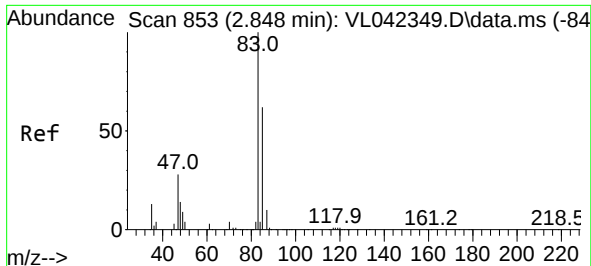


#28
Methyl tert-Butyl Ether
Concen: 9.344 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



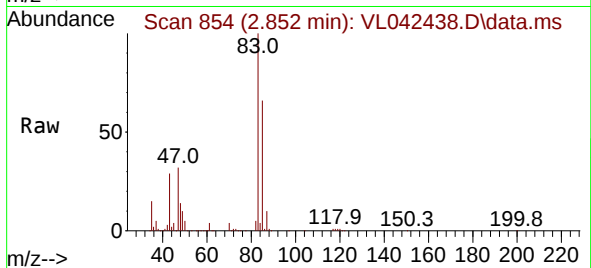
Tgt Ion: 73 Resp: 116769
Ion Ratio Lower Upper
73 100
57 23.4 21.3 31.9





#29
Chloroform
Concen: 10.623 ppbv
RT: 2.852 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

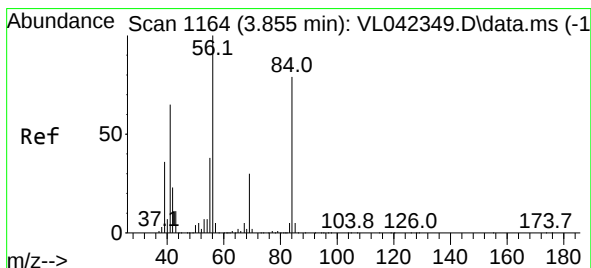
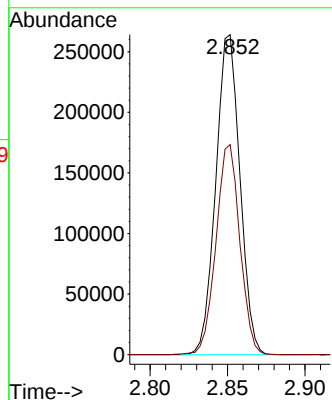
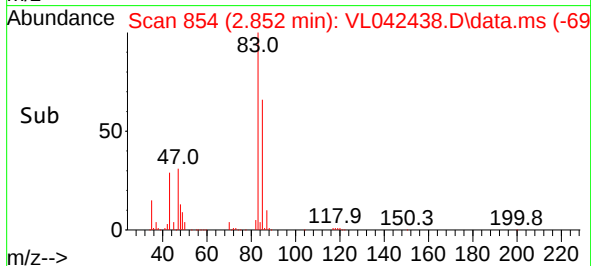
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



Tgt Ion: 83 Resp: 28639
Ion Ratio Lower Upper
83 100
85 65.6 50.0 75.0

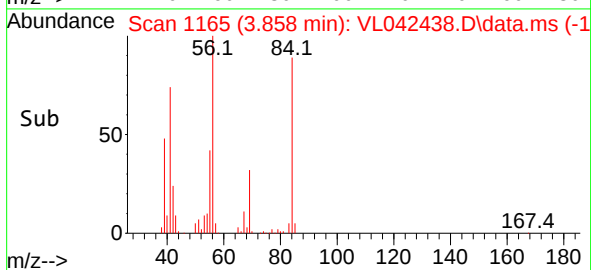
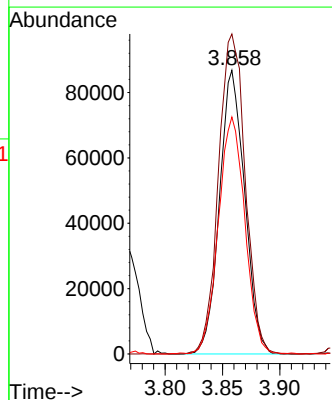
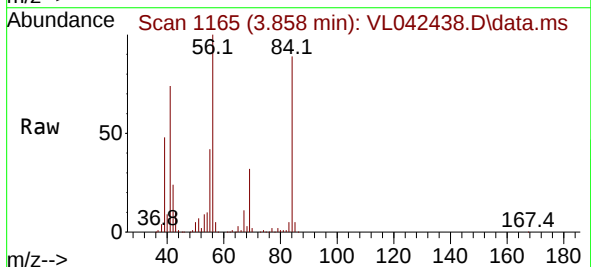
Manual Integrations
APPROVED

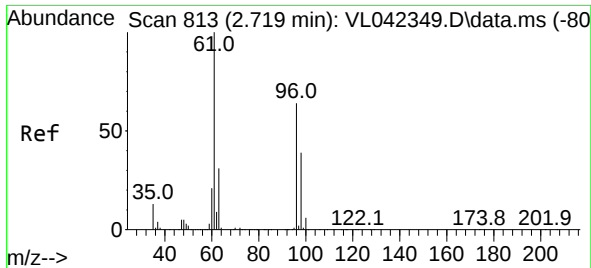
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#30
Cyclohexane
Concen: 8.601 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

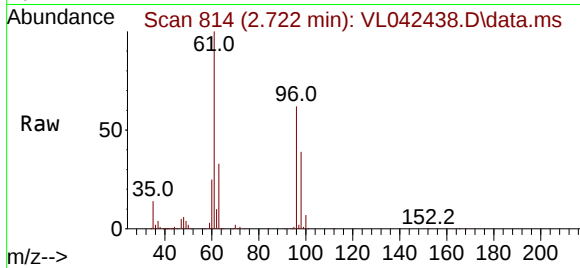
Tgt Ion: 84 Resp: 132615
Ion Ratio Lower Upper
84 100
56 119.9 101.0 151.4
41 88.0 67.4 101.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.613 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

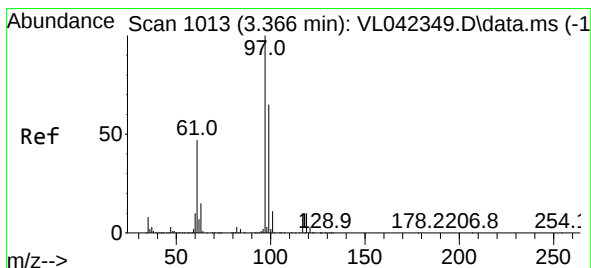
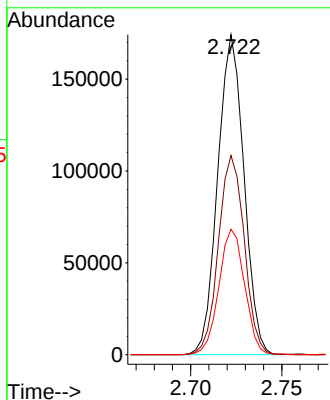
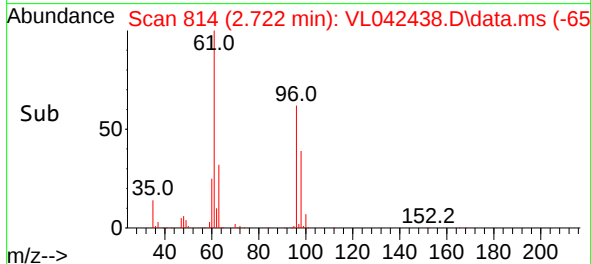
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



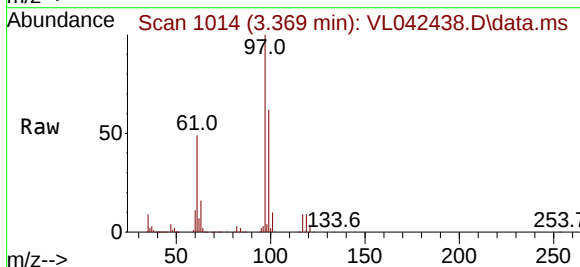
Tgt Ion: 61 Resp: 174328
 Ion Ratio Lower Upper
 61 100
 96 62.3 50.8 76.2
 98 39.2 30.9 46.3

Manual Integrations
 APPROVED

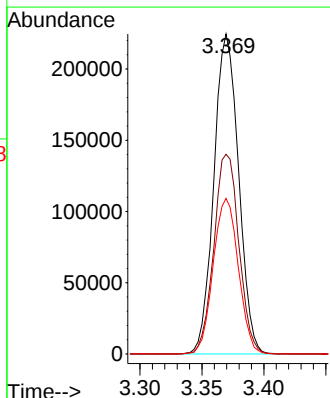
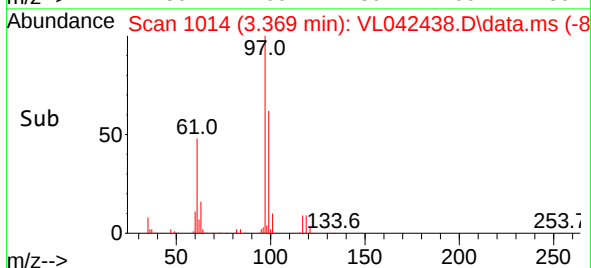
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

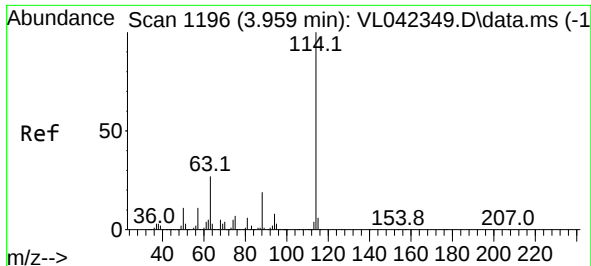


#32
 1,1,1-Trichloroethane
 Concen: 10.294 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08



Tgt Ion: 97 Resp: 312429
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.0 76.4
 61 49.4 38.8 58.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

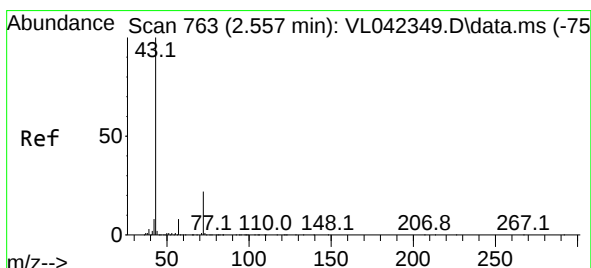
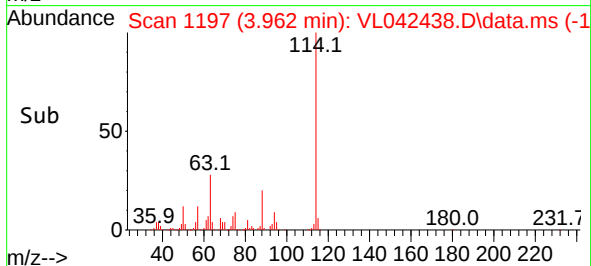
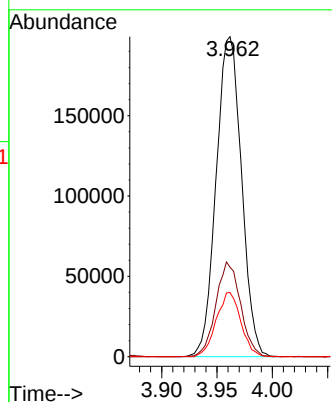
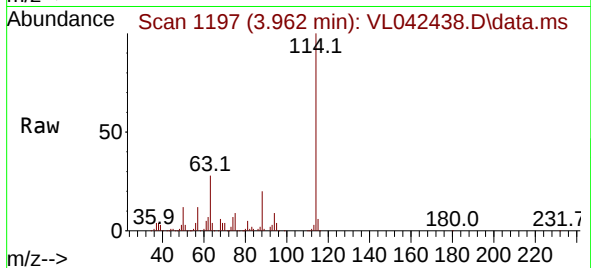
VL0429ABS01

Tgt Ion:114 Resp: 317590
 Ion Ratio Lower Upper
 114 100
 63 28.7 21.8 32.6
 88 19.4 15.5 23.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#34

2-Butanone

Concen: 9.278 ppbv

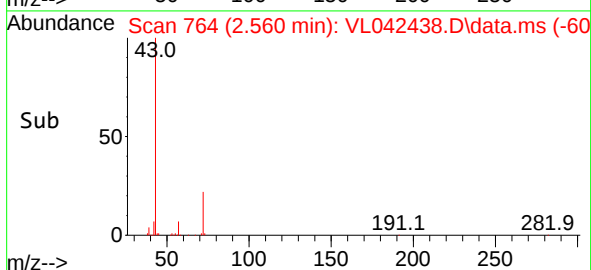
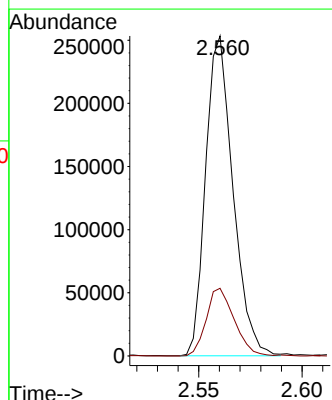
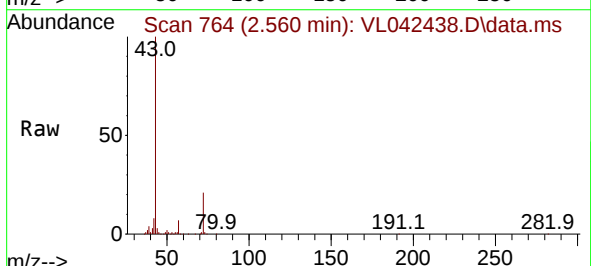
RT: 2.560 min Scan# 764

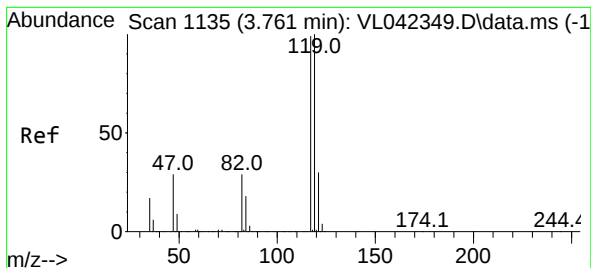
Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Tgt Ion: 43 Resp: 233037
 Ion Ratio Lower Upper
 43 100
 72 21.7 18.2 27.2





#35

Carbon Tetrachloride

Concen: 11.036 ppbv

RT: 3.764 min Scan# 1135

Delta R.T. 0.003 min

Lab File: VL042438.D

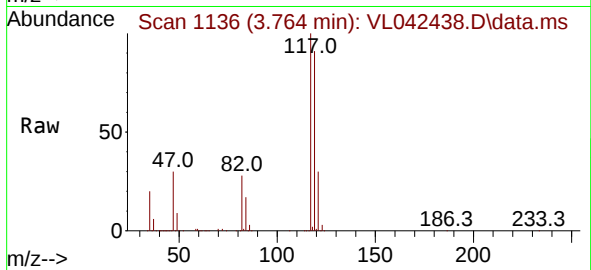
Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01



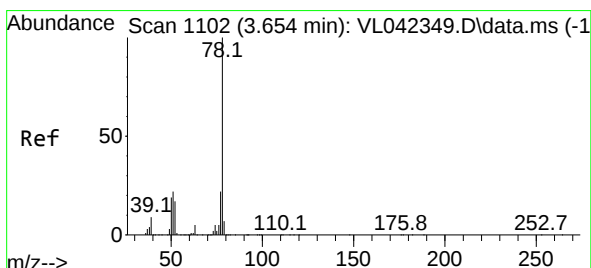
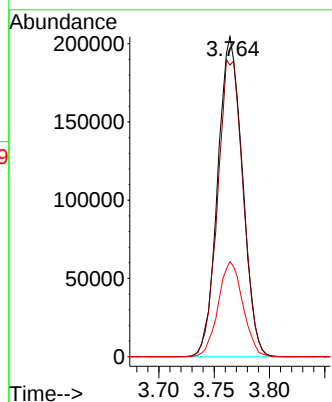
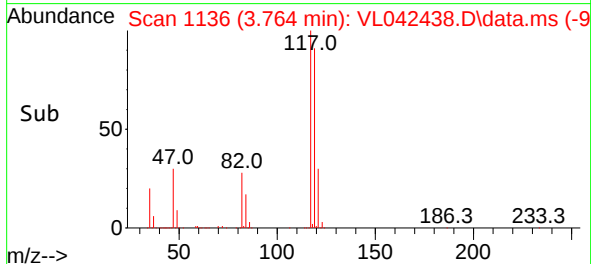
Tgt Ion: 117 Resp: 31720

Ion	Ratio	Lower	Upper
117	100		
119	91.1	80.5	120.7
121	29.7	24.2	36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#36

Benzene

Concen: 9.264 ppbv

RT: 3.658 min Scan# 1103

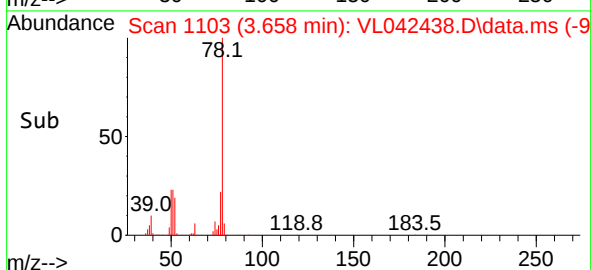
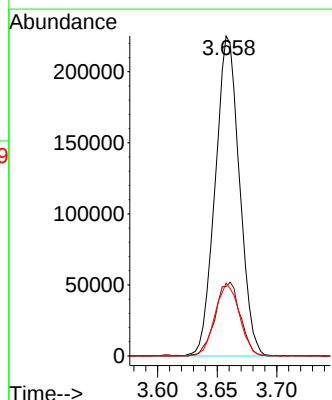
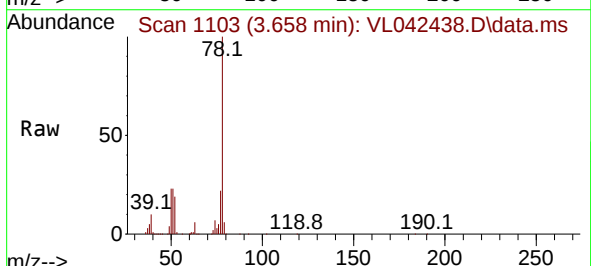
Delta R.T. 0.003 min

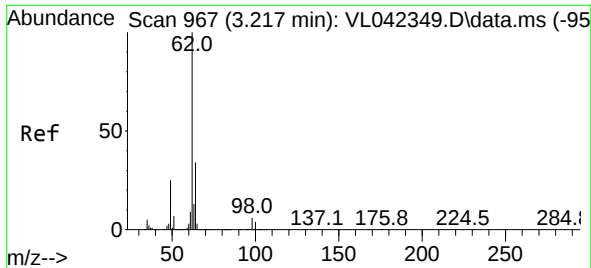
Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Tgt Ion: 78 Resp: 317350

Ion	Ratio	Lower	Upper
78	100		
77	21.7	17.4	26.0
50	22.8	15.5	23.3





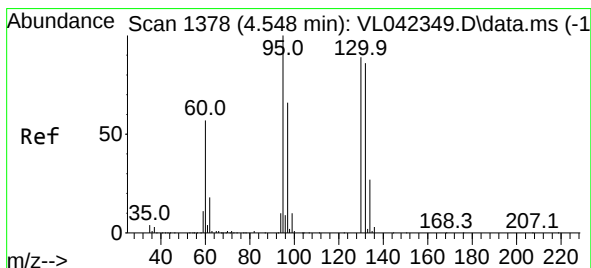
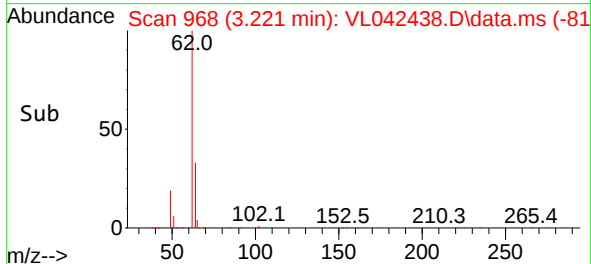
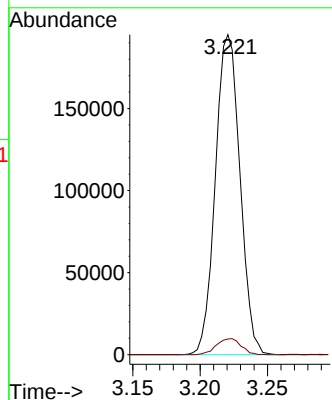
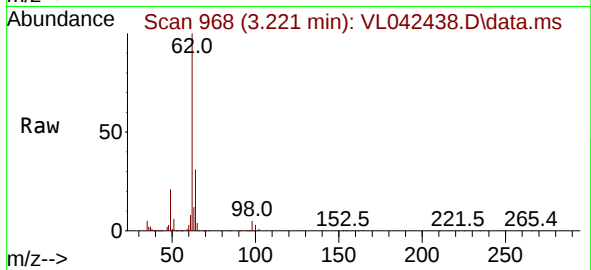
#37
1,2-Dichloroethane
Concen: 12.035 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 62 Resp: 247440
Ion Ratio Lower Upper
62 100
98 5.0 5.1 7.7

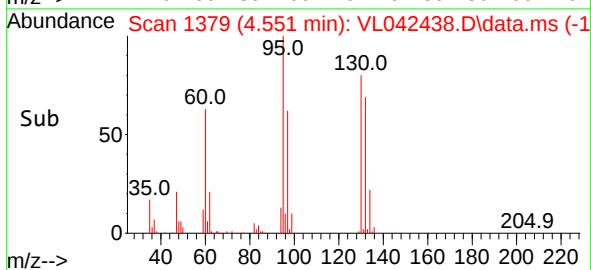
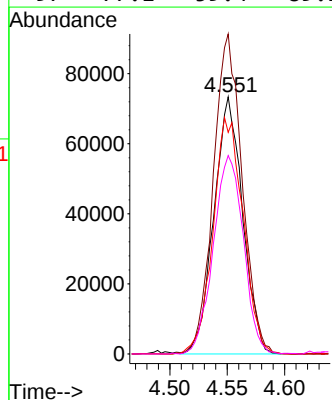
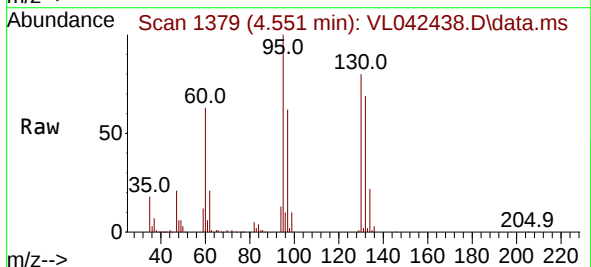
Manual Integrations
APPROVED

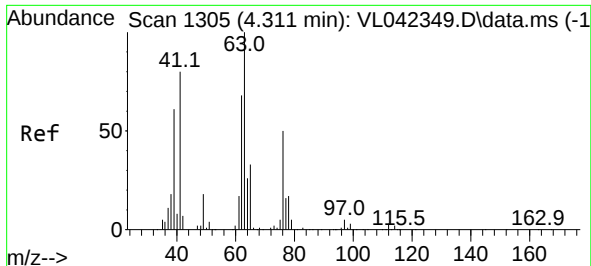
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#38
Trichloroethene
Concen: 8.523 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion:130 Resp: 127601
Ion Ratio Lower Upper
130 100
95 124.2 89.8 134.6
132 86.0 77.7 116.5
97 77.1 59.4 89.2





#39

1,2-Dichloropropane

Concen: 9.044 ppbv

RT: 4.318 min Scan# 115449

Delta R.T. 0.006 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

Tgt Ion: 63 Resp: 115449

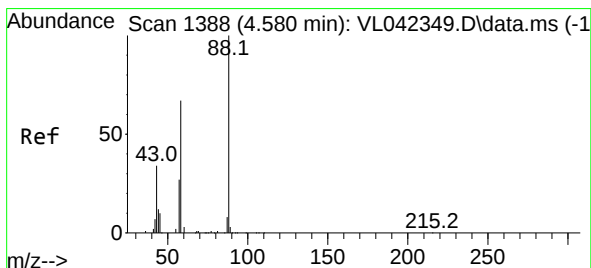
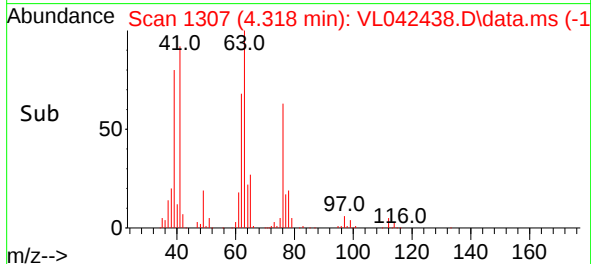
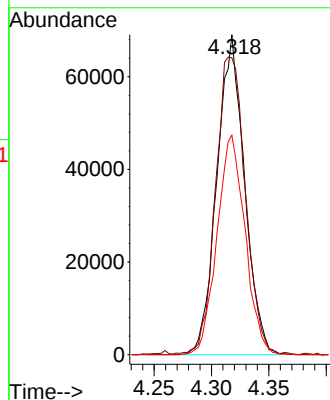
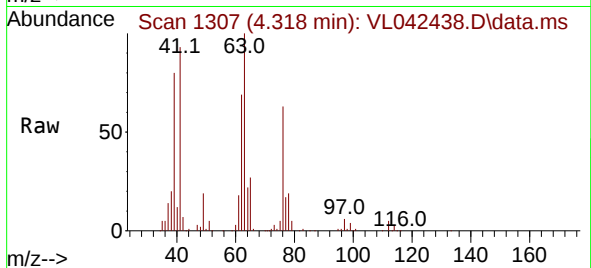
Ion	Ratio	Lower	Upper
63	100		
41	92.4	64.2	96.2
62	68.4	54.3	81.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#40

1,4-Dioxane

Concen: 7.529 ppbv

RT: 4.586 min Scan# 1390

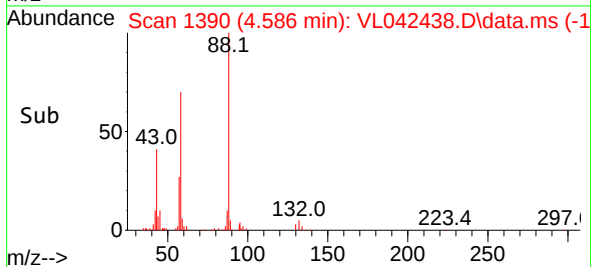
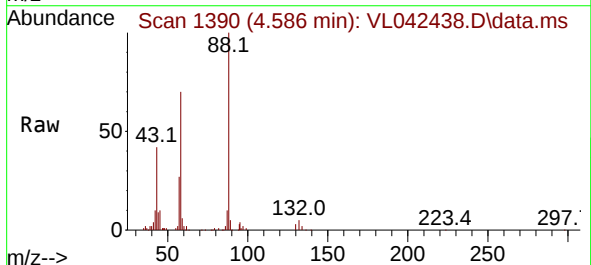
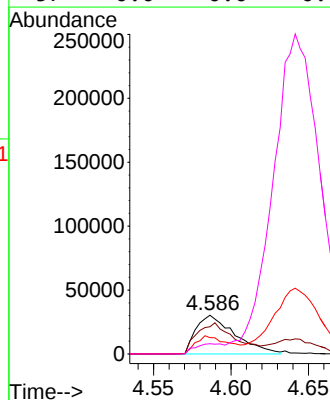
Delta R.T. 0.006 min

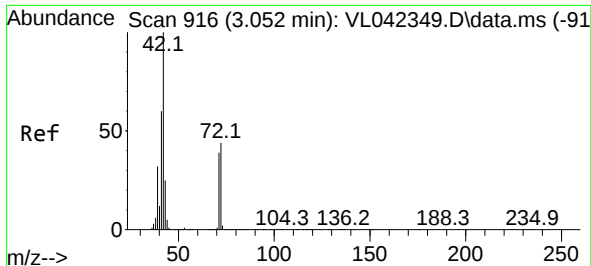
Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Tgt Ion: 88 Resp: 52820

Ion	Ratio	Lower	Upper
88	100		
58	78.5	61.4	92.0
43	41.9	23.2	34.8
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 8.471 ppbv

RT: 3.055 min Scan# 916

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

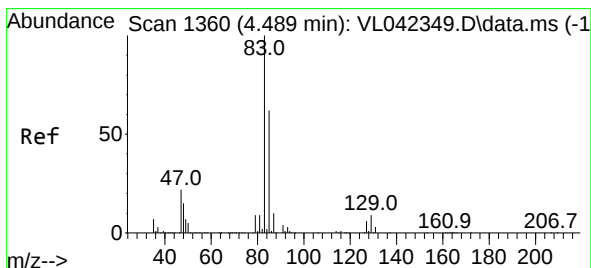
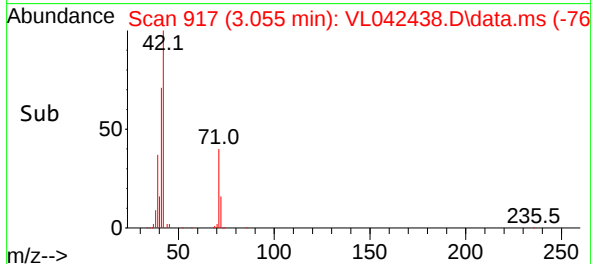
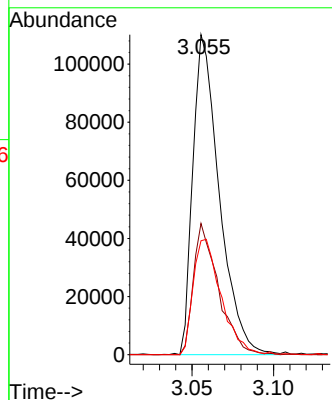
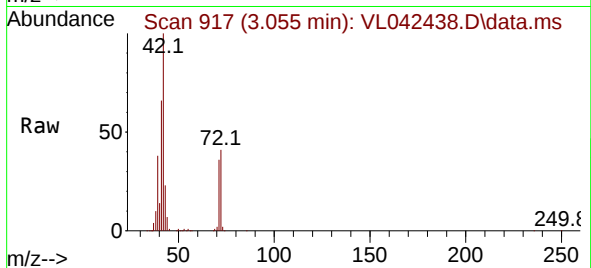
VL0429ABS01

Tgt Ion:	42	Resp:	124059
Ion Ratio	Lower	Upper	
42	100		
72	38.9	32.3	48.5
71	38.4	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#42

Bromodichloromethane

Concen: 11.088 ppbv

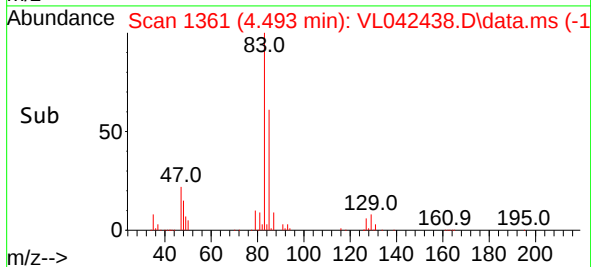
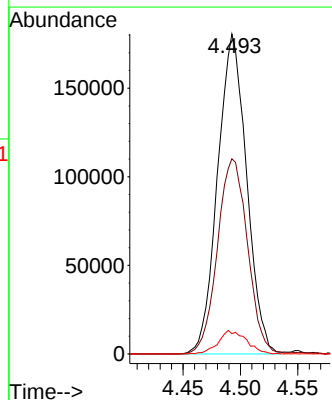
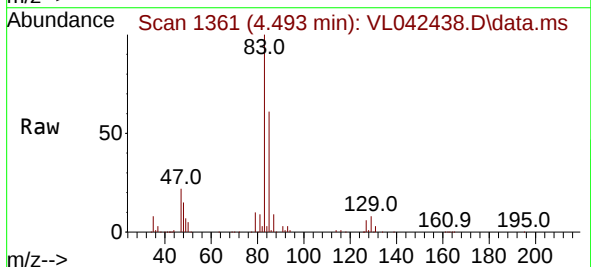
RT: 4.493 min Scan# 1361

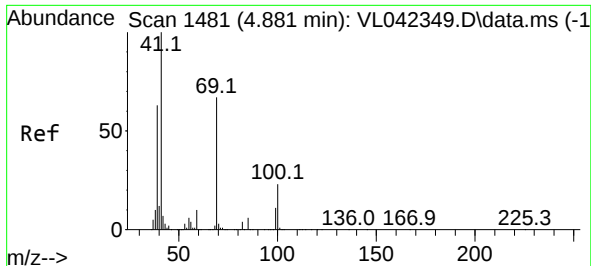
Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

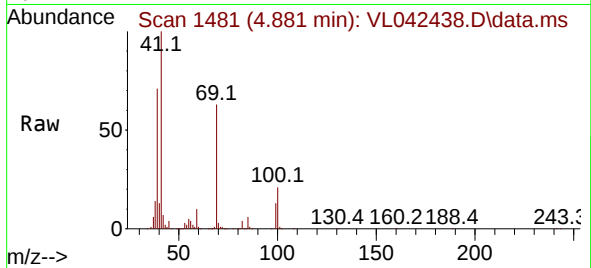
Tgt Ion:	83	Resp:	317253
Ion Ratio	Lower	Upper	
83	100		
85	61.0	49.7	74.5
127	6.4	5.1	7.7





#43
Methyl Methacrylate
Concen: 8.020 ppbv
RT: 4.881 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

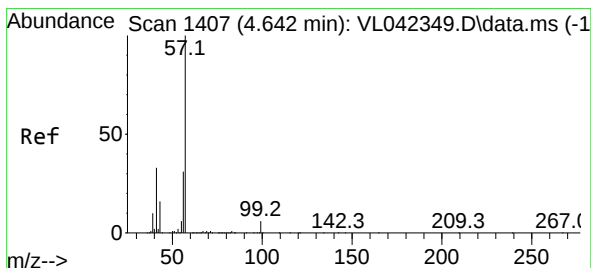
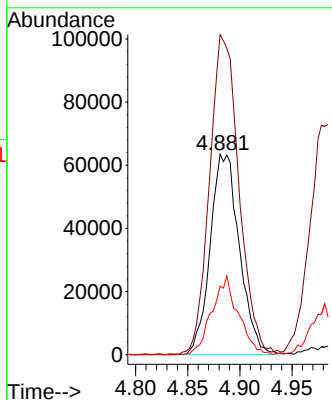
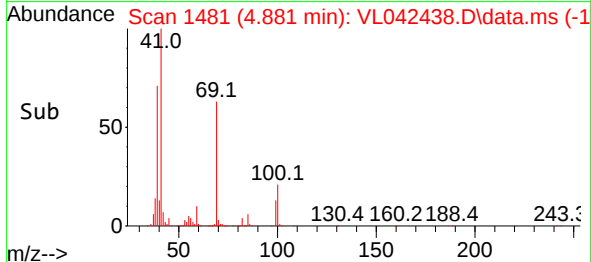
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



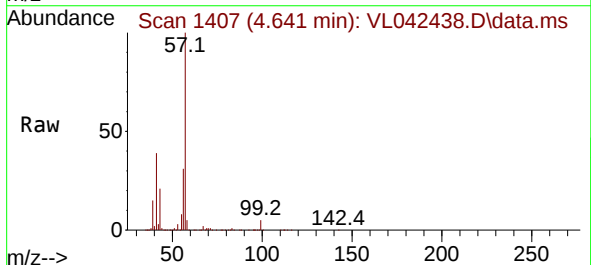
Tgt Ion: 69 Resp: 12381
Ion Ratio Lower Upper
69 100
41 0.0 118.6 177.8
100 35.4 28.2 42.2

Manual Integrations
APPROVED

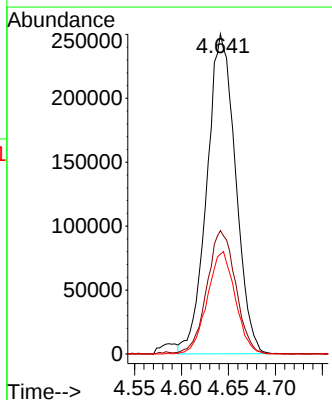
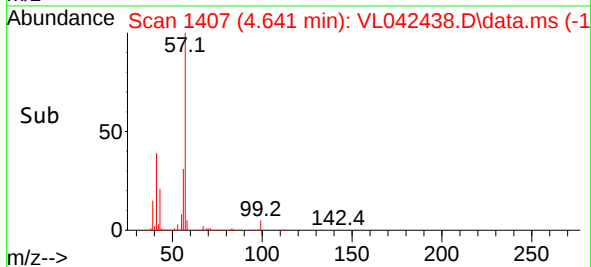
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

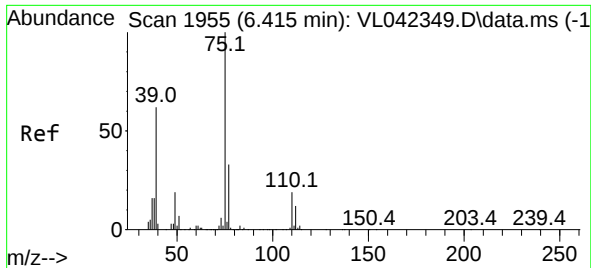


#44
2,2,4-Trimethylpentane
Concen: 8.983 ppbv
RT: 4.641 min Scan# 1407
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



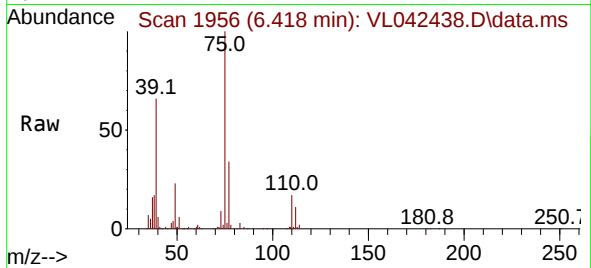
Tgt Ion: 57 Resp: 531439
Ion Ratio Lower Upper
57 100
41 39.1 27.2 40.8
56 31.1 25.7 38.5





#45
 t-1,3-Dichloropropene
 Concen: 8.940 ppbv
 RT: 6.418 min Scan# 1955
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

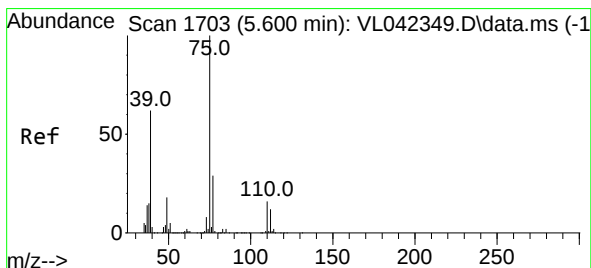
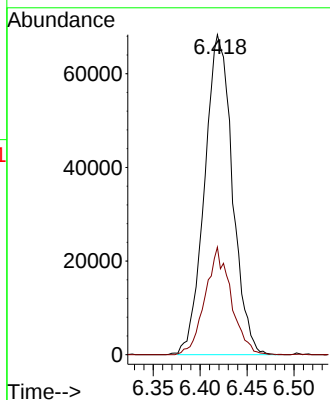
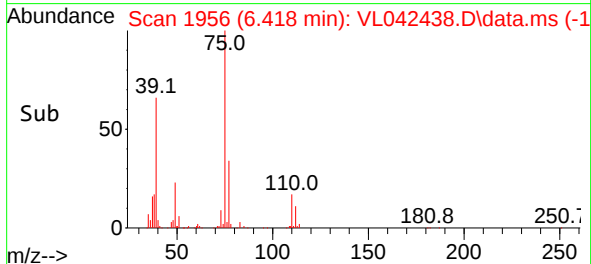
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



Tgt Ion: 75 Resp: 14098
 Ion Ratio Lower Upper
 75 100
 77 33.6 27.0 40.6

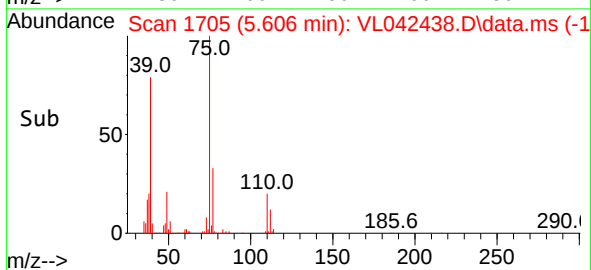
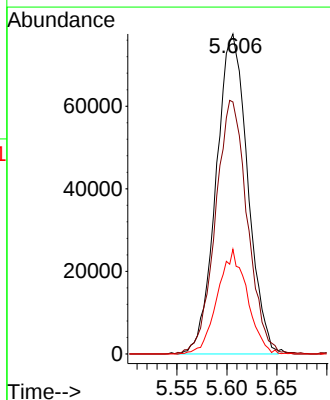
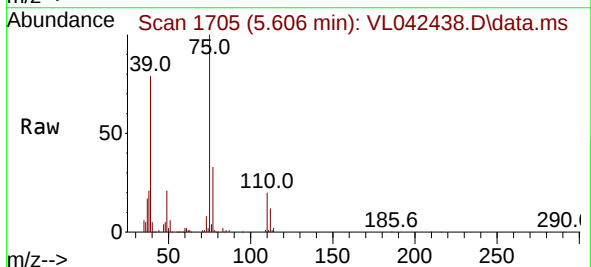
Manual Integrations
 APPROVED

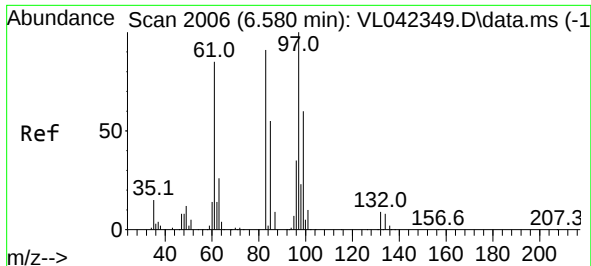
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#46
 cis-1,3-Dichloropropene
 Concen: 8.811 ppbv
 RT: 5.606 min Scan# 1705
 Delta R.T. 0.006 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Tgt Ion: 75 Resp: 170063
 Ion Ratio Lower Upper
 75 100
 39 78.3 50.0 75.0#
 77 32.7 23.0 34.6





#47

1,1,2-Trichloroethane

Concen: 9.893 ppbv

RT: 6.583 min Scan# 2006

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

Tgt Ion: 97 Resp: 128662

Ion Ratio Lower Upper

97 100

83 84.0 72.8 109.2

85 51.4 44.2 66.4

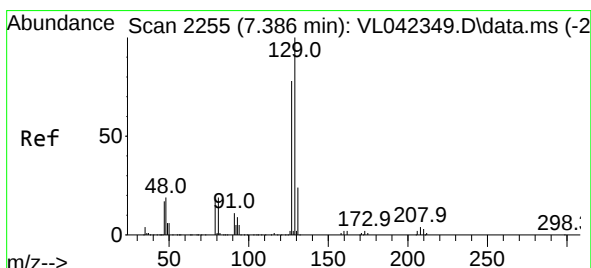
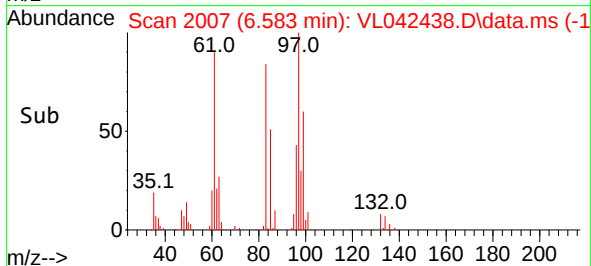
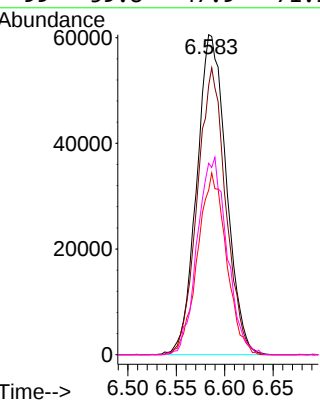
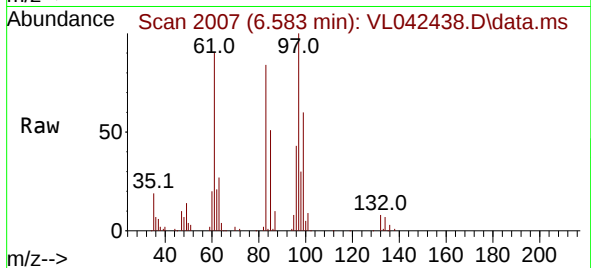
99 59.8 47.9 71.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#48

Dibromochloromethane

Concen: 10.156 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.003 min

Lab File: VL042438.D

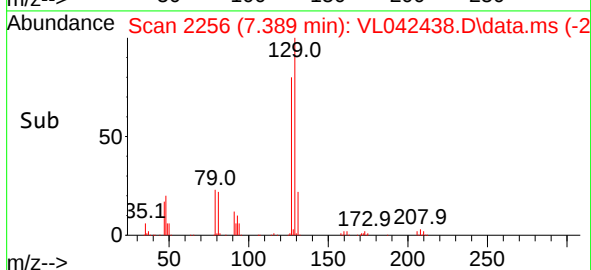
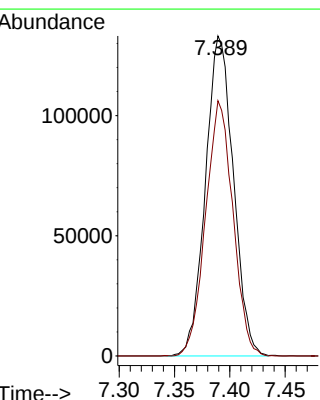
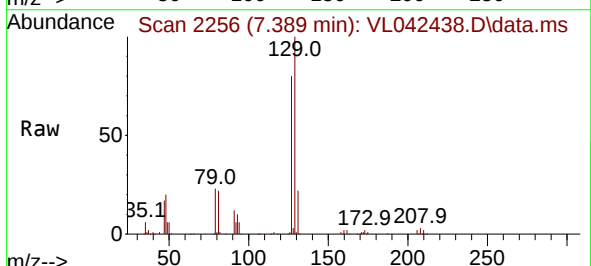
Acq: 29 Apr 2025 10:08

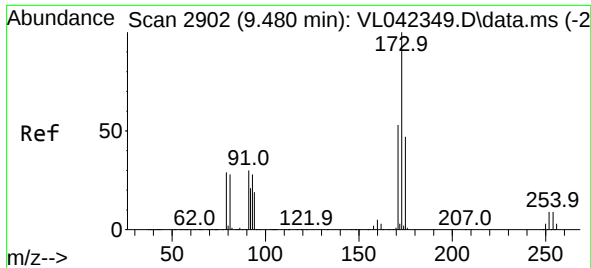
Tgt Ion:129 Resp: 233350

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.3





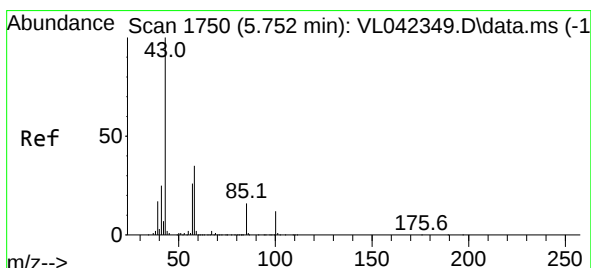
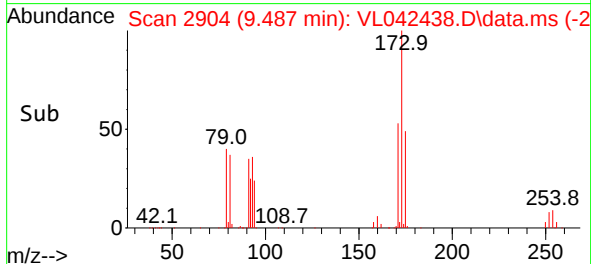
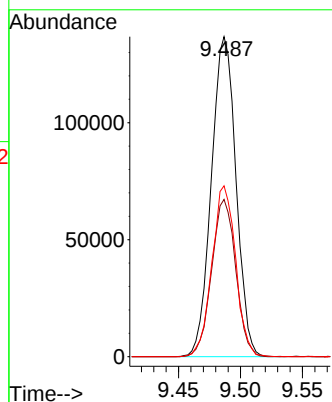
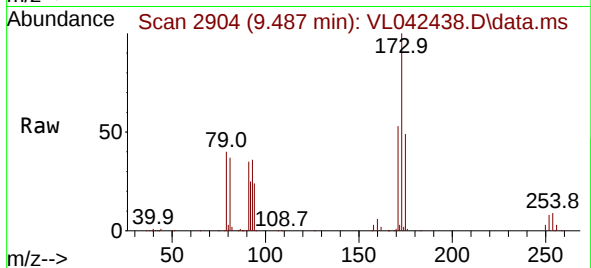
#49
Bromoform
Concen: 9.431 ppbv
RT: 9.487 min Scan# 2902
Delta R.T. 0.006 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion:173 Resp: 189484
Ion Ratio Lower Upper
173 100
175 48.2 38.2 57.2
171 51.4 40.9 61.3

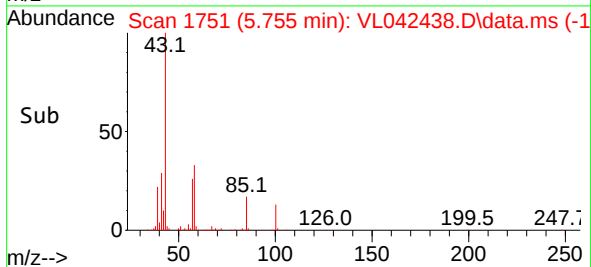
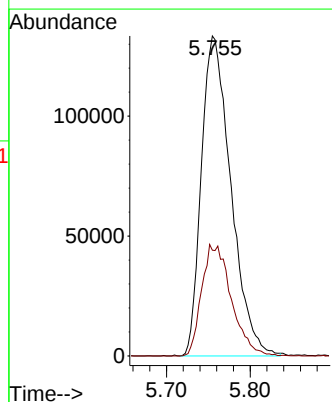
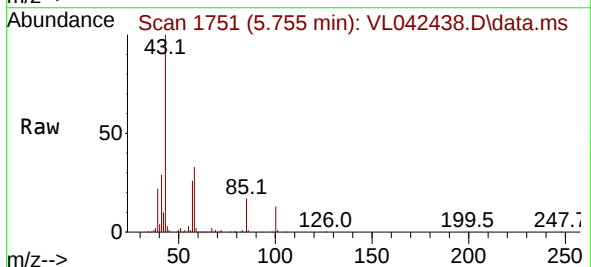
Manual Integrations
APPROVED

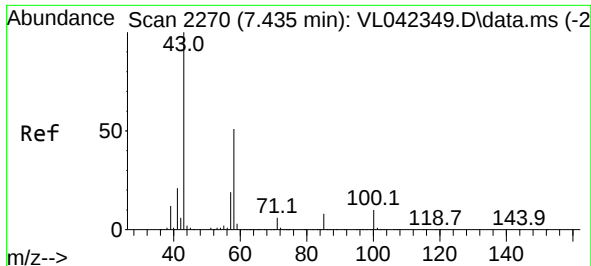
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#50
4-Methyl-2-Pentanone
Concen: 7.846 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

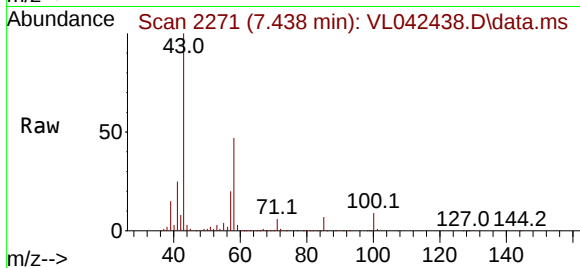
Tgt Ion: 43 Resp: 327508
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0





#51
2-Hexanone
Concen: 7.018 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

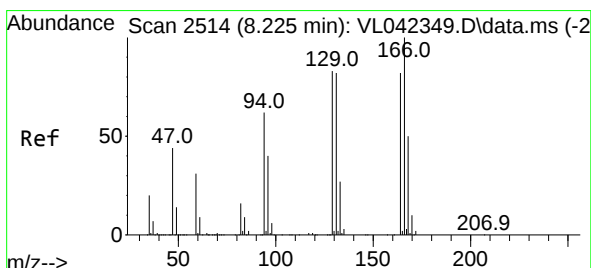
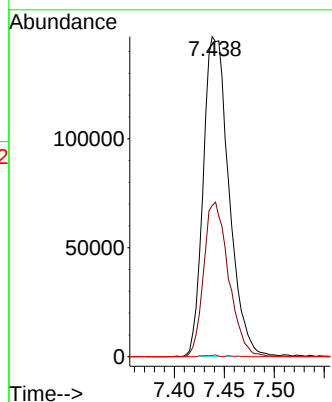
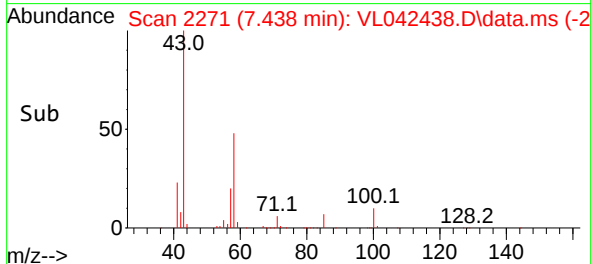
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



Tgt Ion: 43 Resp: 26269
Ion Ratio Lower Upper
43 100
58 47.0 40.2 60.4
98 0.4 0.1 0.1

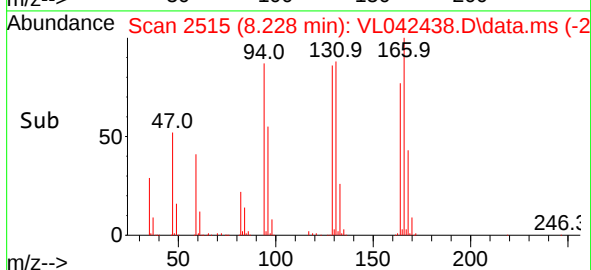
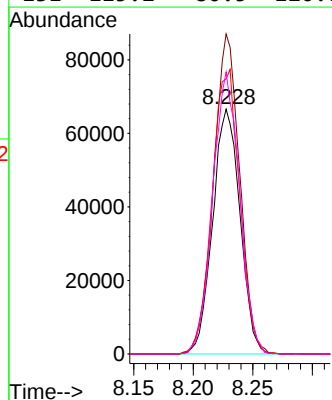
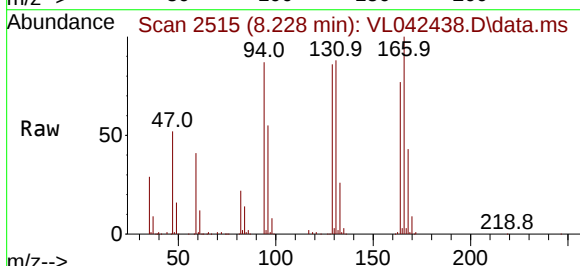
Manual Integrations
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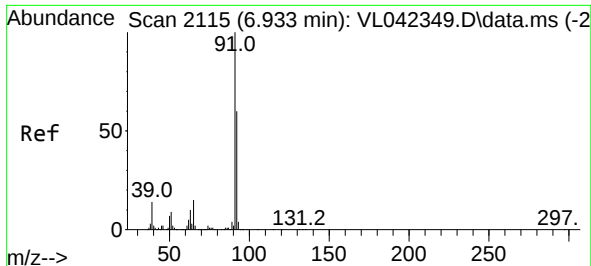
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#52
Tetrachloroethene
Concen: 8.008 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

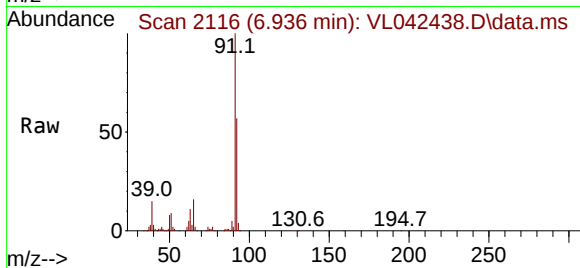
Tgt Ion:164 Resp: 106031
Ion Ratio Lower Upper
164 100
166 130.7 98.2 147.2
129 112.3 81.8 122.8
131 115.2 80.5 120.7





#53
Toluene
Concen: 8.848 ppbv
RT: 6.936 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

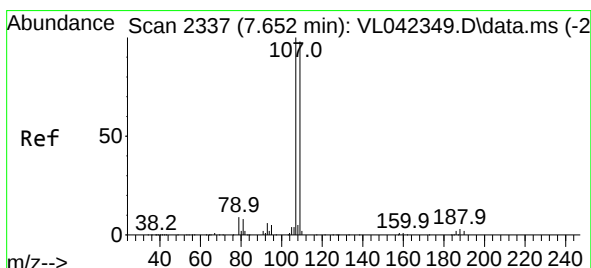
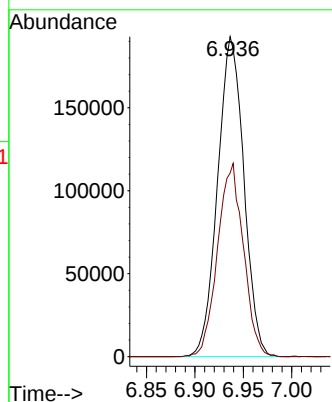
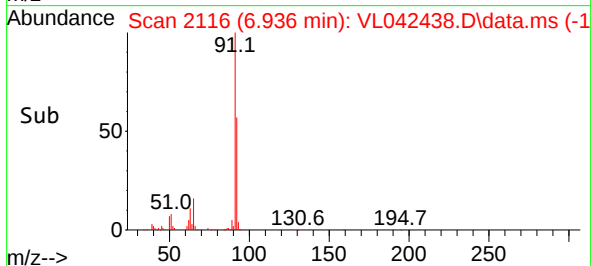
Instrument : MSVOA_L
ClientSampleId : VL0429ABS01



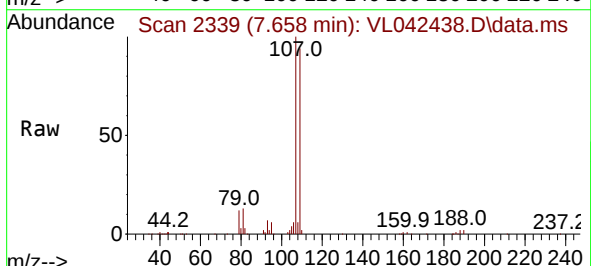
Tgt Ion: 91 Resp: 36370
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.4

Manual Integrations
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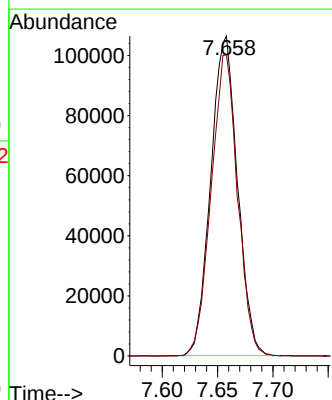
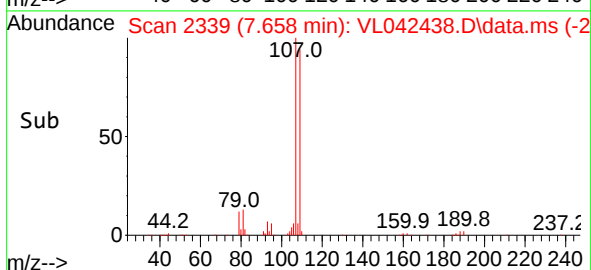
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

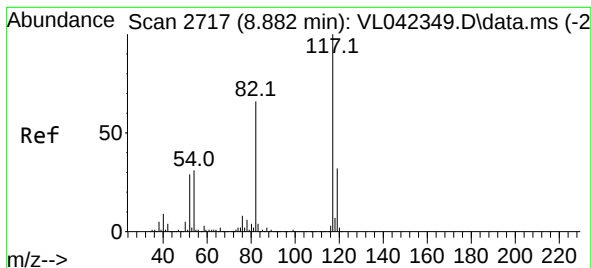


#54
1,2-Dibromoethane
Concen: 9.601 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. 0.006 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



Tgt Ion:107 Resp: 178709
Ion Ratio Lower Upper
107 100
109 94.3 78.2 117.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2717

Delta R.T. -0.000 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

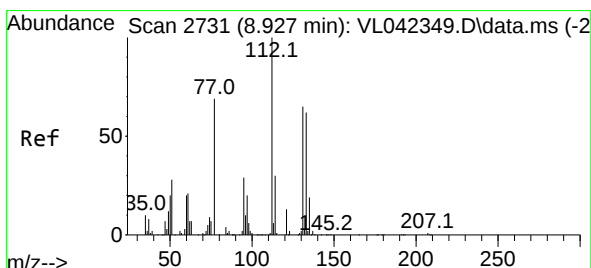
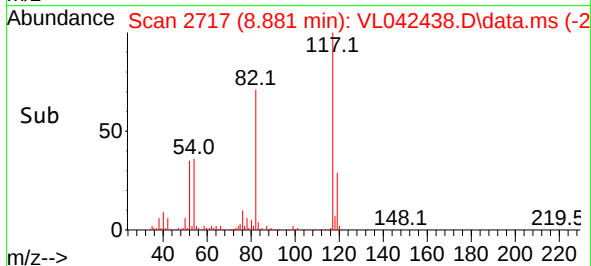
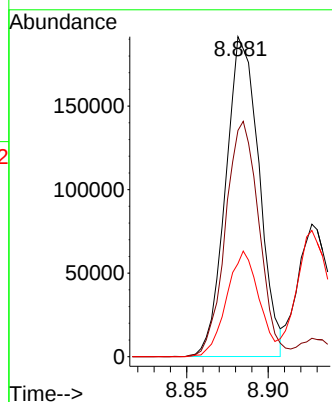
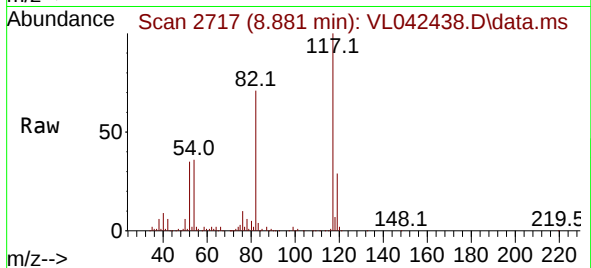
Tgt Ion:117 Resp: 27231

Ion	Ratio	Lower	Upper
117	100		
82	79.2	57.8	86.6
119	32.0	25.2	37.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.981 ppbv

RT: 8.930 min Scan# 2732

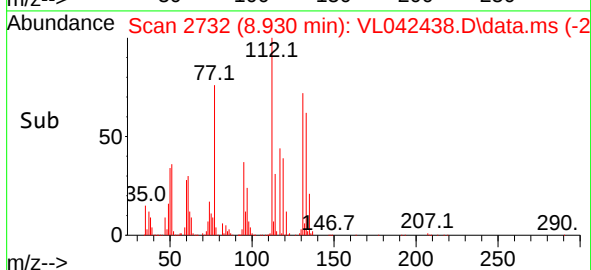
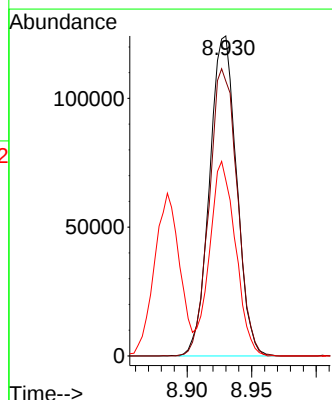
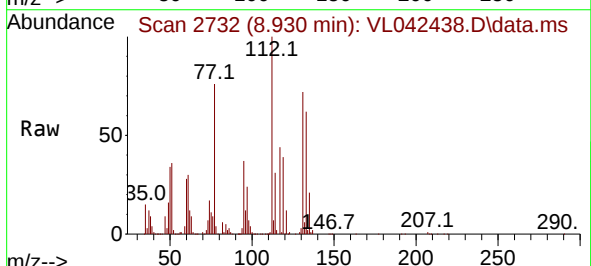
Delta R.T. 0.003 min

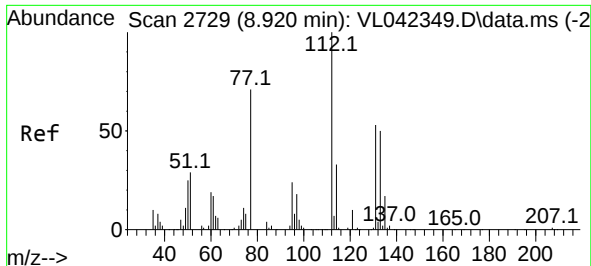
Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Tgt Ion:131 Resp: 180979

Ion	Ratio	Lower	Upper
131	100		
133	93.2	78.3	117.5
119	58.6	48.7	73.1





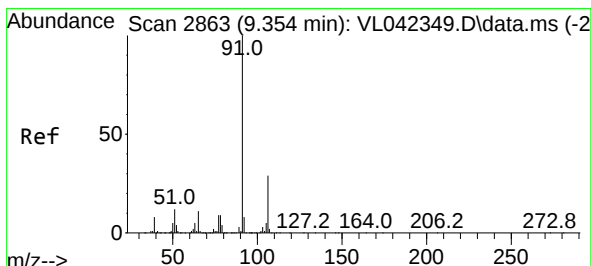
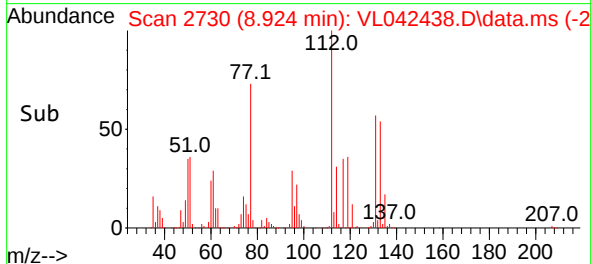
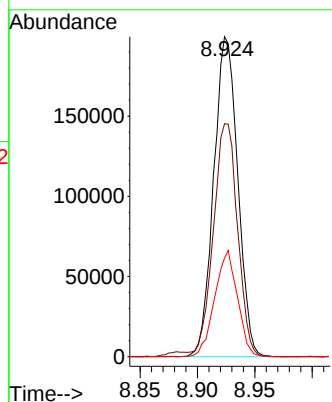
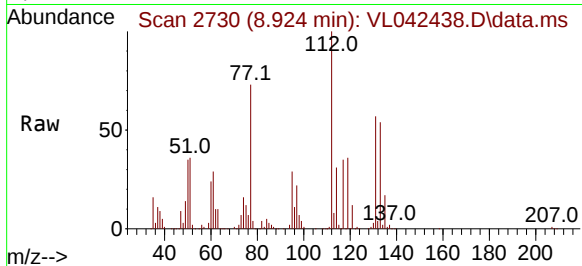
#57
Chlorobenzene
Concen: 10.270 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 112 Resp: 29086
Ion Ratio Lower Upper
112 100
77 72.8 57.8 86.6
114 30.8 29.3 35.9

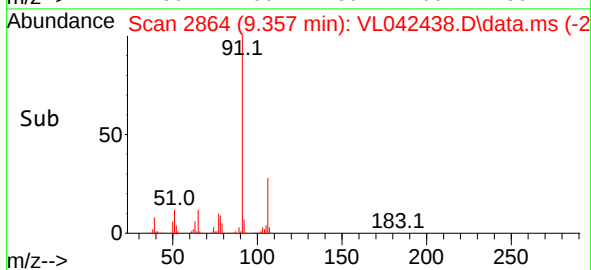
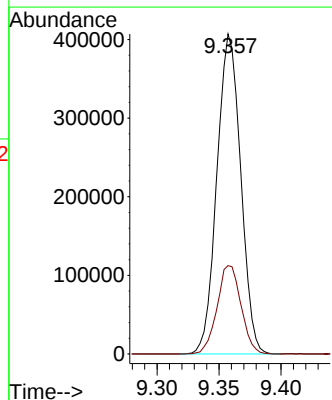
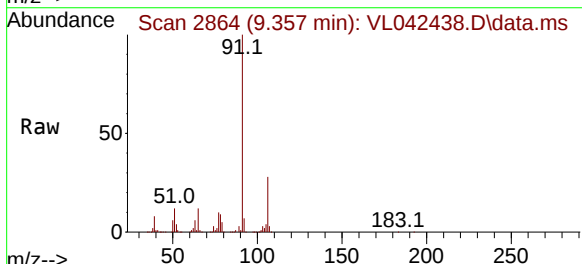
Manual Integrations
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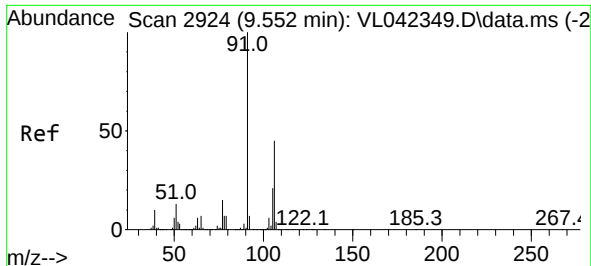
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#58
Ethyl Benzene
Concen: 10.111 ppbv
RT: 9.357 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 91 Resp: 545497
Ion Ratio Lower Upper
91 100
106 27.6 23.0 34.4





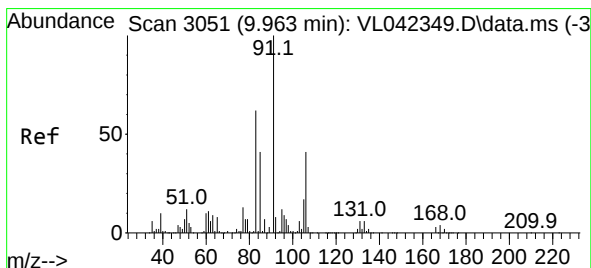
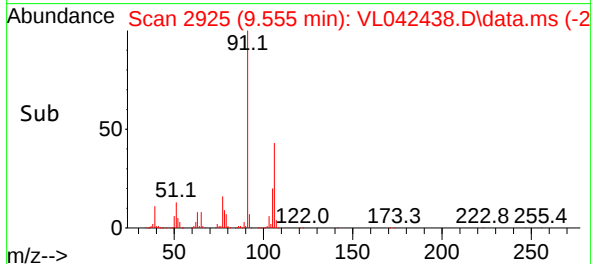
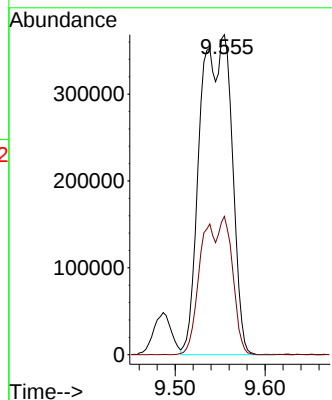
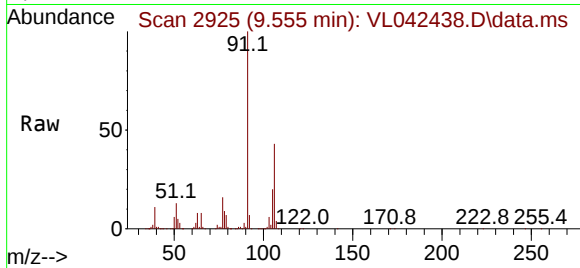
#59
m/p-Xylene
Concen: 20.857 ppbv m
RT: 9.555 min Scan# 2924
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 91 Resp: 90653
Ion Ratio Lower Upper
91 100
106 41.8 35.4 53.2

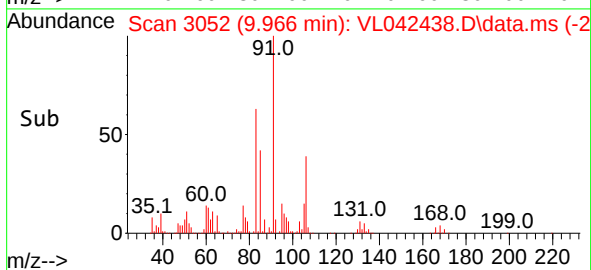
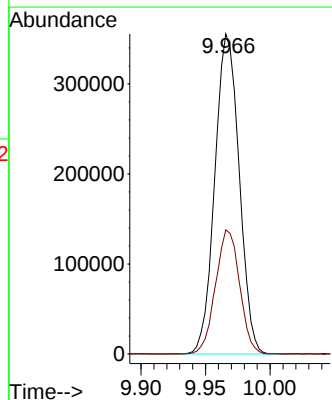
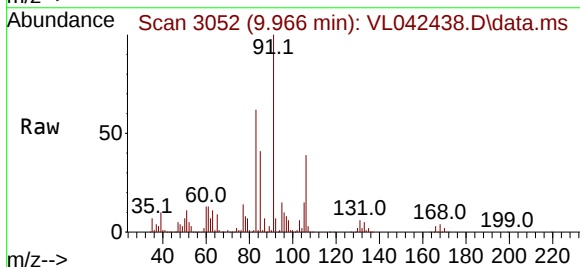
Manual Integrations
APPROVED

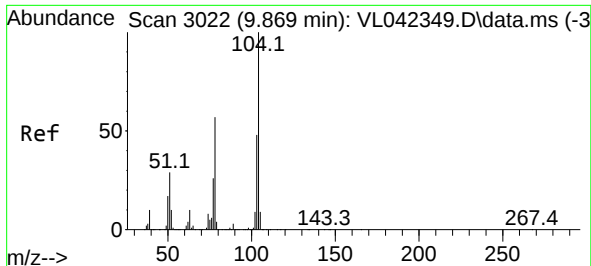
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#60
o-Xylene
Concen: 10.639 ppbv
RT: 9.966 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Tgt Ion: 91 Resp: 465645
Ion Ratio Lower Upper
91 100
106 38.4 21.1 63.4





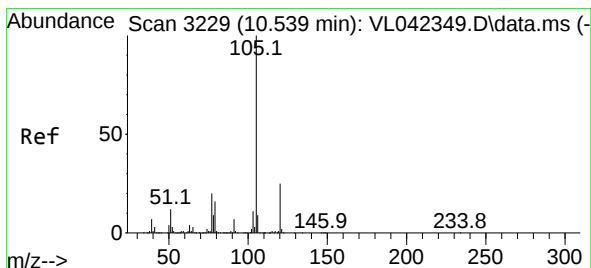
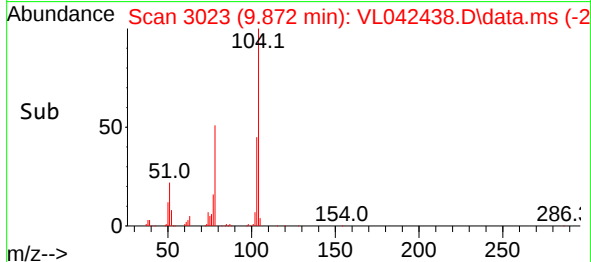
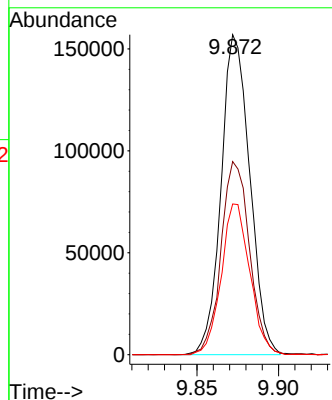
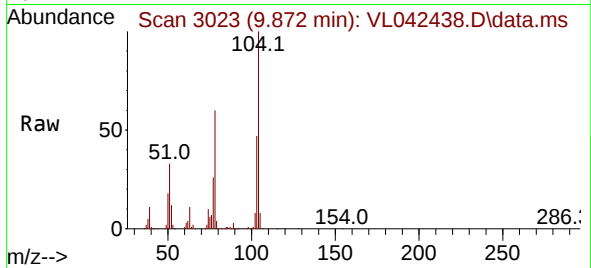
#61
Styrene
Concen: 9.178 ppbv
RT: 9.872 min Scan# 3022
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion:104 Resp: 19174
Ion Ratio Lower Upper
104 100
78 60.1 44.6 66.8
103 47.0 37.4 56.0

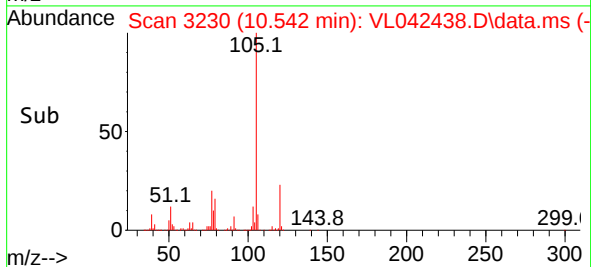
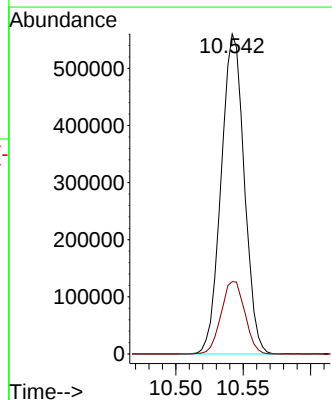
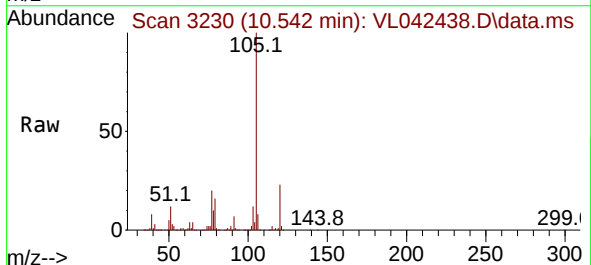
Manual Integrations
APPROVED

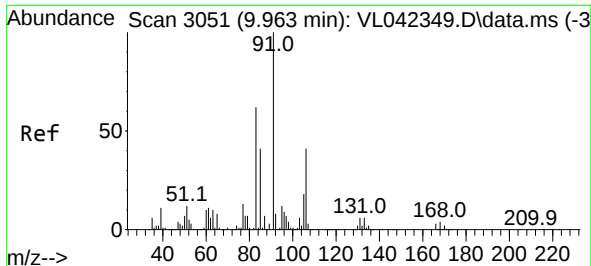
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#62
Isopropylbenzene
Concen: 10.393 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

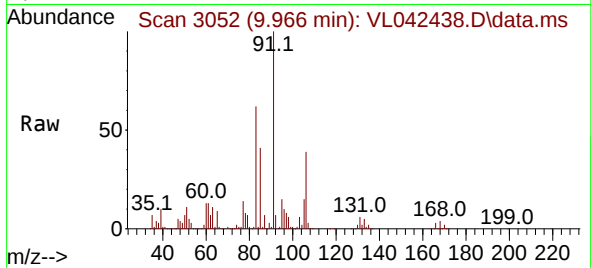
Tgt Ion:105 Resp: 667839
Ion Ratio Lower Upper
105 100
120 23.2 19.8 29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.819 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

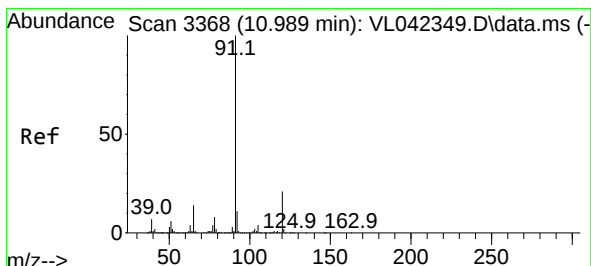
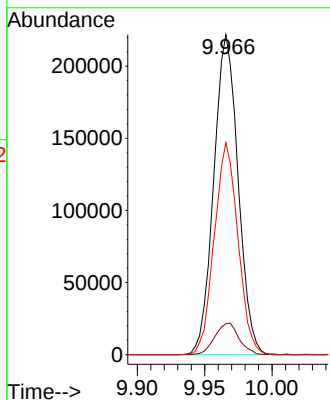
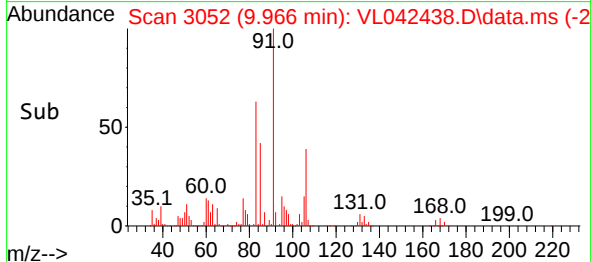
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



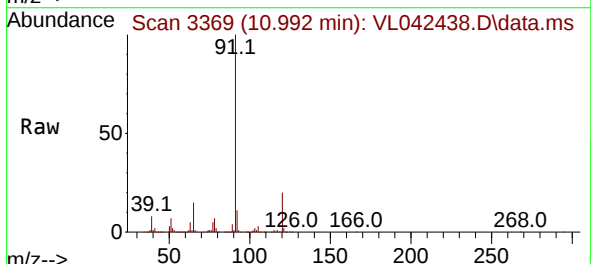
Tgt Ion: 83 Resp: 27849
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.7
85 64.4 32.4 97.0

Manual Integrations
APPROVED

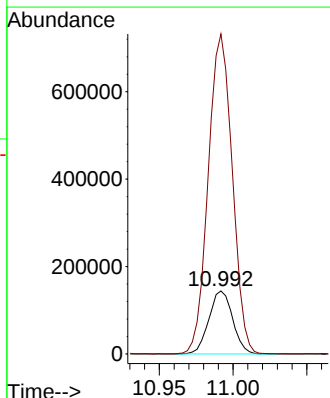
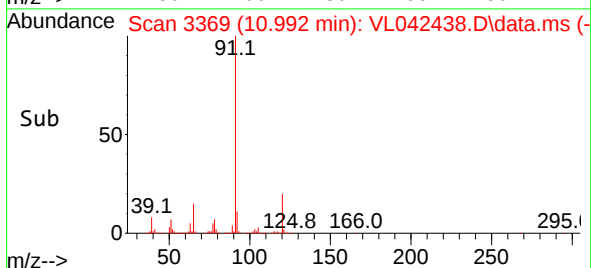
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

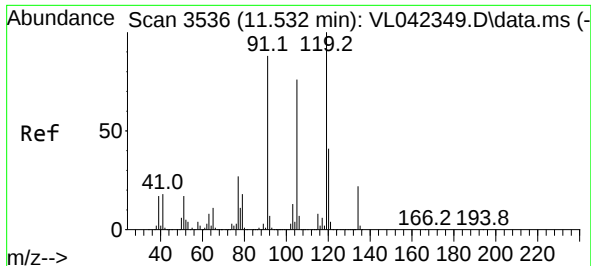


#64
n-propylbenzene
Concen: 9.987 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



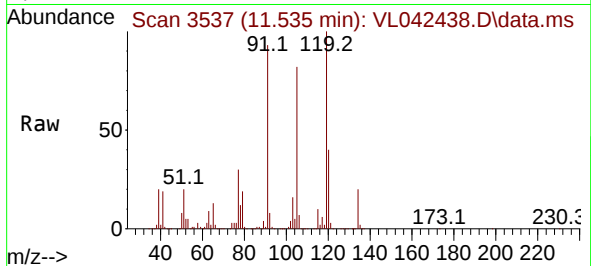
Tgt Ion:120 Resp: 161309
Ion Ratio Lower Upper
120 100
91 515.8 392.4 588.6





#65
tert-Butylbenzene
Concen: 10.260 ppbv
RT: 11.535 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

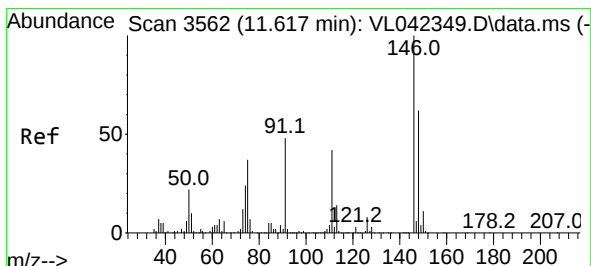
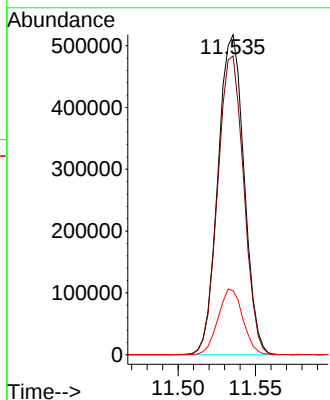
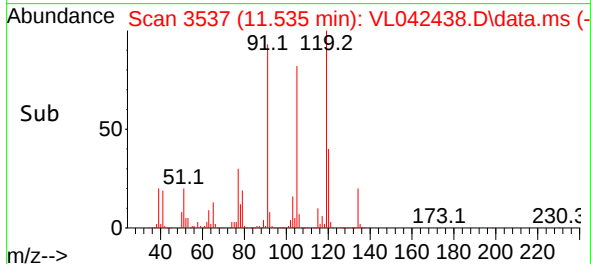
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



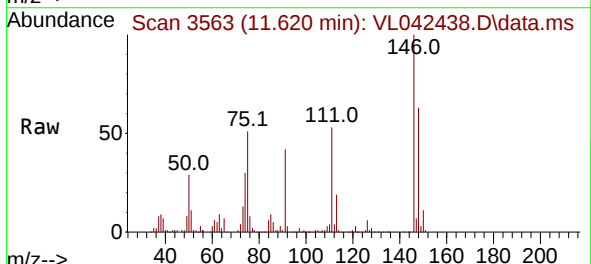
Tgt Ion: 119 Resp: 605972
Ion Ratio Lower Upper
119 100
91 93.3 74.6 111.8
134 19.5 18.8 28.2

Manual Integrations
APPROVED

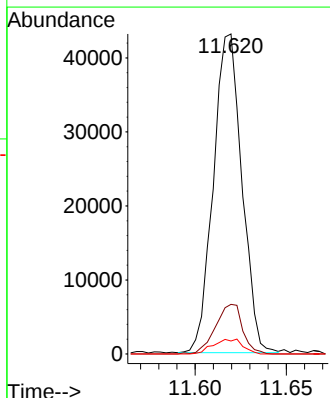
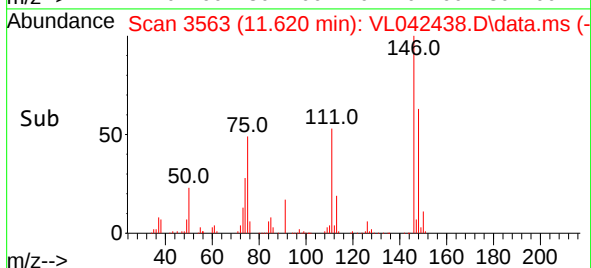
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

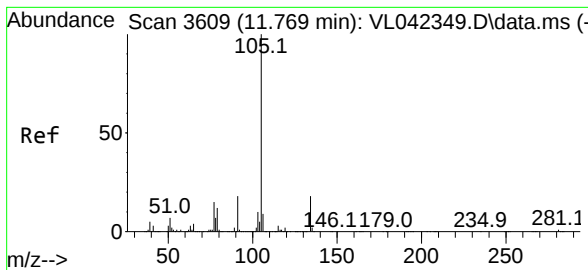


#66
Benzyl Chloride
Concen: 7.229 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



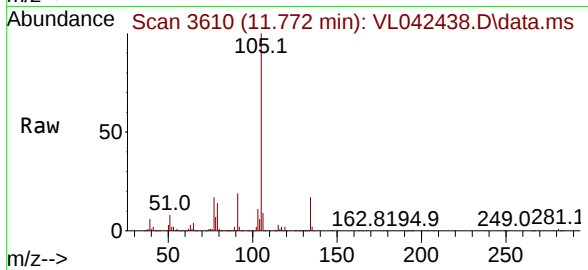
Tgt Ion: 91 Resp: 46913
Ion Ratio Lower Upper
91 100
126 14.8 11.8 17.6
128 4.8 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 10.569 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

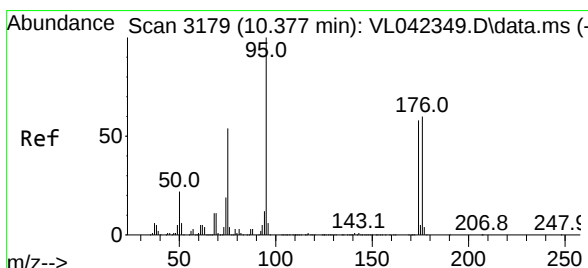
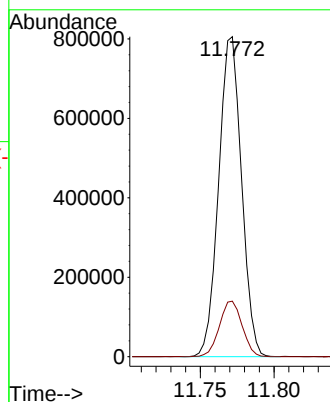
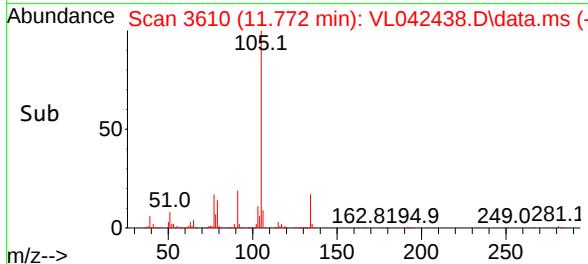
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



Tgt Ion:105 Resp: 868275
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.6 21.8

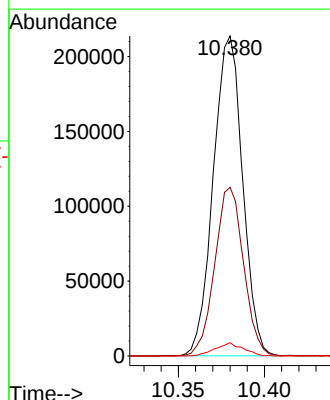
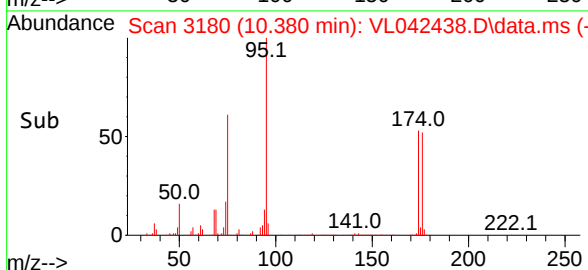
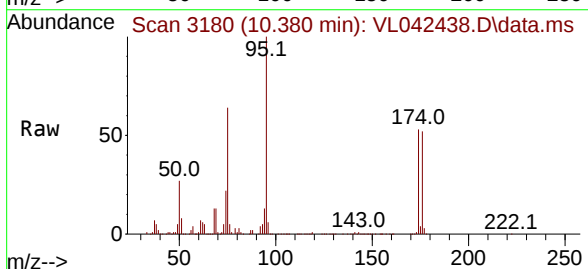
Manual Integrations
 APPROVED

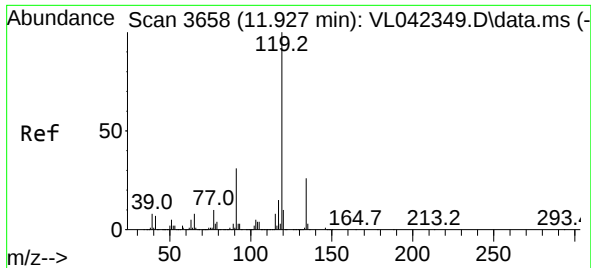
Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.307 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.003 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

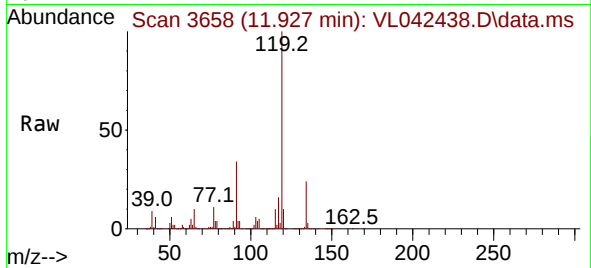
Tgt Ion: 95 Resp: 253021
 Ion Ratio Lower Upper
 95 100
 174 52.0 48.5 72.7
 175 3.9 3.7 5.5





#69
p-Isopropyltoluene
Concen: 10.282 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

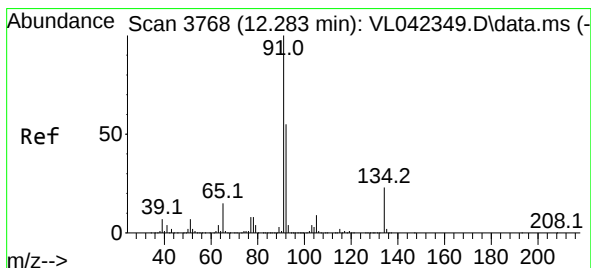
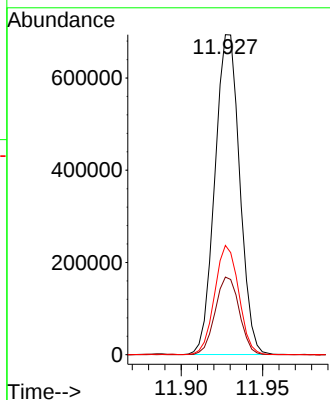
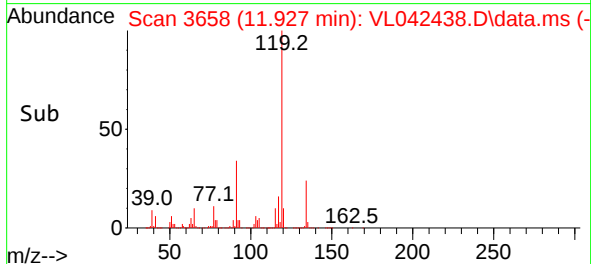
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



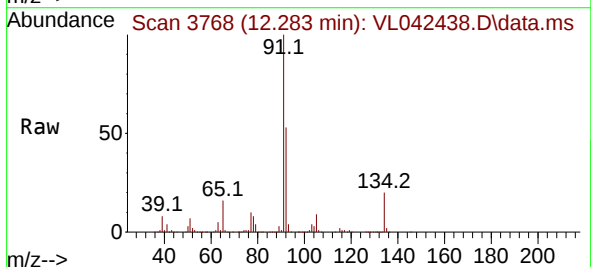
Tgt Ion: 119 Resp: 733790
Ion Ratio Lower Upper
119 100
134 23.7 20.0 30.0
91 33.4 24.4 36.6

Manual Integrations
APPROVED

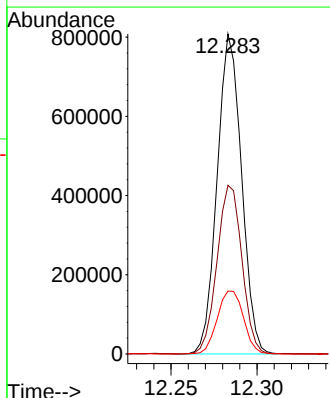
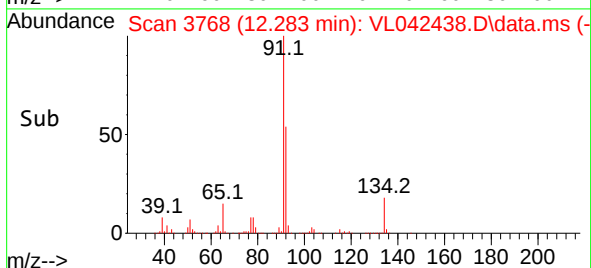
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

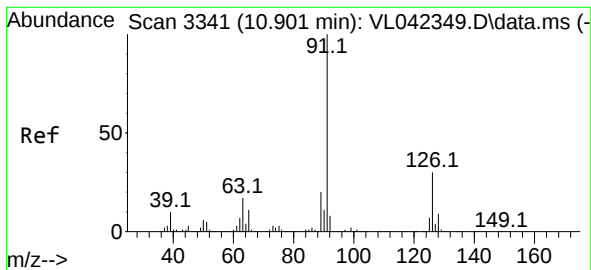


#70
n-Butylbenzene
Concen: 10.717 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



Tgt Ion: 91 Resp: 796622
Ion Ratio Lower Upper
91 100
92 54.1 44.2 66.4
134 21.1 18.2 27.4





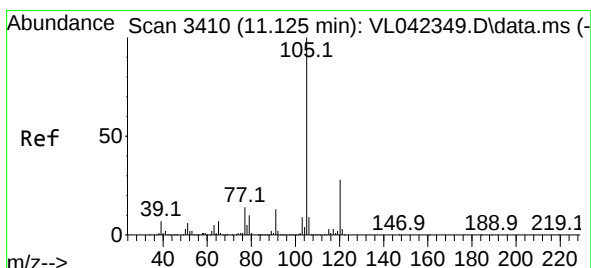
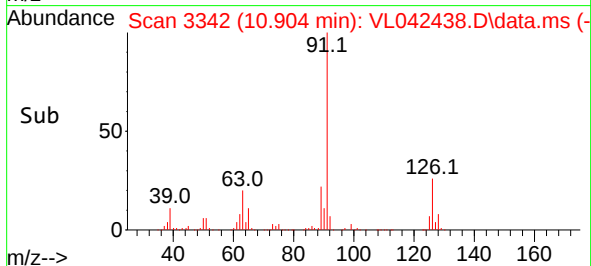
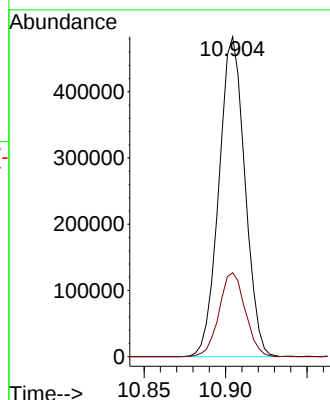
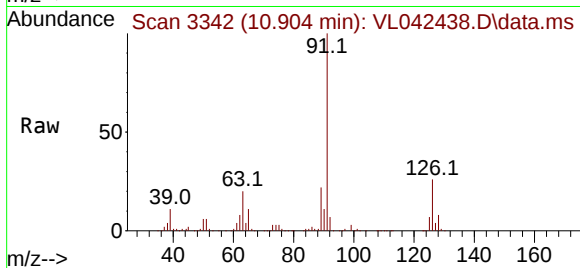
#71
2-Chlorotoluene
Concen: 10.614 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01

Tgt Ion: 91 Resp: 53495
Ion Ratio Lower Upper
91 100
126 26.4 11.4 45.4

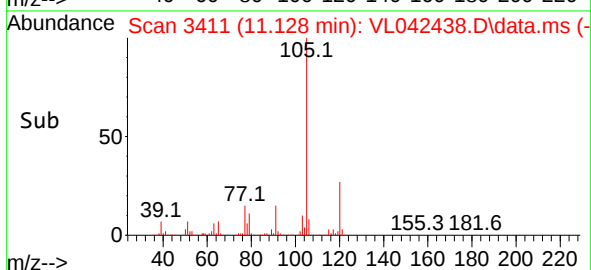
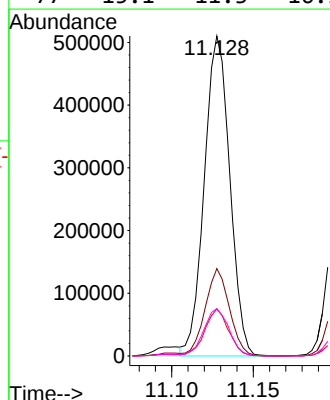
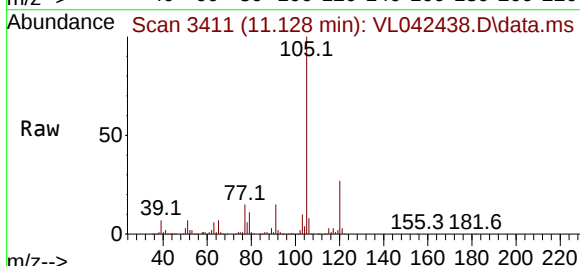
Manual Integrations
APPROVED

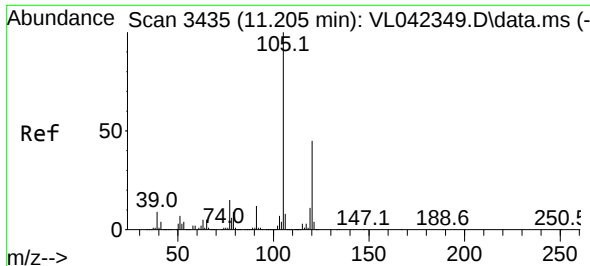
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#72
4-Ethyltoluene
Concen: 10.351 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

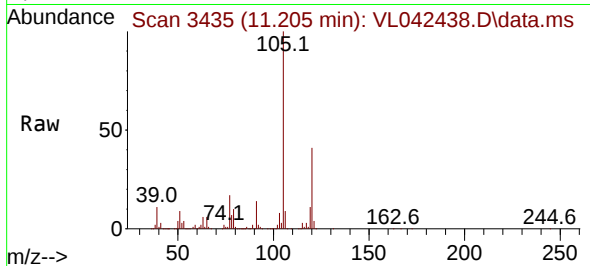
Tgt Ion:105 Resp: 553879
Ion Ratio Lower Upper
105 100
120 26.9 23.2 34.8
91 14.3 10.4 15.6
77 15.1 11.3 16.9





#73
1,3,5-Trimethylbenzene
Concen: 10.403 ppbv
RT: 11.205 min Scan# 3435
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

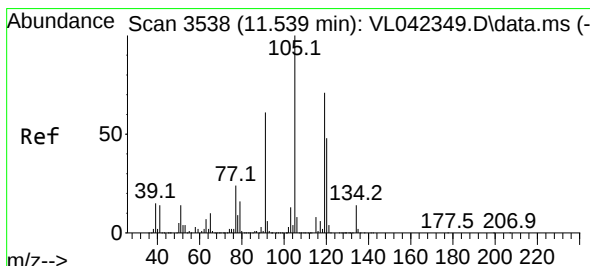
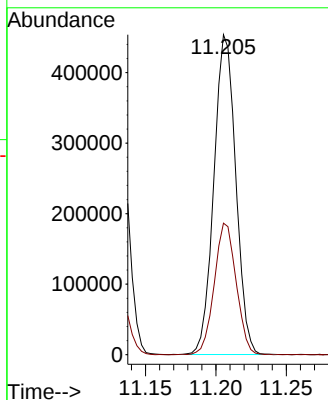
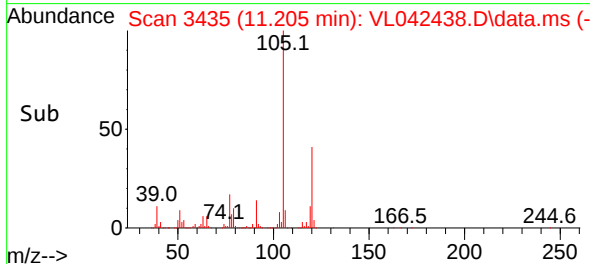
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



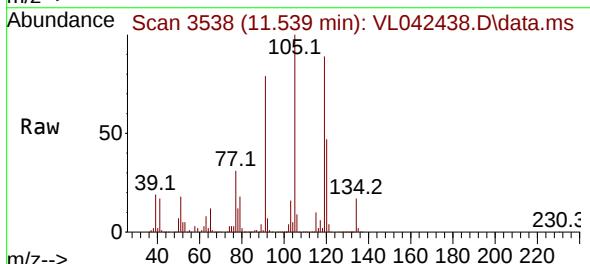
Tgt Ion:105 Resp: 491459
Ion Ratio Lower Upper
105 100
120 41.1 35.6 53.4

Manual Integrations
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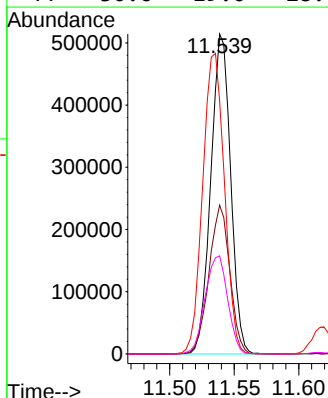
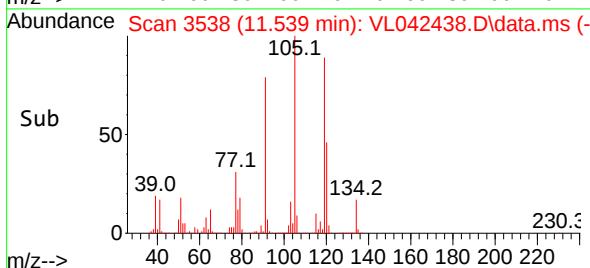
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

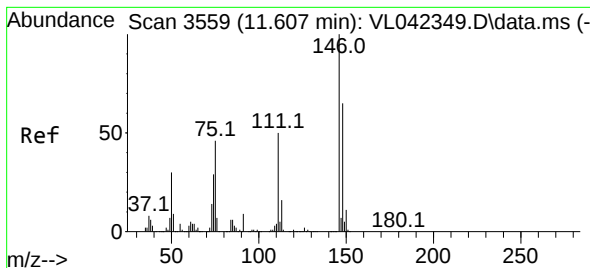


#74
1,2,4-Trimethylbenzene
Concen: 9.939 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



Tgt Ion:105 Resp: 548408
Ion Ratio Lower Upper
105 100
120 46.5 38.1 57.1
91 79.0 48.8 73.2#
77 30.6 19.0 28.4#





#75

1,3-Dichlorobenzene

Concen: 9.931 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

Instrument :

MSVOA_L

ClientSampleId :

VL0429ABS01

Tgt Ion:146 Resp: 284809

Ion Ratio Lower Upper

146 100

111 52.1 24.3 72.8

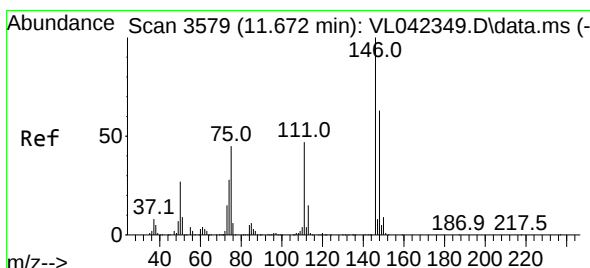
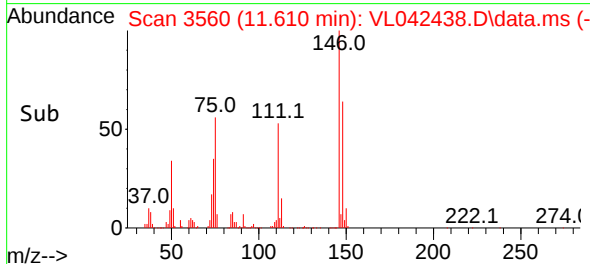
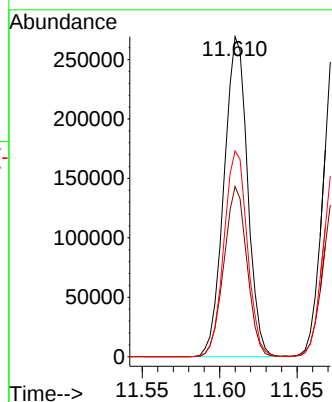
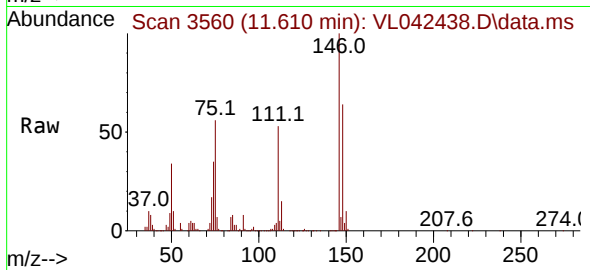
148 63.8 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025

Supervised By :Mahesh Dadoda 04/30/2025



#76

1,4-Dichlorobenzene

Concen: 9.907 ppbv

RT: 11.675 min Scan# 3580

Delta R.T. 0.003 min

Lab File: VL042438.D

Acq: 29 Apr 2025 10:08

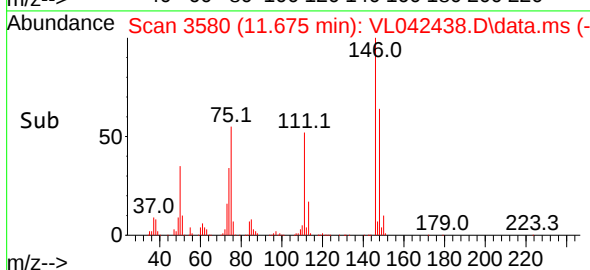
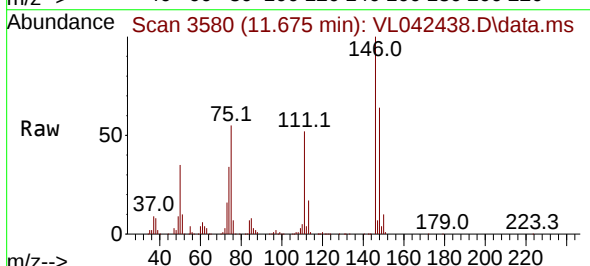
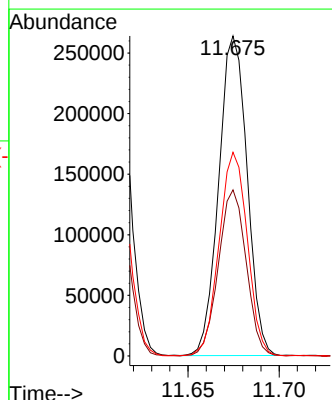
Tgt Ion:146 Resp: 285571

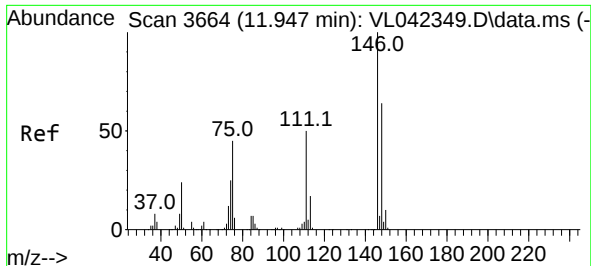
Ion Ratio Lower Upper

146 100

111 51.1 24.2 72.6

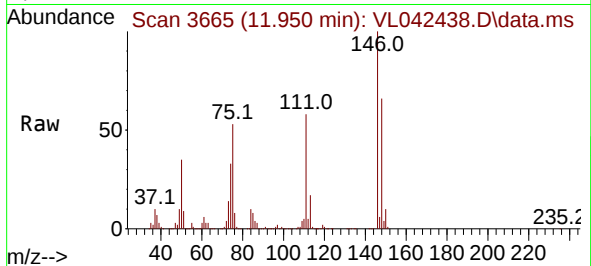
148 63.6 32.1 96.5





#77
1,2-Dichlorobenzene
Concen: 10.128 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

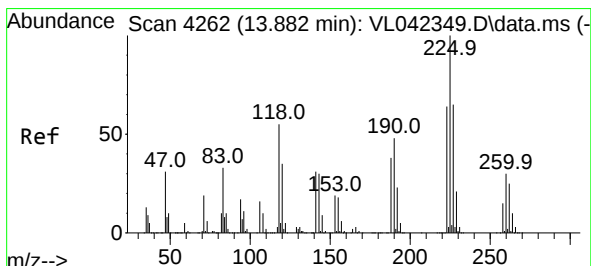
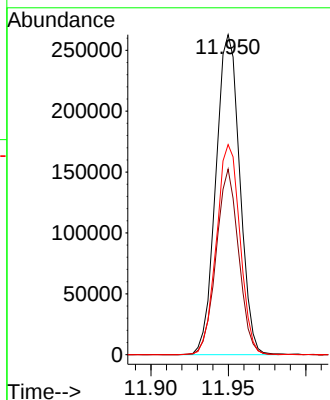
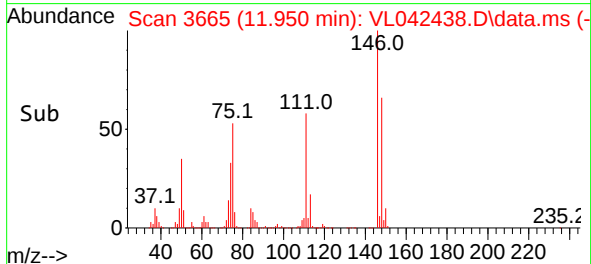
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



Tgt Ion:146 Resp: 282424
Ion Ratio Lower Upper
146 100
111 54.6 25.3 75.9
148 64.8 31.5 94.5

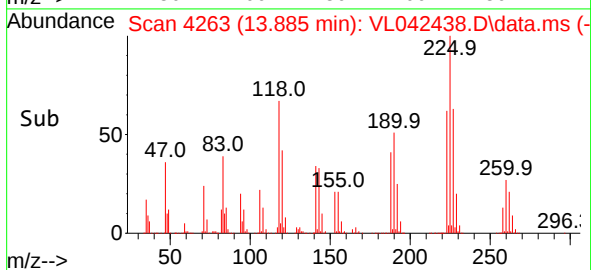
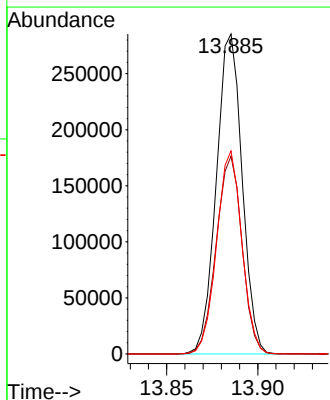
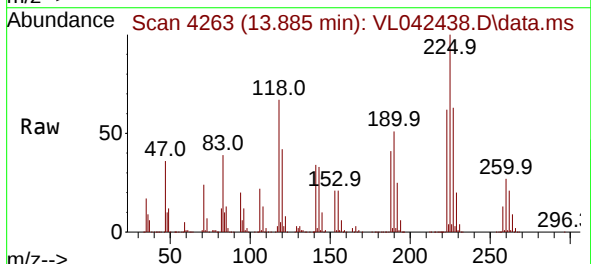
Manual Integrations
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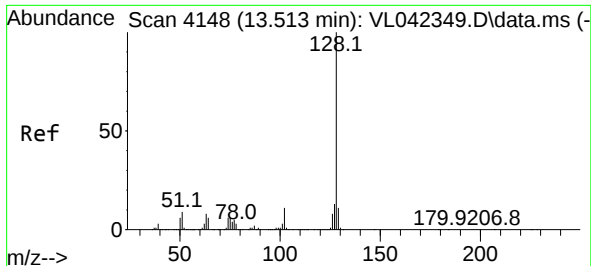
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025



#78
Hexachloro-1,3-Butadiene
Concen: 9.977 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

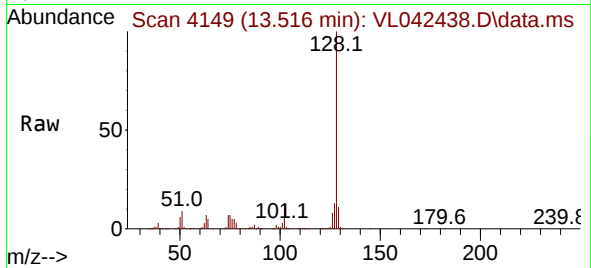
Tgt Ion:225 Resp: 280954
Ion Ratio Lower Upper
225 100
223 61.8 50.3 75.5
227 61.9 51.5 77.3





#79
Naphthalene
Concen: 9.425 ppbv
RT: 13.516 min Scan# 4148
Delta R.T. 0.003 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08

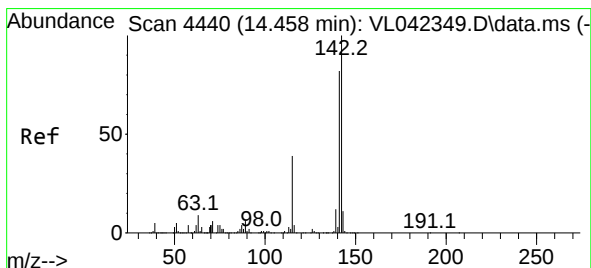
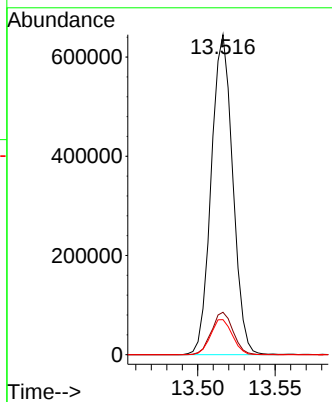
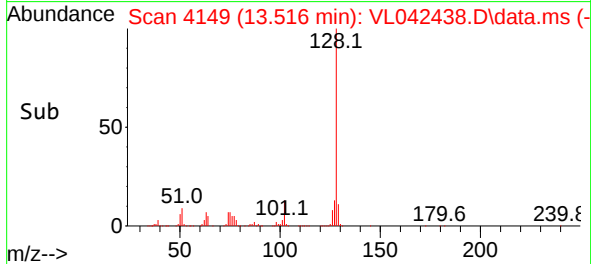
Instrument :
MSVOA_L
ClientSampleId :
VL0429ABS01



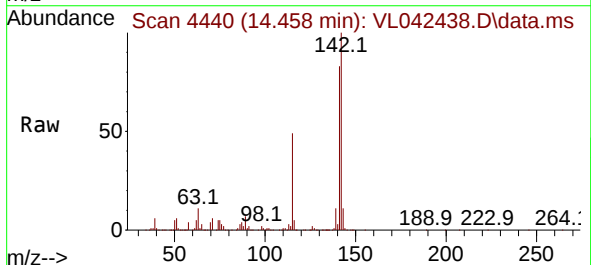
Tgt Ion:128 Resp: 621879
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.6 12.8

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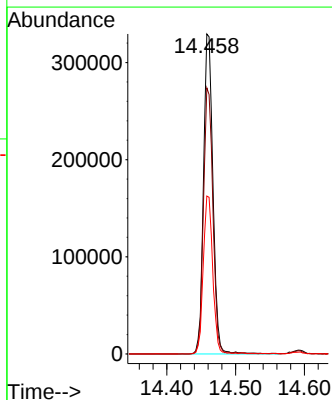
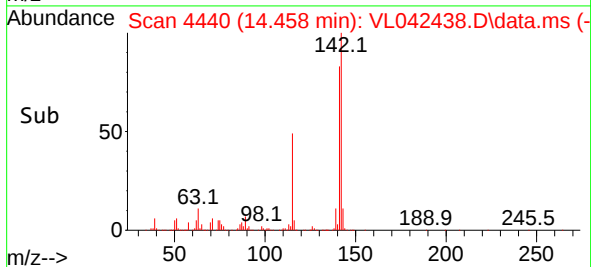
Reviewed By :Semsettin Yesilyurt 04/30/2025
Supervised By :Mahesh Dadoda 04/30/2025

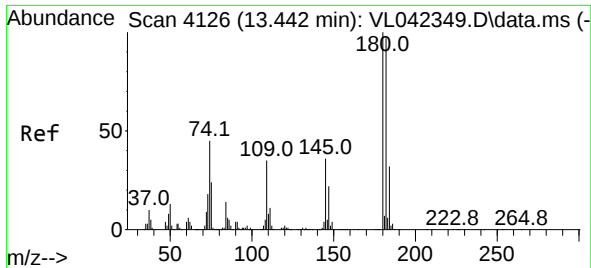


#80
Naphthalene,2-methyl-
Concen: 8.317 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. -0.000 min
Lab File: VL042438.D
Acq: 29 Apr 2025 10:08



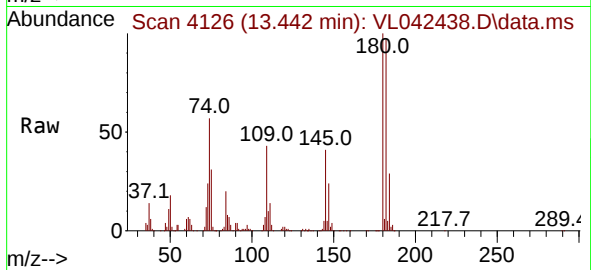
Tgt Ion:142 Resp: 312733
Ion Ratio Lower Upper
142 100
141 84.1 66.8 100.2
115 49.9 33.4 50.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.498 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042438.D
 Acq: 29 Apr 2025 10:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0429ABS01



Tgt Ion:180 Resp: 26908
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.8 115.2
 184 29.3 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2025
 Supervised By :Mahesh Dadoda 04/30/2025

