

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041854.D
 Acq On : 07 Jan 2025 20:36
 Operator : SY/MD
 Sample : VL0107ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS01

Quant Time: Jan 08 03:58:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

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

Internal Standards						
1) Bromochloromethane	2.793	49	85990	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	194920	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	165772	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	151241	10.652	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.500%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.502	85	146771	10.402	ppbv	99
3) Chlorodifluoromethane	1.479	51	135919	10.082	ppbv	99
4) Chloromethane	1.534	50	60366	10.404	ppbv	97
5) Vinyl Chloride	1.583	62	53590	9.158	ppbv	99
6) Bromomethane	1.670	94	24581	9.806	ppbv	99
7) Chloroethane	1.709	64	22309	9.903	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	125331	10.296	ppbv	100
9) Propene	1.486	41	45656	9.728	ppbv	99
10) Heptane	4.994	43	144790	12.489	ppbv	98
11) Trichlorofluoromethane	1.881	101	148270	10.335	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	109192	10.219	ppbv	99
13) Ethanol	1.725	45	2779	4.507	ppbv	92
14) Bromoethene	1.787	108	35736	10.216	ppbv	98
15) Acetone	1.839	43	135237	8.542	ppbv	97
16) 1,3-Butadiene	1.612	39	65023	10.474	ppbv	96
17) tert-Butyl alcohol	2.046	59	138354	10.086	ppbv	100
18) 1,1-Dichloroethene	2.039	96	43896	9.812	ppbv	95
19) Isopropyl Alcohol	1.890	45	64033	8.616	ppbv	99
20) Methylene Chloride	2.065	84	40402	8.927	ppbv	95
21) Allyl Chloride	2.101	41	85878	10.530	ppbv	98
22) trans-1,2-Dichloroethene	2.347	96	50124	10.025	ppbv	91
23) Vinyl Acetate	2.470	43	41833	8.496	ppbv #	95
24) 1,1-Dichloroethane	2.415	63	113470	10.369	ppbv	99
25) Ethyl Acetate	2.842	43	295219	11.120	ppbv	99
26) Hexane	2.835	57	105115	11.408	ppbv	95
27) Carbon Disulfide	2.156	76	104740	11.977	ppbv	100
28) Methyl tert-Butyl Ether	2.447	73	66688	9.603	ppbv	100
29) Chloroform	2.858	83	173121	10.114	ppbv	98
30) Cyclohexane	3.871	84	83245	11.914	ppbv	98
31) cis-1,2-Dichloroethene	2.729	61	97209	10.250	ppbv	99
32) 1,1,1-Trichloroethane	3.379	97	158450	10.214	ppbv	99
34) 2-Butanone	2.564	43	162772	10.601	ppbv	99
35) Carbon Tetrachloride	3.774	117	168870	11.463	ppbv	96
36) Benzene	3.667	78	205594	11.041	ppbv	97
37) 1,2-Dichloroethane	3.227	62	132576	10.830	ppbv	99
38) Trichloroethene	4.564	130	76911	10.741	ppbv	94
39) 1,2-Dichloropropane	4.331	63	76980	10.687	ppbv	96
40) 1,4-Dioxane	4.599	88	31586	11.330	ppbv #	79
41) Tetrahydrofuran	3.065	42	87142	12.048	ppbv	99
42) Bromodichloromethane	4.502	83	168564	11.741	ppbv	97
43) Methyl Methacrylate	4.900	69	72301	12.365	ppbv	99
44) 2,2,4-Trimethylpentane	4.654	57	383142	12.488	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	62730	10.988	ppbv	92

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.622	75	85898	11.427	ppbv	95
47) 1,1,2-Trichloroethane	6.596	97	82732	10.873	ppbv	94
48) Dibromochloromethane	7.402	129	118547	12.224	ppbv	96
49) Bromoform	9.496	173	99742	12.834	ppbv	100
50) 4-Methyl-2-Pentanone	5.771	43	231659	13.046	ppbv	100
51) 2-Hexanone	7.454	43	185684	13.818	ppbv	99
52) Tetrachloroethene	8.237	164	63814	11.558	ppbv	96
53) Toluene	6.952	91	214221	12.926	ppbv	99
54) 1,2-Dibromoethane	7.668	107	106412	11.406	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.936	131	107865	11.417	ppbv	99
57) Chlorobenzene	8.933	112	187743	10.840	ppbv	93
58) Ethyl Benzene	9.367	91	312700	13.840	ppbv	100
59) m/p-Xylene	9.561	91	559970m	28.132	ppbv	
60) o-Xylene	9.975	91	277919	14.326	ppbv	99
61) Styrene	9.882	104	105876	14.068	ppbv	99
62) Isopropylbenzene	10.548	105	412478	13.534	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.972	83	186060	10.938	ppbv	99
64) n-propylbenzene	10.998	120	106028	13.560	ppbv	97
65) tert-Butylbenzene	11.542	119	378118	13.768	ppbv	99
66) Benzyl Chloride	11.626	91	25930	11.271	ppbv	99
67) sec-Butylbenzene	11.778	105	533436	13.311	ppbv	100
69) p-Isopropyltoluene	11.934	119	433960	13.793	ppbv	100
70) n-Butylbenzene	12.290	91	435228	13.769	ppbv	99
71) 2-Chlorotoluene	10.911	91	299922	13.557	ppbv	99
72) 4-Ethyltoluene	11.134	105	332097	14.156	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	286930	13.965	ppbv	98
74) 1,2,4-Trimethylbenzene	11.545	105	317547	13.342	ppbv #	79
75) 1,3-Dichlorobenzene	11.616	146	181271	11.380	ppbv	99
76) 1,4-Dichlorobenzene	11.681	146	180588	11.781	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	178366	10.745	ppbv	99
78) Hexachloro-1,3-Butadiene	13.892	225	115209	9.776	ppbv	99
79) Naphthalene	13.523	128	241512	13.776	ppbv	98
80) Naphthalene,2-methyl-	14.468	142	56888	8.767	ppbv	98
81) 1,2,4-Trichlorobenzene	13.452	180	107489	11.062	ppbv	99

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

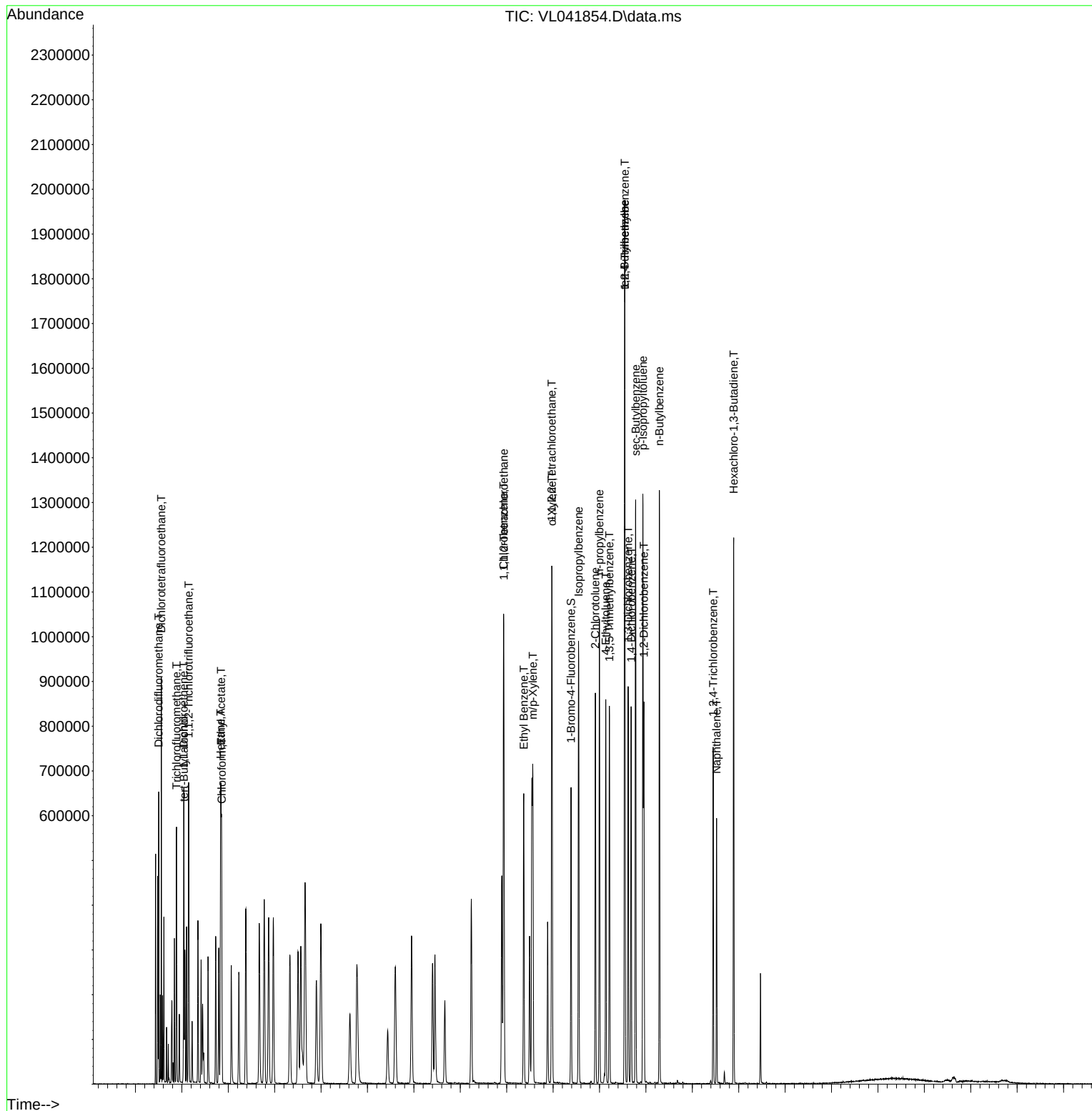
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ALS Vial : 1 Sample Multiplier: 1

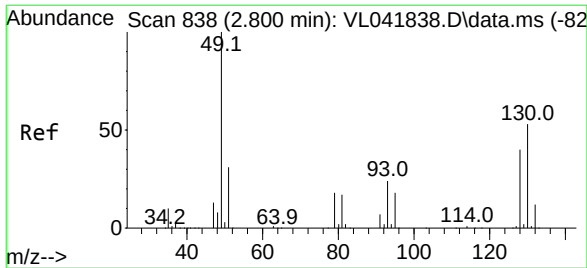
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Manual Integrations
APPROVED

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jan 08 03:26:12 2025
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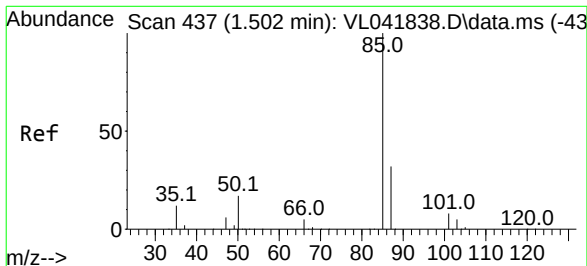
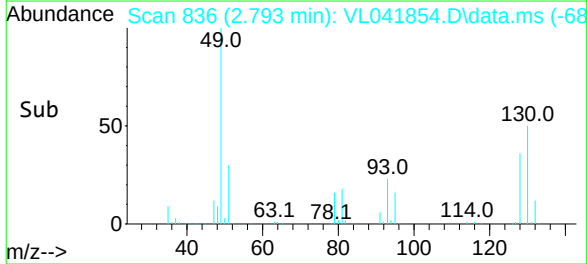
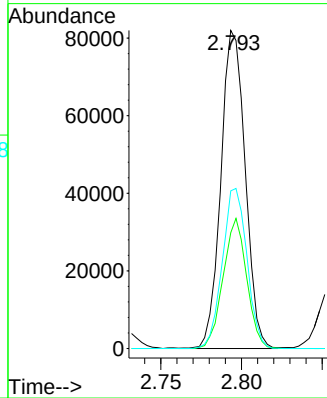
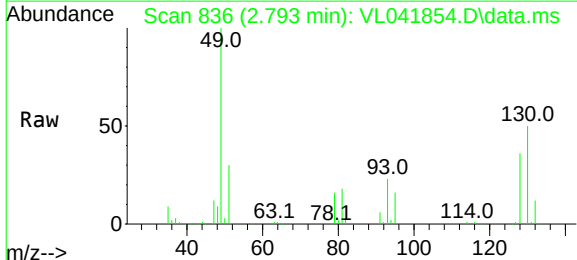
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 838
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion: 49 Resp: 85996
Ion Ratio Lower Upper
49 100
128 39.5 19.7 59.1
130 50.9 26.4 79.2

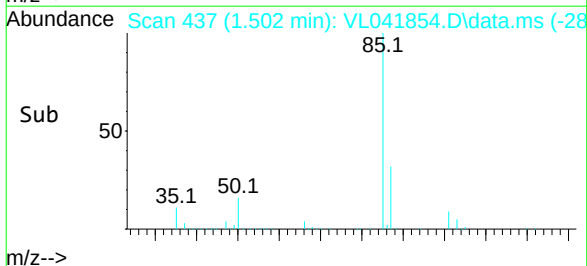
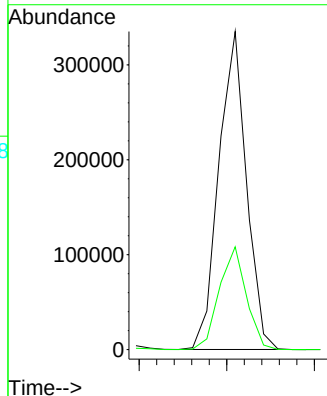
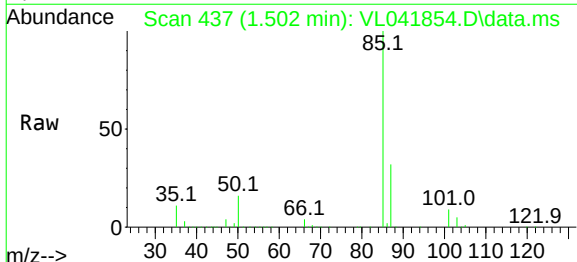
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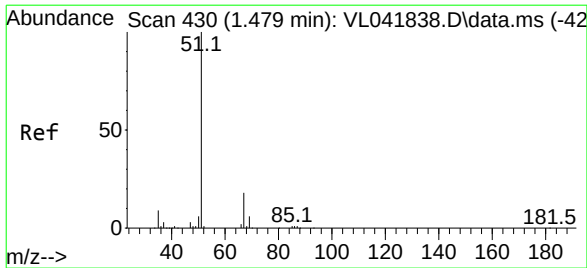
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 10.402 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 85 Resp: 146771
Ion Ratio Lower Upper
85 100
87 32.3 25.6 38.4





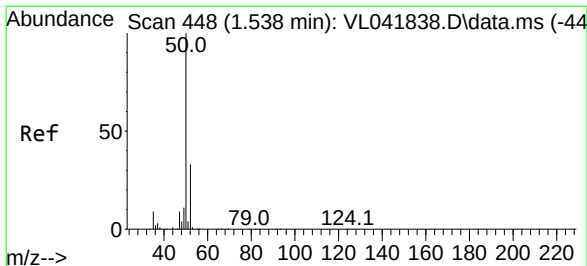
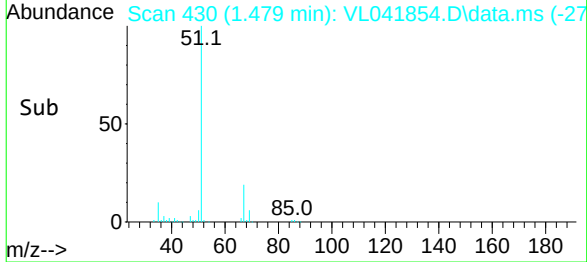
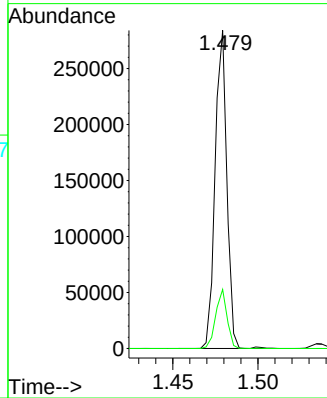
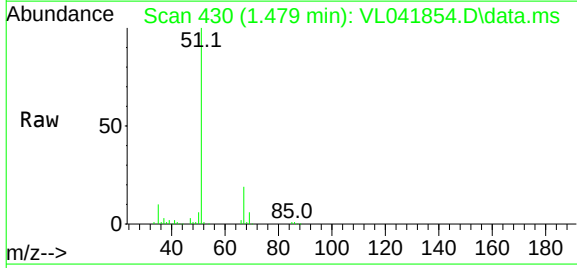
#3
Chlorodifluoromethane
Concen: 10.082 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument : MSVOA_L
ClientSampleId : VL0107ABS01

Tgt Ion: 51 Resp: 135919
Ion Ratio Lower Upper
51 100
67 18.0 14.6 22.0

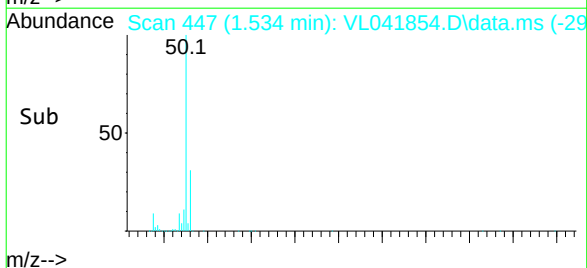
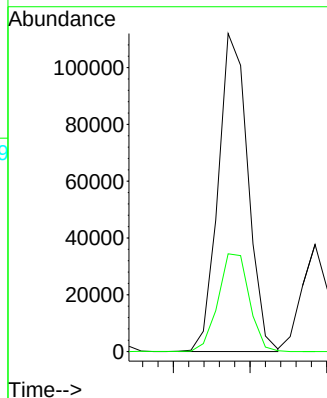
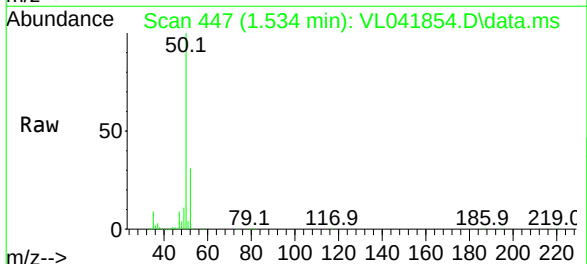
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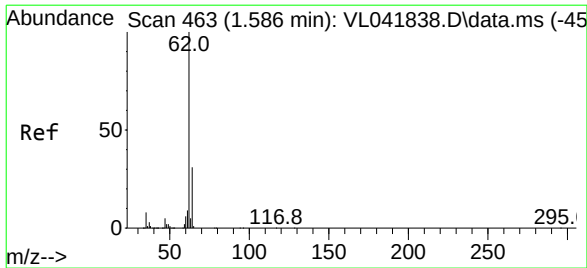
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 10.404 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 50 Resp: 60366
Ion Ratio Lower Upper
50 100
52 30.7 26.1 39.1





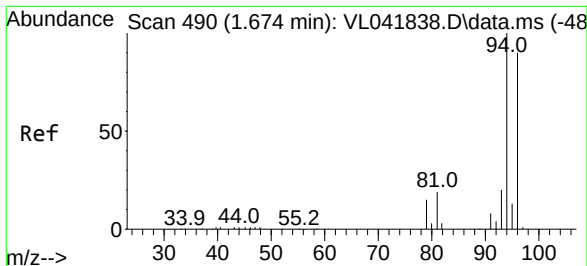
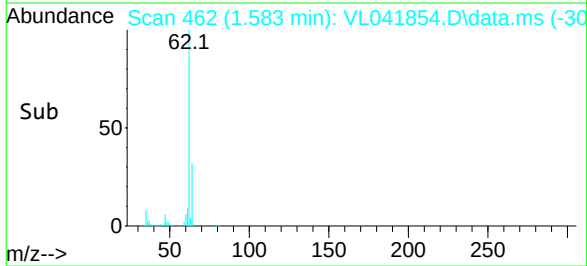
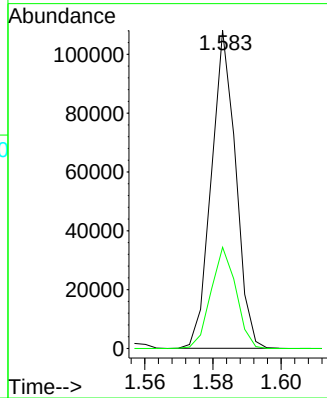
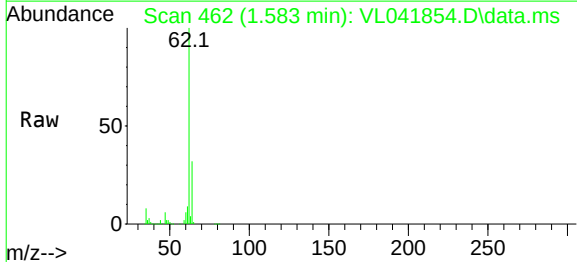
#5
 Vinyl Chloride
 Concen: 9.158 ppbv
 RT: 1.583 min Scan# 461
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS01

Tgt Ion: 62 Resp: 53596
 Ion Ratio Lower Upper
 62 100
 64 31.8 24.9 37.3

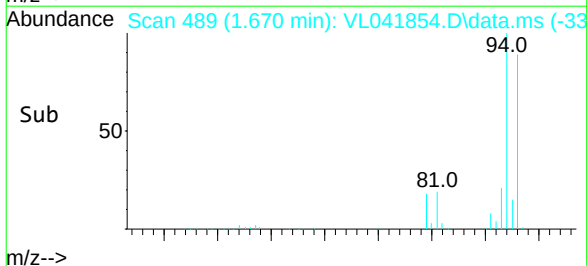
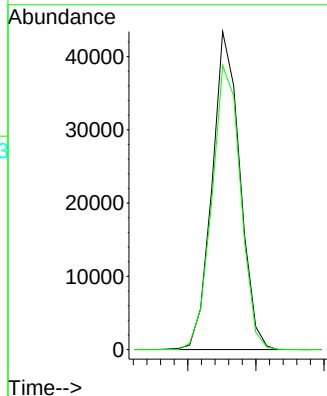
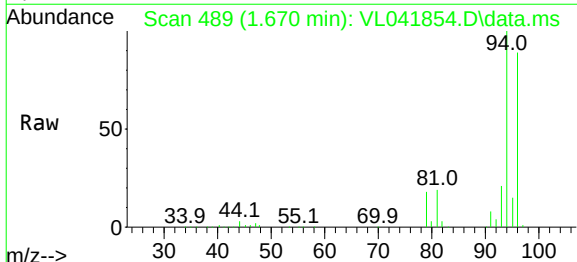
Manual Integrations
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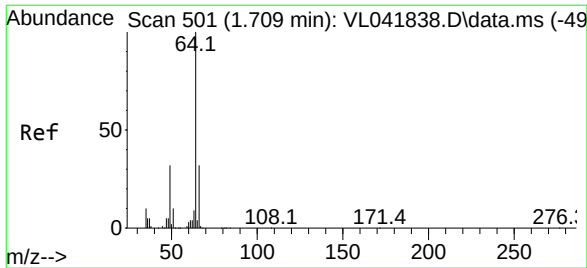
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 9.806 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

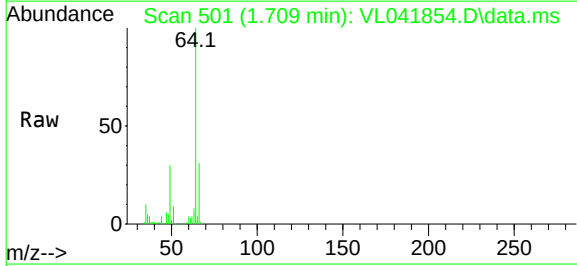
Tgt Ion: 94 Resp: 24581
 Ion Ratio Lower Upper
 94 100
 96 89.3 72.0 108.0





#7
Chloroethane
Concen: 9.903 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

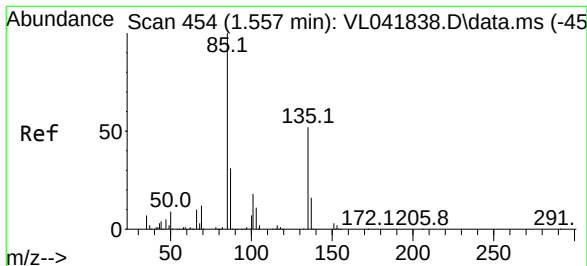
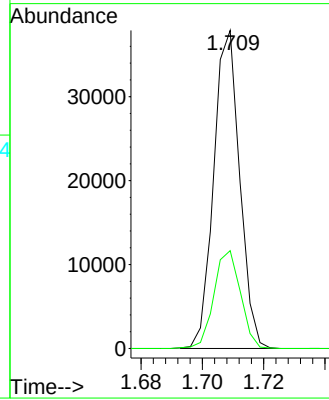
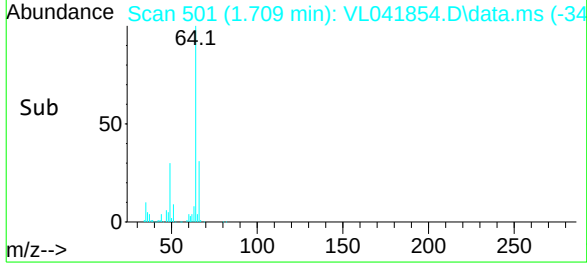
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 64 Resp: 22309
Ion Ratio Lower Upper
64 100
66 30.8 25.6 38.4

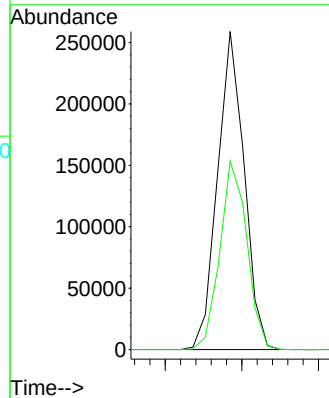
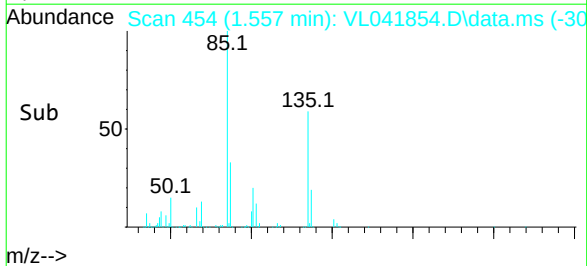
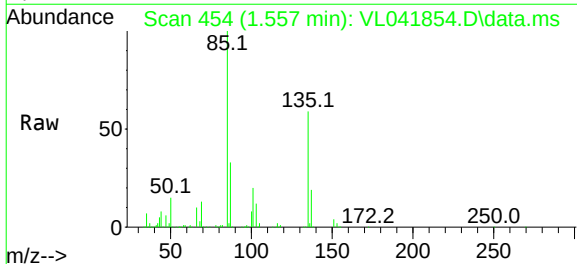
Manual Integrations
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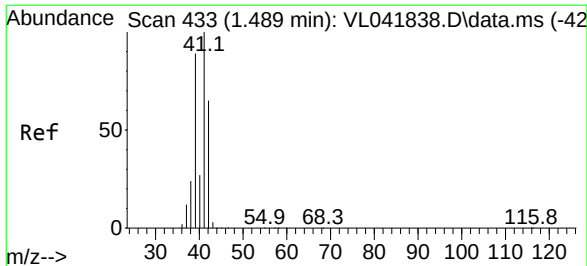
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 10.296 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

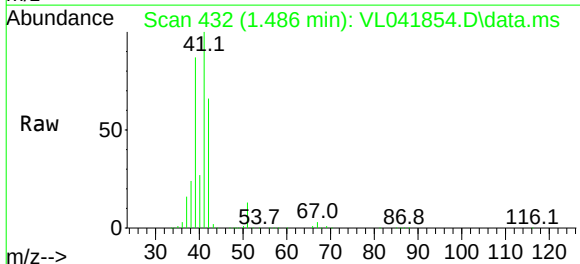
Tgt Ion: 85 Resp: 125331
Ion Ratio Lower Upper
85 100
135 60.1 47.9 71.9





#9
 Propene
 Concen: 9.728 ppbv
 RT: 1.486 min Scan# 43
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

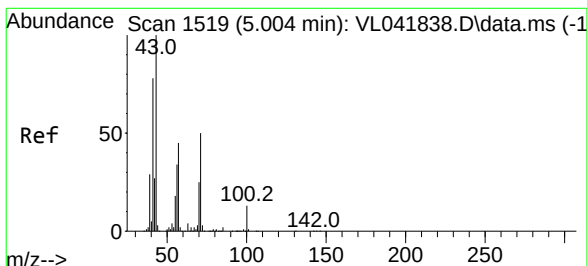
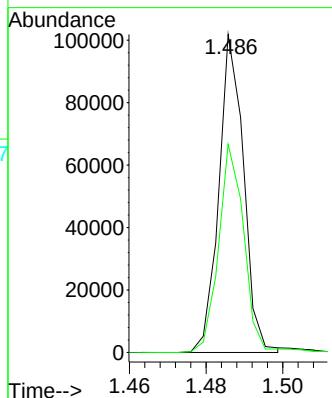
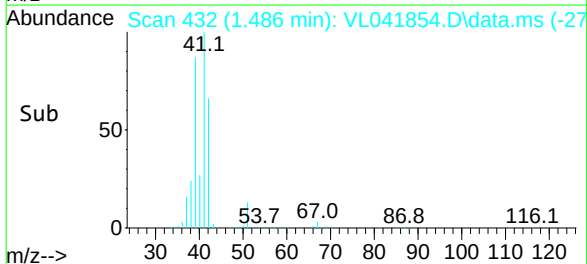
Instrument :
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 VL0107ABS01



Tgt Ion: 41 Resp: 45656
 Ion Ratio Lower Upper
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 42 68.3 53.9 80.9

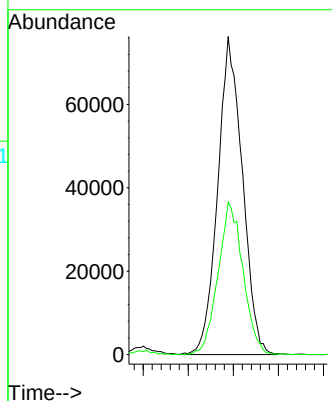
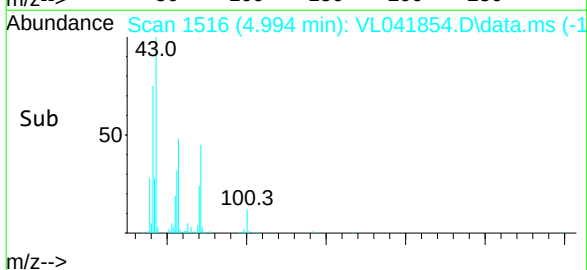
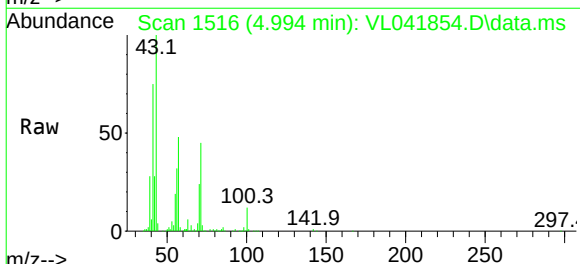
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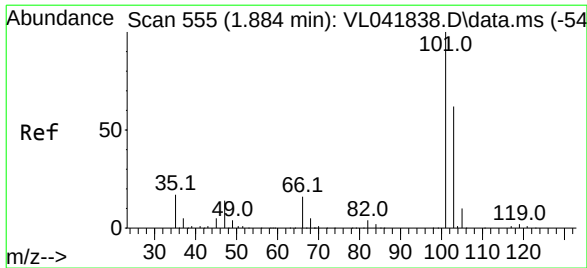
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#10
 Heptane
 Concen: 12.489 ppbv
 RT: 4.994 min Scan# 1516
 Delta R.T. -0.010 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion: 43 Resp: 144790
 Ion Ratio Lower Upper
 43 100
 57 48.5 37.8 56.6





#11

Trichlorofluoromethane

Concen: 10.335 ppbv

RT: 1.881 min Scan# 555

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01

Tgt Ion:101 Resp: 148270

Ion Ratio Lower Upper

101 100

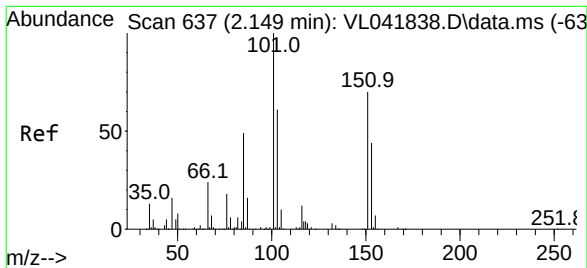
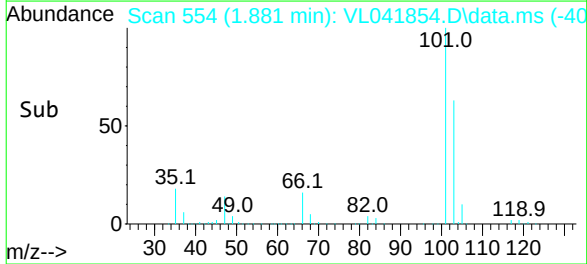
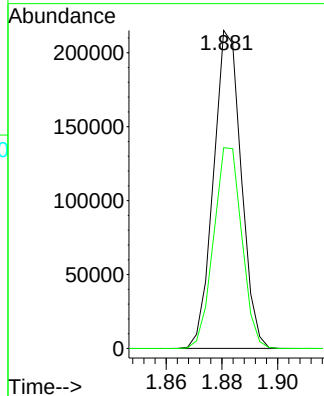
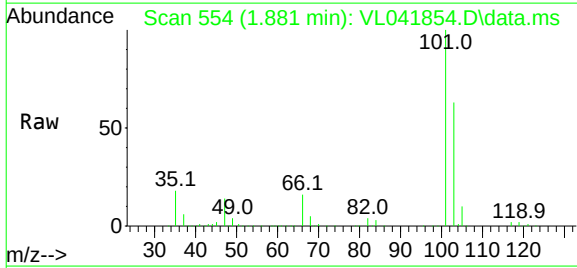
103 63.2 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.219 ppbv

RT: 2.146 min Scan# 636

Delta R.T. -0.003 min

Lab File: VL041854.D

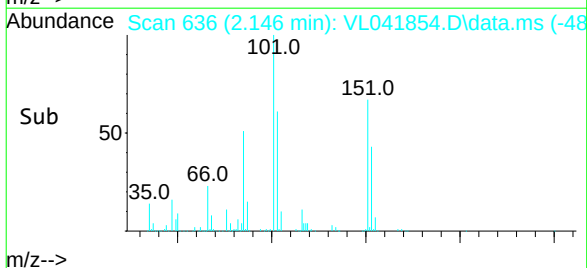
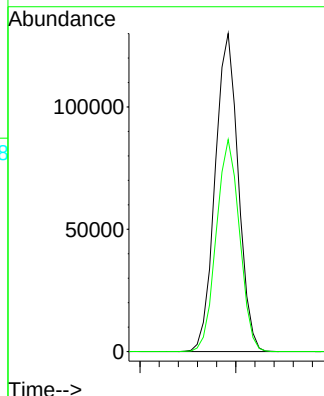
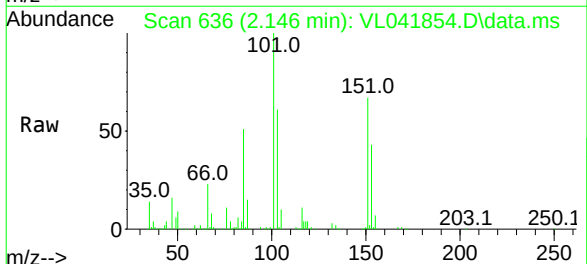
Acq: 07 Jan 2025 20:36

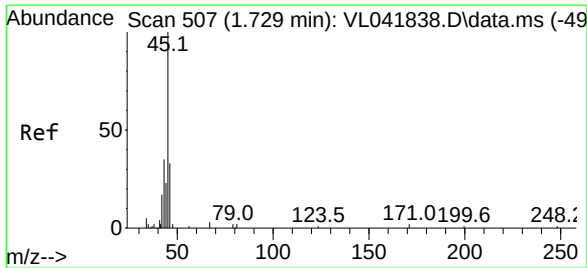
Tgt Ion:101 Resp: 109192

Ion Ratio Lower Upper

101 100

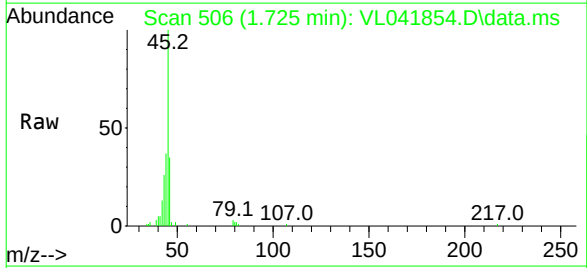
151 66.9 53.2 79.8





#13
Ethanol
Concen: 4.507 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

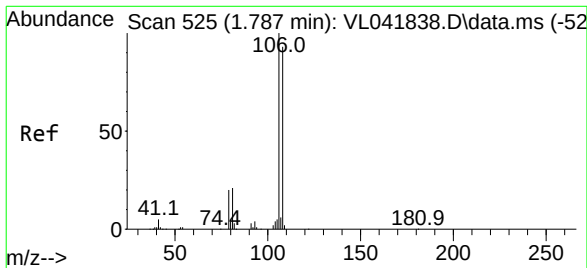
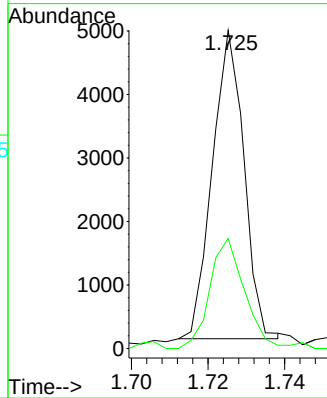
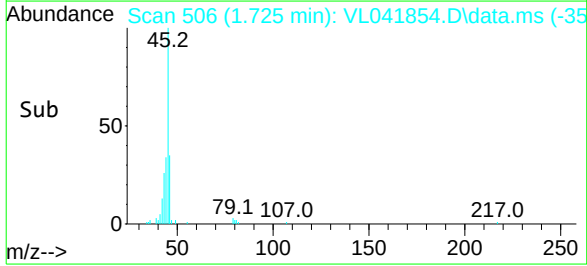
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



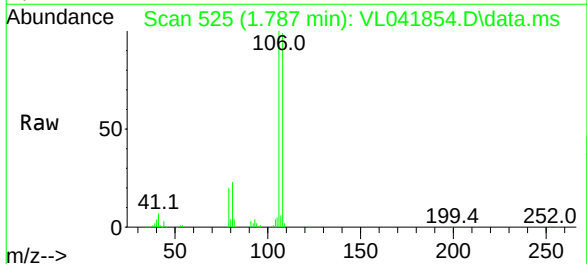
Tgt Ion: 45 Resp: 2779
Ion Ratio Lower Upper
45 100
46 41.3 14.6 58.2

Manual Integrations
APPROVED

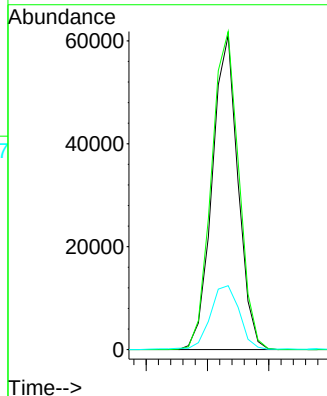
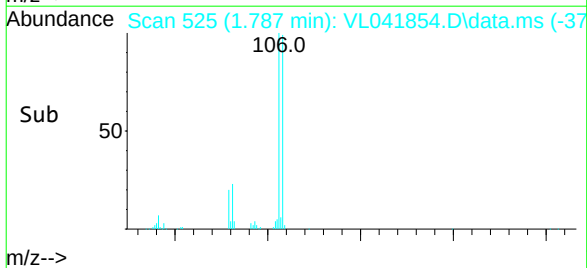
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

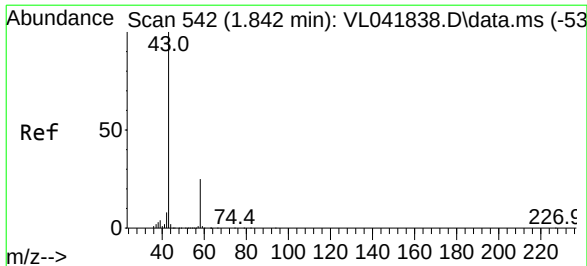


#14
Bromoethene
Concen: 10.216 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36



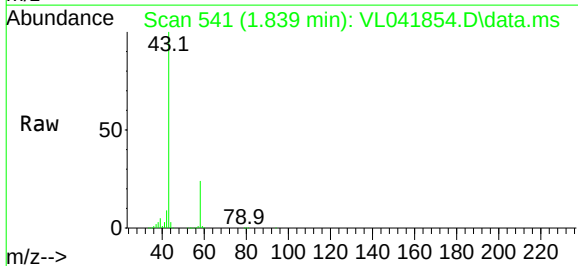
Tgt Ion:108 Resp: 35736
Ion Ratio Lower Upper
108 100
106 107.2 84.6 126.8
79 24.1 18.3 27.5





#15
Acetone
Concen: 8.542 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

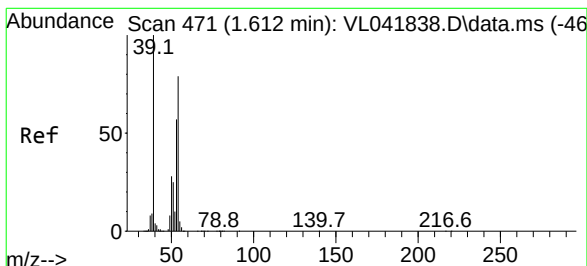
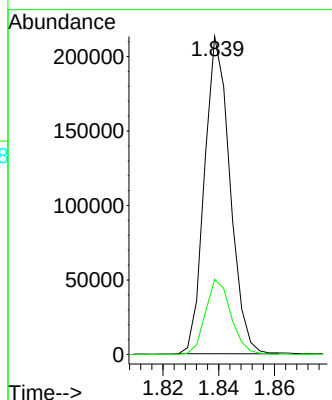
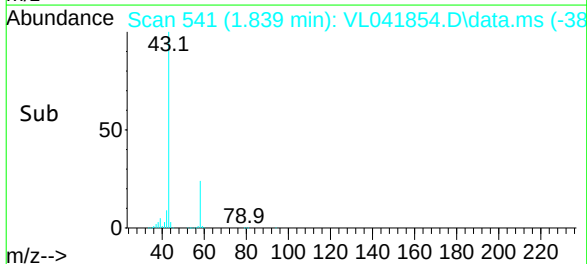
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 43 Resp: 135237
Ion Ratio Lower Upper
43 100
58 24.0 20.2 30.4

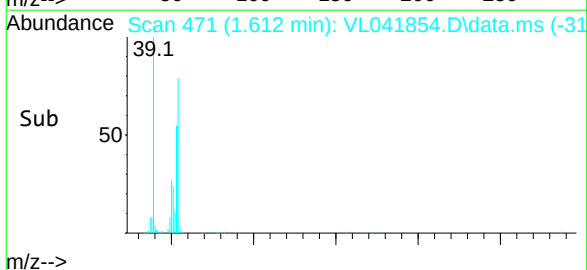
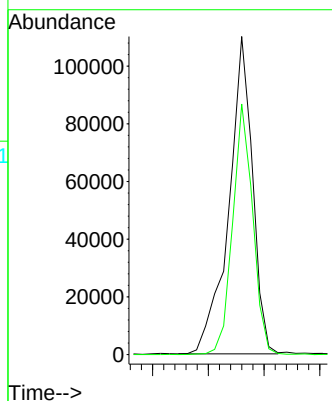
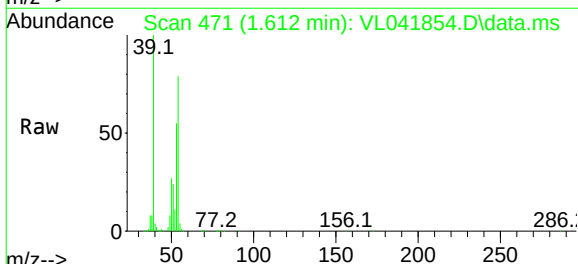
Manual Integrations
APPROVED

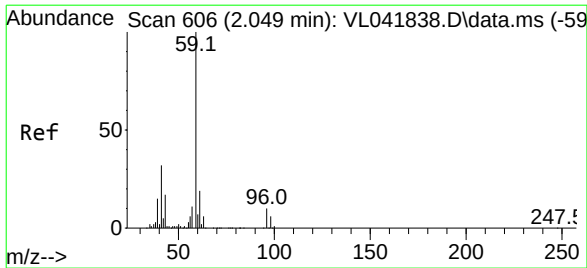
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 10.474 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.000 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

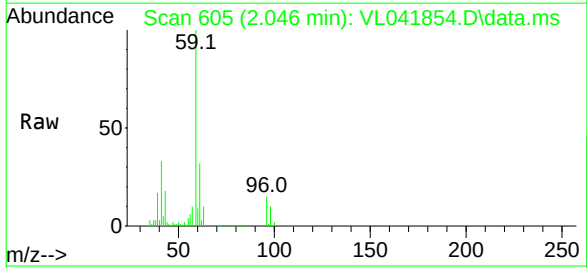
Tgt Ion: 39 Resp: 65023
Ion Ratio Lower Upper
39 100
54 67.0 56.2 84.4





#17
tert-Butyl alcohol
Concen: 10.086 ppbv
RT: 2.046 min Scan# 605
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

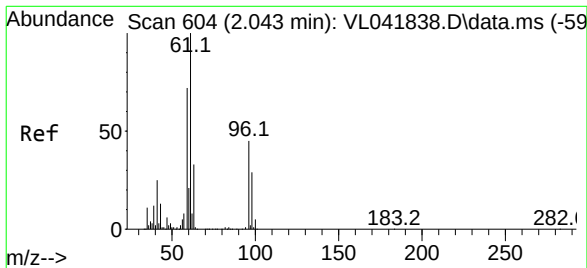
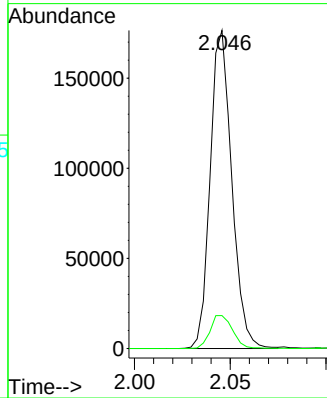
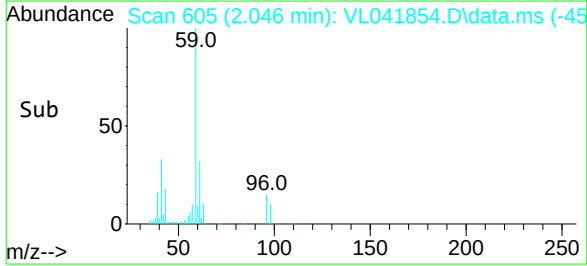
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



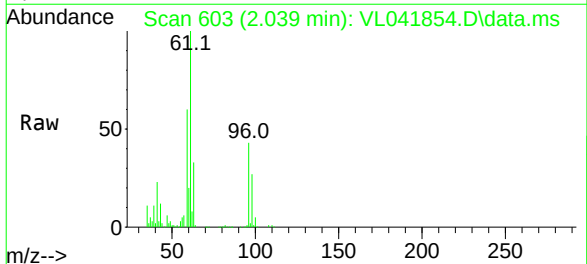
Tgt Ion: 59 Resp: 138354
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

Manual Integrations
APPROVED

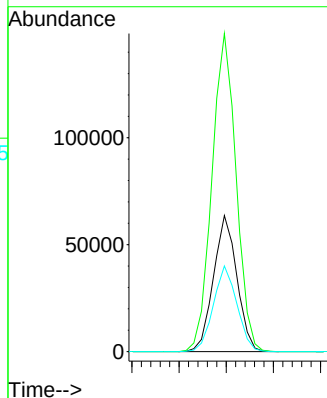
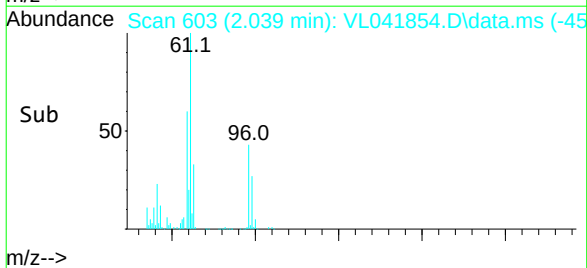
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

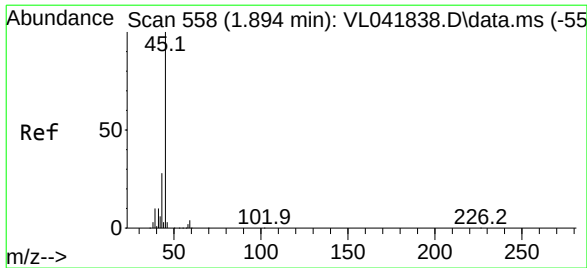


#18
1,1-Dichloroethene
Concen: 9.812 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36



Tgt Ion: 96 Resp: 43896
Ion Ratio Lower Upper
96 100
61 233.8 179.2 268.8
98 63.0 51.6 77.4





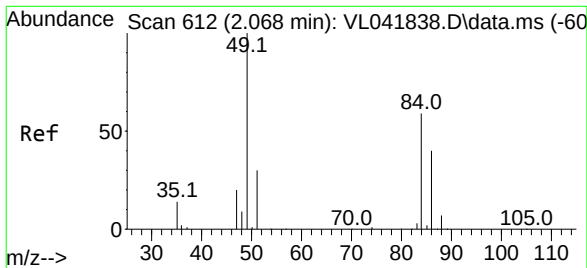
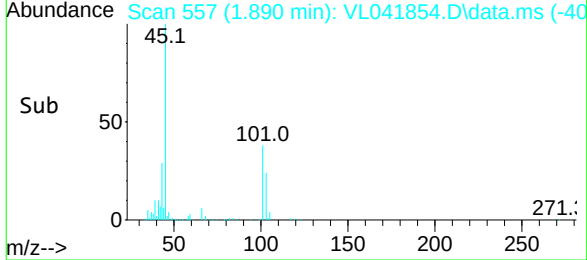
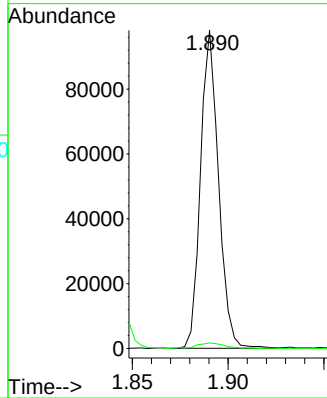
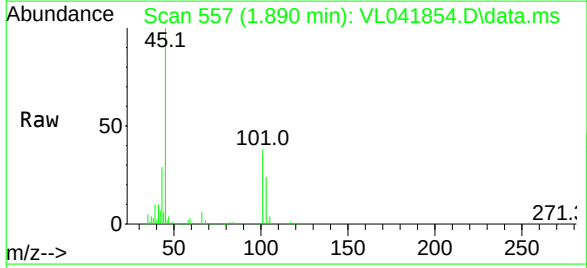
#19
Isopropyl Alcohol
Concen: 8.616 ppbv
RT: 1.890 min Scan# 558
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument : MSVOA_L
ClientSampleId : VL0107ABS01

Tgt Ion: 45 Resp: 64033
Ion Ratio Lower Upper
45 100
58 2.8 2.1 3.1

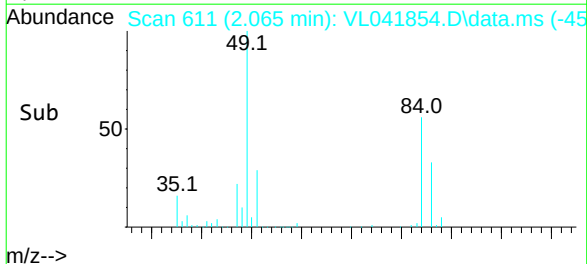
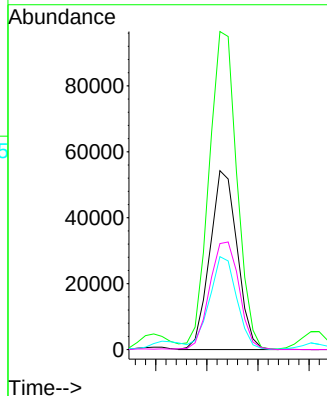
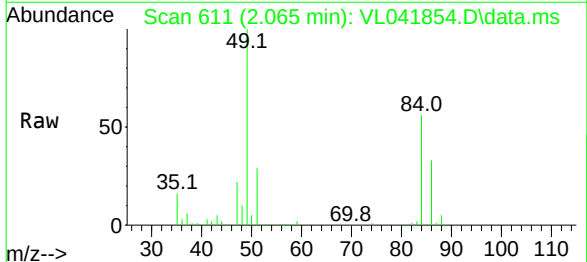
Manual Integrations
APPROVED

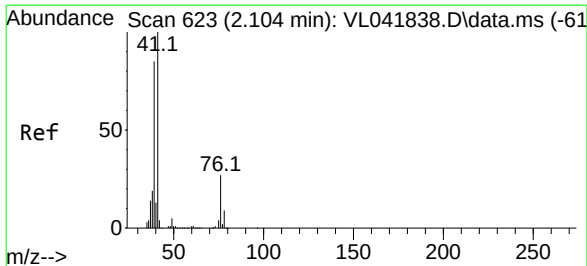
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#20
Methylene Chloride
Concen: 8.927 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 84 Resp: 40402
Ion Ratio Lower Upper
84 100
49 177.4 137.8 206.8
51 51.7 43.9 65.9
86 59.2 53.9 80.9





#21

Allyl Chloride

Concen: 10.530 ppbv

RT: 2.101 min Scan# 621

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

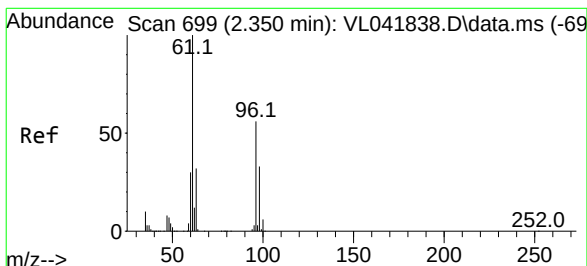
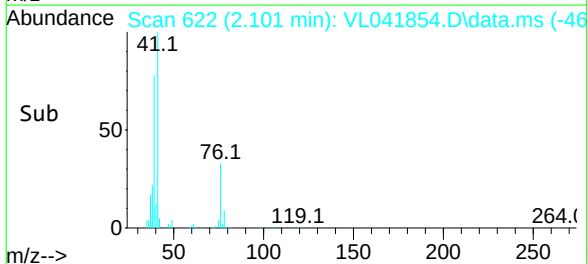
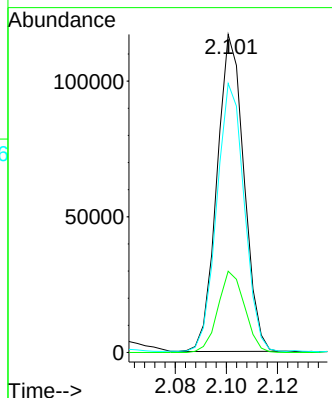
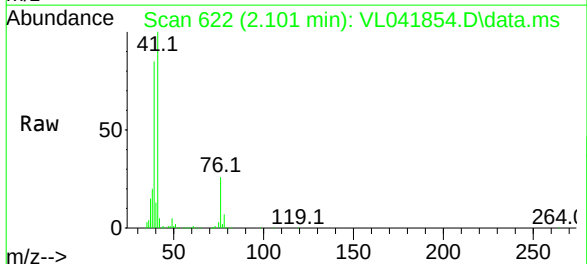
VL0107ABS01

Tgt Ion:	41	Resp:	85878
Ion	Ratio	Lower	Upper
41	100		
76	25.3	20.6	31.0
39	86.3	67.0	100.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#22

trans-1,2-Dichloroethene

Concen: 10.025 ppbv

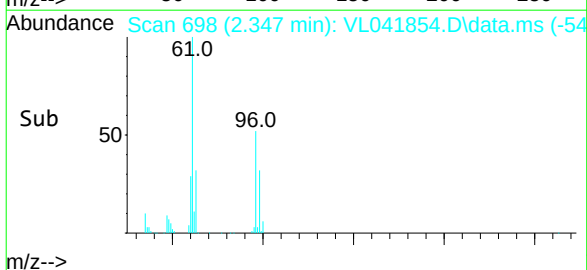
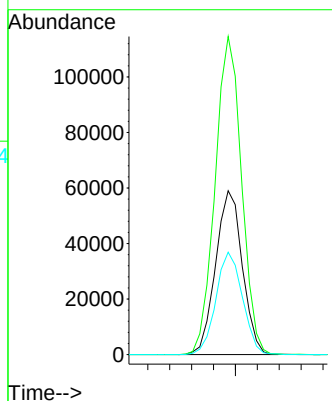
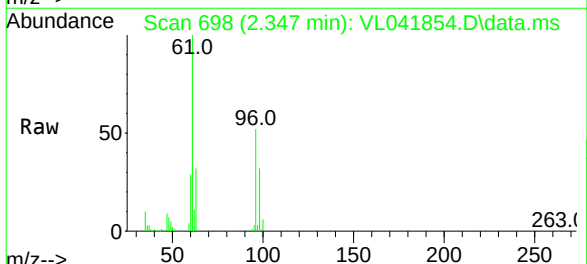
RT: 2.347 min Scan# 698

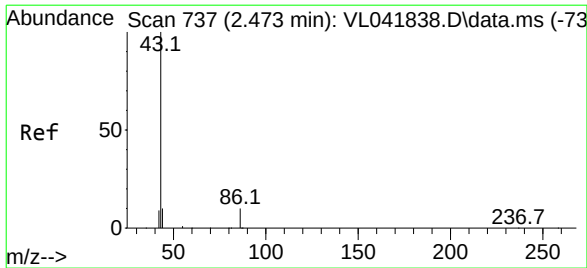
Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:	96	Resp:	50124
Ion	Ratio	Lower	Upper
96	100		
61	194.1	144.0	216.0
98	62.5	46.9	70.3





#23
 Vinyl Acetate
 Concen: 8.496 ppbv
 RT: 2.470 min Scan# 731
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

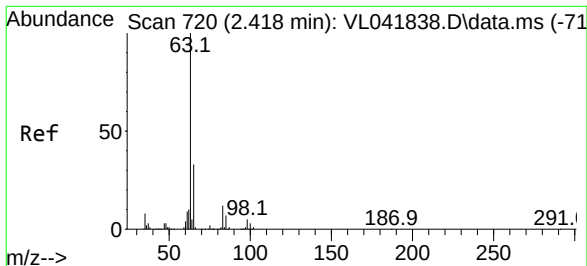
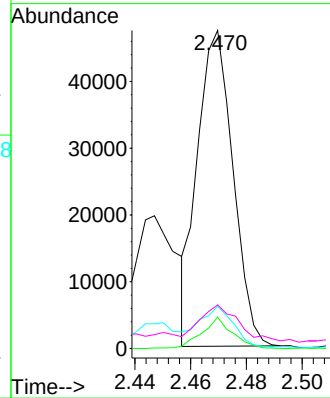
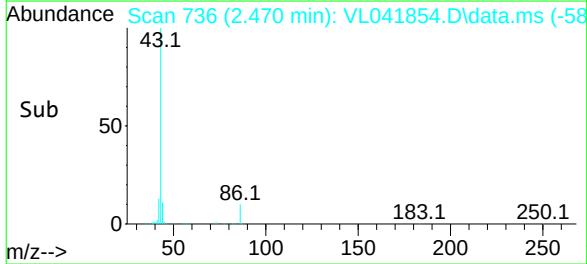
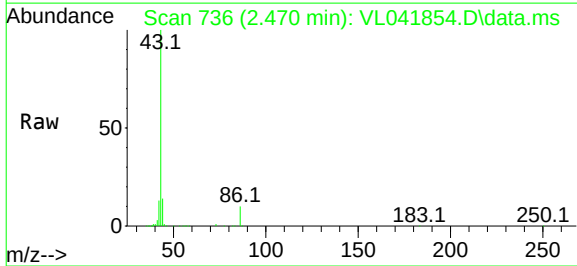
VL0107ABS01

Tgt Ion:	43	Resp:	41833
Ion	Ratio	Lower	Upper
43	100		
86	9.9	6.4	9.6
42	12.7	9.5	14.3
44	11.4	6.7	10.1

Manual Integrations

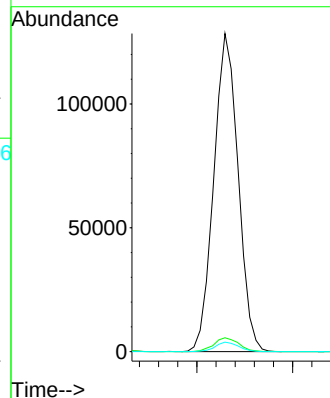
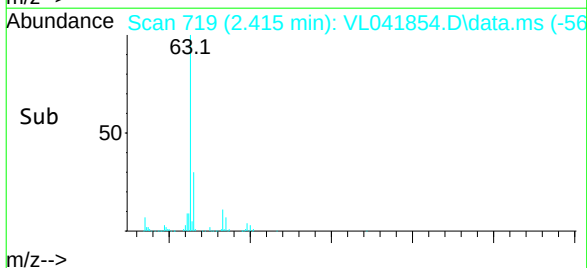
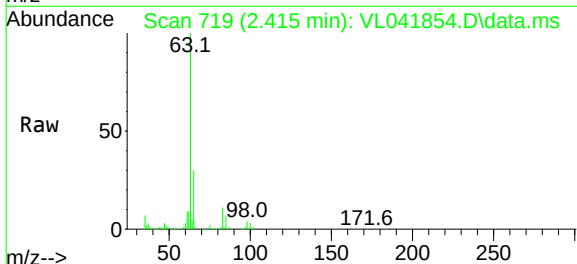
APPROVED

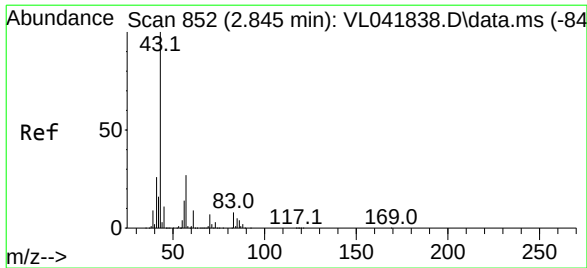
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#24
 1,1-Dichloroethane
 Concen: 10.369 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion:	63	Resp:	113470
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.3	6.9
100	3.0	1.4	4.0





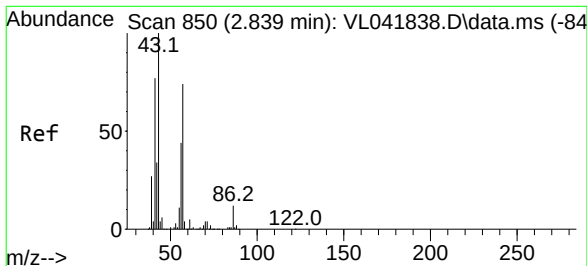
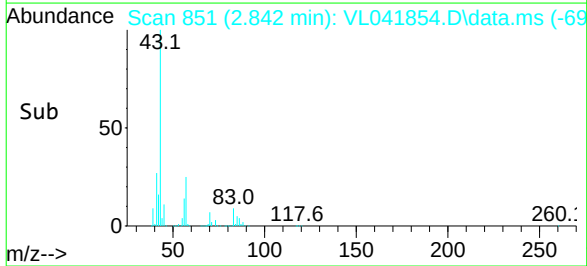
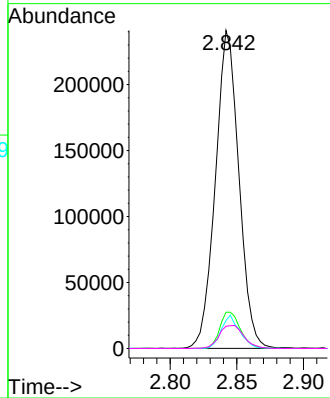
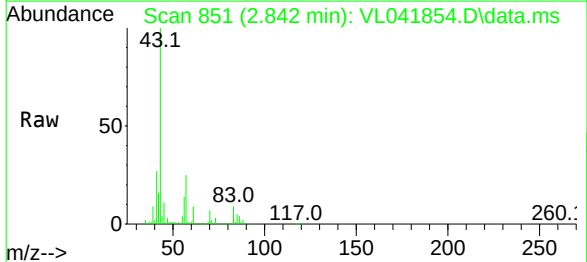
#25
Ethyl Acetate
Concen: 11.120 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.1	7.8	11.8
61	8.3	7.0	10.6
70	7.6	6.2	9.2

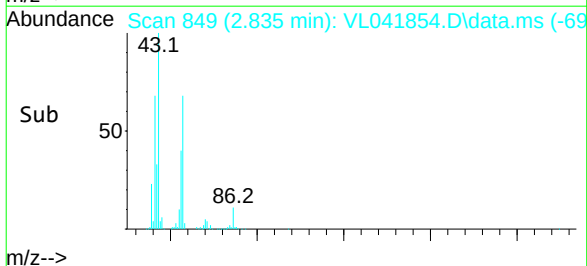
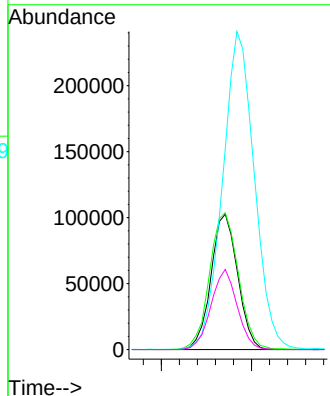
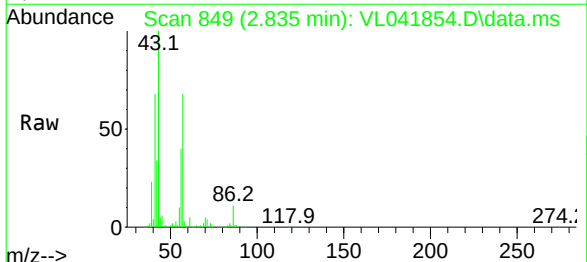
Manual Integrations
APPROVED

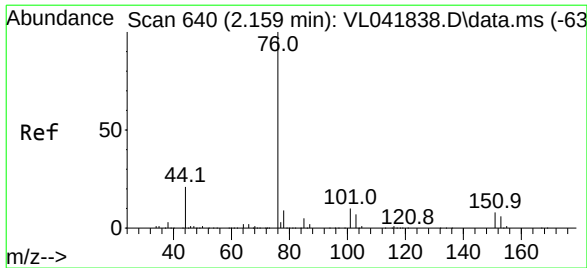
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#26
Hexane
Concen: 11.408 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

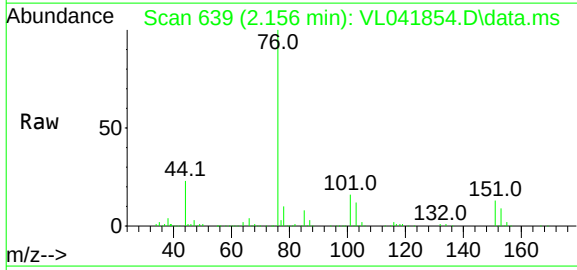
Tgt Ion	Ratio	Lower	Upper
57	100		
41	110.2	84.0	126.0
43	282.6	218.4	327.6
56	58.2	45.7	68.5





#27
Carbon Disulfide
Concen: 11.977 ppbv
RT: 2.156 min Scan# 639
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

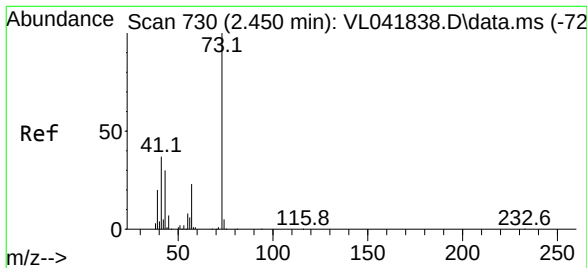
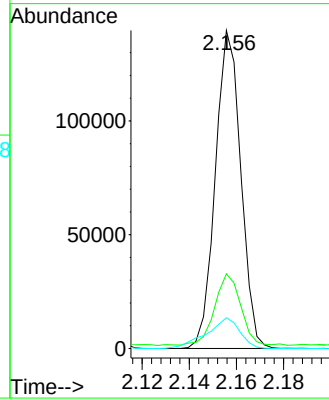
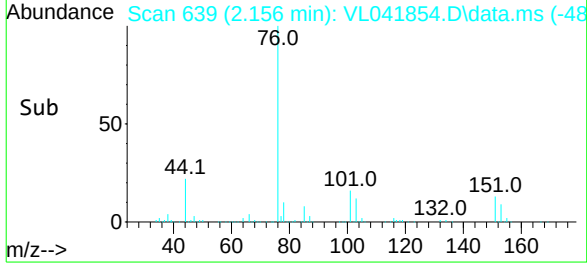
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



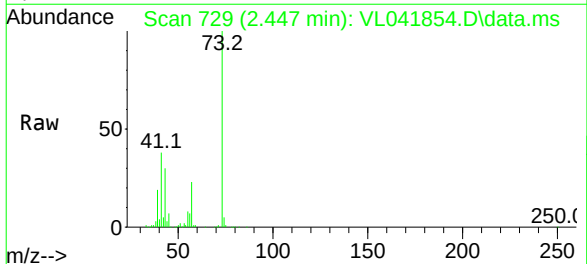
Tgt Ion: 76 Resp: 104740
Ion Ratio Lower Upper
76 100
44 24.8 19.8 29.8
78 12.5 9.8 14.8

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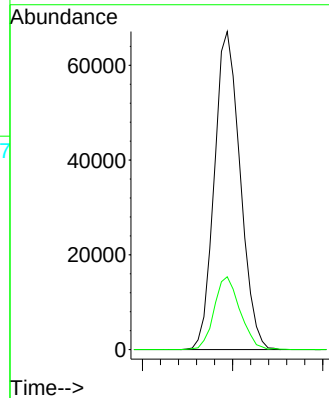
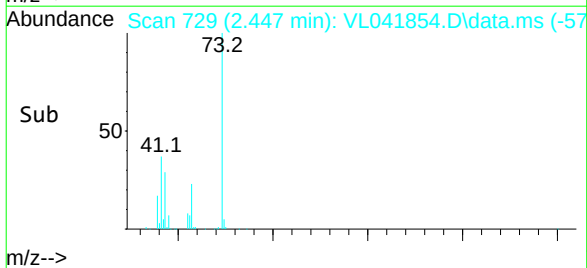
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

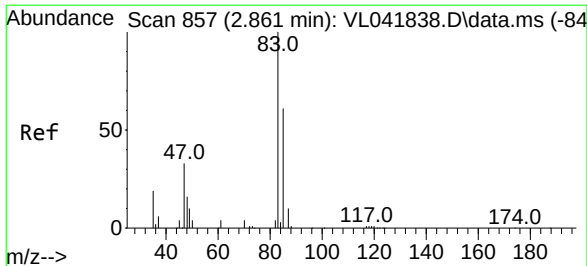


#28
Methyl tert-Butyl Ether
Concen: 9.603 ppbv
RT: 2.447 min Scan# 729
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36



Tgt Ion: 73 Resp: 66688
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





#29

Chloroform

Concen: 10.114 ppbv

RT: 2.858 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL041854.D

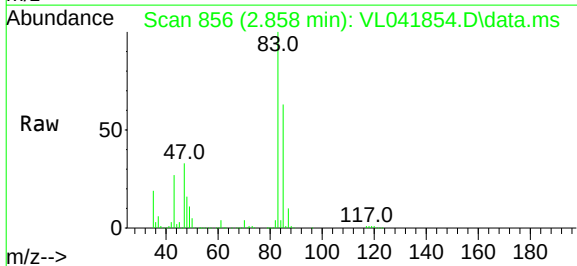
Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01



Tgt Ion: 83 Resp: 173121

Ion Ratio Lower Upper

83 100

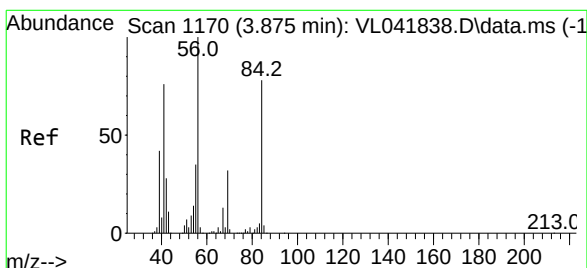
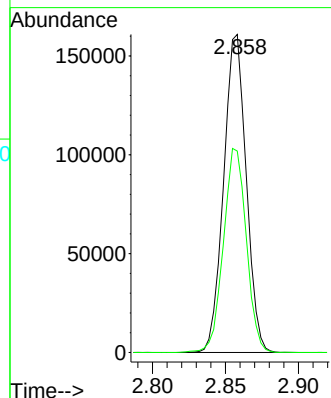
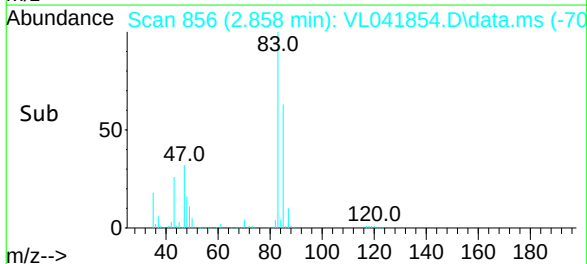
85 63.3 49.6 74.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#30

Cyclohexane

Concen: 11.914 ppbv

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

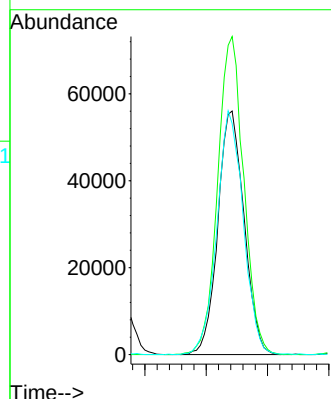
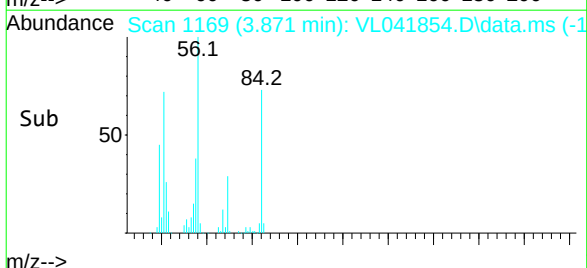
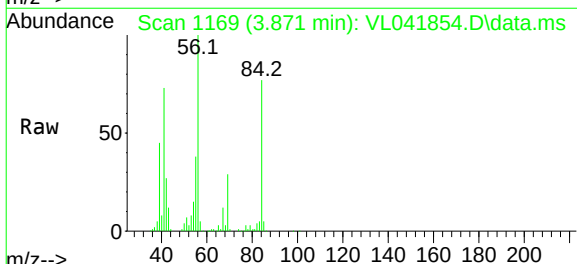
Tgt Ion: 84 Resp: 83245

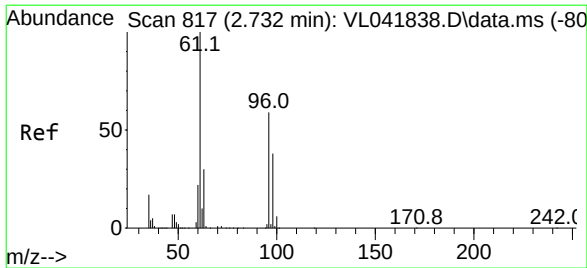
Ion Ratio Lower Upper

84 100

56 129.9 105.0 157.6

41 100.6 78.9 118.3





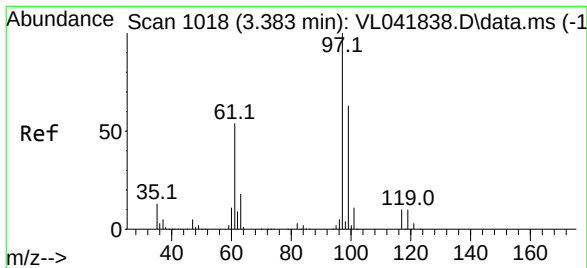
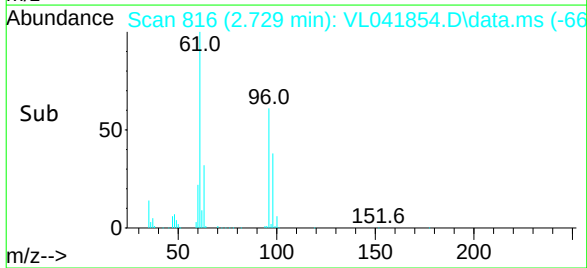
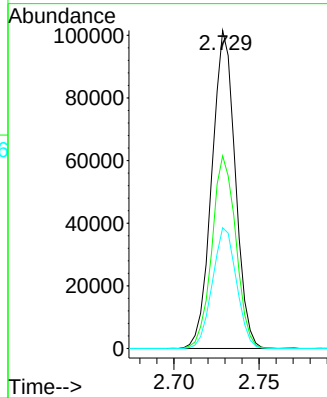
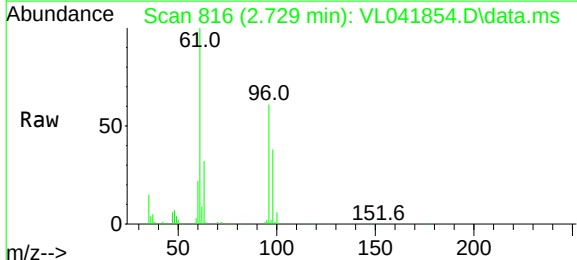
#31
 cis-1,2-Dichloroethene
 Concen: 10.250 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS01

Tgt Ion:	61	Resp:	97209
Ion	Ratio	Lower	Upper
61	100		
96	60.6	47.6	71.4
98	38.0	30.2	45.2

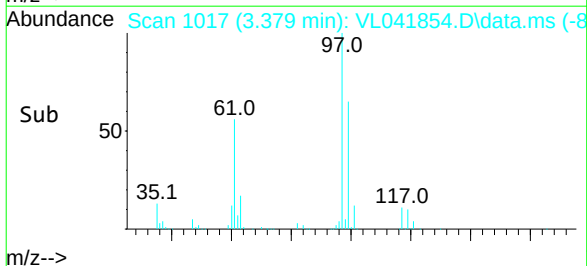
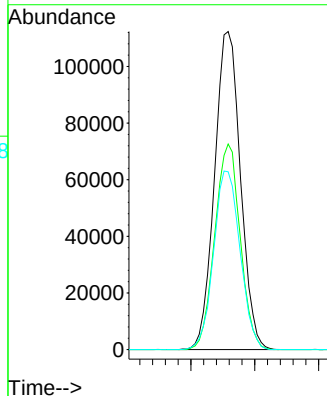
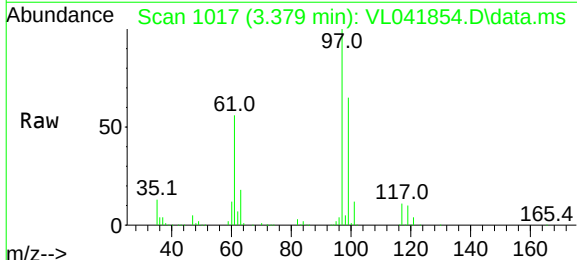
Manual Integrations
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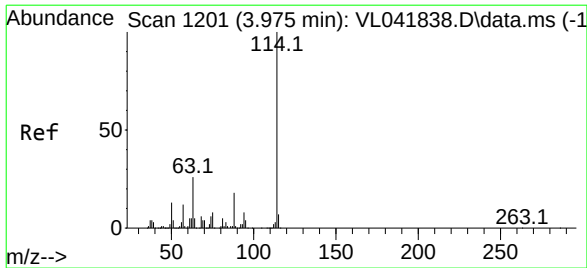
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 10.214 ppbv
 RT: 3.379 min Scan# 1017
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion:	97	Resp:	158450
Ion	Ratio	Lower	Upper
97	100		
99	63.2	50.6	76.0
61	57.2	45.0	67.6





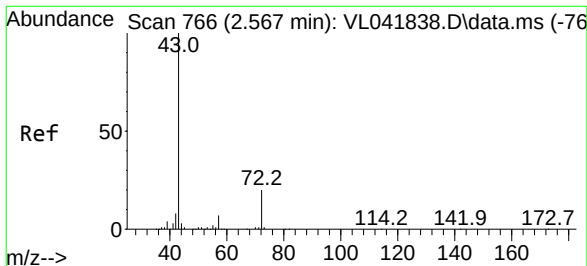
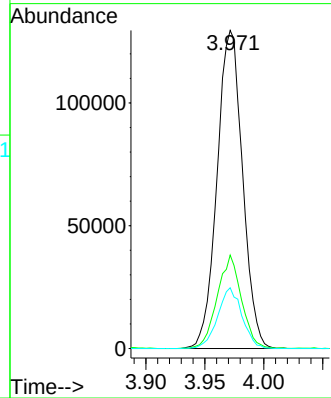
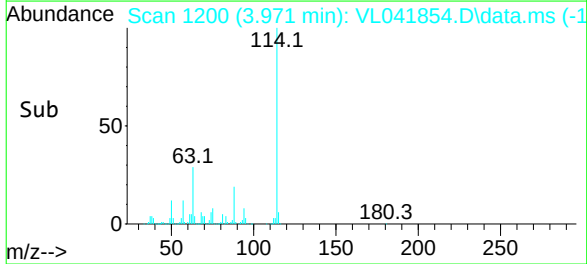
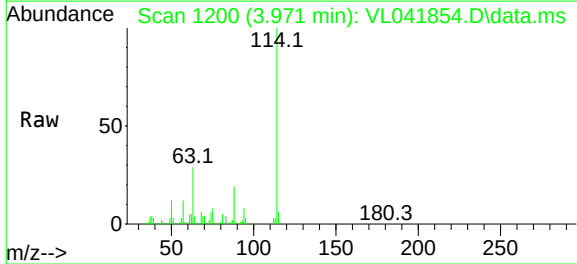
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.971 min Scan# 1201
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion: 114 Resp: 194920
Ion Ratio Lower Upper
114 100
63 27.9 22.3 33.5
88 18.1 14.9 22.3

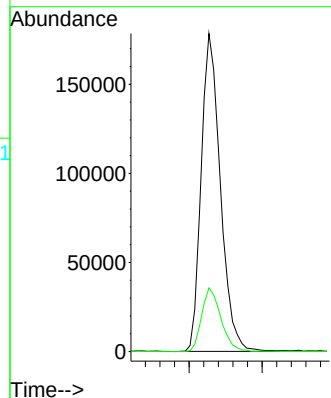
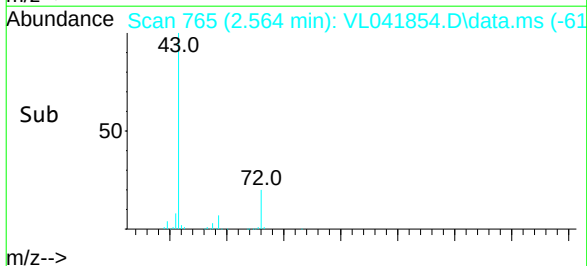
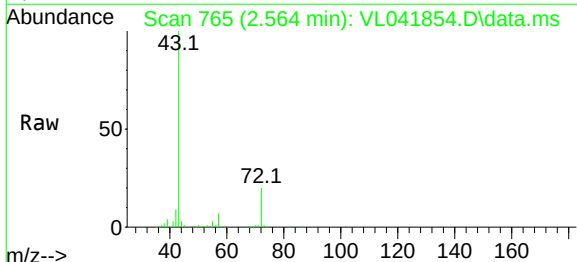
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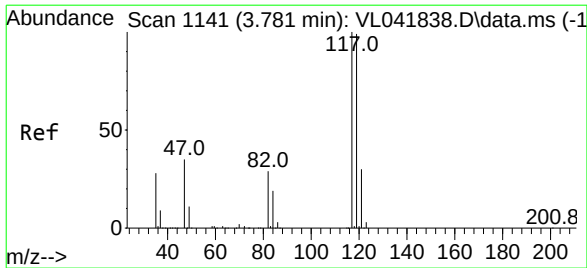
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 10.601 ppbv
RT: 2.564 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 43 Resp: 162772
Ion Ratio Lower Upper
43 100
72 20.2 16.6 25.0





#35

Carbon Tetrachloride

Concen: 11.463 ppbv

RT: 3.774 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL041854.D

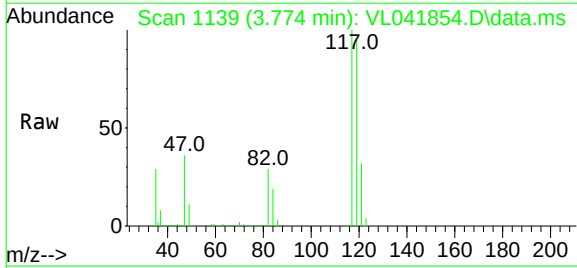
Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01



Tgt Ion: 117 Resp: 168876

Ion Ratio Lower Upper

117 100

119 95.3 79.1 118.7

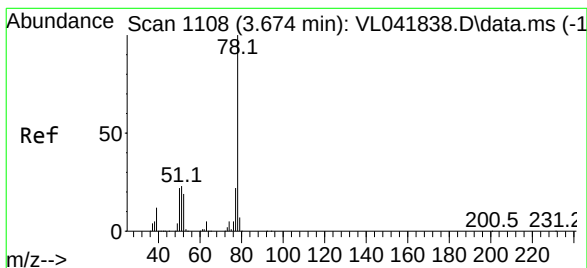
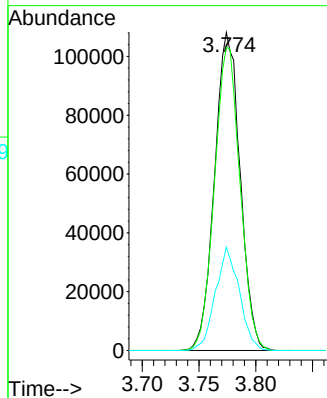
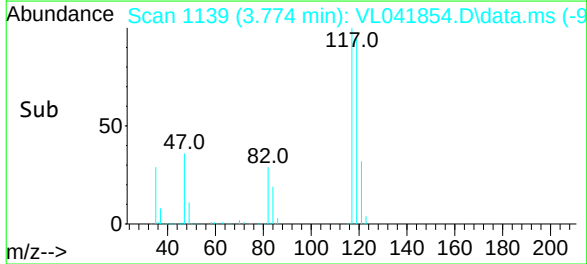
121 32.5 24.2 36.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#36

Benzene

Concen: 11.041 ppbv

RT: 3.667 min Scan# 1106

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

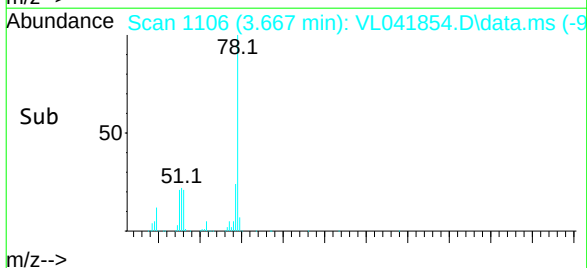
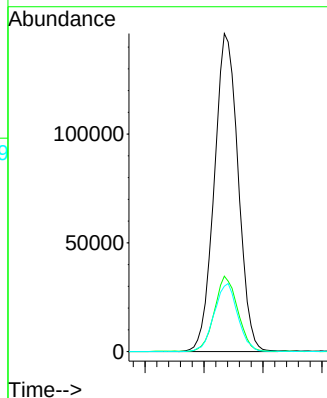
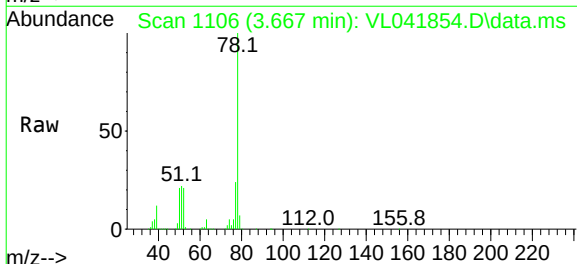
Tgt Ion: 78 Resp: 205594

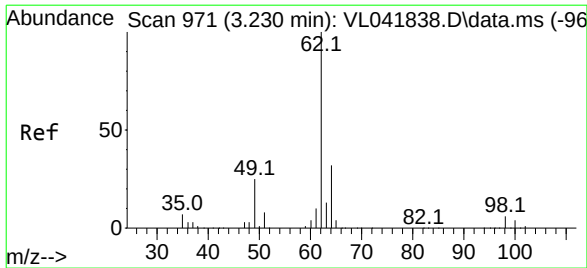
Ion Ratio Lower Upper

78 100

77 23.6 17.4 26.0

50 20.6 17.3 25.9





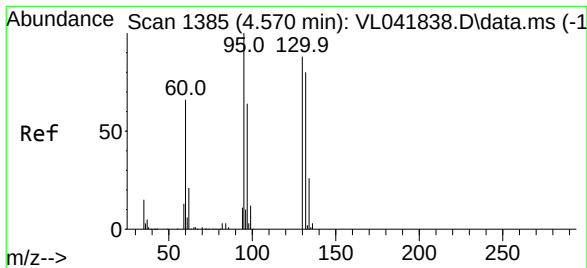
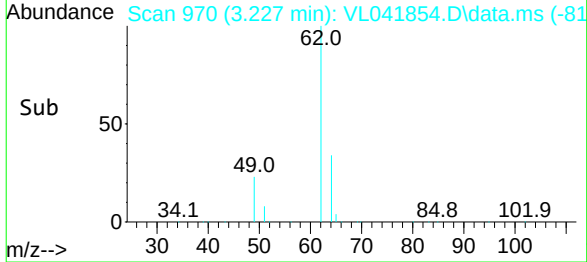
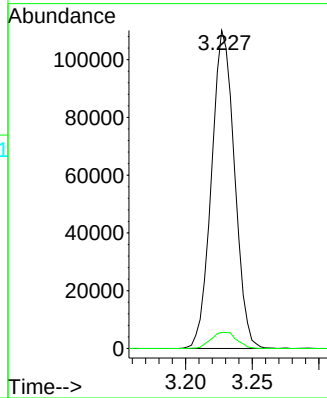
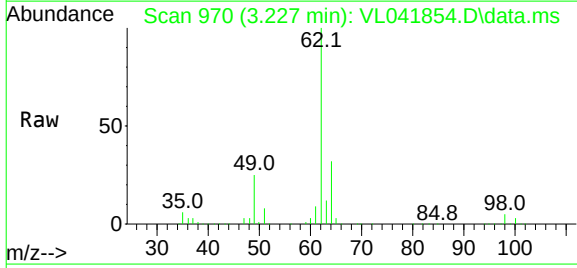
#37
1,2-Dichloroethane
Concen: 10.830 ppbv
RT: 3.227 min Scan# 971
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion: 62 Resp: 132576
Ion Ratio Lower Upper
62 100
98 5.7 4.8 7.2

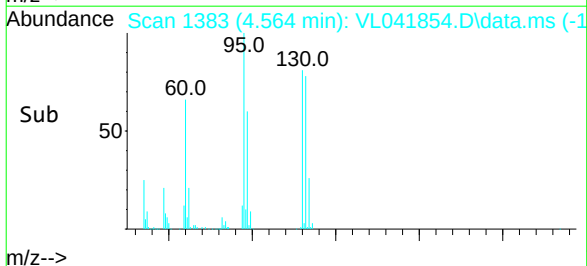
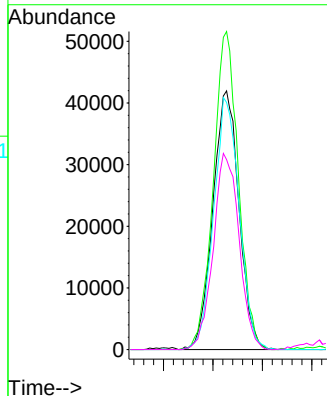
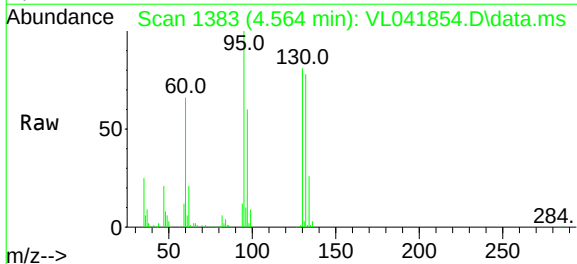
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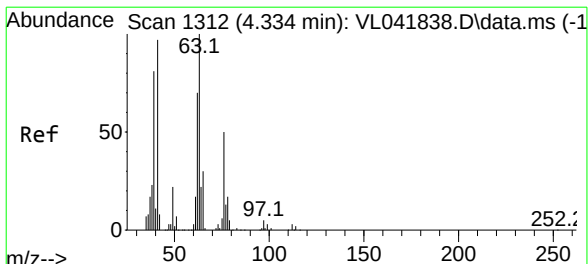
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 10.741 ppbv
RT: 4.564 min Scan# 1383
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

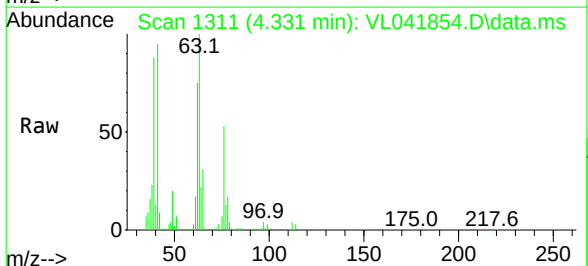
Tgt Ion:130 Resp: 76911
Ion Ratio Lower Upper
130 100
95 123.0 90.1 135.1
132 95.5 71.8 107.8
97 73.4 57.9 86.9





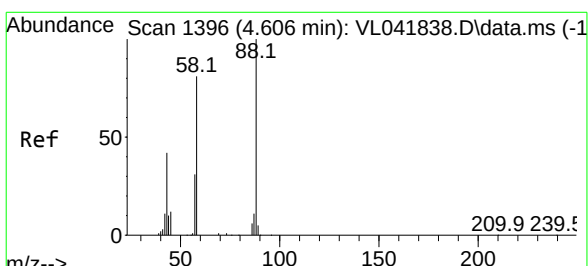
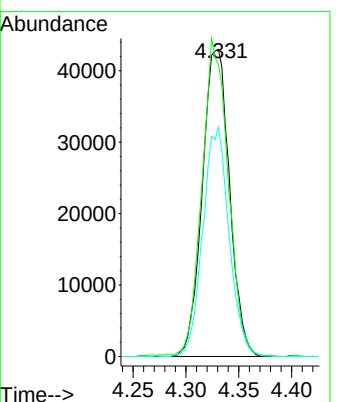
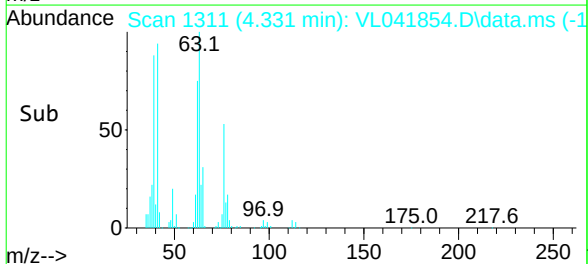
#39
 1,2-Dichloropropane
 Concen: 10.687 ppbv
 RT: 4.331 min Scan# 1311
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Instrument : MSVOA_L
 ClientSampleId : VL0107ABS01

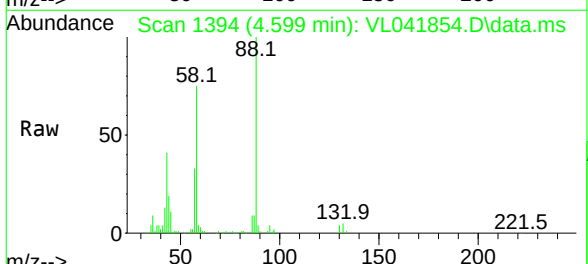


Tgt Ion:	63	Resp:	76980
Ion	Ratio	Lower	Upper
63	100		
41	94.7	77.7	116.5
62	74.7	56.2	84.2

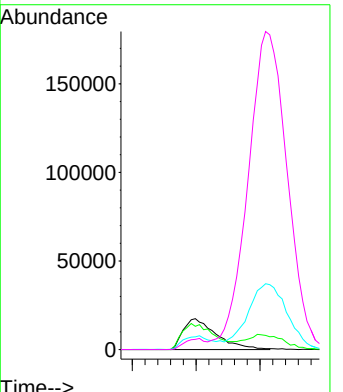
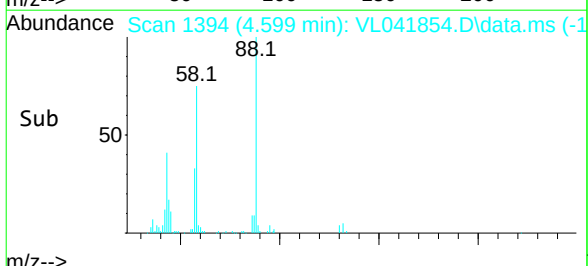
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 Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025

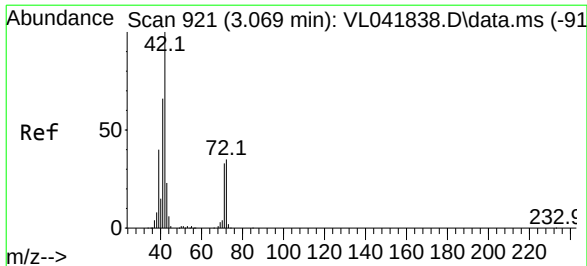


#40
 1,4-Dioxane
 Concen: 11.330 ppbv
 RT: 4.599 min Scan# 1394
 Delta R.T. -0.007 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36



Tgt Ion:	88	Resp:	31586
Ion	Ratio	Lower	Upper
88	100		
58	79.5	63.0	94.6
43	0.0	30.0	45.0#
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 12.048 ppbv

RT: 3.065 min Scan# 921

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

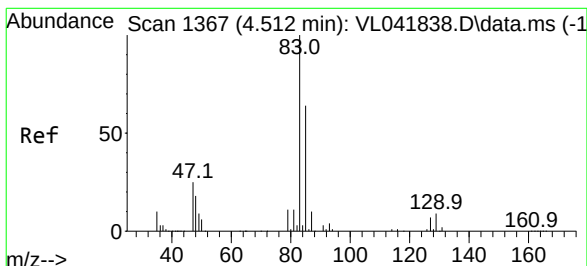
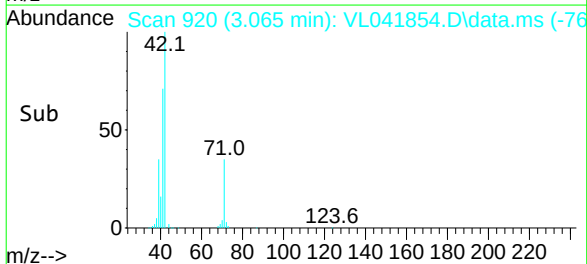
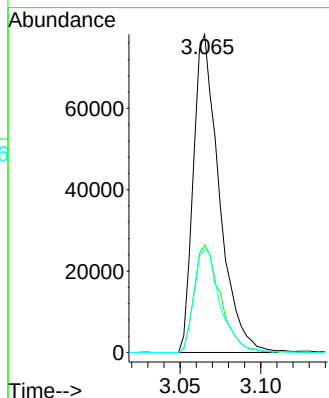
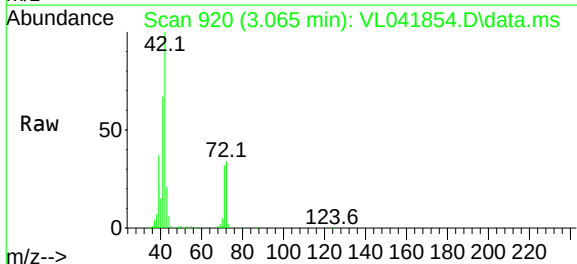
ClientSampleId :

VL0107ABS01

Tgt Ion:	42	Resp:	87142
Ion	Ratio	Lower	Upper
42	100		
72	34.3	27.9	41.9
71	33.1	26.5	39.7

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Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#42

Bromodichloromethane

Concen: 11.741 ppbv

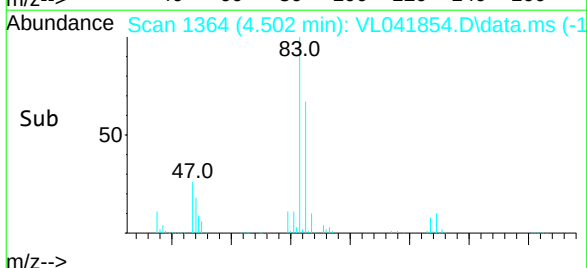
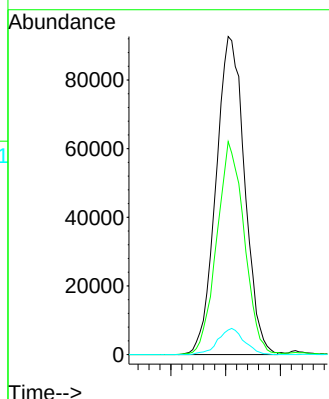
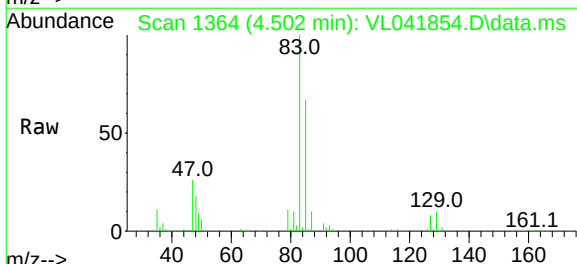
RT: 4.502 min Scan# 1364

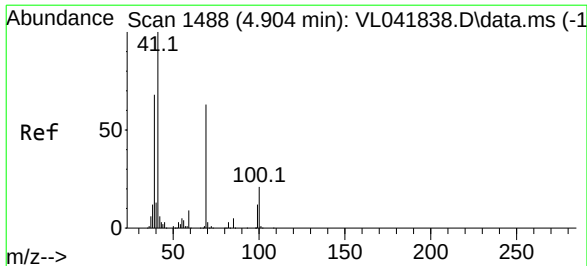
Delta R.T. -0.010 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:	83	Resp:	168564
Ion	Ratio	Lower	Upper
83	100		
85	66.9	51.3	76.9
127	7.7	5.6	8.4





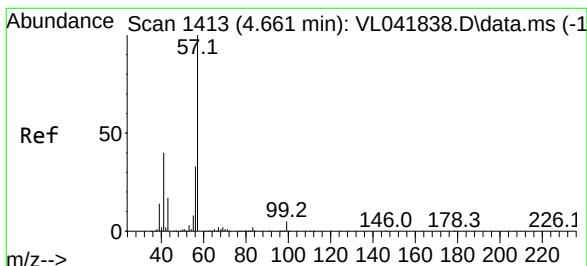
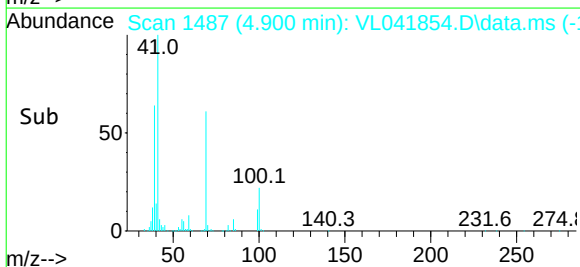
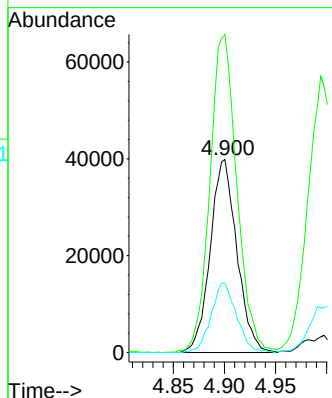
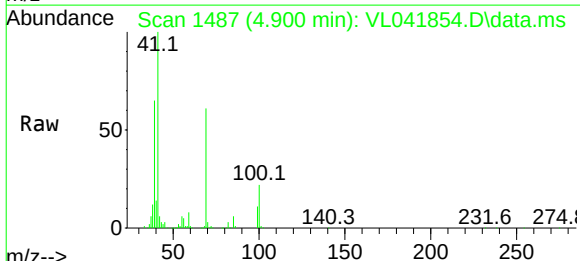
#43
Methyl Methacrylate
Concen: 12.365 ppbv
RT: 4.900 min Scan# 1411
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion: 69 Resp: 72301
Ion Ratio Lower Upper
69 100
41 166.5 132.2 198.2
100 34.4 28.2 42.4

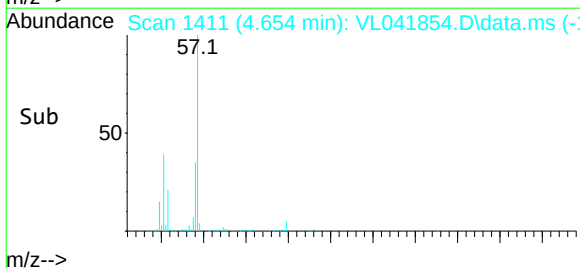
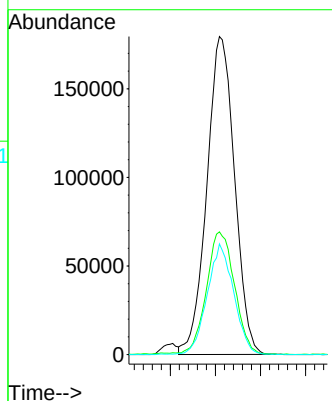
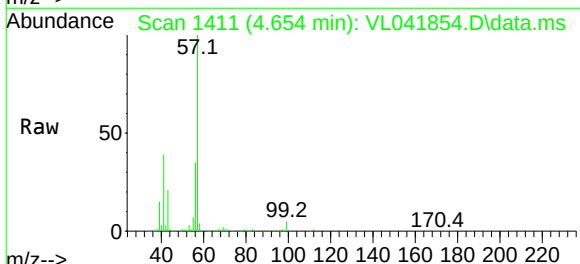
Manual Integrations
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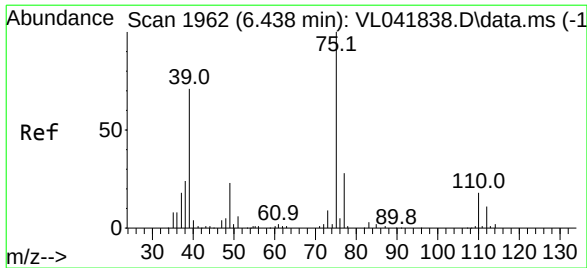
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44
2,2,4-Trimethylpentane
Concen: 12.488 ppbv
RT: 4.654 min Scan# 1411
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 57 Resp: 383142
Ion Ratio Lower Upper
57 100
41 39.5 31.4 47.2
56 33.3 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 10.988 ppbv

RT: 6.438 min Scan# 19

Delta R.T. -0.000 min

Lab File: VL041854.D

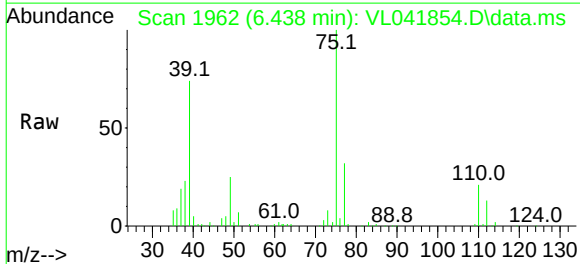
Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01



Tgt Ion: 75 Resp: 62730

Ion Ratio Lower Upper

75 100

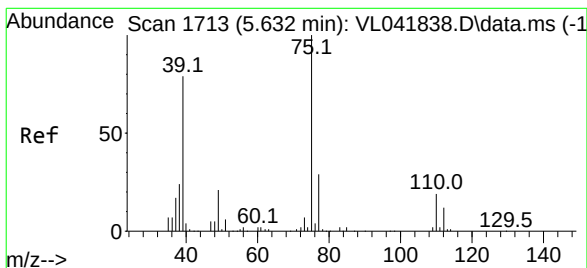
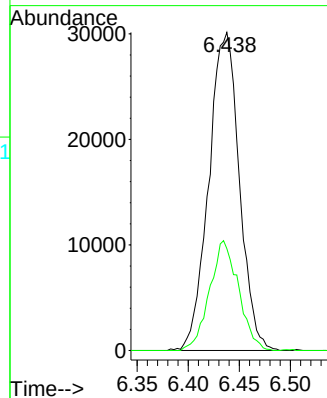
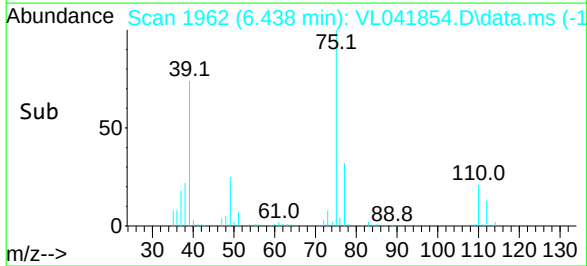
77 32.0 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#46

cis-1,3-Dichloropropene

Concen: 11.427 ppbv

RT: 5.622 min Scan# 1710

Delta R.T. -0.010 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

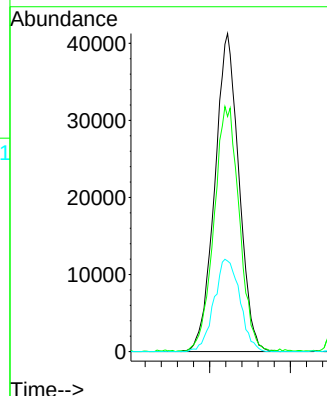
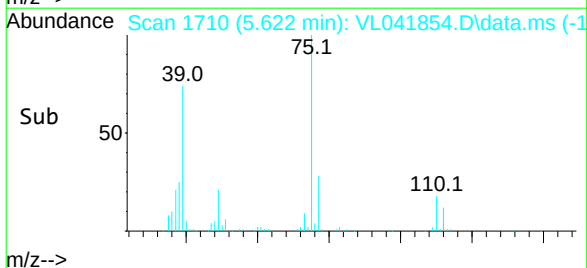
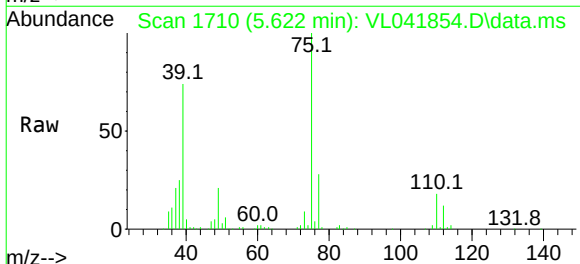
Tgt Ion: 75 Resp: 85898

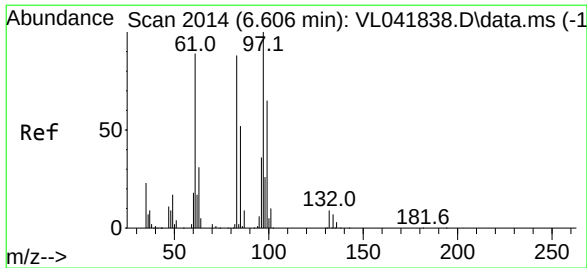
Ion Ratio Lower Upper

75 100

39 73.7 63.3 94.9

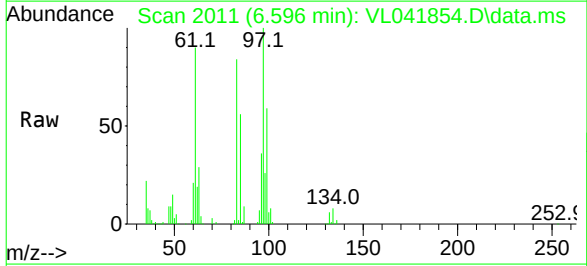
77 28.5 23.5 35.3





#47
1,1,2-Trichloroethane
Concen: 10.873 ppbv
RT: 6.596 min Scan# 2014
Delta R.T. -0.010 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

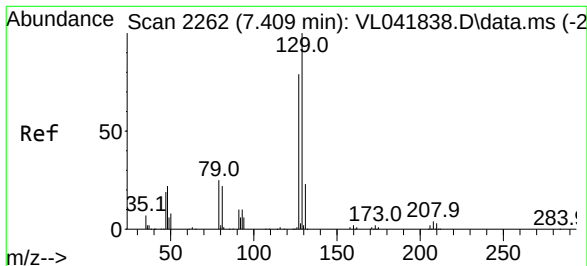
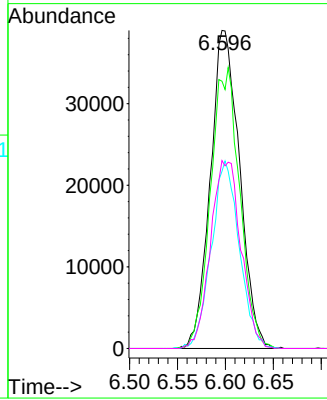
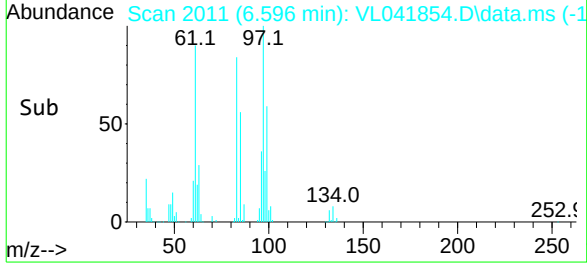
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 97 Resp: 82732
Ion Ratio Lower Upper
97 100
83 84.0 70.3 105.5
85 55.7 41.5 62.3
99 59.1 52.3 78.5

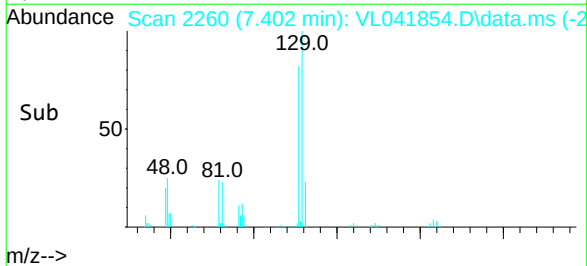
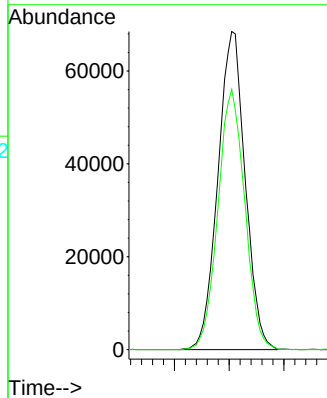
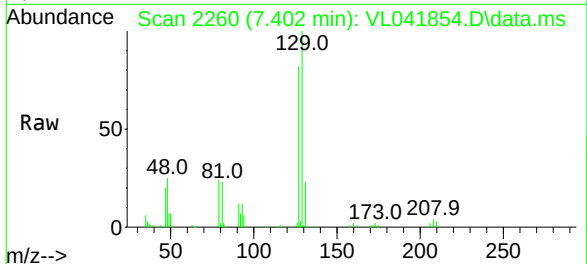
Manual Integrations
APPROVED

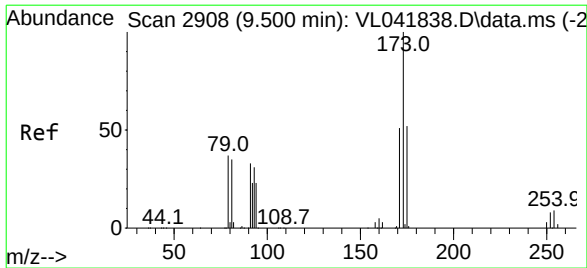
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 12.224 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

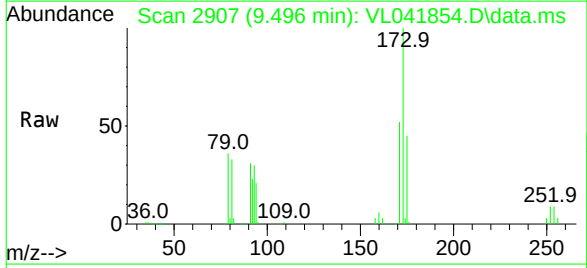
Tgt Ion:129 Resp: 118547
Ion Ratio Lower Upper
129 100
127 80.5 38.7 116.1





#49
Bromoform
Concen: 12.834 ppbv
RT: 9.496 min Scan# 2907
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

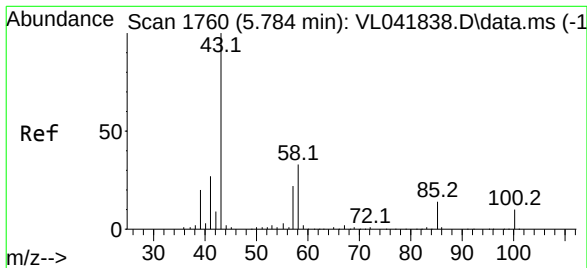
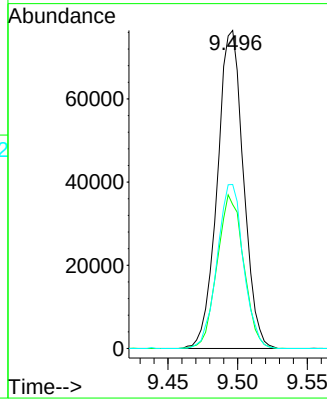
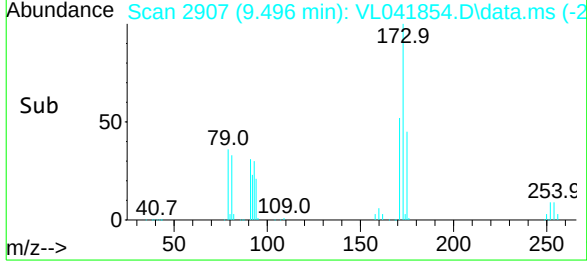
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	39.5	59.3
171	51.9	41.5	62.3

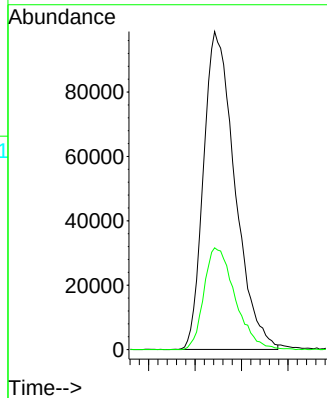
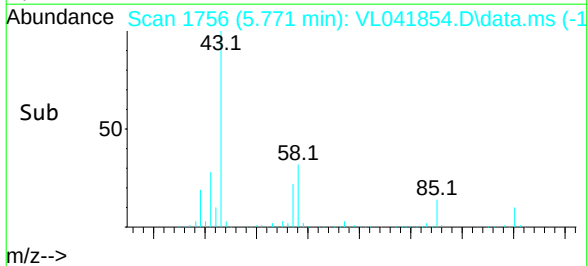
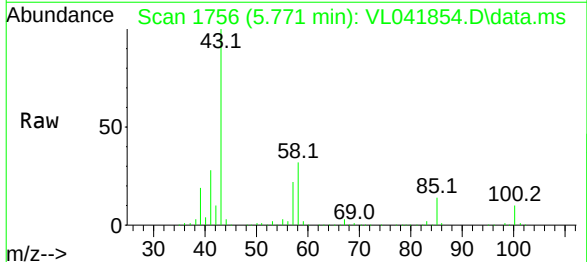
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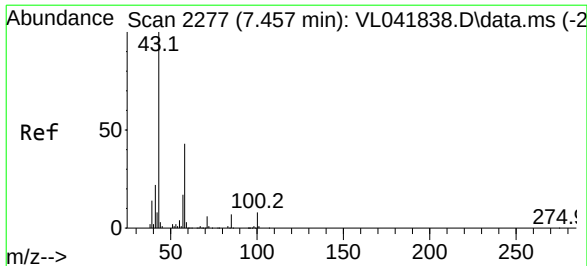
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 13.046 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.013 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

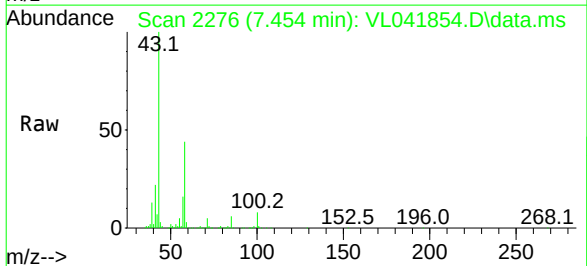
Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.8	25.6	38.4





#51
2-Hexanone
Concen: 13.818 ppbv
RT: 7.454 min Scan# 2277
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

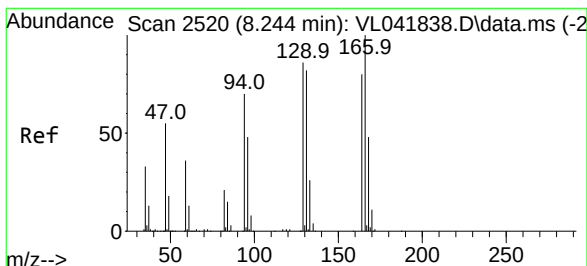
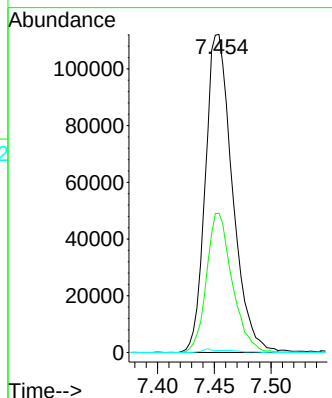
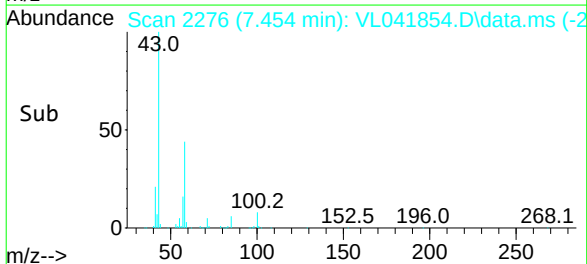
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 43 Resp: 185684
Ion Ratio Lower Upper
43 100
58 41.8 33.8 50.8
98 1.1 0.7 1.1

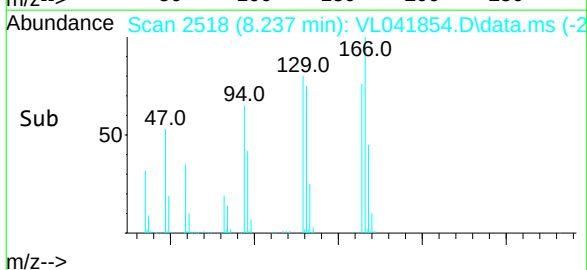
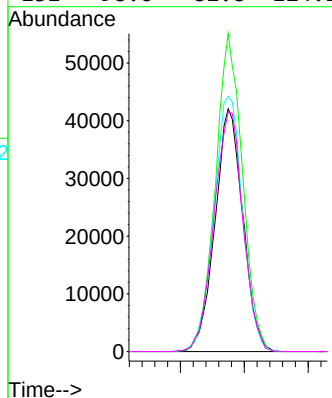
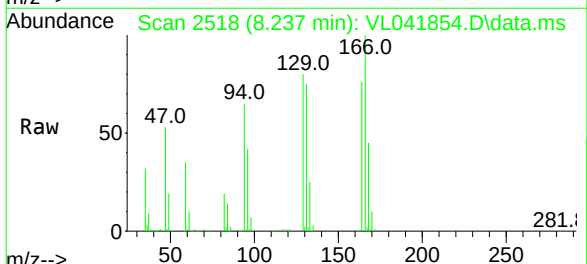
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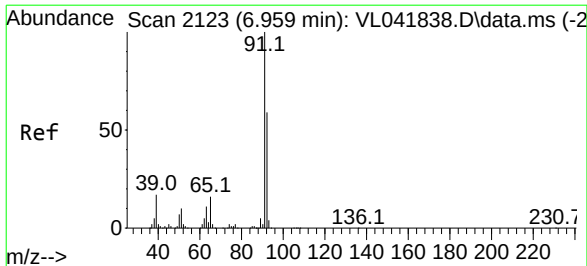
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#52
Tetrachloroethene
Concen: 11.558 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:164 Resp: 63814
Ion Ratio Lower Upper
164 100
166 130.8 100.4 150.6
129 104.9 85.9 128.9
131 98.6 82.8 124.2





#53

Toluene

Concen: 12.926 ppbv

RT: 6.952 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01

Tgt Ion: 91 Resp: 214221

Ion Ratio Lower Upper

91 100

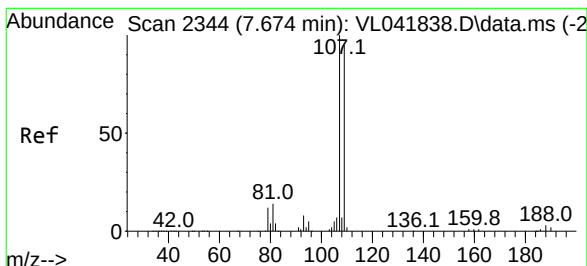
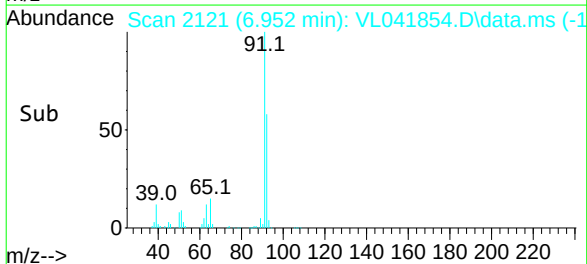
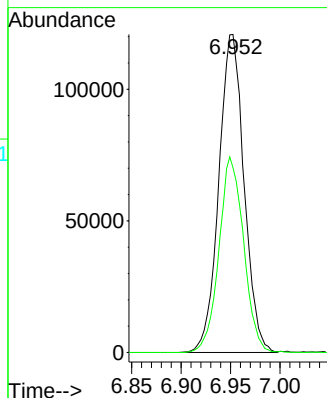
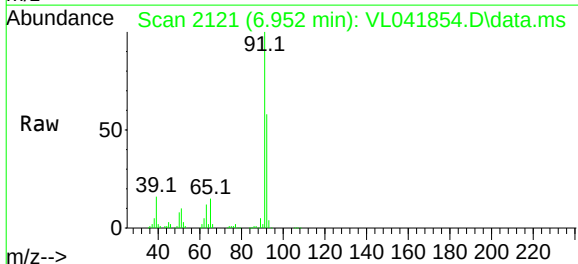
92 60.2 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#54

1,2-Dibromoethane

Concen: 11.406 ppbv

RT: 7.668 min Scan# 2342

Delta R.T. -0.007 min

Lab File: VL041854.D

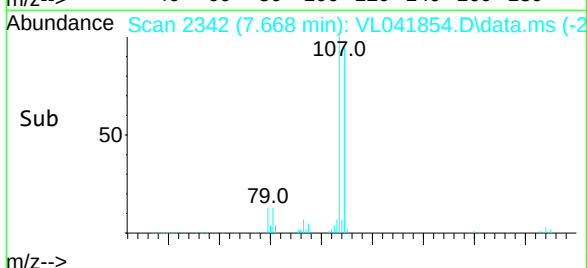
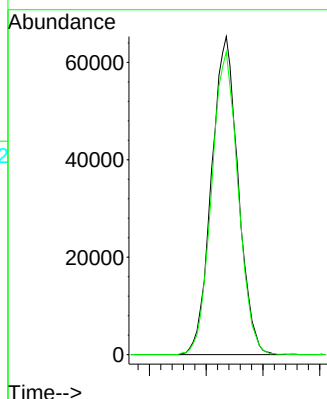
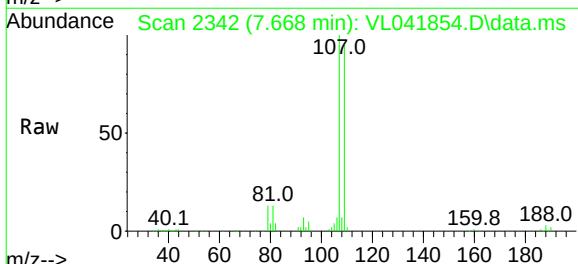
Acq: 07 Jan 2025 20:36

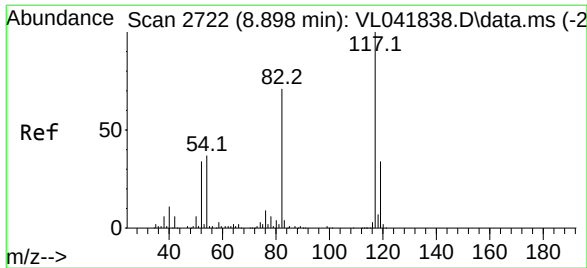
Tgt Ion:107 Resp: 106412

Ion Ratio Lower Upper

107 100

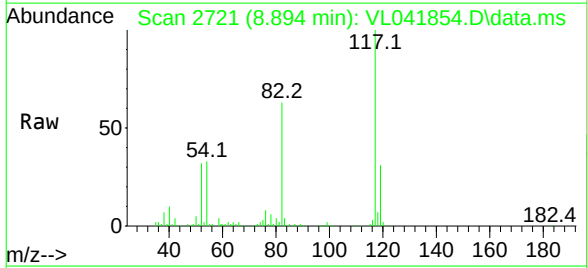
109 95.1 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 2722
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

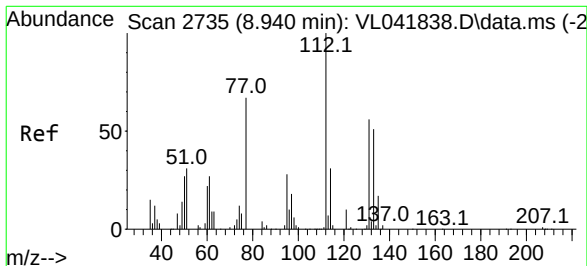
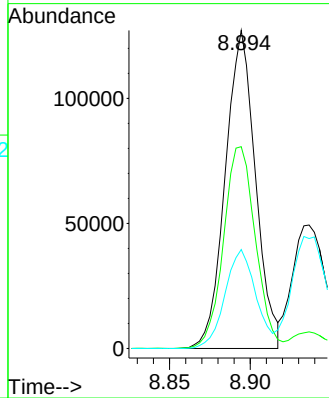
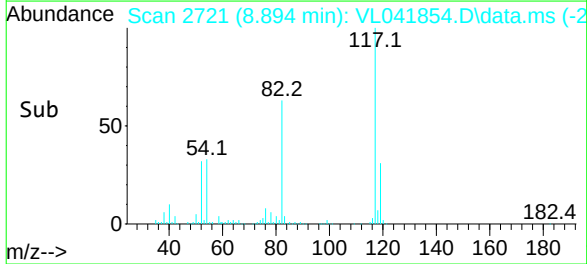
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion:117 Resp: 165772
Ion Ratio Lower Upper
117 100
82 72.7 59.1 88.7
119 31.8 27.3 40.9

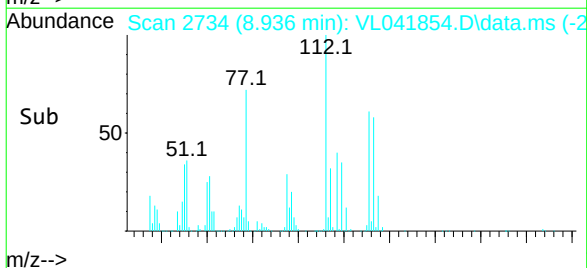
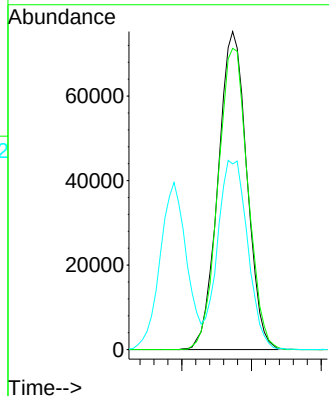
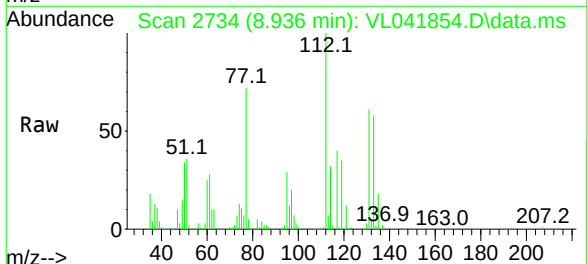
Manual Integrations
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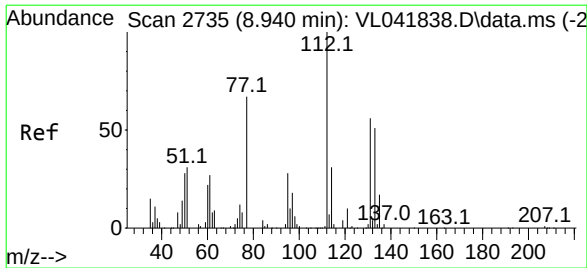
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 11.417 ppbv
RT: 8.936 min Scan# 2734
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

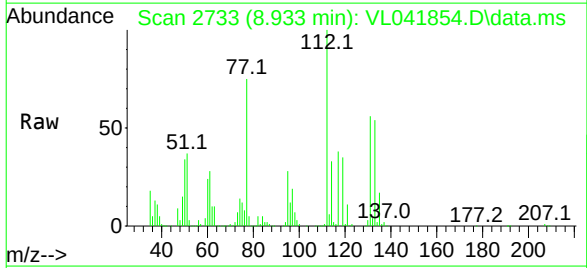
Tgt Ion:131 Resp: 107865
Ion Ratio Lower Upper
131 100
133 98.1 77.3 115.9
119 62.5 50.6 76.0





#57
Chlorobenzene
Concen: 10.840 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

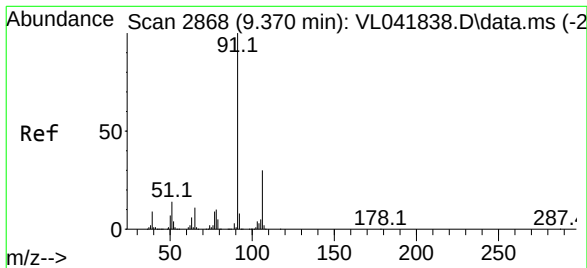
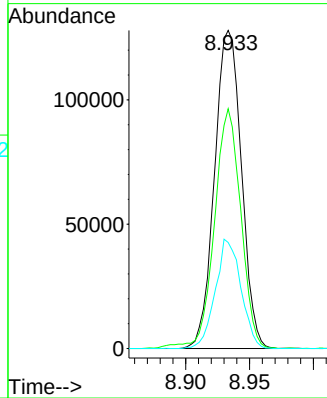
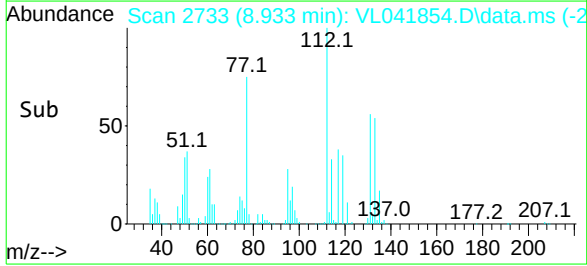
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion:112 Resp: 187743
Ion Ratio Lower Upper
112 100
77 75.3 55.1 82.7
114 33.3 28.3 34.5

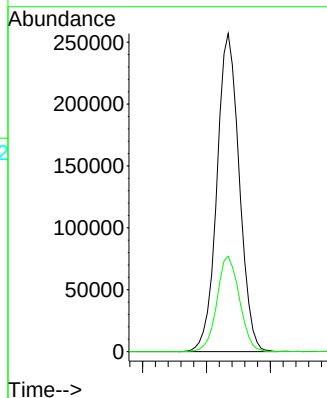
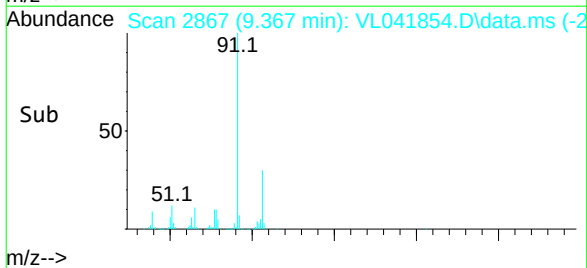
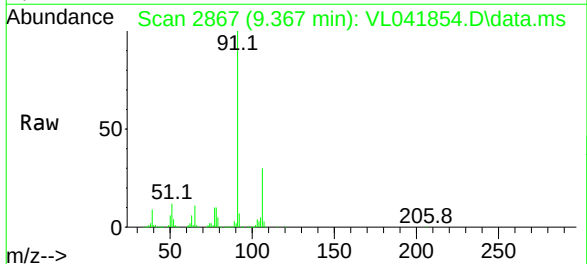
Manual Integrations
APPROVED

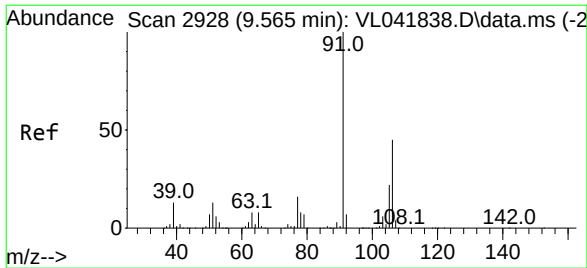
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 13.840 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

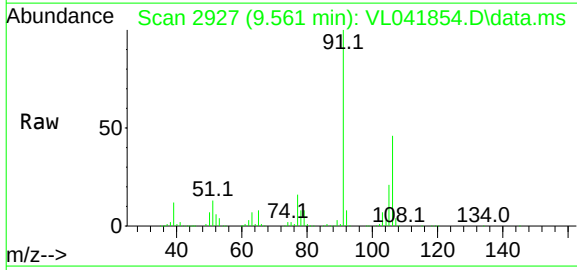
Tgt Ion: 91 Resp: 312700
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8





#59
m/p-Xylene
Concen: 28.132 ppbv m
RT: 9.561 min Scan# 29
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

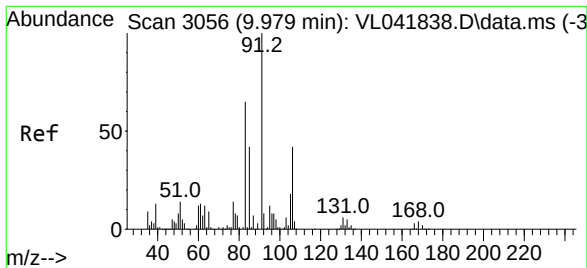
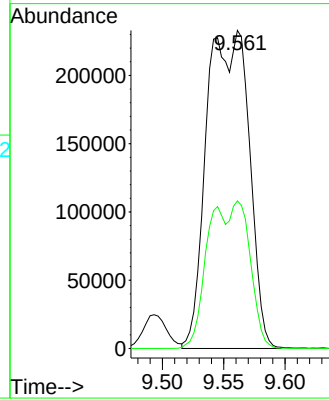
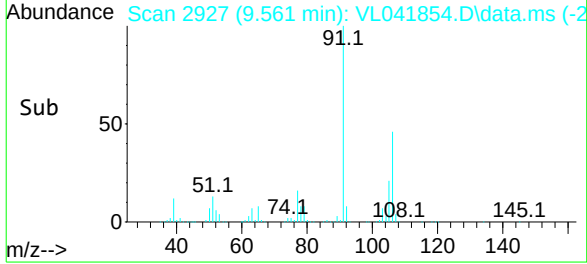
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 91 Resp: 559970
Ion Ratio Lower Upper
91 100
106 45.8 36.7 55.1

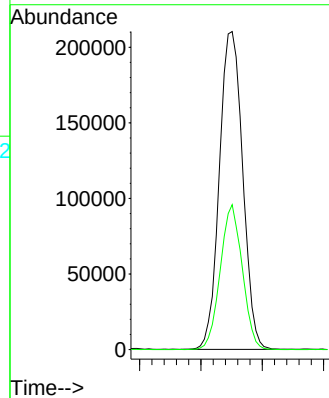
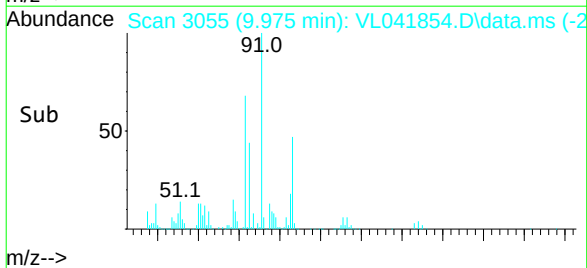
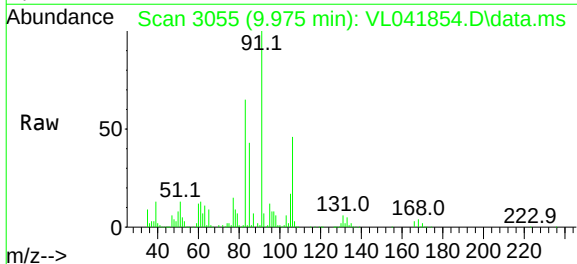
Manual Integrations
APPROVED

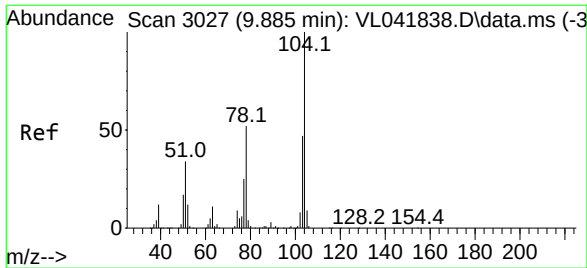
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 14.326 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion: 91 Resp: 277919
Ion Ratio Lower Upper
91 100
106 43.0 21.9 65.5





#61

Styrene

Concen: 14.068 ppbv

RT: 9.882 min Scan# 3027

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01

Tgt Ion:104 Resp: 105876

Ion Ratio Lower Upper

104 100

78 52.8 42.7 64.1

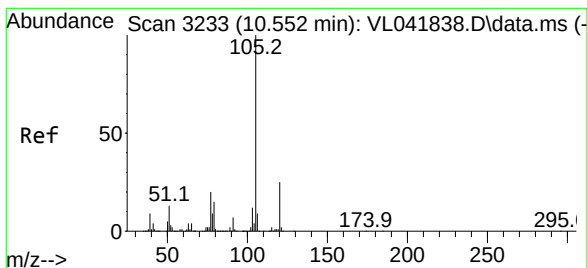
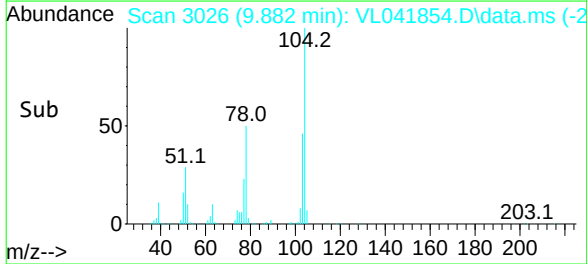
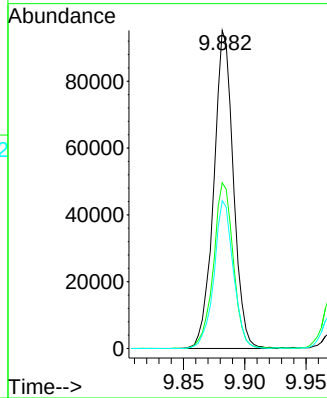
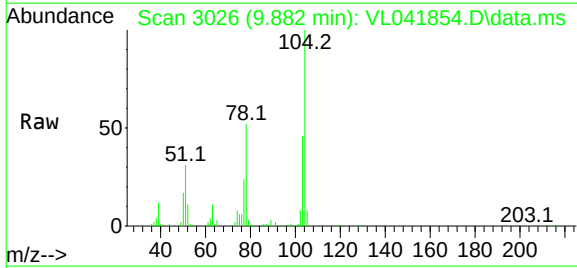
103 46.0 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#62

Isopropylbenzene

Concen: 13.534 ppbv

RT: 10.548 min Scan# 3232

Delta R.T. -0.003 min

Lab File: VL041854.D

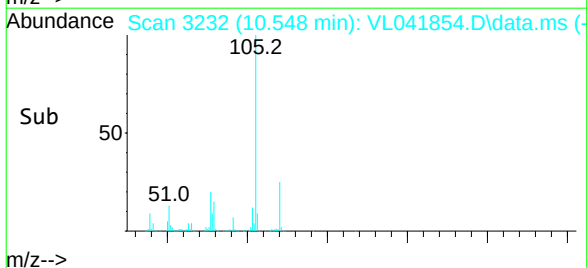
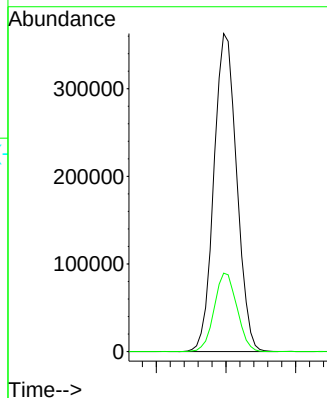
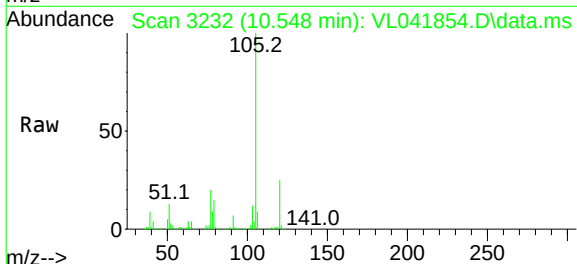
Acq: 07 Jan 2025 20:36

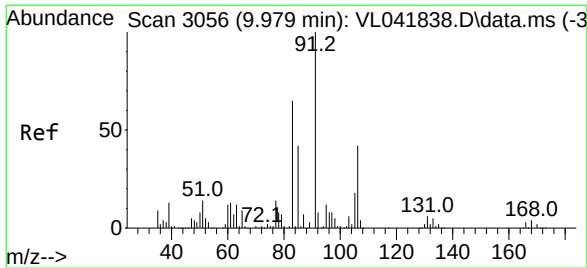
Tgt Ion:105 Resp: 412478

Ion Ratio Lower Upper

105 100

120 24.6 20.4 30.6





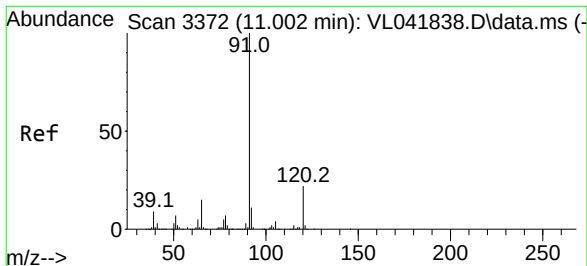
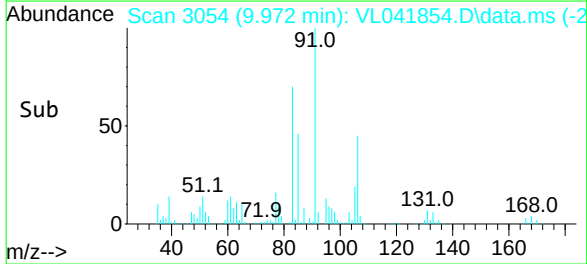
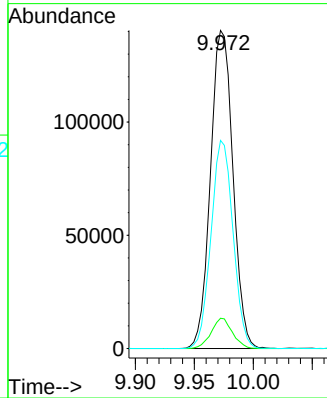
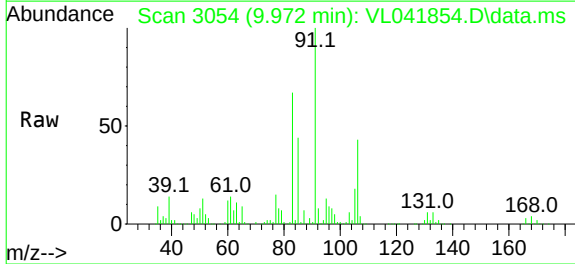
#63
1,1,2,2-Tetrachloroethane
Concen: 10.938 ppbv
RT: 9.972 min Scan# 3056
Delta R.T. -0.007 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	4.8	14.3
85	64.2	31.9	95.9

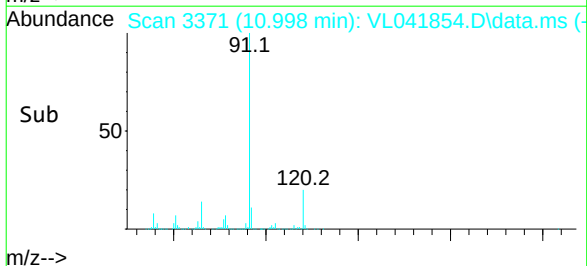
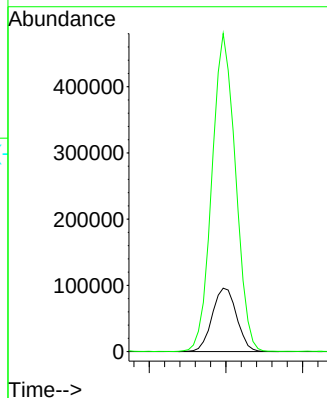
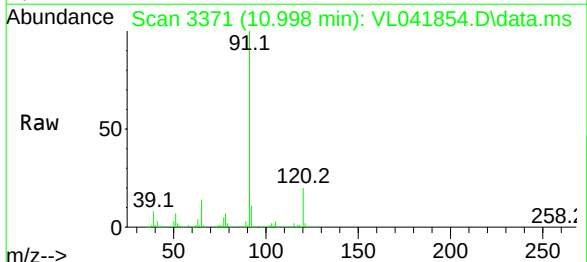
Manual Integrations
APPROVED

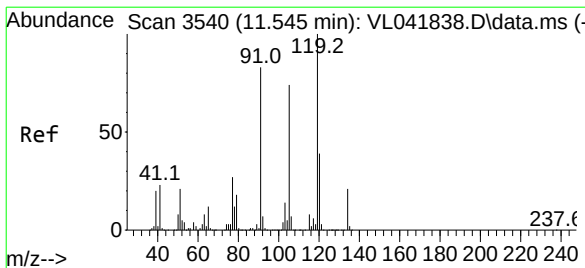
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#64
n-propylbenzene
Concen: 13.560 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

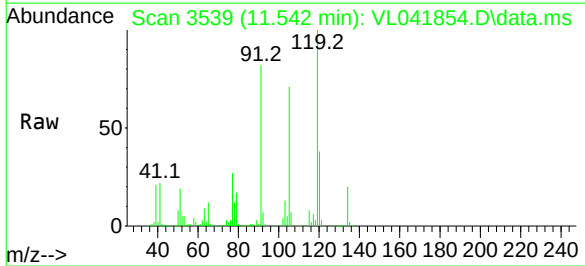
Tgt Ion	Ratio	Lower	Upper
120	100		
91	484.9	382.1	573.1





#65
tert-Butylbenzene
Concen: 13.768 ppbv
RT: 11.542 min Scan# 3540
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

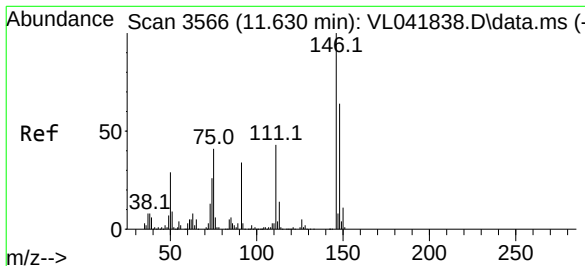
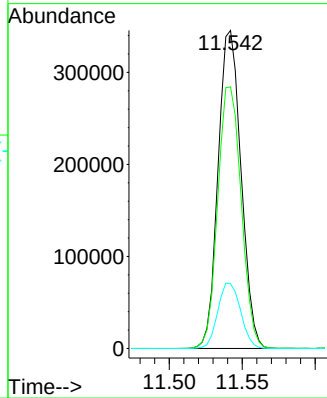
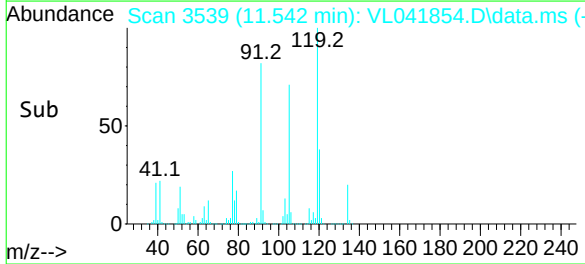
Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion: 119 Resp: 378118
Ion Ratio Lower Upper
119 100
91 84.2 68.0 102.0
134 20.5 16.2 24.4

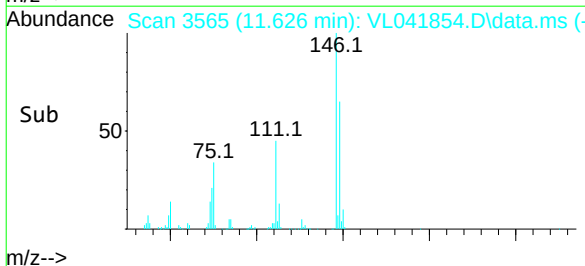
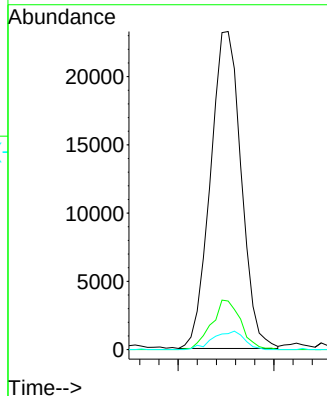
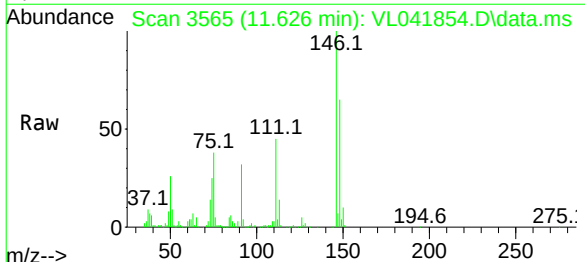
Manual Integrations
APPROVED

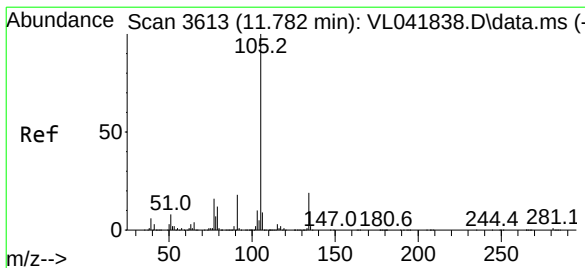
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#66
Benzyl Chloride
Concen: 11.271 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

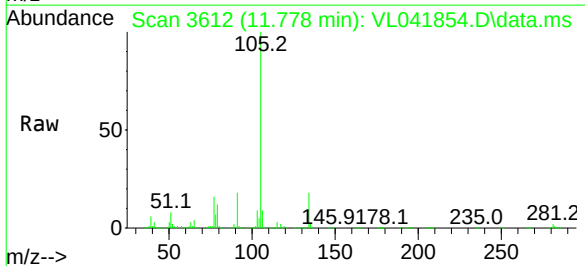
Tgt Ion: 91 Resp: 25930
Ion Ratio Lower Upper
91 100
126 14.9 12.1 18.1
128 6.0 4.3 6.5





#67
 sec-Butylbenzene
 Concen: 13.311 ppbv
 RT: 11.778 min Scan# 3613
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

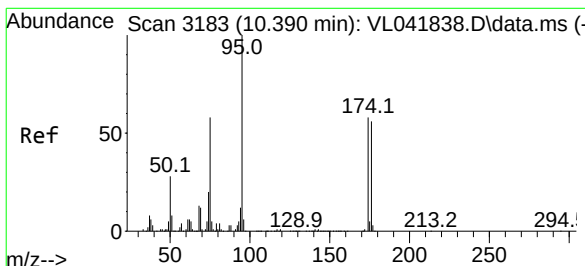
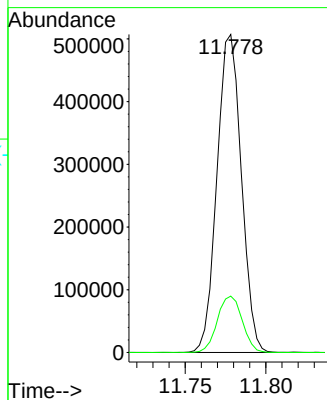
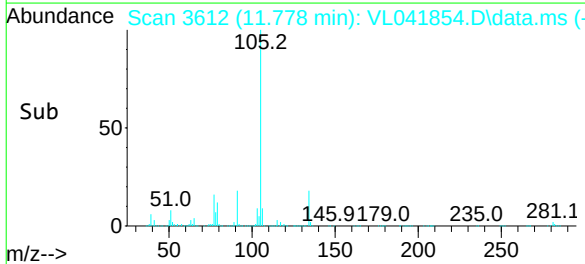
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0107ABS01



Tgt Ion: 105 Resp: 533436
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 22.0

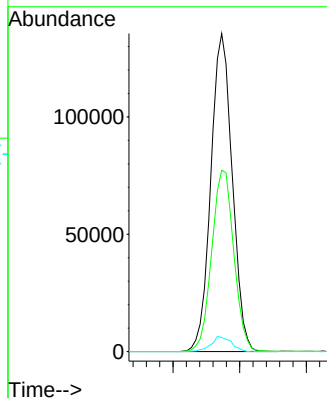
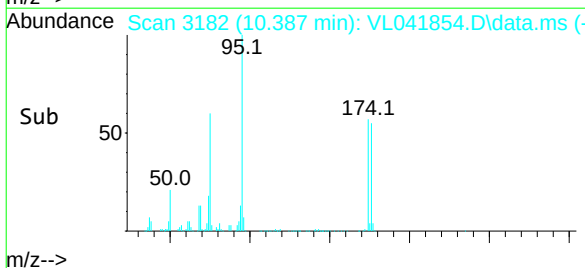
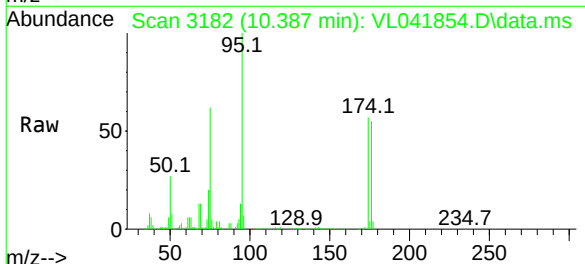
Manual Integrations
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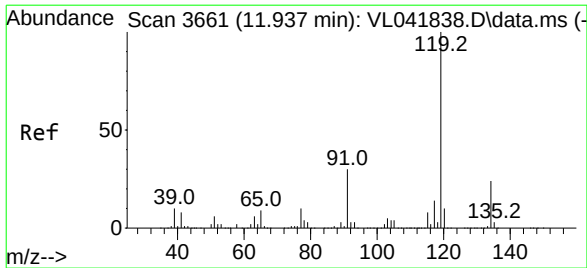
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.652 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL041854.D
 Acq: 07 Jan 2025 20:36

Tgt Ion: 95 Resp: 151241
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.6 71.4
 175 4.5 3.8 5.6





#69

p-Isopropyltoluene

Concen: 13.793 ppbv

RT: 11.934 min Scan# 3661

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

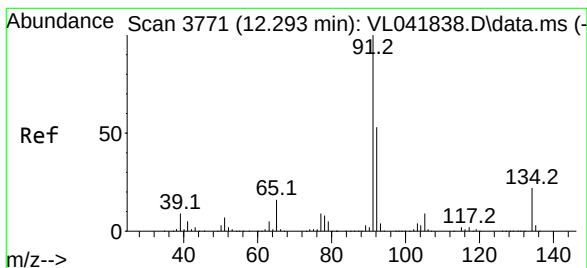
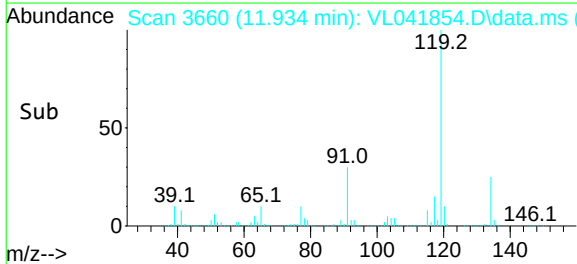
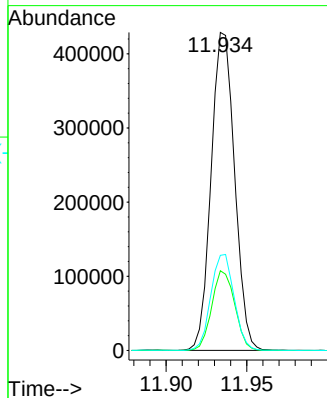
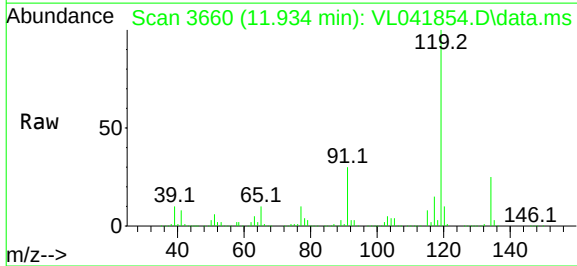
VL0107ABS01

Tgt Ion:	119	Resp:	433960
Ion	Ratio	Lower	Upper
119	100		
134	24.7	19.4	29.2
91	30.1	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#70

n-Butylbenzene

Concen: 13.769 ppbv

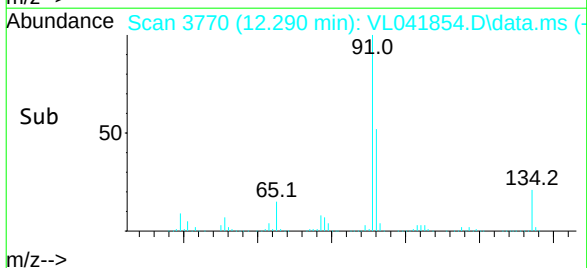
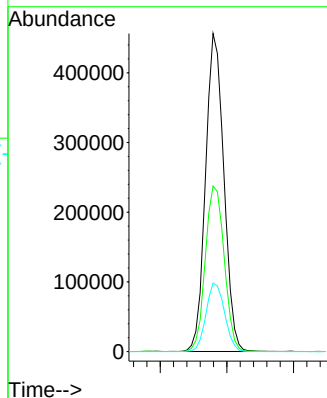
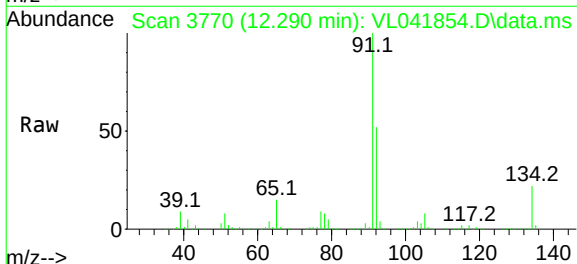
RT: 12.290 min Scan# 3770

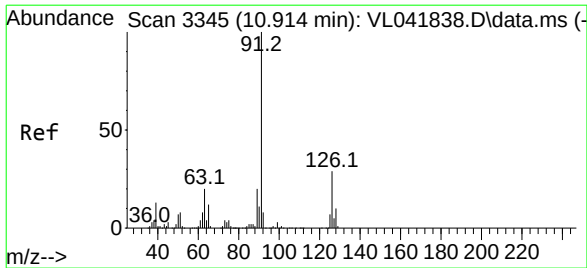
Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:	91	Resp:	435228
Ion	Ratio	Lower	Upper
91	100		
92	54.0	42.8	64.2
134	21.9	17.8	26.6





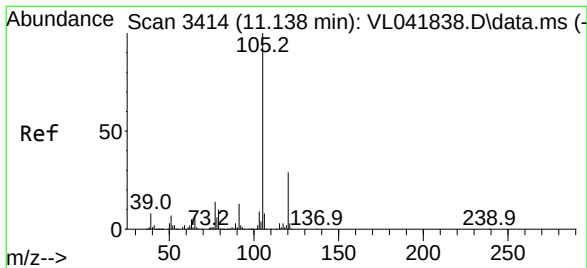
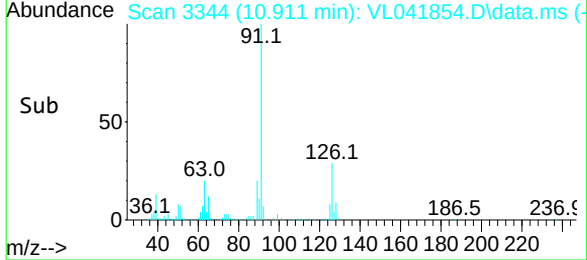
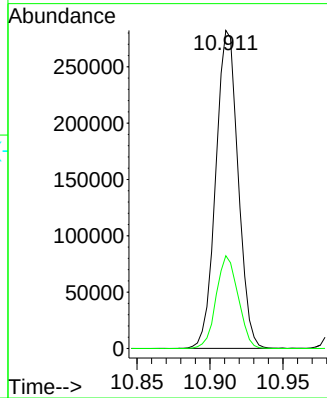
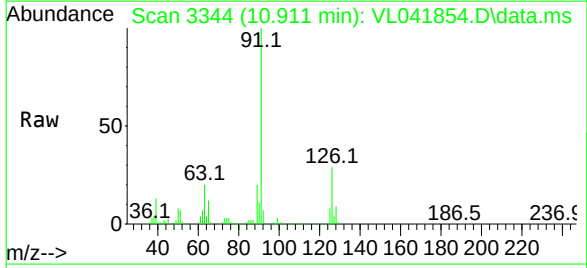
#71
2-Chlorotoluene
Concen: 13.557 ppbv
RT: 10.911 min Scan# 3345
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion: 91 Resp: 299922
Ion Ratio Lower Upper
91 100
126 28.7 11.6 46.6

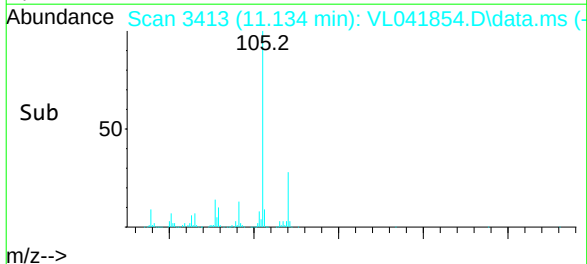
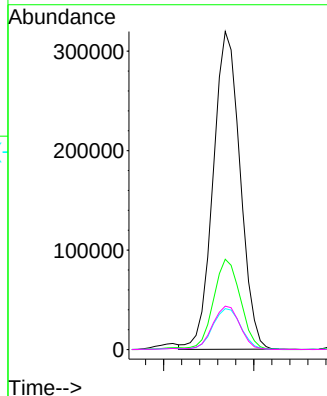
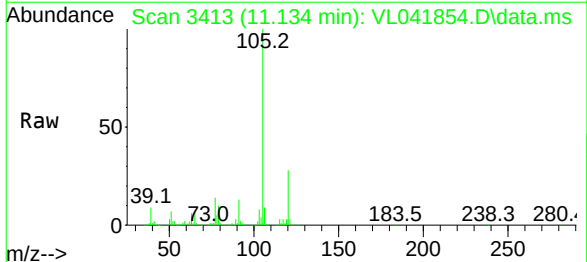
Manual Integrations
APPROVED

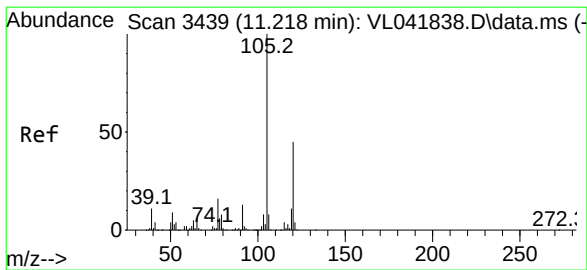
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#72
4-Ethyltoluene
Concen: 14.156 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Tgt Ion:105 Resp: 332097
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.2
91 14.0 10.8 16.2
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 13.965 ppbv

RT: 11.212 min Scan# 3439

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01

Tgt Ion:105 Resp: 286930

Ion Ratio Lower Upper

105 100

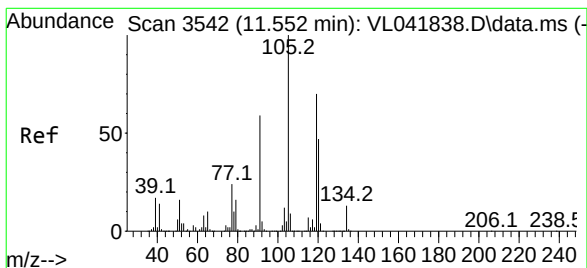
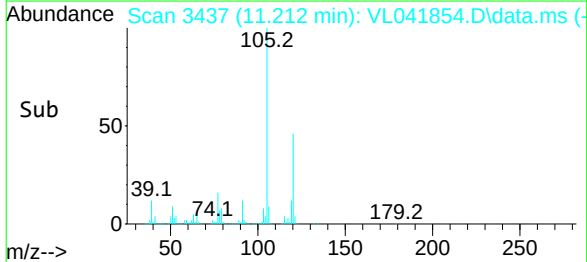
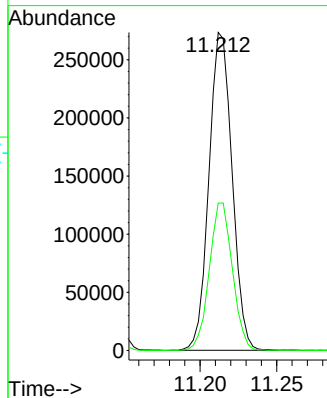
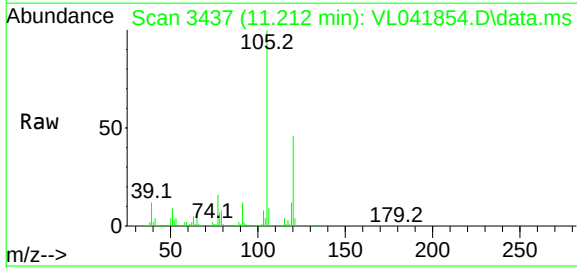
120 46.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 13.342 ppbv

RT: 11.545 min Scan# 3540

Delta R.T. -0.007 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:105 Resp: 317547

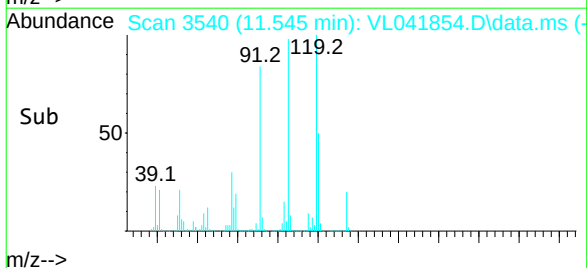
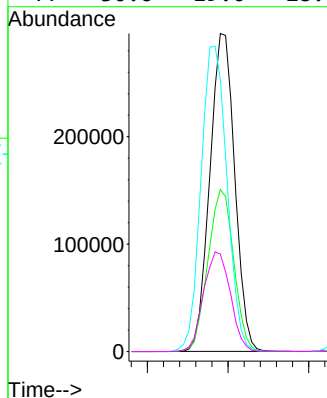
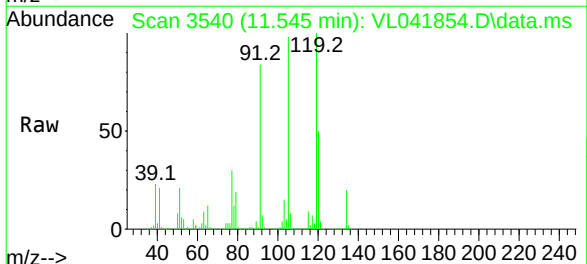
Ion Ratio Lower Upper

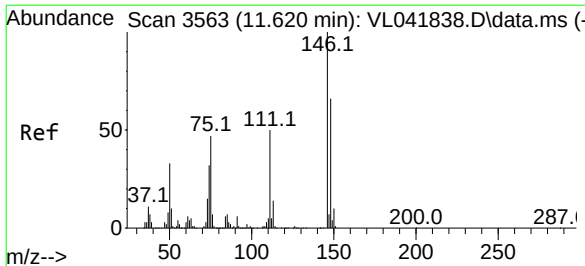
105 100

120 50.9 37.4 56.0

91 85.4 47.4 71.2#

77 30.6 19.0 28.6#





#75

1,3-Dichlorobenzene

Concen: 11.380 ppbv

RT: 11.616 min Scan# 3563

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

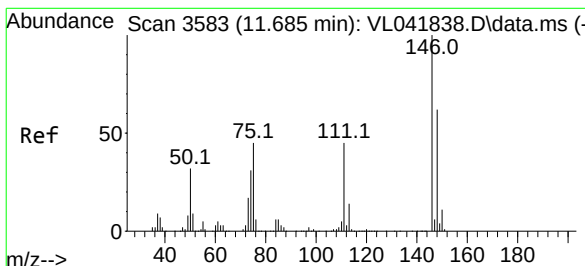
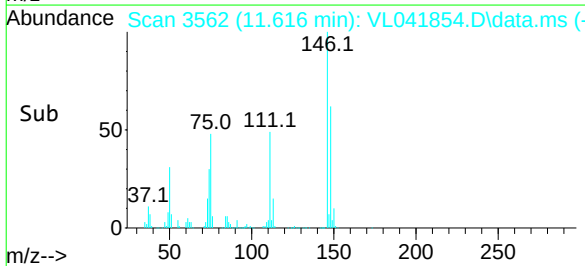
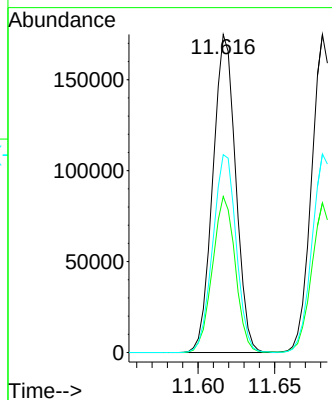
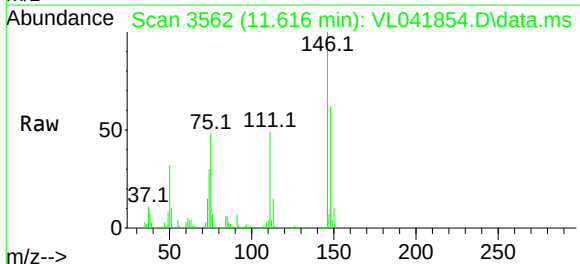
ClientSampleId :

VL0107ABS01

Tgt Ion:	146	Resp:	181271
Ion Ratio	Lower	Upper	
146	100		
111	48.9	24.1	72.2
148	63.8	32.0	96.0

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#76

1,4-Dichlorobenzene

Concen: 11.781 ppbv

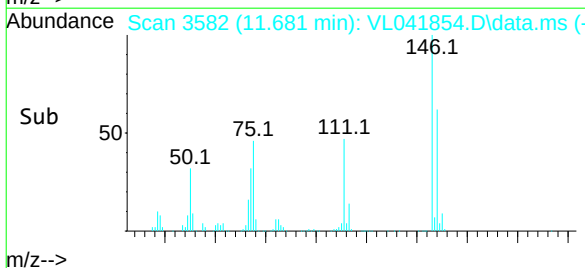
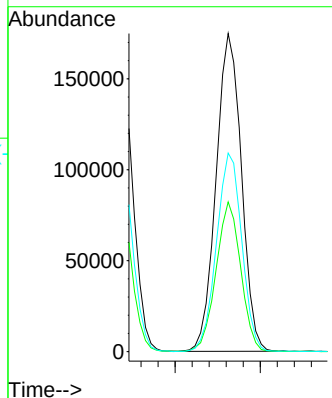
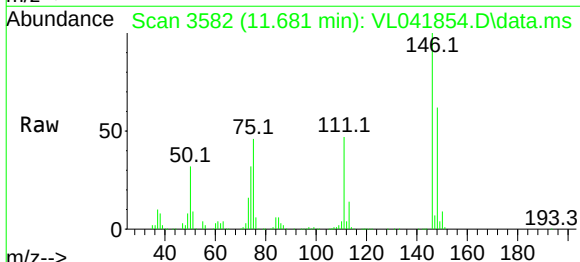
RT: 11.681 min Scan# 3582

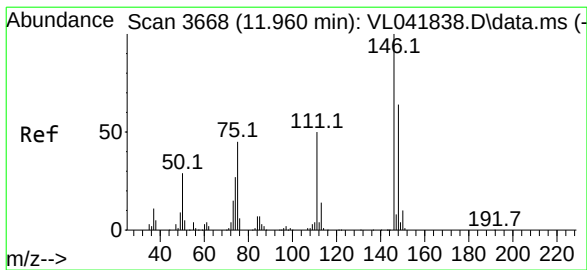
Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

Tgt Ion:	146	Resp:	180588
Ion Ratio	Lower	Upper	
146	100		
111	46.0	23.2	69.6
148	62.6	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 10.745 ppbv

RT: 11.956 min Scan# 3668

Delta R.T. -0.003 min

Lab File: VL041854.D

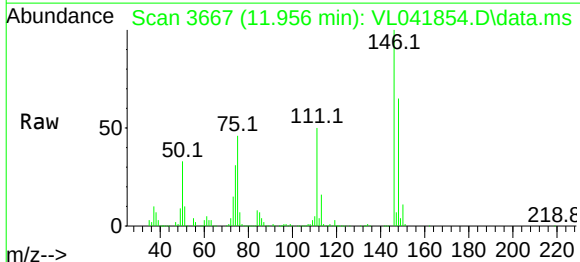
Acq: 07 Jan 2025 20:36

Instrument :

MSVOA_L

ClientSampleId :

VL0107ABS01



Tgt Ion:146 Resp: 178366

Ion Ratio Lower Upper

146 100

111 49.6 24.7 74.1

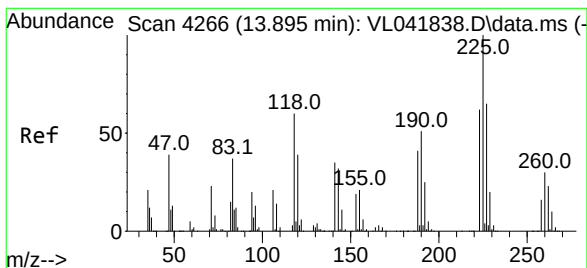
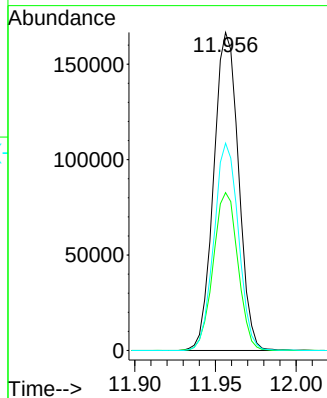
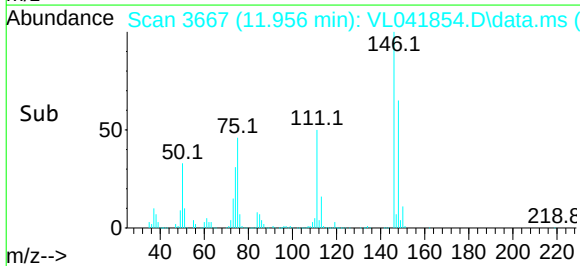
148 64.4 31.5 94.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.776 ppbv

RT: 13.892 min Scan# 4265

Delta R.T. -0.003 min

Lab File: VL041854.D

Acq: 07 Jan 2025 20:36

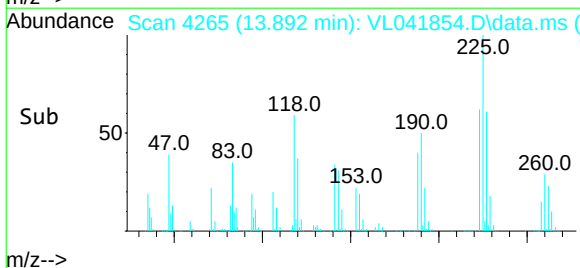
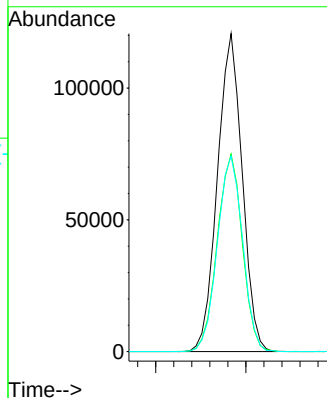
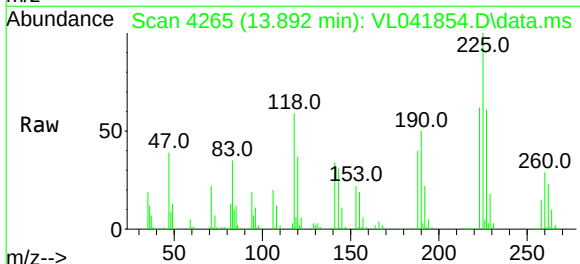
Tgt Ion:225 Resp: 115209

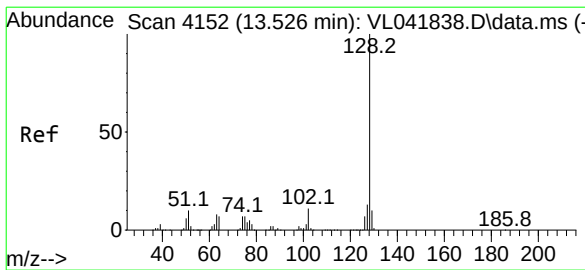
Ion Ratio Lower Upper

225 100

223 62.9 50.4 75.6

227 62.6 51.2 76.8





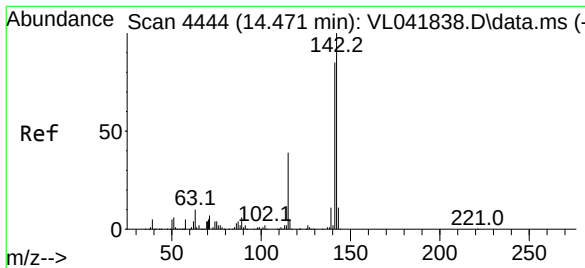
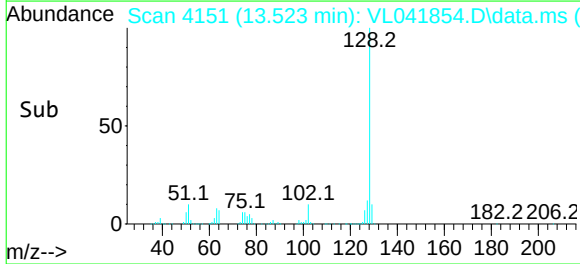
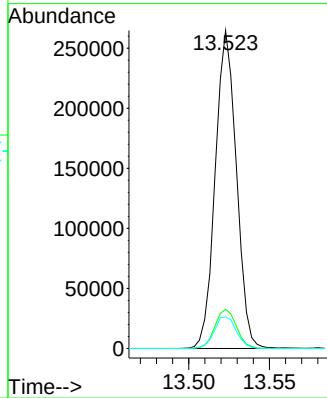
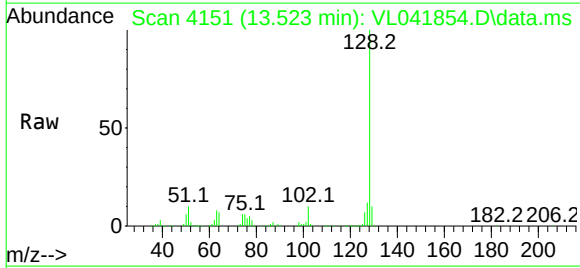
#79
Naphthalene
Concen: 13.776 ppbv
RT: 13.523 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01

Tgt Ion:	128	Resp:	241512
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.5	15.7
129	9.9	8.2	12.4

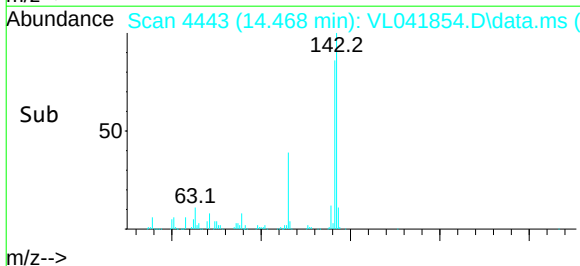
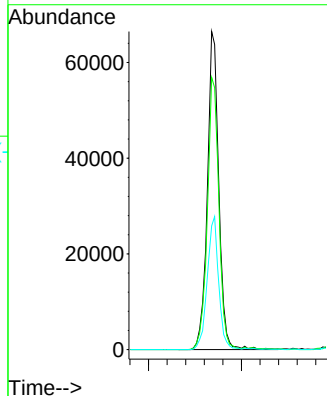
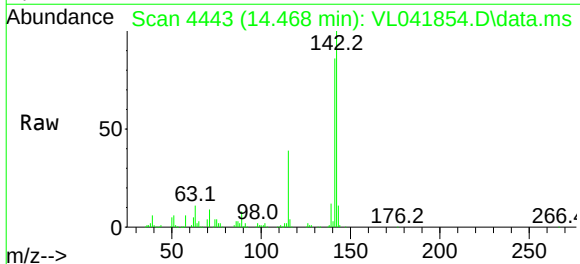
Manual Integrations
APPROVED

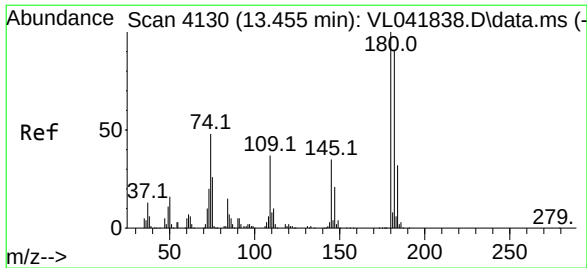
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#80
Naphthalene, 2-methyl-
Concen: 8.767 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

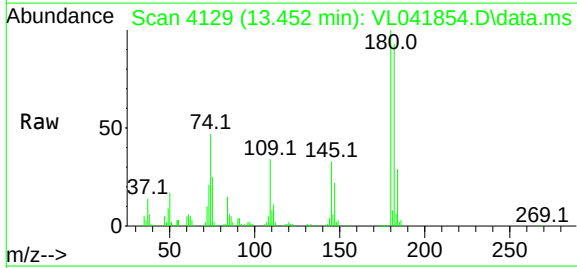
Tgt Ion:	142	Resp:	56888
Ion	Ratio	Lower	Upper
142	100		
141	86.9	67.8	101.8
115	42.3	32.6	48.8





#81
1,2,4-Trichlorobenzene
Concen: 11.062 ppbv
RT: 13.452 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041854.D
Acq: 07 Jan 2025 20:36

Instrument :
MSVOA_L
ClientSampleId :
VL0107ABS01



Tgt Ion:180 Resp: 107489
Ion Ratio Lower Upper
180 100
182 95.3 75.9 113.9
184 30.3 24.8 37.2

Manual Integrations
APPROVED

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