

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041838.D
 Acq On : 07 Jan 2025 09:18
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 01:19:55 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 01:18:22 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.800	49	97717	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	232315	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	198370	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.390 95 178169 10.487 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	144187	8.993	ppbv	100
3) Chlorodifluoromethane	1.479	51	136457	8.907	ppbv	100
4) Chloromethane	1.538	50	59602	9.040	ppbv	100
5) Vinyl Chloride	1.586	62	54824	8.244	ppbv	100
6) Bromomethane	1.674	94	25634	8.999	ppbv	100
7) Chloroethane	1.709	64	21958	8.578	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	126162	9.120	ppbv	100
9) Propene	1.489	41	48251	9.047	ppbv	100
10) Heptane	5.004	43	148658	11.283	ppbv	100
11) Trichlorofluoromethane	1.884	101	146982	9.015	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.149	101	110744	9.121	ppbv	100
13) Ethanol	1.729	45	3612m	5.891	ppbv	
14) Bromoethene	1.787	108	36921	9.288	ppbv	100
15) Acetone	1.842	43	132708	7.377	ppbv	100
16) 1,3-Butadiene	1.612	39	62332	8.836	ppbv	100
17) tert-Butyl alcohol	2.049	59	142263	9.126	ppbv	100
18) 1,1-Dichloroethene	2.043	96	46359	9.119	ppbv	100
19) Isopropyl Alcohol	1.894	45	67181	7.955	ppbv	100
20) Methylene Chloride	2.068	84	40886	7.950	ppbv	100
21) Allyl Chloride	2.104	41	88727	9.574	ppbv	100
22) trans-1,2-Dichloroethene	2.350	96	51671	9.094	ppbv	100
23) Vinyl Acetate	2.473	43	51668	8.955	ppbv	100
24) 1,1-Dichloroethane	2.418	63	113332	9.114	ppbv	100
25) Ethyl Acetate	2.845	43	301260	9.986	ppbv	100
26) Hexane	2.839	57	110574	10.560	ppbv	100
27) Carbon Disulfide	2.159	76	104642	10.530	ppbv	100
28) Methyl tert-Butyl Ether	2.450	73	73317	9.291	ppbv	100
29) Chloroform	2.861	83	173414	8.915	ppbv	100
30) Cyclohexane	3.875	84	87356	10.996	ppbv	100
31) cis-1,2-Dichloroethene	2.732	61	105358	9.776	ppbv	100
32) 1,1,1-Trichloroethane	3.383	97	164630	9.339	ppbv	100
34) 2-Butanone	2.567	43	170386	9.311	ppbv	100
35) Carbon Tetrachloride	3.781	117	171330	9.758	ppbv	100
36) Benzene	3.674	78	216013	9.733	ppbv	100
37) 1,2-Dichloroethane	3.230	62	138068	9.463	ppbv	100
38) Trichloroethene	4.570	130	81606	9.380	ppbv	100
39) 1,2-Dichloropropane	4.334	63	80487	9.375	ppbv	100
40) 1,4-Dioxane	4.606	88	34679	10.425	ppbv #	100
41) Tetrahydrofuran	3.069	42	91594	10.618	ppbv	100
42) Bromodichloromethane	4.512	83	172183	10.063	ppbv	100
43) Methyl Methacrylate	4.904	69	77566	11.130	ppbv	100
44) 2,2,4-Trimethylpentane	4.661	57	390617	10.683	ppbv	100
45) t-1,3-Dichloropropene	6.438	75	70965	10.430	ppbv	100

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Instrument :
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 ClientSampleId :
 VSTDICCC010

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

Quant Time: Jan 08 01:19:55 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 01:18:22 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.632	75	97612	10.905	ppbv	100
47) 1,1,2-Trichloroethane	6.606	97	84906	9.351	ppbv	100
48) Dibromochloromethane	7.409	129	124570	10.778	ppbv	100
49) Bromoform	9.500	173	101730	10.982	ppbv	100
50) 4-Methyl-2-Pentanone	5.784	43	237056	11.212	ppbv	100
51) 2-Hexanone	7.457	43	190925	11.921	ppbv	100
52) Tetrachloroethene	8.244	164	67367	10.236	ppbv	100
53) Toluene	6.959	91	226694	11.464	ppbv	100
54) 1,2-Dibromoethane	7.674	107	110192	9.910	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	107276	9.488	ppbv	100
57) Chlorobenzene	8.940	112	193822	9.352	ppbv	100
58) Ethyl Benzene	9.370	91	325850	12.052	ppbv	100
59) m/p-Xylene	9.565	91	564970m	23.662	ppbv	
60) o-Xylene	9.979	91	281728	12.136	ppbv	100
61) Styrene	9.885	104	112526	12.495	ppbv	100
62) Isopropylbenzene	10.552	105	417672	11.452	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.979	83	188048	9.238	ppbv	100
64) n-propylbenzene	11.002	120	109323	11.684	ppbv	100
65) tert-Butylbenzene	11.545	119	375903	11.438	ppbv	100
66) Benzyl Chloride	11.630	91	28370	10.329	ppbv	100
67) sec-Butylbenzene	11.782	105	541663	11.295	ppbv	100
69) p-Isopropyltoluene	11.937	119	449331	11.935	ppbv	100
70) n-Butylbenzene	12.293	91	444870	11.762	ppbv	100
71) 2-Chlorotoluene	10.914	91	310040	11.712	ppbv	100
72) 4-Ethyltoluene	11.138	105	339692	12.100	ppbv	100
73) 1,3,5-Trimethylbenzene	11.218	105	292453	11.894	ppbv	100
74) 1,2,4-Trimethylbenzene	11.552	105	326247	11.455	ppbv	100
75) 1,3-Dichlorobenzene	11.620	146	188321	9.880	ppbv	100
76) 1,4-Dichlorobenzene	11.685	146	186446	10.164	ppbv	100
77) 1,2-Dichlorobenzene	11.960	146	185674	9.347	ppbv	100
78) Hexachloro-1,3-Butadiene	13.895	225	120191	8.523	ppbv	100
79) Naphthalene	13.526	128	266390	12.698	ppbv	100
80) Naphthalene,2-methyl-	14.471	142	79067	10.182	ppbv	100
81) 1,2,4-Trichlorobenzene	13.455	180	118002	10.148	ppbv	100

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

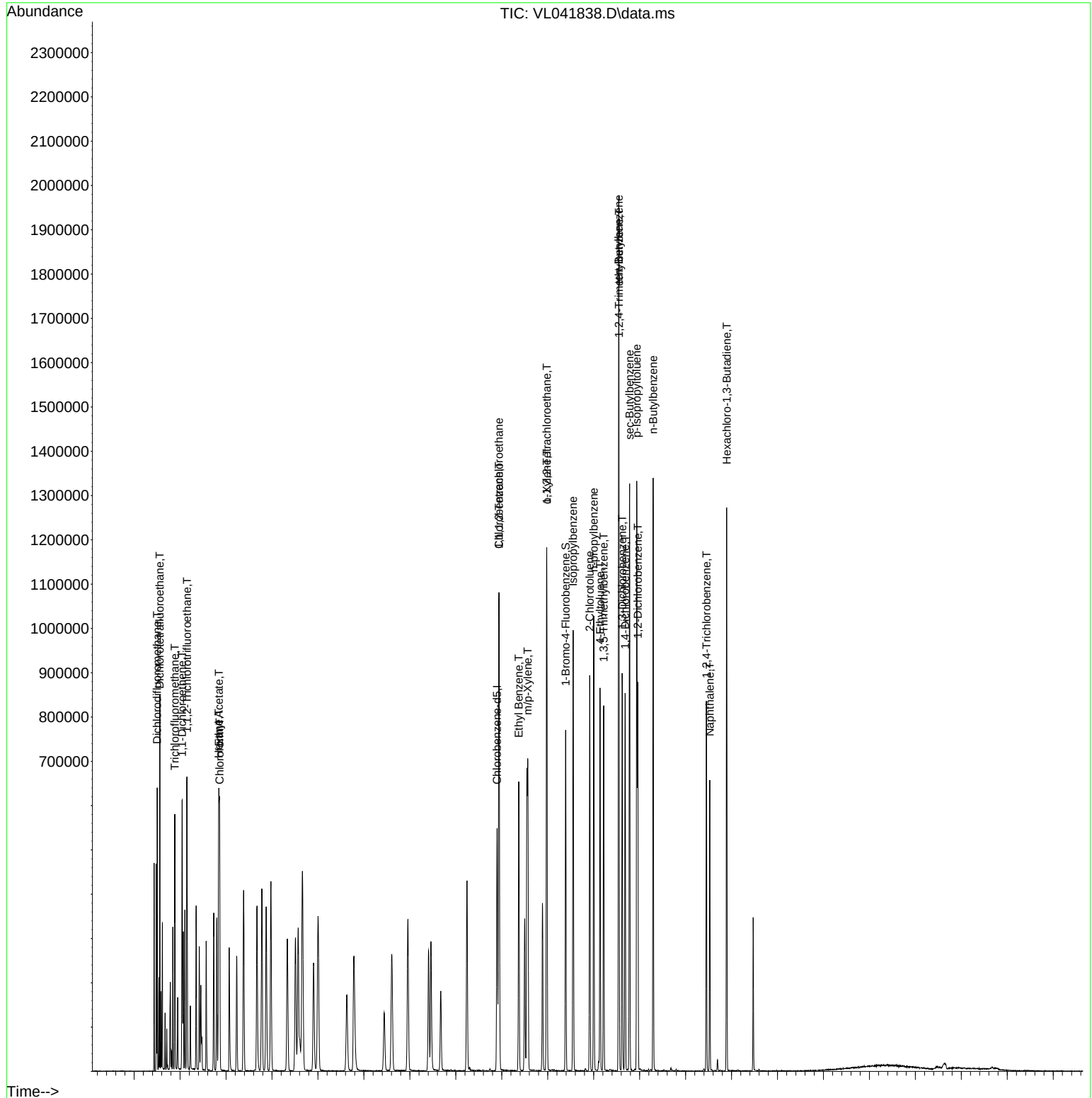
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
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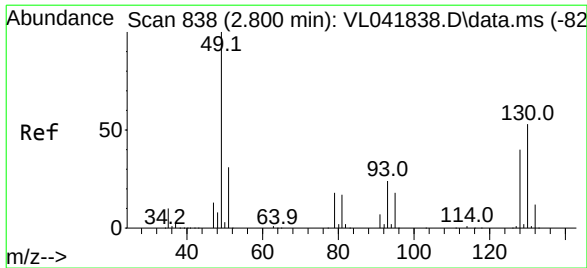
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

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

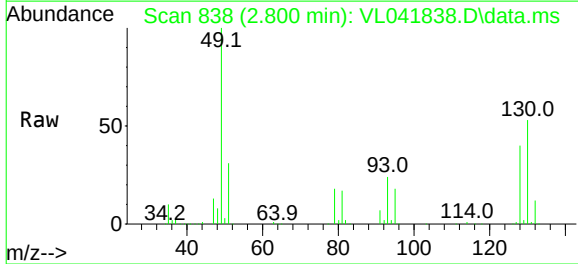
Quant Time: Jan 08 01:19:55 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jan 08 01:18:22 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

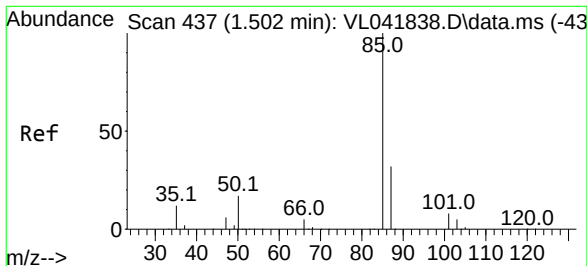
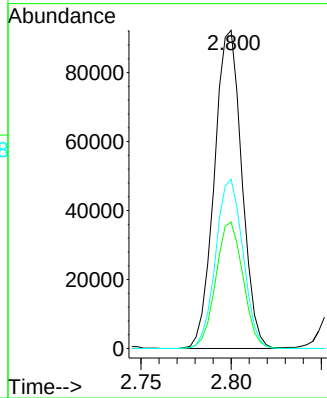
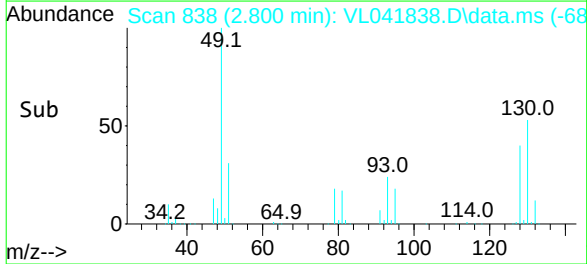
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



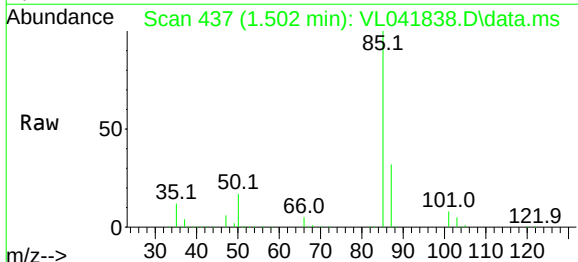
Tgt Ion: 49 Resp: 97717
Ion Ratio Lower Upper
49 100
128 39.4 19.7 59.1
130 52.8 26.4 79.2

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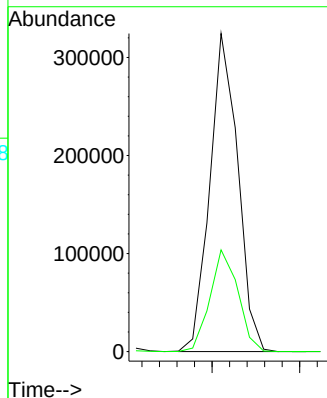
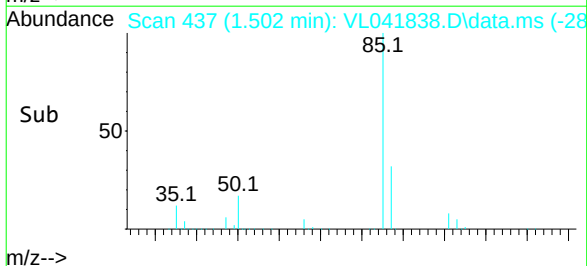
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

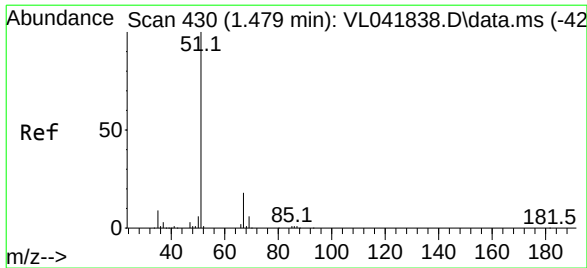


#2
Dichlorodifluoromethane
Concen: 8.993 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18



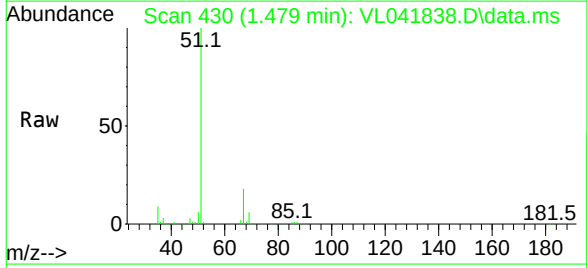
Tgt Ion: 85 Resp: 144187
Ion Ratio Lower Upper
85 100
87 32.0 25.6 38.4





#3
Chlorodifluoromethane
Concen: 8.907 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

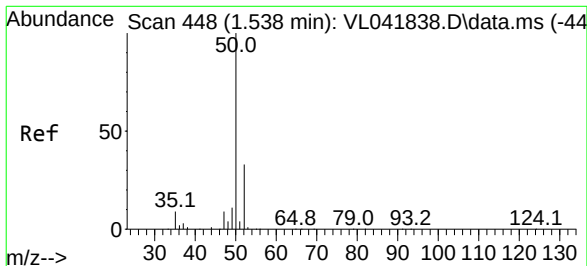
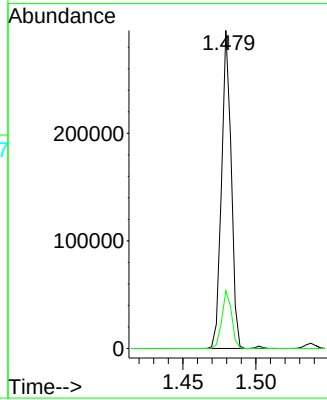
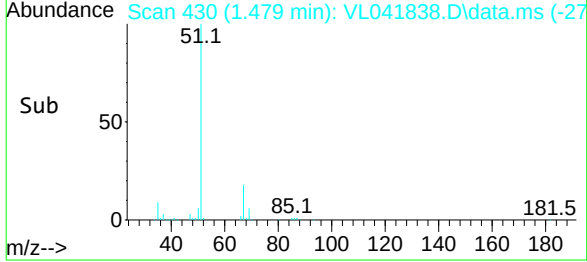
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 51 Resp: 136457
Ion Ratio Lower Upper
51 100
67 18.3 14.6 22.0

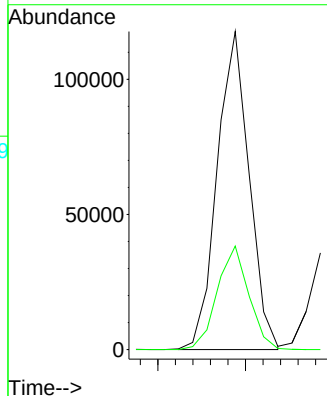
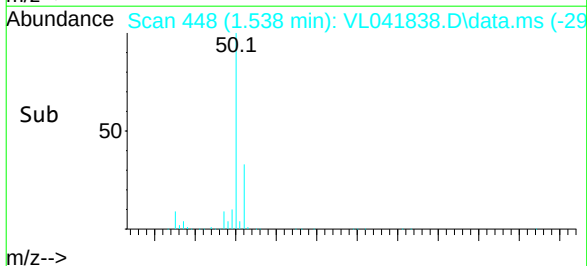
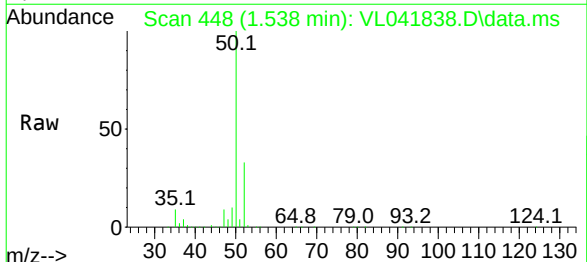
Manual Integrations
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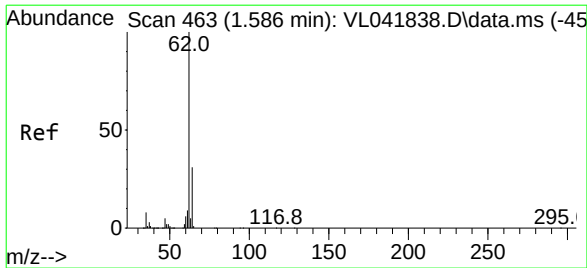
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 9.040 ppbv
RT: 1.538 min Scan# 448
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 50 Resp: 59602
Ion Ratio Lower Upper
50 100
52 32.6 26.1 39.1





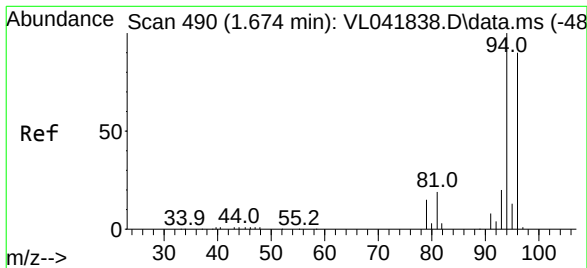
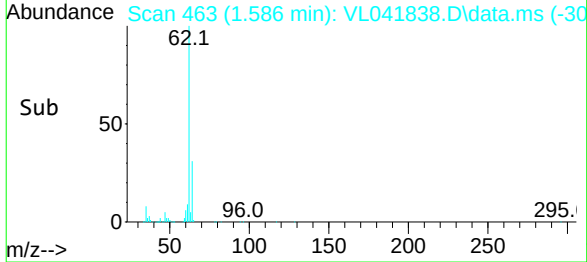
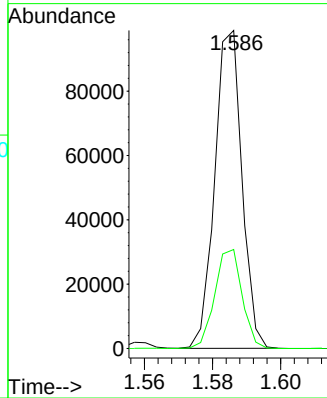
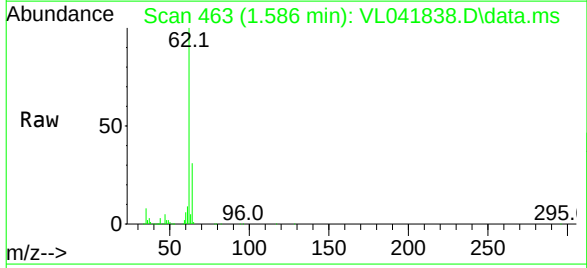
#5
 Vinyl Chloride
 Concen: 8.244 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 54824
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.9 37.3

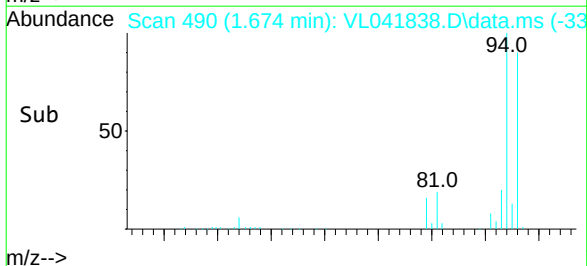
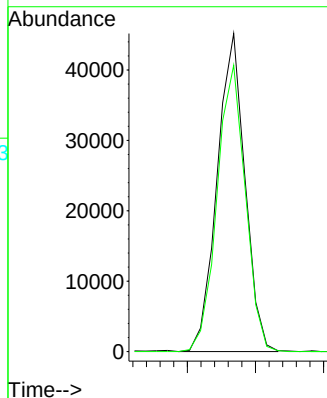
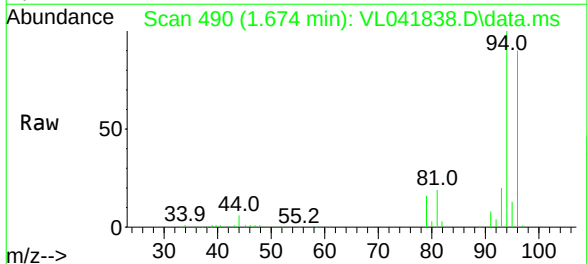
Manual Integrations
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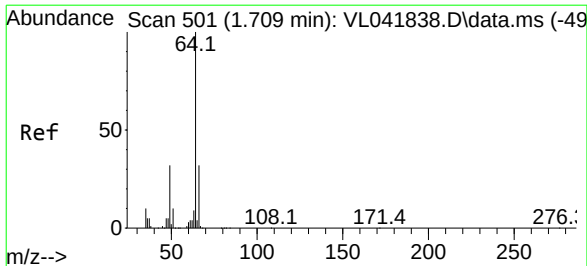
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 8.999 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Tgt Ion: 94 Resp: 25634
 Ion Ratio Lower Upper
 94 100
 96 90.0 72.0 108.0





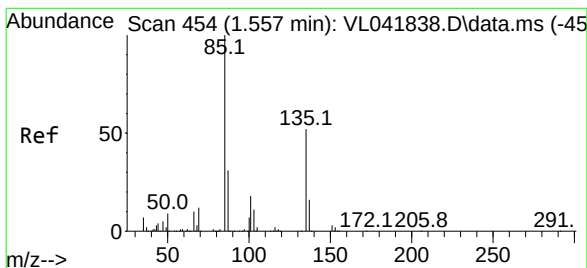
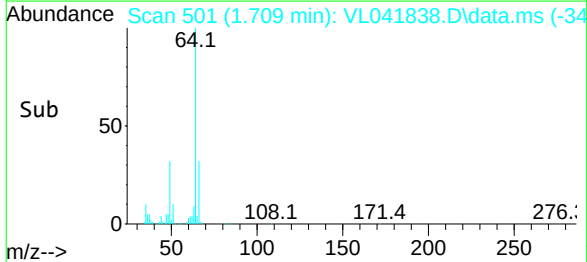
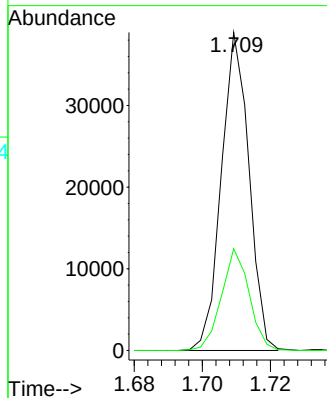
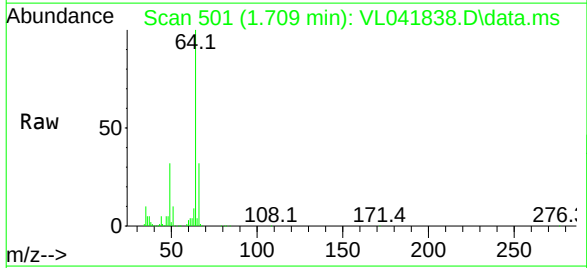
#7
Chloroethane
Concen: 8.578 ppbv
RT: 1.709 min Scan# 501
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 64 Resp: 21958
Ion Ratio Lower Upper
64 100
66 32.0 25.6 38.4

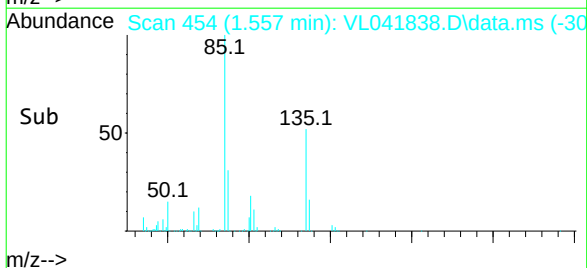
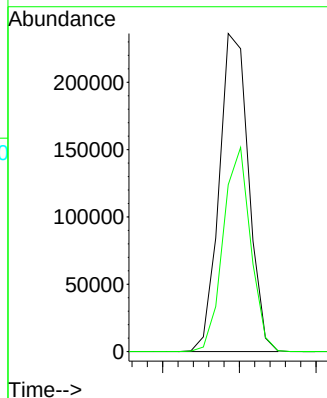
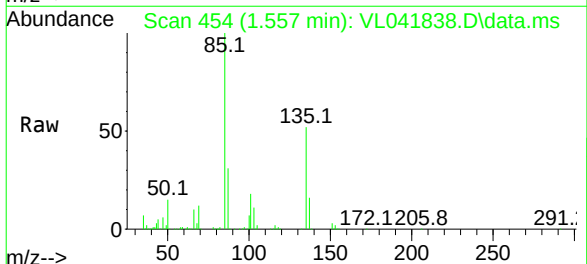
Manual Integrations
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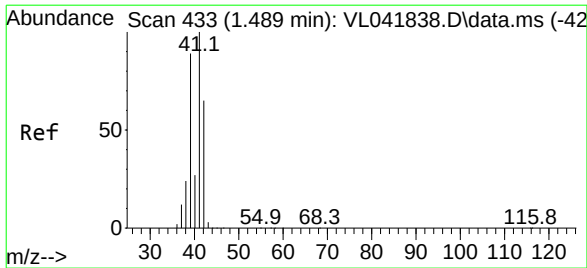
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 9.120 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 85 Resp: 126162
Ion Ratio Lower Upper
85 100
135 59.9 47.9 71.9





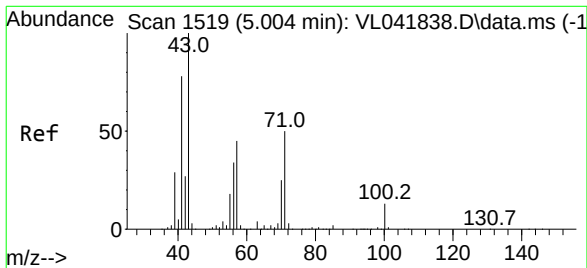
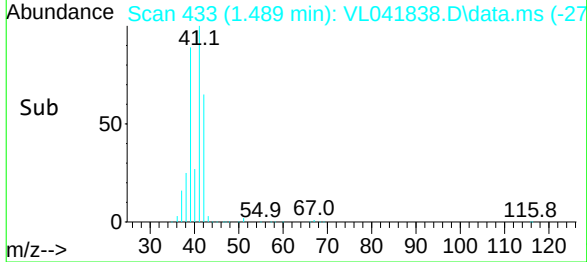
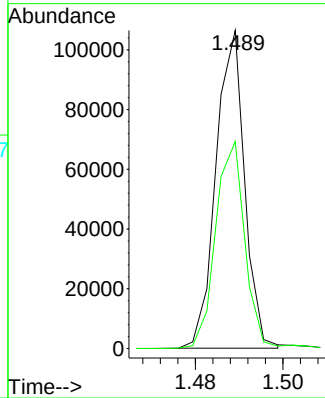
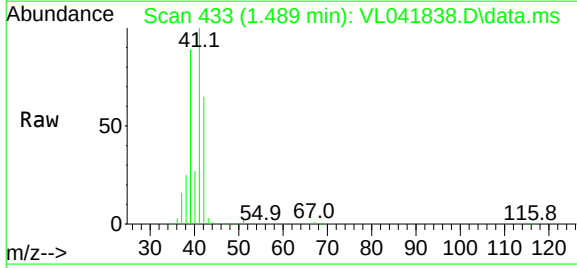
#9
Propene
Concen: 9.047 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 41 Resp: 48251
Ion Ratio Lower Upper
41 100
42 67.4 53.9 80.9

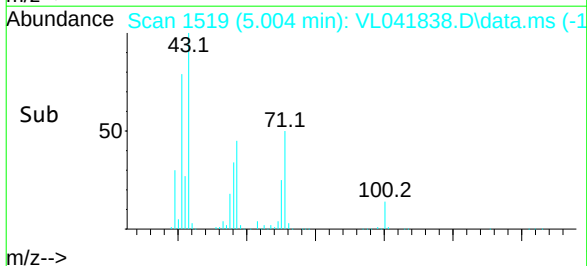
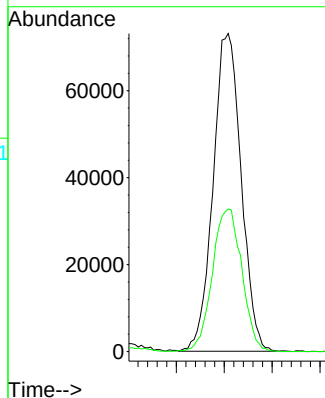
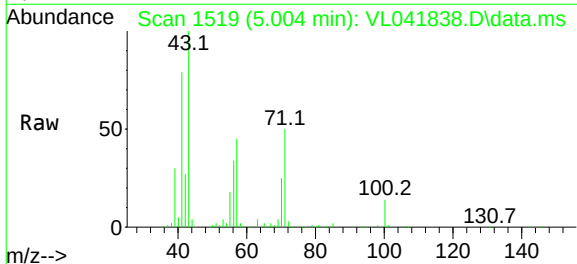
Manual Integrations
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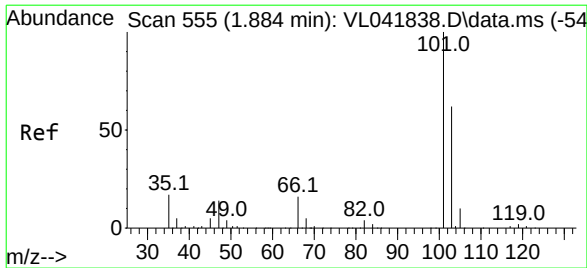
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#10
Heptane
Concen: 11.283 ppbv
RT: 5.004 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 43 Resp: 148658
Ion Ratio Lower Upper
43 100
57 47.2 37.8 56.6





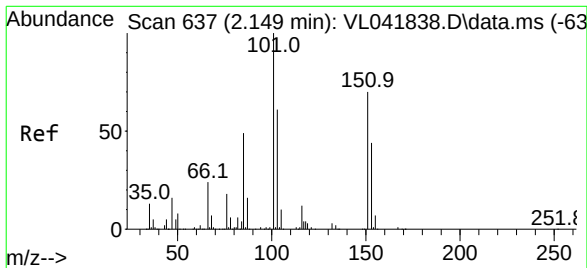
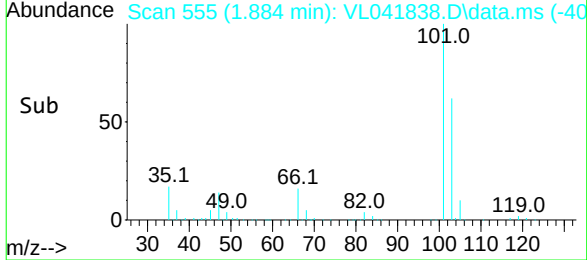
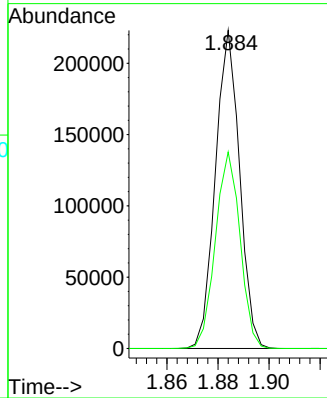
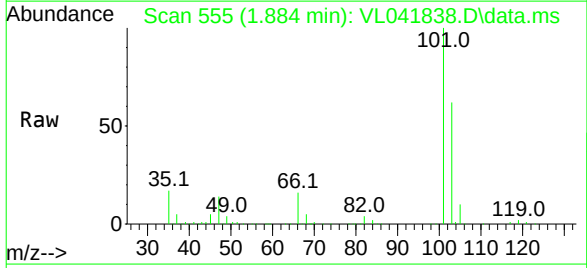
#11
 Trichlorofluoromethane
 Concen: 9.015 ppbv
 RT: 1.884 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:101 Resp: 146982
 Ion Ratio Lower Upper
 101 100
 103 61.7 49.4 74.0

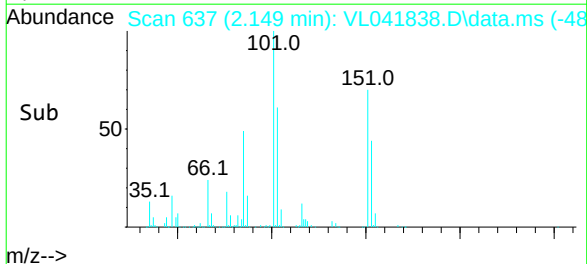
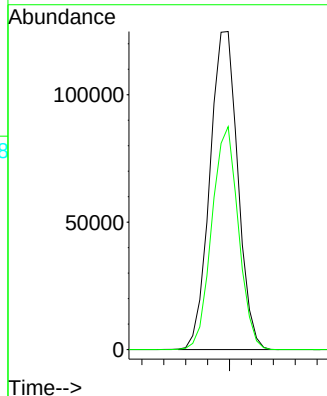
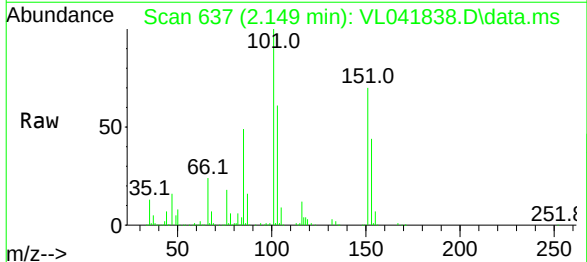
Manual Integrations
 APPROVED

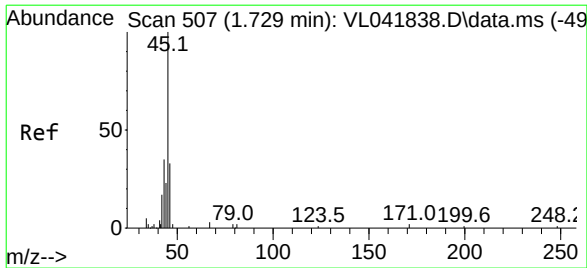
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.121 ppbv
 RT: 2.149 min Scan# 637
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

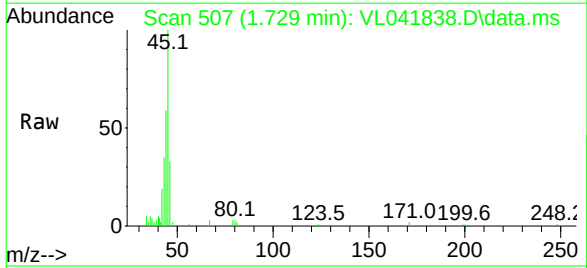
Tgt Ion:101 Resp: 110744
 Ion Ratio Lower Upper
 101 100
 151 66.5 53.2 79.8





#13
Ethanol
Concen: 5.891 ppbv m
RT: 1.729 min Scan# 507
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

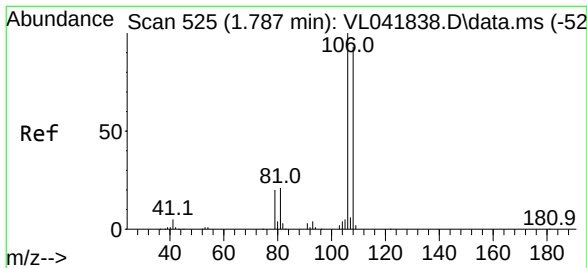
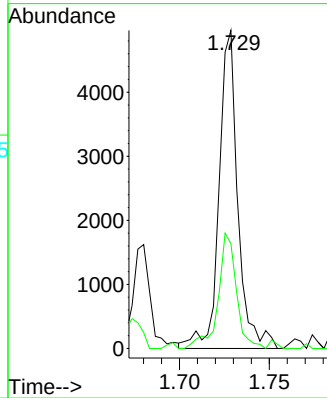
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 45 Resp: 3612
Ion Ratio Lower Upper
45 100
46 36.4 14.6 58.2

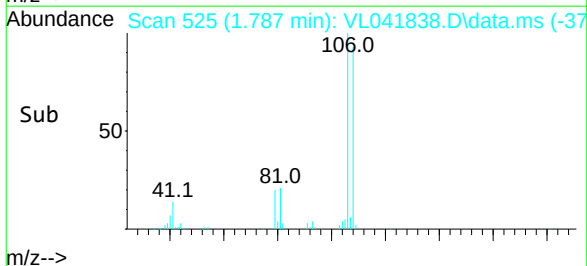
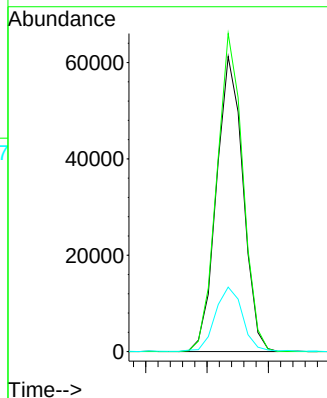
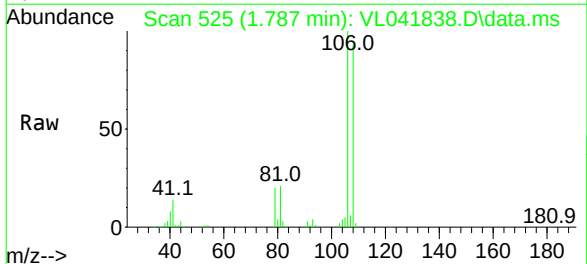
Manual Integrations
APPROVED

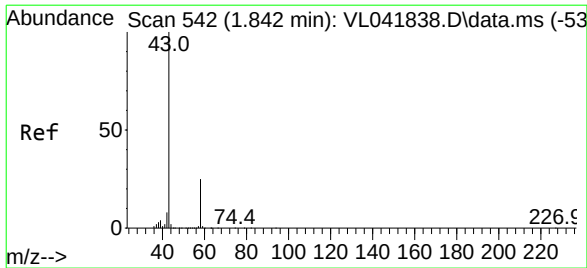
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#14
Bromoethene
Concen: 9.288 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

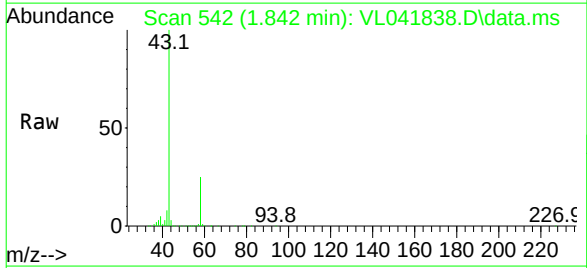
Tgt Ion:108 Resp: 36921
Ion Ratio Lower Upper
108 100
106 105.7 84.6 126.8
79 22.9 18.3 27.5





#15
Acetone
Concen: 7.377 ppbv
RT: 1.842 min Scan# 54
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

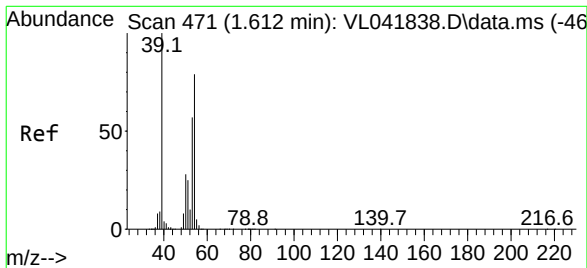
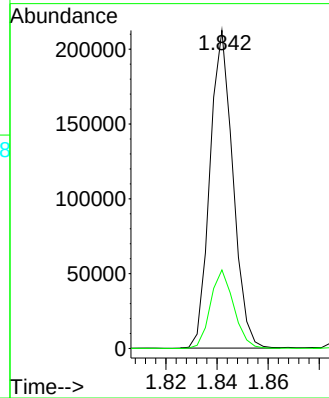
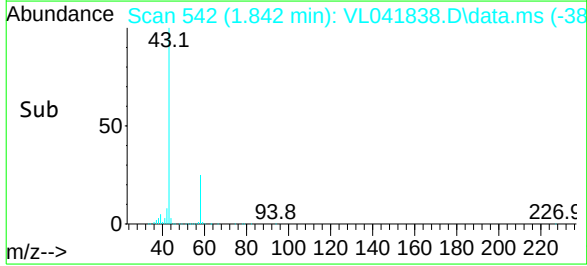
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 132708
Ion Ratio Lower Upper
43 100
58 25.3 20.2 30.4

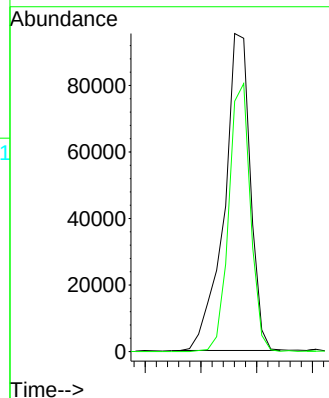
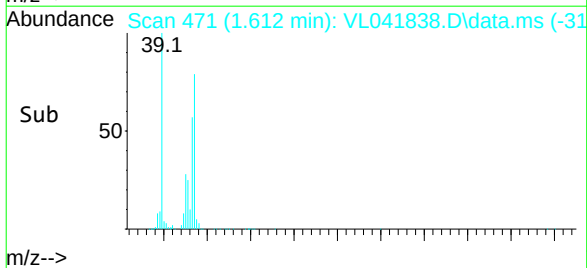
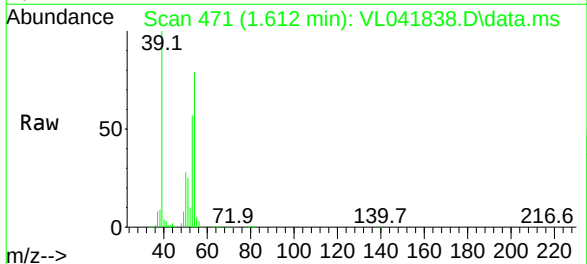
Manual Integrations
APPROVED

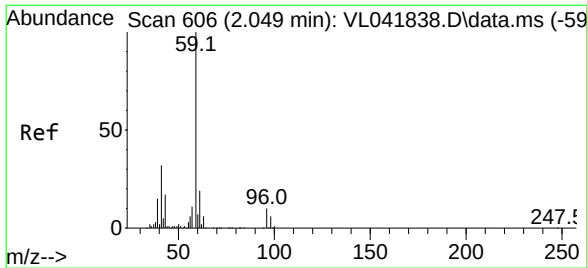
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 8.836 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

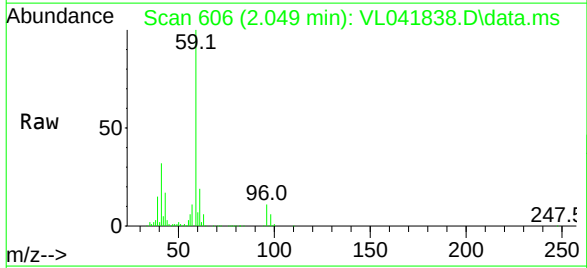
Tgt Ion: 39 Resp: 62332
Ion Ratio Lower Upper
39 100
54 70.3 56.2 84.4





#17
tert-Butyl alcohol
Concen: 9.126 ppbv
RT: 2.049 min Scan# 606
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

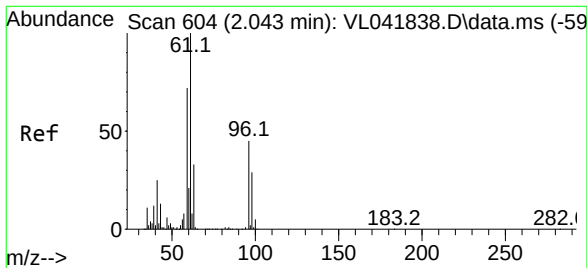
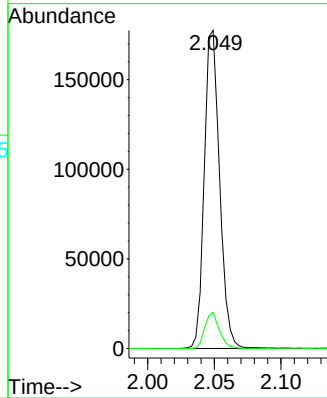
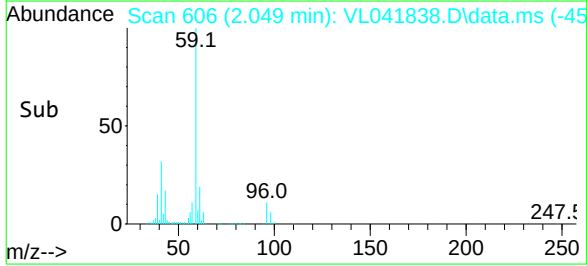
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 59 Resp: 142263
Ion Ratio Lower Upper
59 100
57 10.8 8.6 13.0

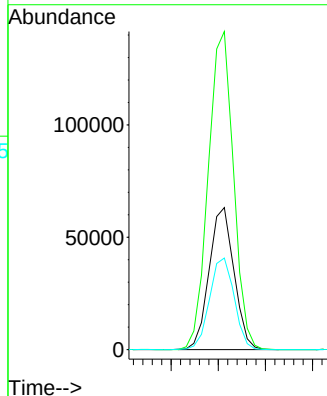
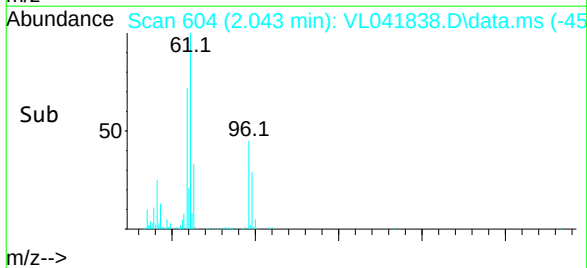
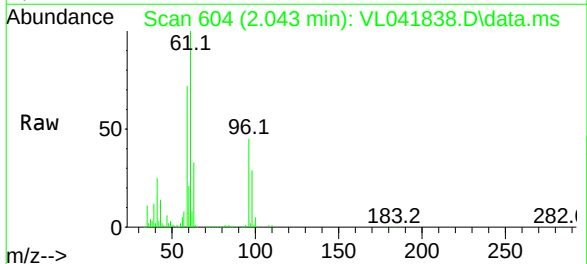
Manual Integrations
APPROVED

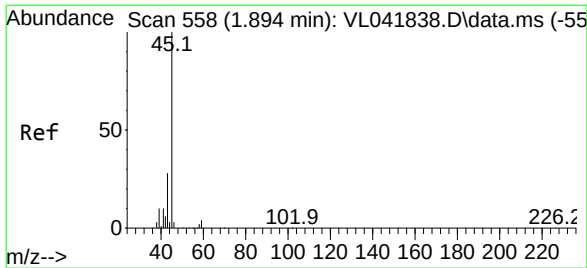
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#18
1,1-Dichloroethene
Concen: 9.119 ppbv
RT: 2.043 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 96 Resp: 46359
Ion Ratio Lower Upper
96 100
61 224.0 179.2 268.8
98 64.5 51.6 77.4





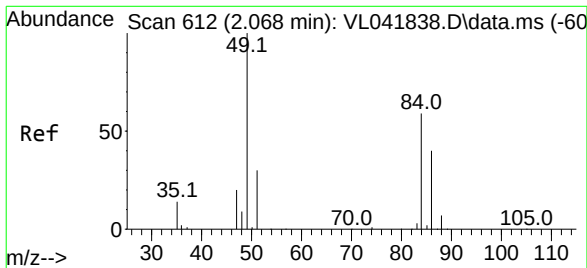
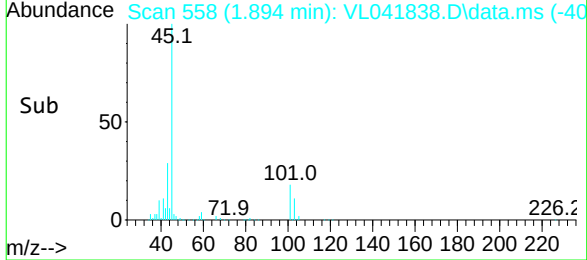
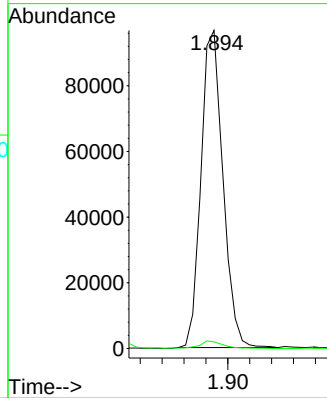
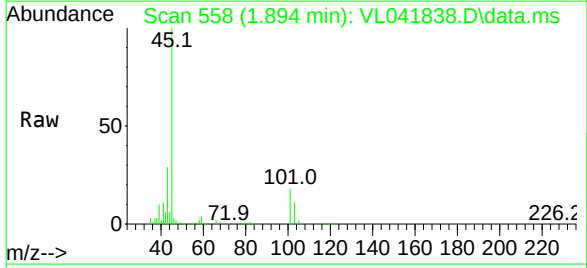
#19
Isopropyl Alcohol
Concen: 7.955 ppbv
RT: 1.894 min Scan# 558
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 67181
Ion Ratio Lower Upper
45 100
58 2.6 2.1 3.1

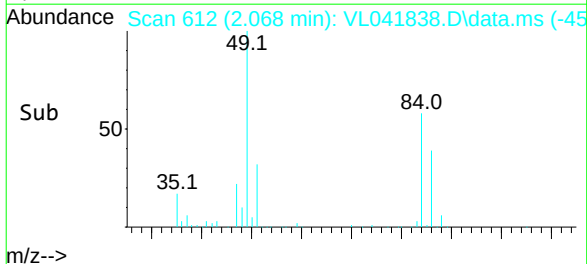
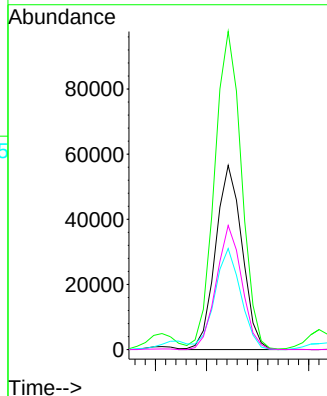
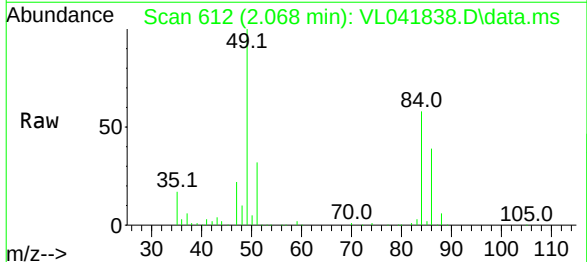
Manual Integrations
APPROVED

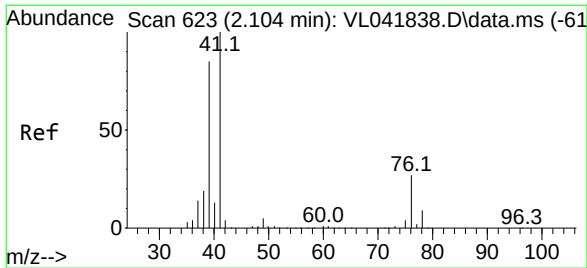
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#20
Methylene Chloride
Concen: 7.950 ppbv
RT: 2.068 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 84 Resp: 40886
Ion Ratio Lower Upper
84 100
49 172.3 137.8 206.8
51 54.9 43.9 65.9
86 67.4 53.9 80.9





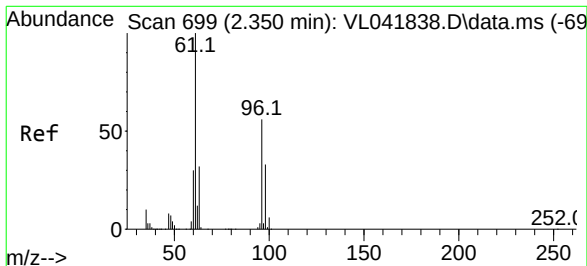
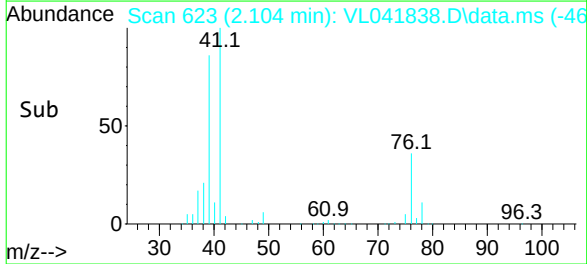
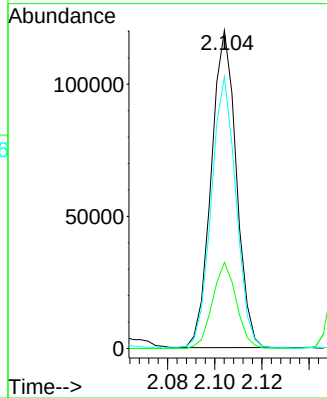
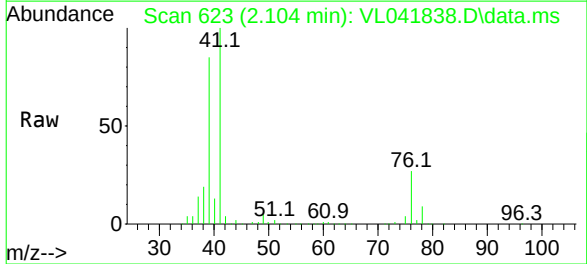
#21
 Allyl Chloride
 Concen: 9.574 ppbv
 RT: 2.104 min Scan# 623
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	41	Resp:	88727
Ion	Ratio	Lower	Upper
41	100		
76	25.8	20.6	31.0
39	83.8	67.0	100.6

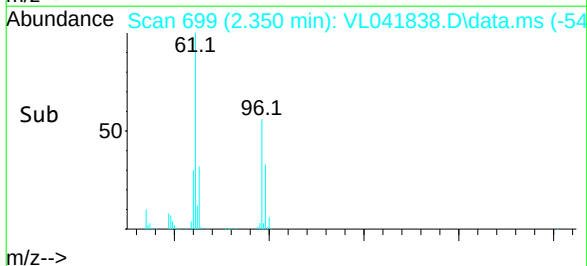
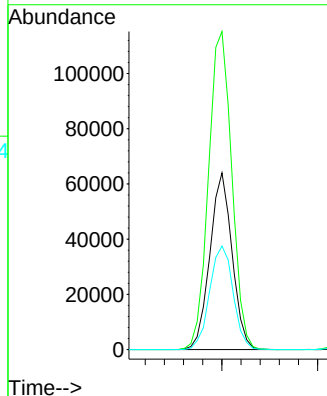
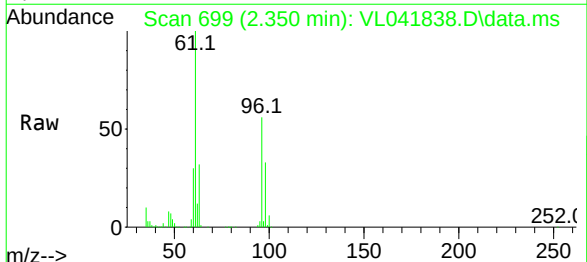
Manual Integrations
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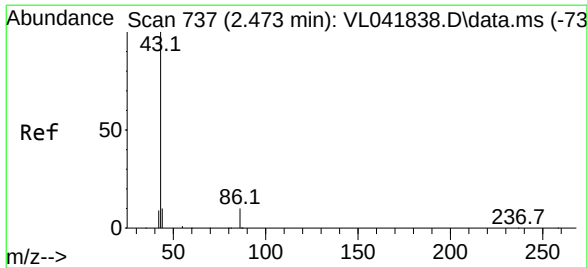
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.094 ppbv
 RT: 2.350 min Scan# 699
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Tgt Ion:	96	Resp:	51671
Ion	Ratio	Lower	Upper
96	100		
61	180.0	144.0	216.0
98	58.6	46.9	70.3





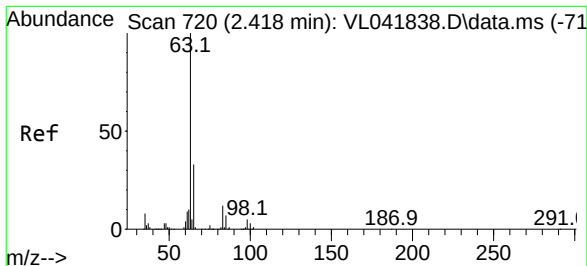
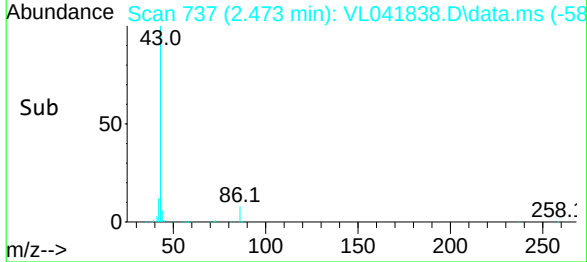
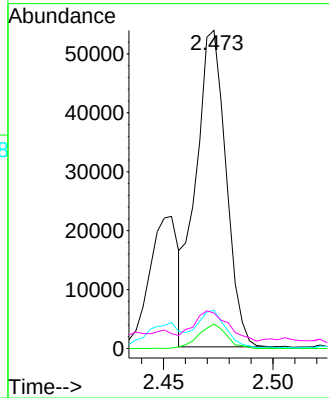
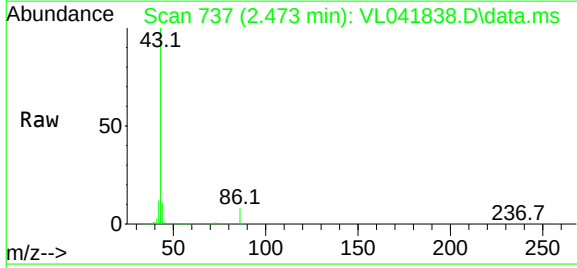
#23
 Vinyl Acetate
 Concen: 8.955 ppbv
 RT: 2.473 min Scan# 737
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:	43	Resp:	51668
Ion	Ratio	Lower	Upper
43	100		
86	8.0	6.4	9.6
42	11.9	9.5	14.3
44	8.4	6.7	10.1

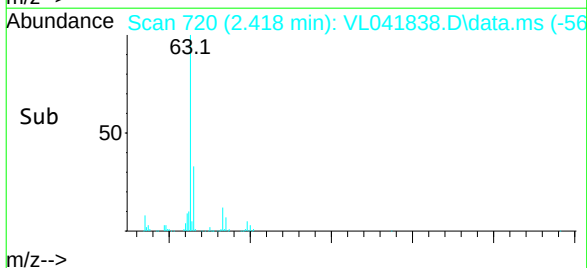
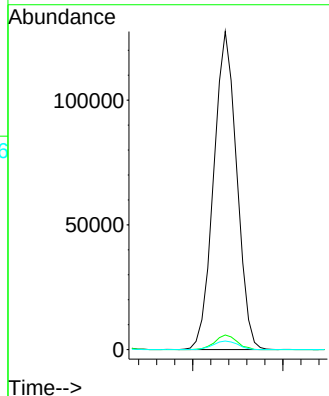
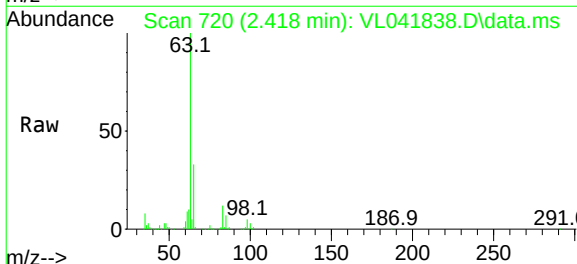
Manual Integrations
 APPROVED

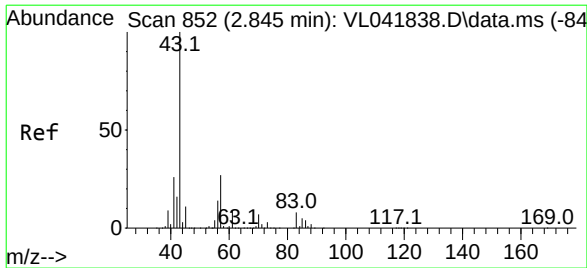
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#24
 1,1-Dichloroethane
 Concen: 9.114 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. 0.000 min
 Lab File: VL041838.D
 Acq: 07 Jan 2025 09:18

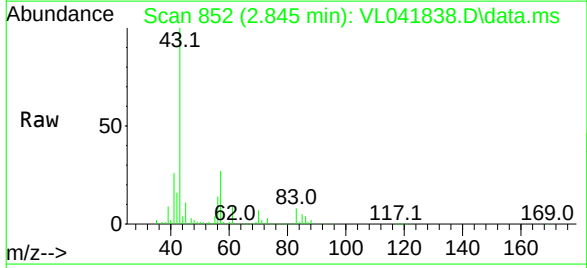
Tgt Ion:	63	Resp:	113332
Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.3	6.9
100	2.7	1.4	4.0





#25
Ethyl Acetate
Concen: 9.986 ppbv
RT: 2.845 min Scan# 851
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

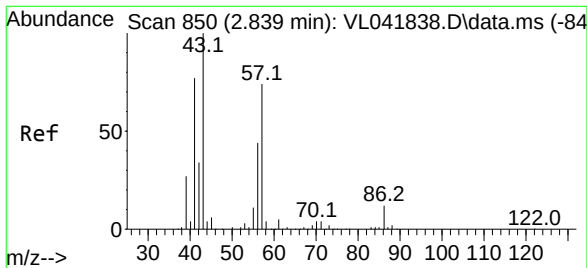
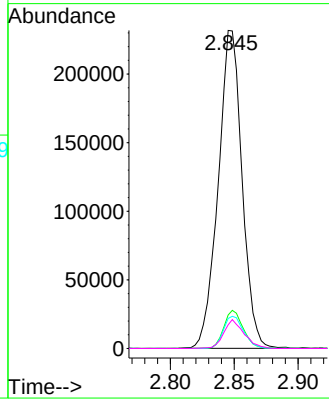
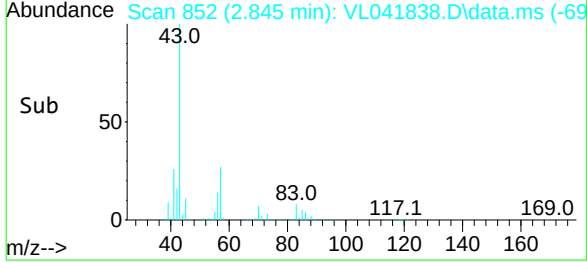
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



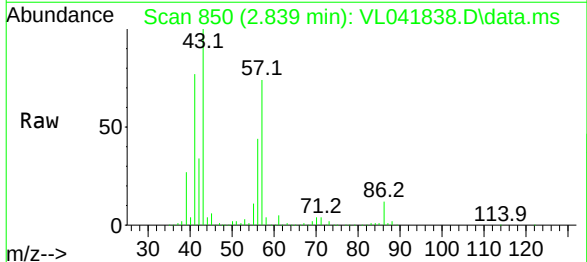
Tgt Ion:	43	Ratio	100	Lower	Upper
43	100				
45	9.8		7.8	11.8	
61	8.8		7.0	10.6	
70	7.7		6.2	9.2	

Manual Integrations
APPROVED

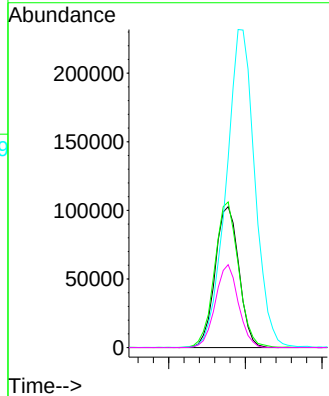
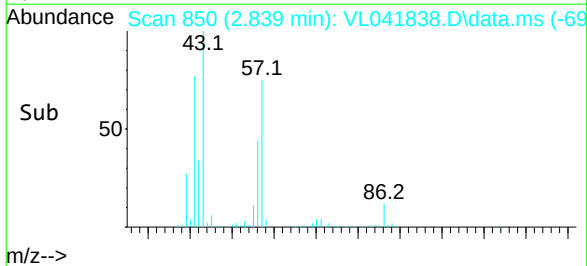
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

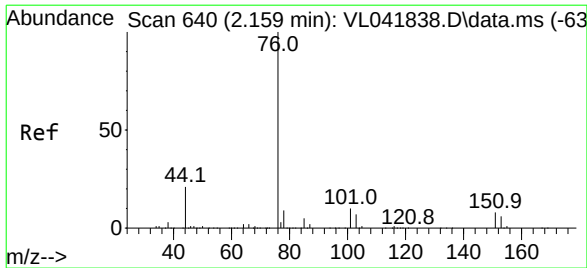


#26
Hexane
Concen: 10.560 ppbv
RT: 2.839 min Scan# 850
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18



Tgt Ion:	57	Ratio	100	Lower	Upper
57	100				
41	105.0		84.0	126.0	
43	273.0		218.4	327.6	
56	57.1		45.7	68.5	





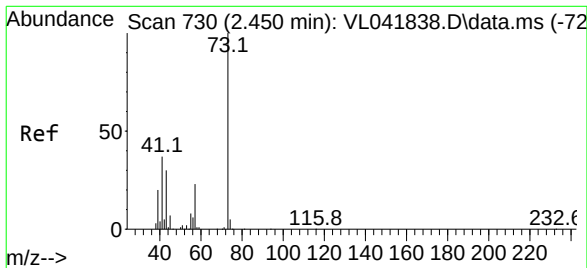
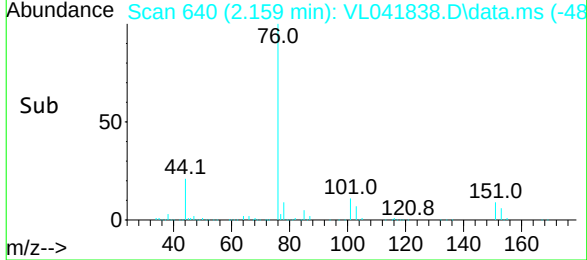
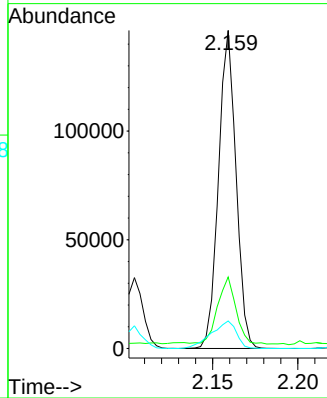
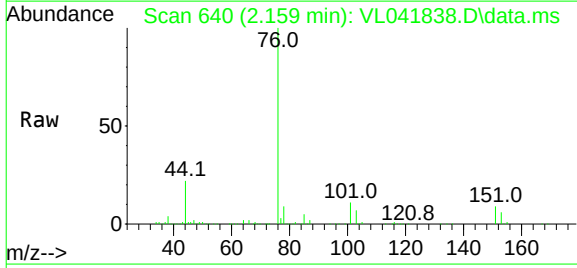
#27
Carbon Disulfide
Concen: 10.530 ppbv
RT: 2.159 min Scan# 640
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 76 Resp: 104642
Ion Ratio Lower Upper
76 100
44 24.8 19.8 29.8
78 12.3 9.8 14.8

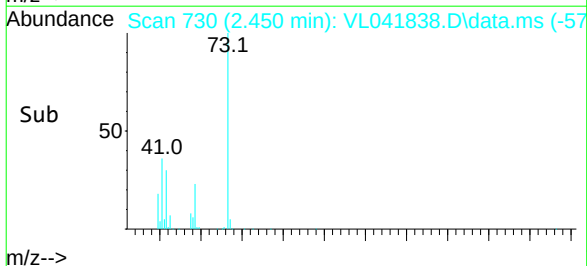
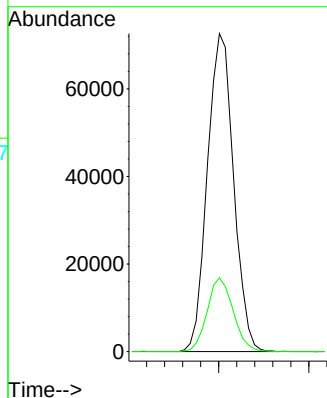
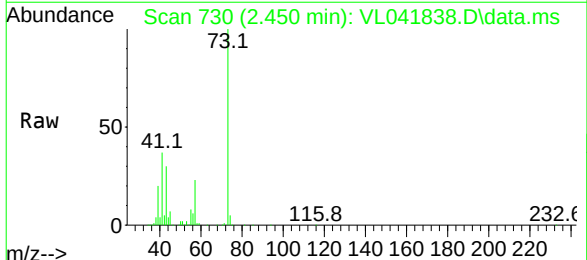
Manual Integrations
APPROVED

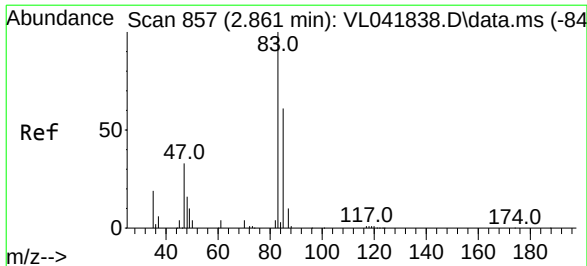
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#28
Methyl tert-Butyl Ether
Concen: 9.291 ppbv
RT: 2.450 min Scan# 730
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 73 Resp: 73317
Ion Ratio Lower Upper
73 100
57 23.0 18.4 27.6





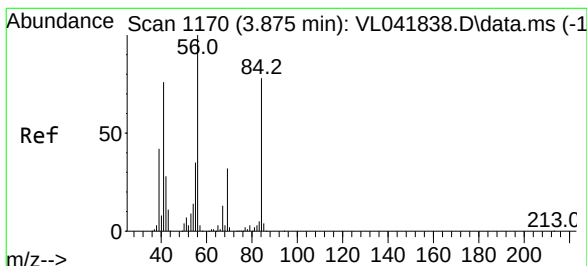
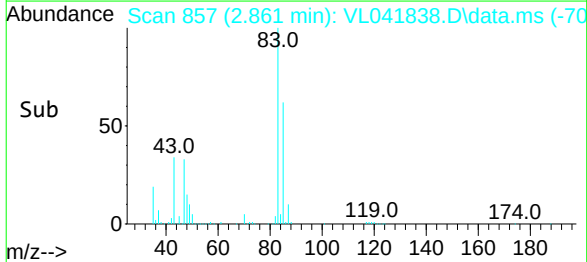
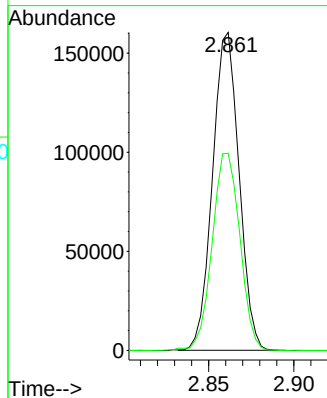
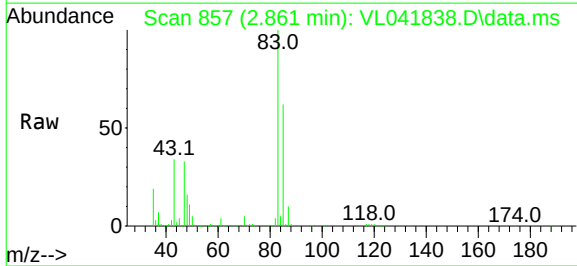
#29
Chloroform
Concen: 8.915 ppbv
RT: 2.861 min Scan# 857
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 83 Resp: 173414
Ion Ratio Lower Upper
83 100
85 62.0 49.6 74.4

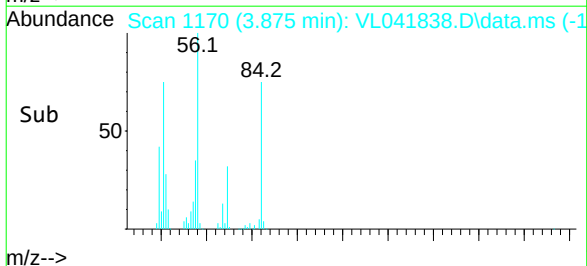
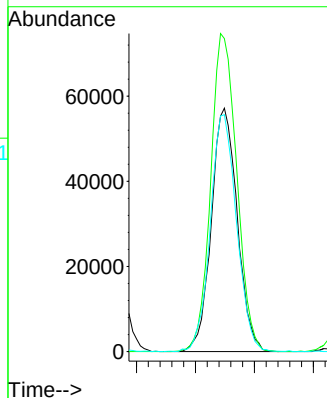
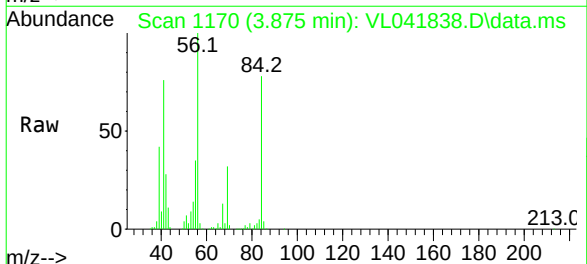
Manual Integrations
APPROVED

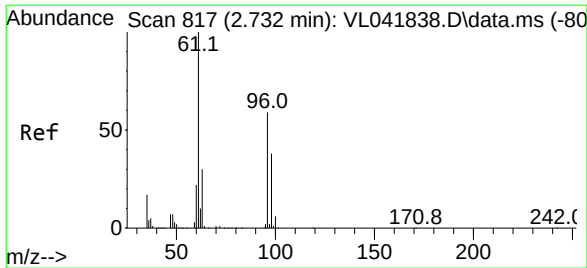
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#30
Cyclohexane
Concen: 10.996 ppbv
RT: 3.875 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 84 Resp: 87356
Ion Ratio Lower Upper
84 100
56 131.3 105.0 157.6
41 98.6 78.9 118.3





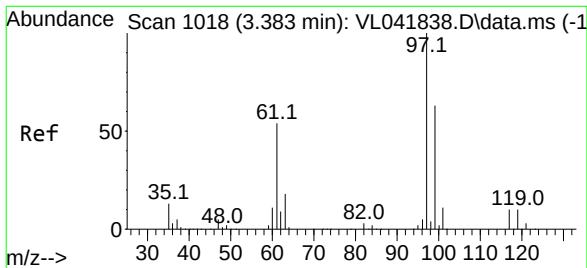
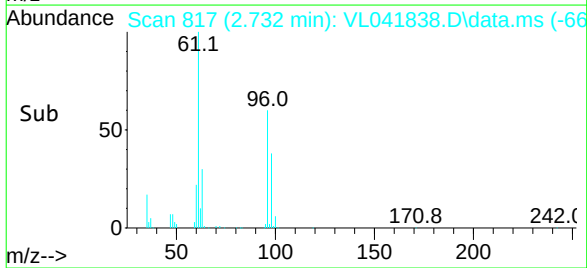
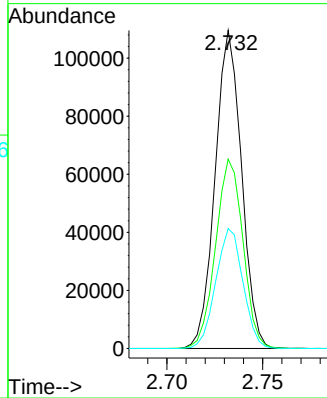
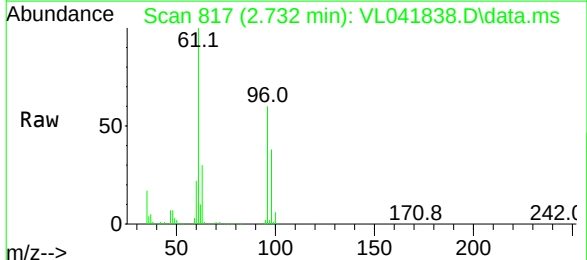
#31
cis-1,2-Dichloroethene
Concen: 9.776 ppbv
RT: 2.732 min Scan# 817
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 61 Resp: 105358
Ion Ratio Lower Upper
61 100
96 59.5 47.6 71.4
98 37.7 30.2 45.2

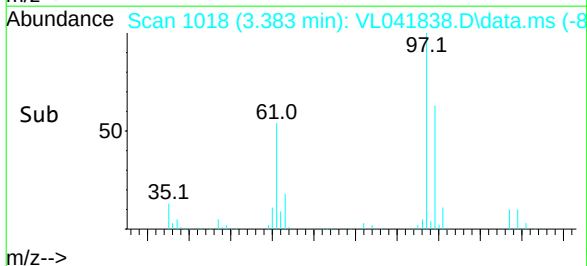
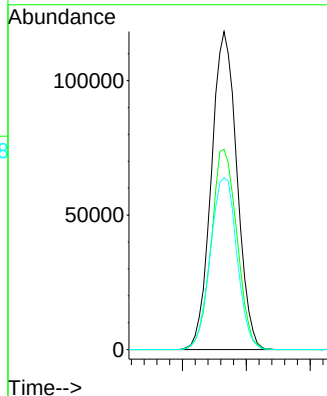
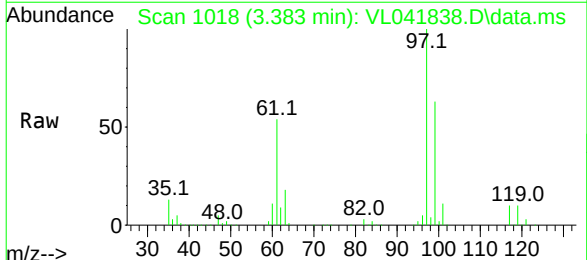
Manual Integrations
APPROVED

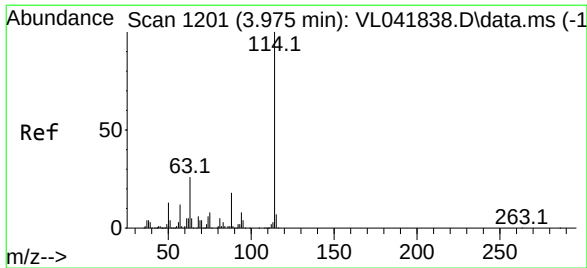
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#32
1,1,1-Trichloroethane
Concen: 9.339 ppbv
RT: 3.383 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 97 Resp: 164630
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 56.3 45.0 67.6





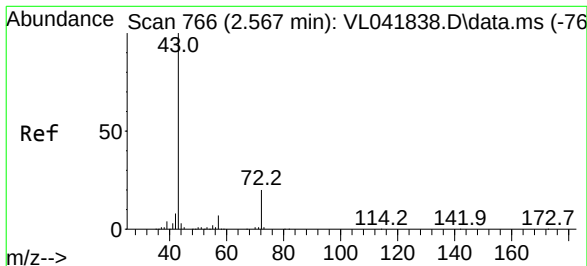
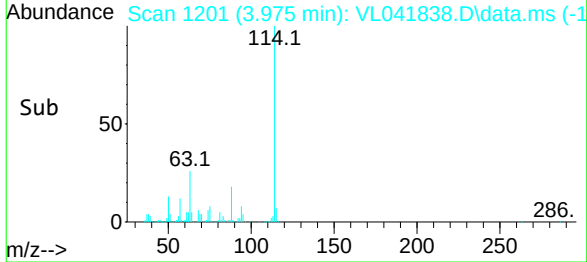
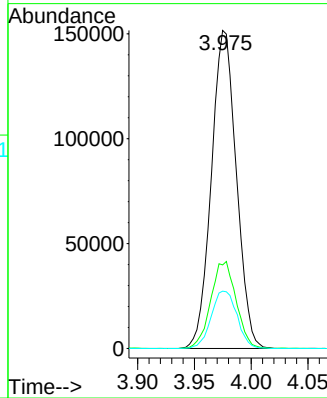
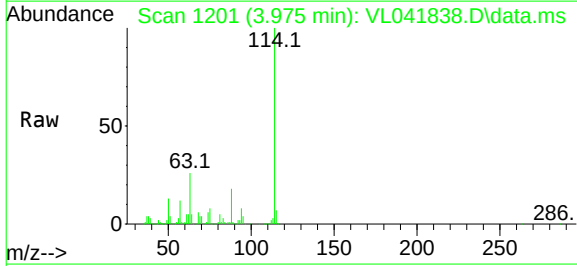
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:	114	Resp:	232315
Ion	Ratio	Lower	Upper
114	100		
63	27.9	22.3	33.5
88	18.6	14.9	22.3

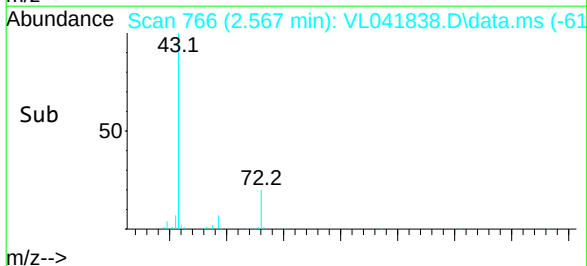
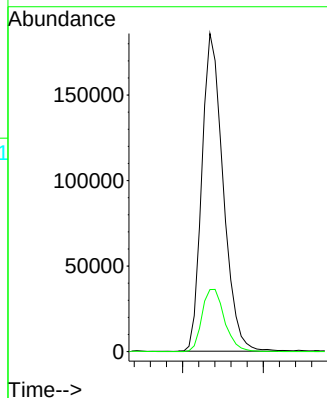
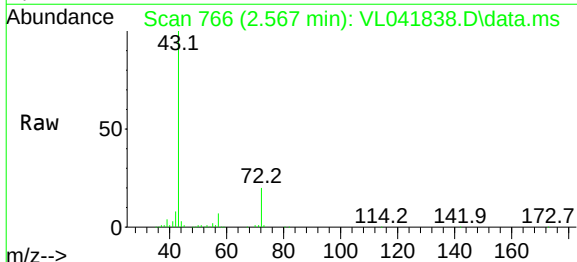
Manual Integrations
APPROVED

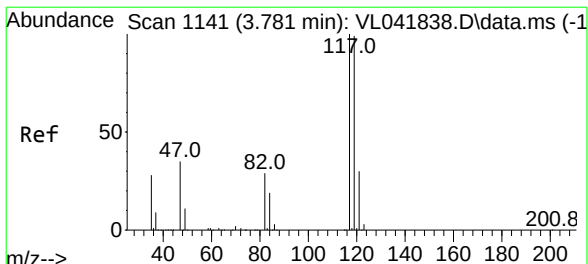
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 9.311 ppbv
RT: 2.567 min Scan# 766
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

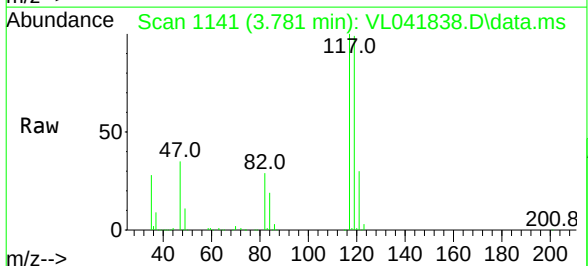
Tgt Ion:	43	Resp:	170386
Ion	Ratio	Lower	Upper
43	100		
72	20.8	16.6	25.0





#35
Carbon Tetrachloride
Concen: 9.758 ppbv
RT: 3.781 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

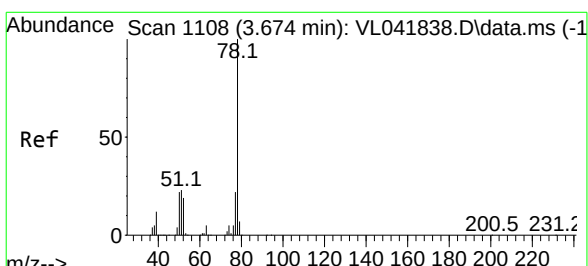
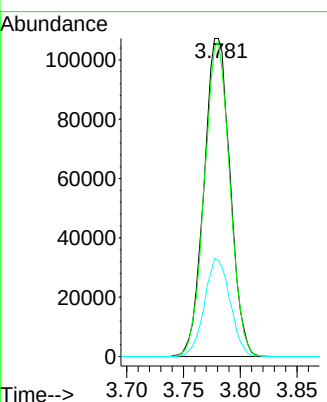
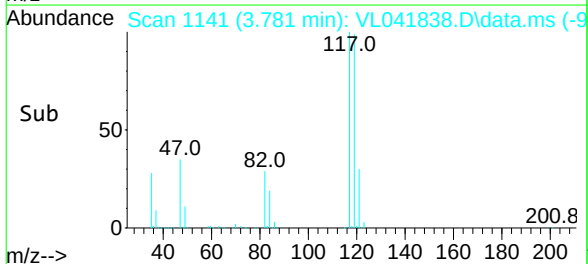
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



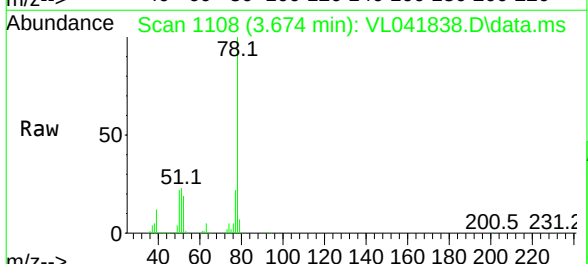
Tgt Ion: 117 Resp: 171336

Ion	Ratio	Lower	Upper
117	100		
119	98.9	79.1	118.7
121	30.2	24.2	36.2

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

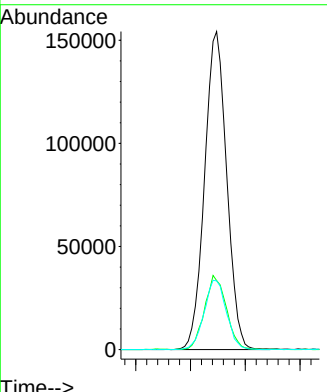
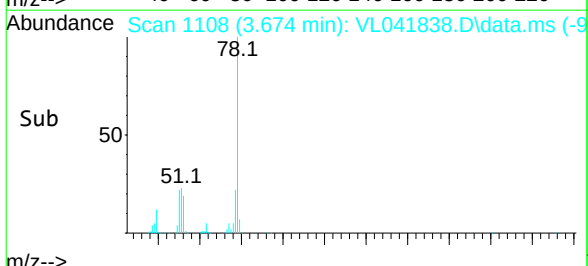


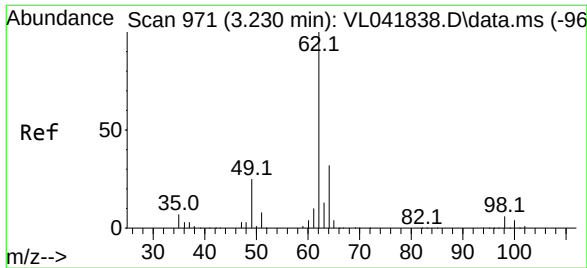
#36
Benzene
Concen: 9.733 ppbv
RT: 3.674 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18



Tgt Ion: 78 Resp: 216013

Ion	Ratio	Lower	Upper
78	100		
77	21.7	17.4	26.0
50	21.6	17.3	25.9





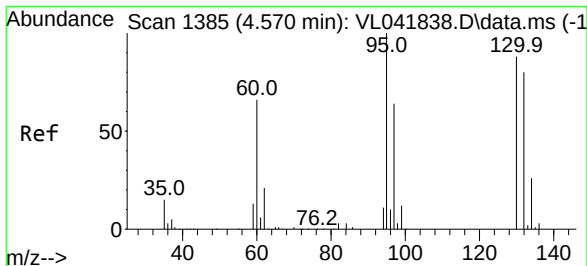
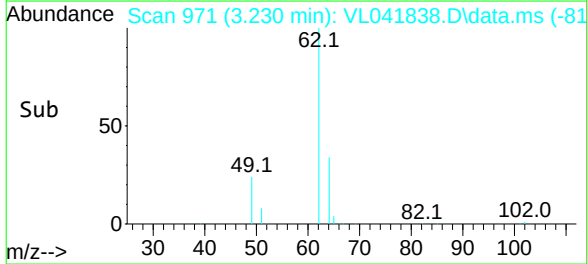
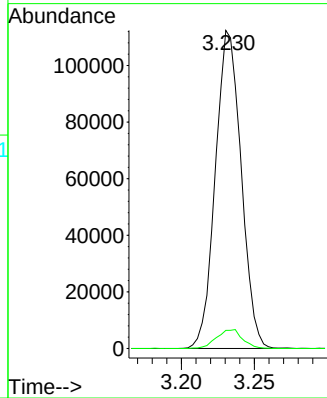
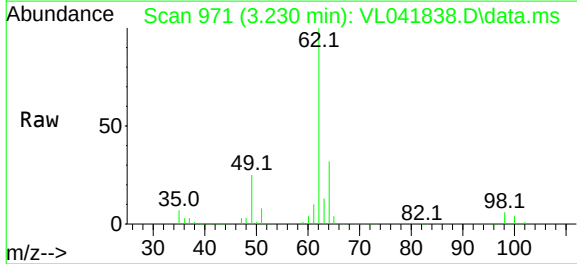
#37
1,2-Dichloroethane
Concen: 9.463 ppbv
RT: 3.230 min Scan# 971
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 62 Resp: 138068
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2

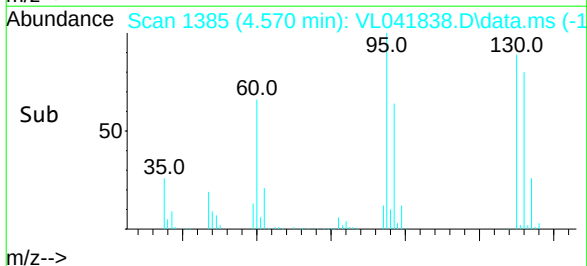
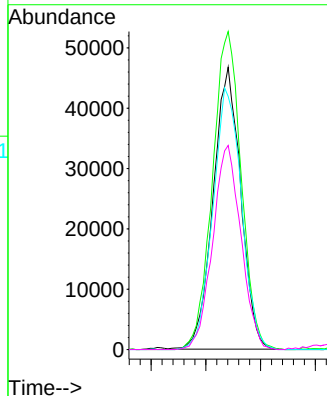
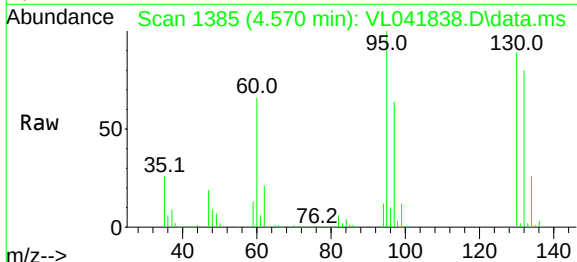
Manual Integrations
APPROVED

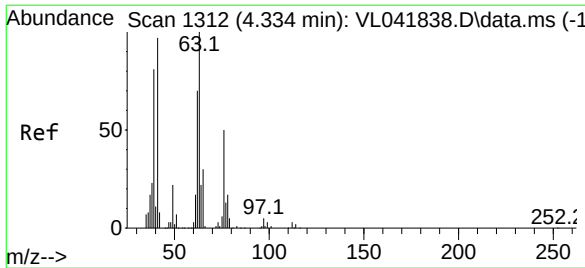
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 9.380 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion:130 Resp: 81606
Ion Ratio Lower Upper
130 100
95 112.6 90.1 135.1
132 89.8 71.8 107.8
97 72.4 57.9 86.9





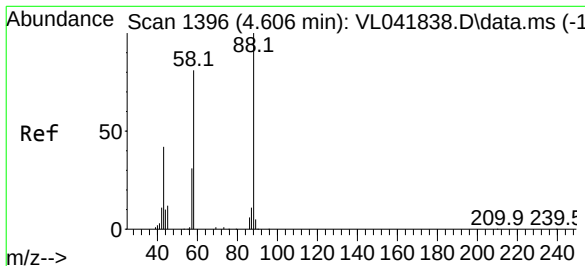
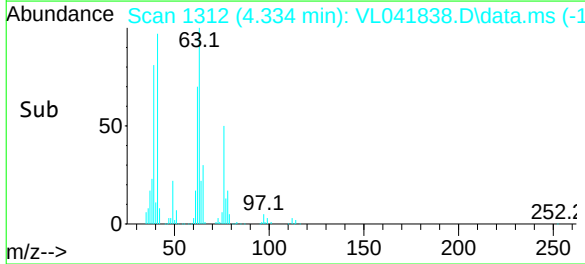
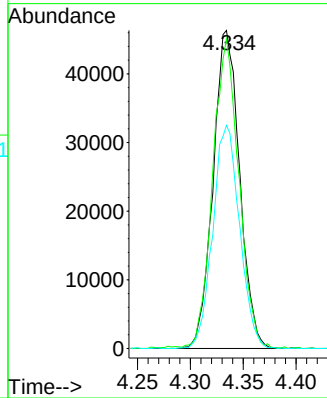
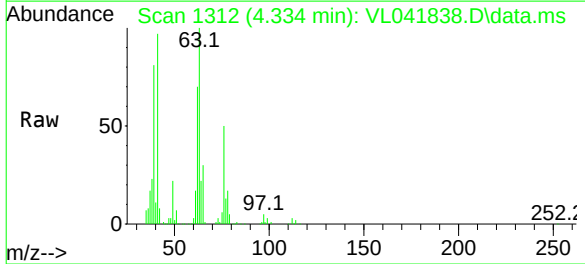
#39
1,2-Dichloropropane
Concen: 9.375 ppbv
RT: 4.334 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion	Ratio	Lower	Upper
63	100		
41	97.1	77.7	116.5
62	70.2	56.2	84.2

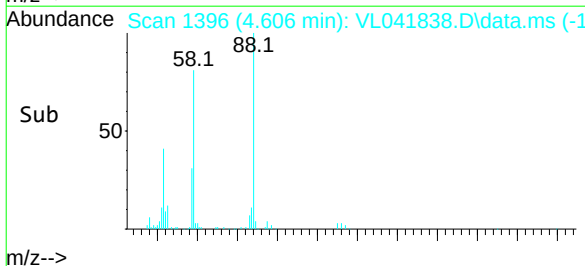
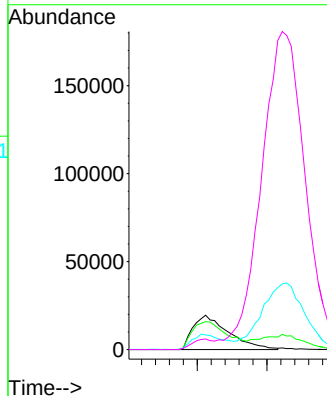
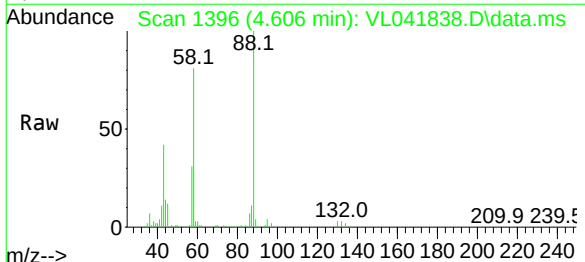
Manual Integrations
APPROVED

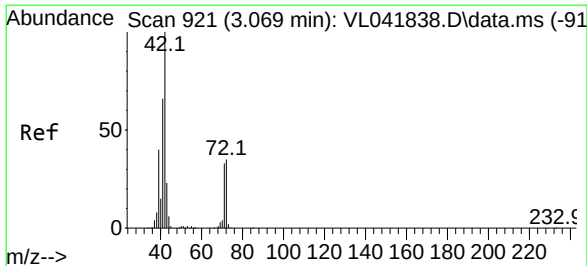
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#40
1,4-Dioxane
Concen: 10.425 ppbv
RT: 4.606 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	63.0	94.6
43	37.5	30.0	45.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 10.618 ppbv

RT: 3.069 min Scan# 921

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

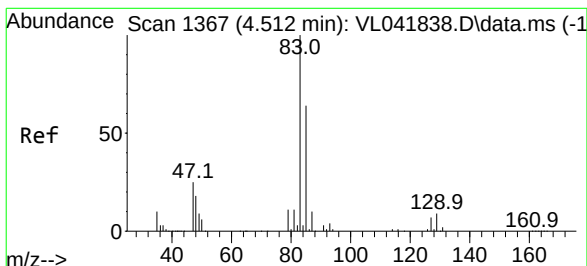
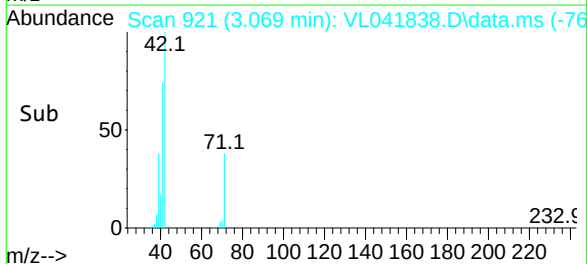
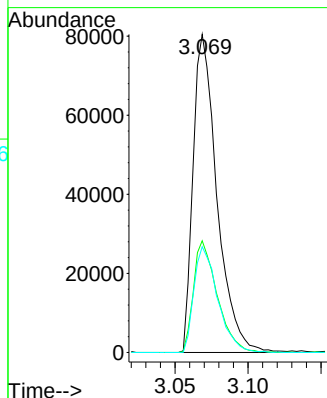
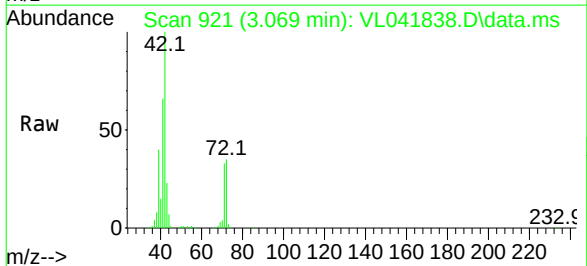
ClientSampleId :

VSTDICCC010

Tgt Ion: 42	Resp: 91594
Ion Ratio	Lower Upper
42 100	
72 34.9	27.9 41.9
71 33.1	26.5 39.7

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



#42

Bromodichloromethane

Concen: 10.063 ppbv

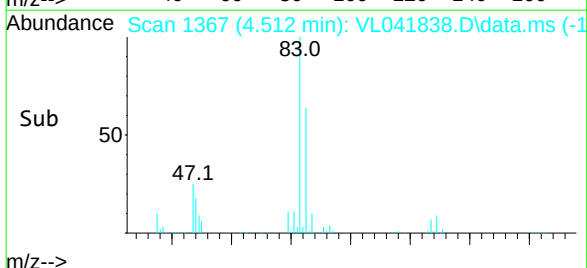
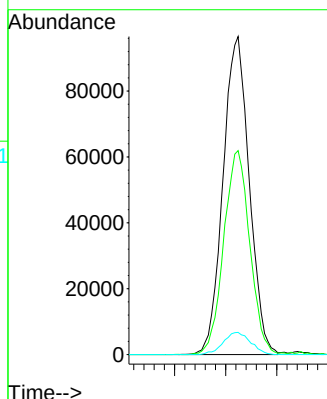
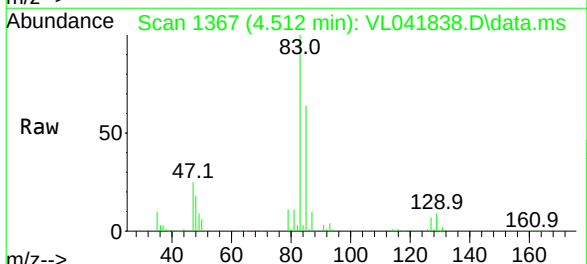
RT: 4.512 min Scan# 1367

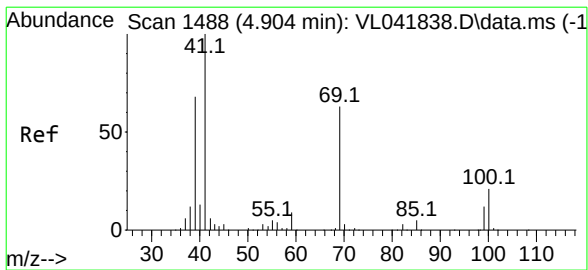
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion: 83	Resp: 172183
Ion Ratio	Lower Upper
83 100	
85 64.1	51.3 76.9
127 7.0	5.6 8.4





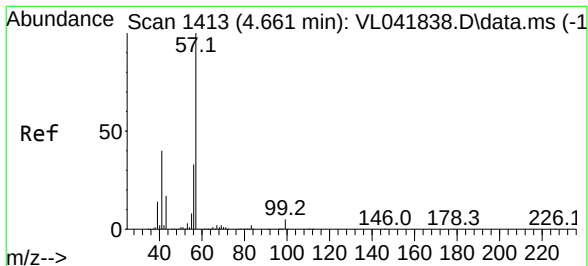
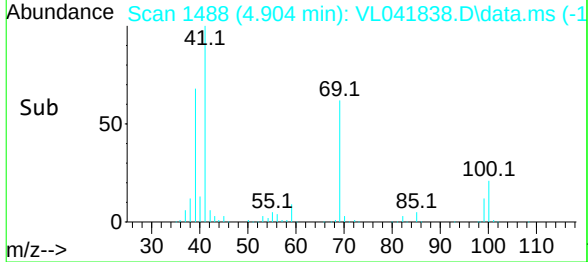
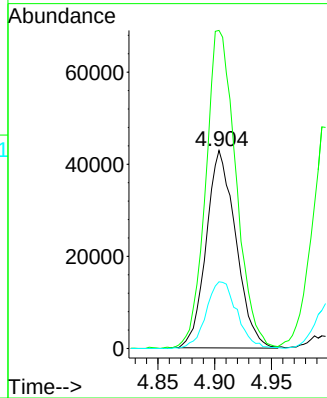
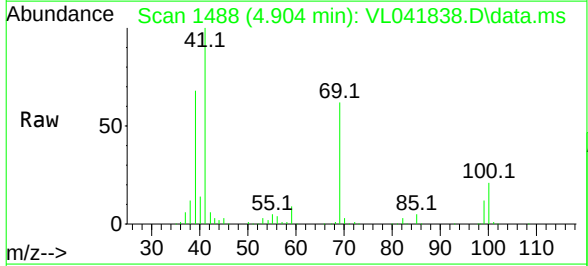
#43
Methyl Methacrylate
Concen: 11.130 ppbv
RT: 4.904 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument : MSVOA_1
ClientSampleId : VSTDICCC010

Tgt Ion: 69 Resp: 77566
Ion Ratio Lower Upper
69 100
41 165.2 132.2 198.2
100 35.3 28.2 42.4

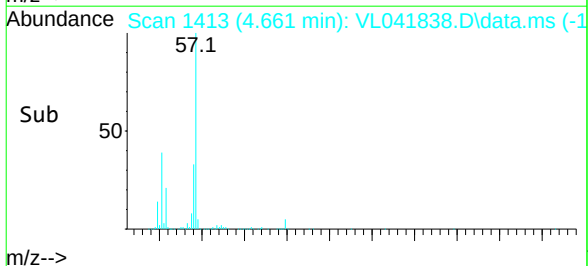
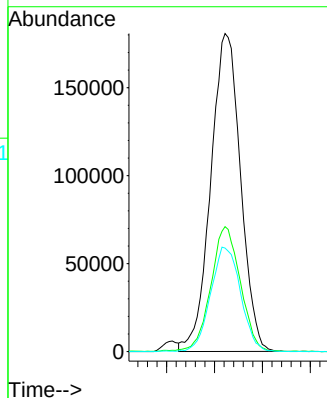
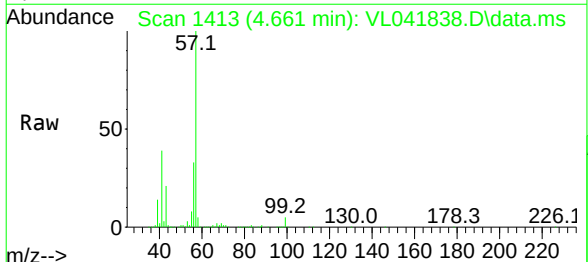
Manual Integrations
APPROVED

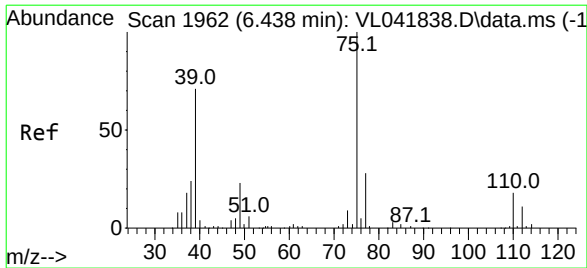
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44
2,2,4-Trimethylpentane
Concen: 10.683 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 57 Resp: 390617
Ion Ratio Lower Upper
57 100
41 39.3 31.4 47.2
56 33.2 26.6 39.8





#45

t-1,3-Dichloropropene

Concen: 10.430 ppbv

RT: 6.438 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 70965

Ion Ratio Lower Upper

75 100

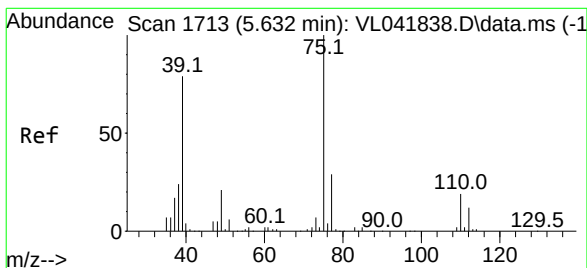
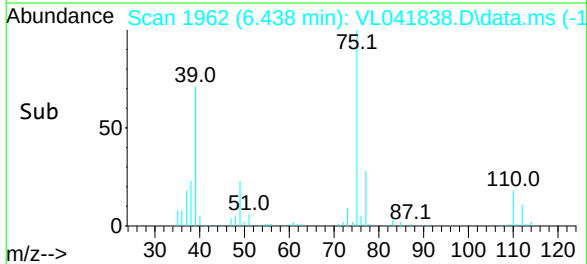
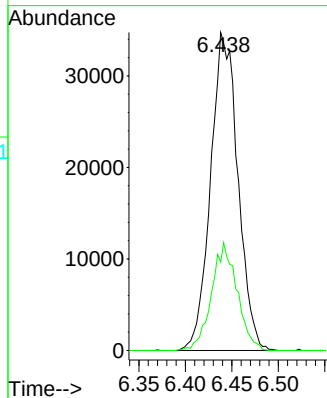
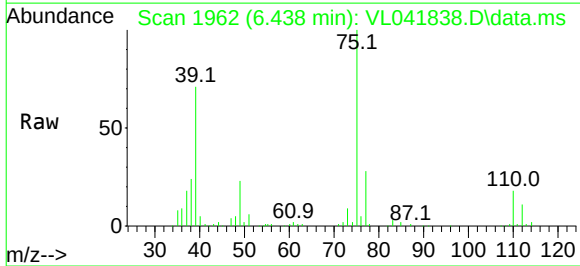
77 27.8 22.2 33.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#46

cis-1,3-Dichloropropene

Concen: 10.905 ppbv

RT: 5.632 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

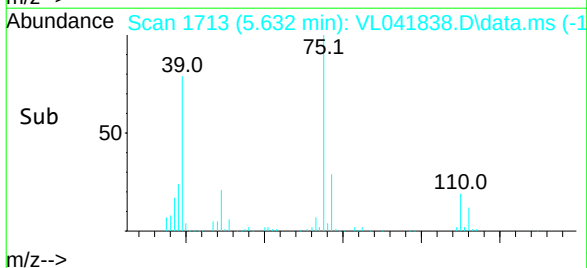
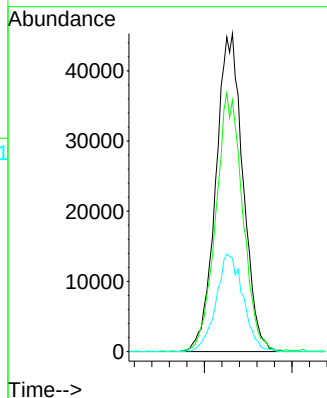
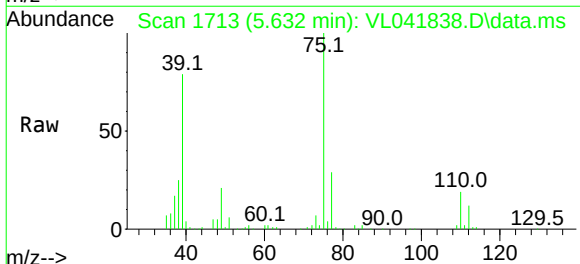
Tgt Ion: 75 Resp: 97612

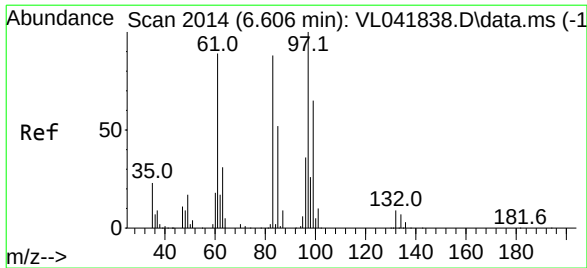
Ion Ratio Lower Upper

75 100

39 79.1 63.3 94.9

77 29.4 23.5 35.3





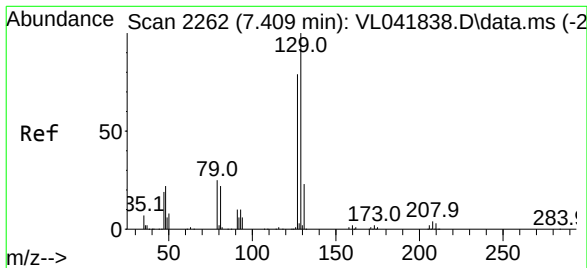
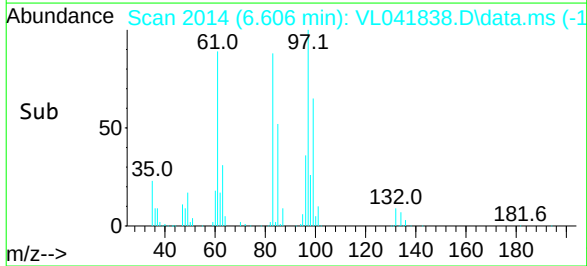
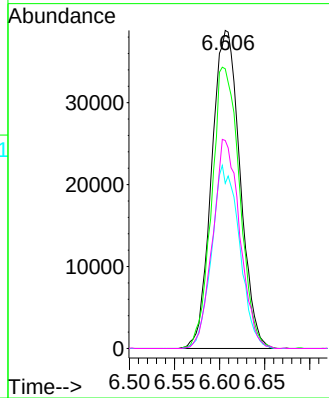
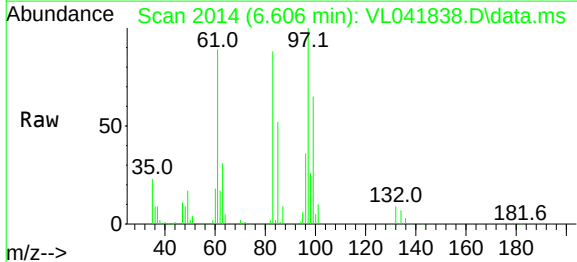
#47
1,1,2-Trichloroethane
Concen: 9.351 ppbv
RT: 6.606 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 84906
Ion Ratio Lower Upper
97 100
83 87.9 70.3 105.5
85 51.9 41.5 62.3
99 65.4 52.3 78.5

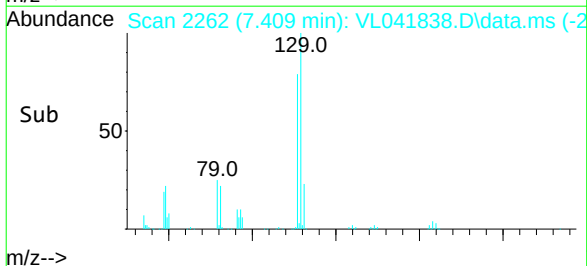
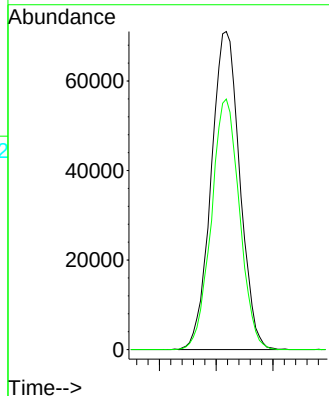
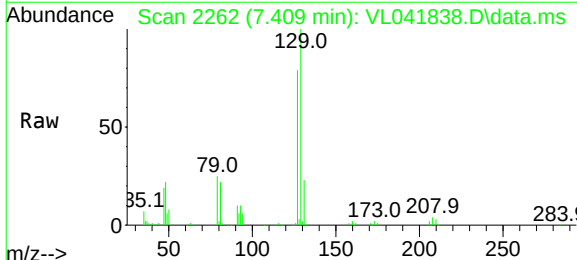
Manual Integrations
APPROVED

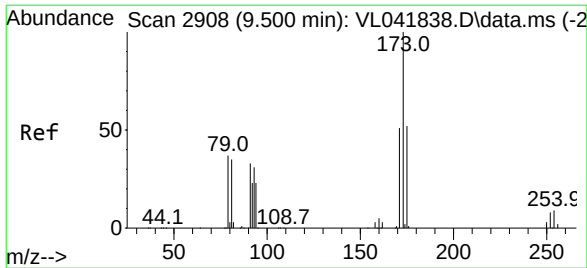
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 10.778 ppbv
RT: 7.409 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

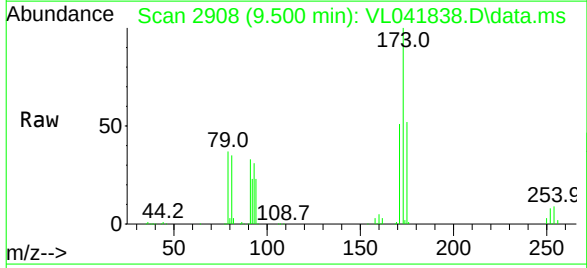
Tgt Ion:129 Resp: 124570
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#49
Bromoform
Concen: 10.982 ppbv
RT: 9.500 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

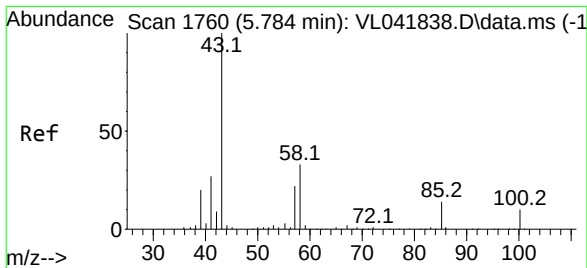
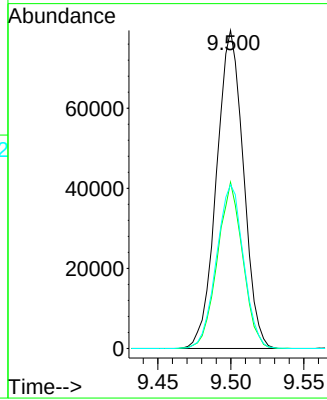
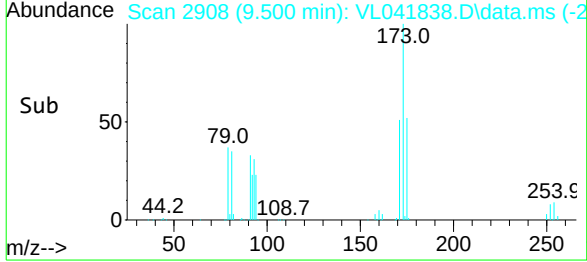
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 173 Resp: 101730
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
171 51.9 41.5 62.3

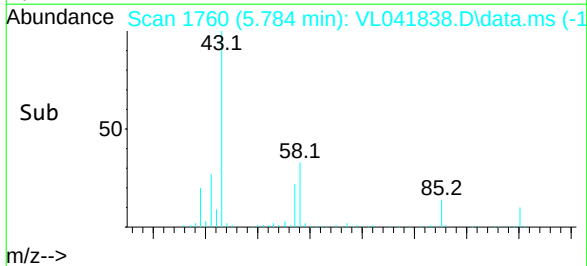
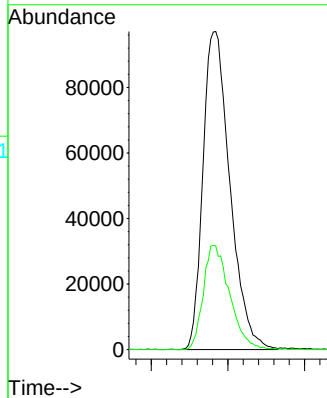
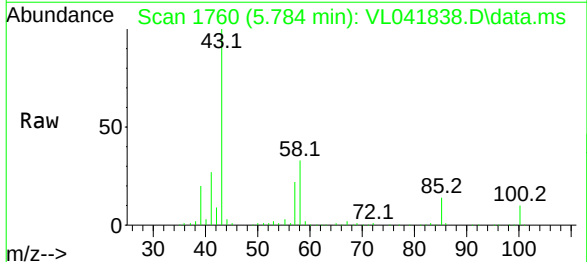
Manual Integrations
APPROVED

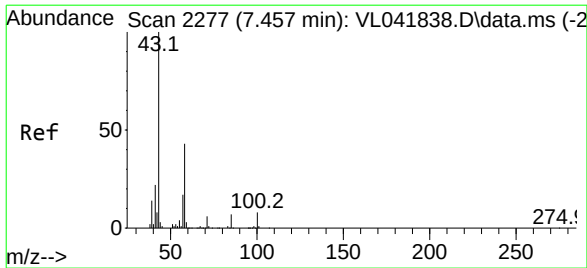
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 11.212 ppbv
RT: 5.784 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

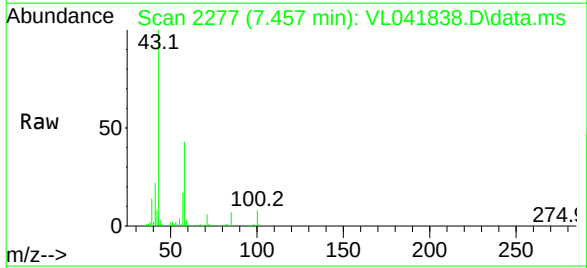
Tgt Ion: 43 Resp: 237056
Ion Ratio Lower Upper
43 100
58 32.0 25.6 38.4





#51
2-Hexanone
Concen: 11.921 ppbv
RT: 7.457 min Scan# 2277
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

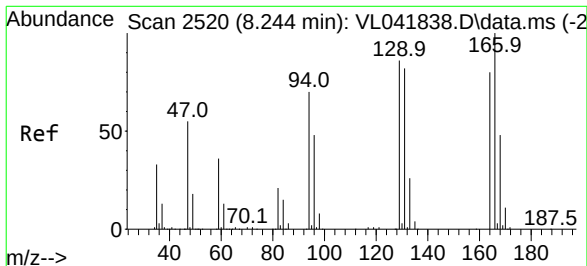
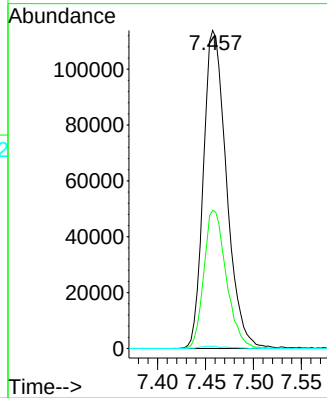
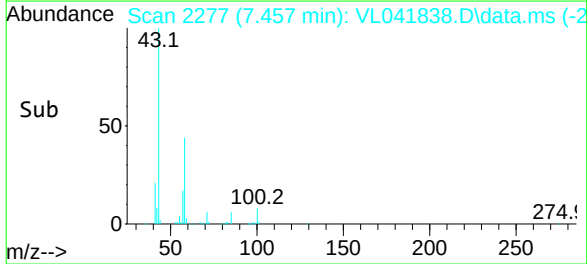
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



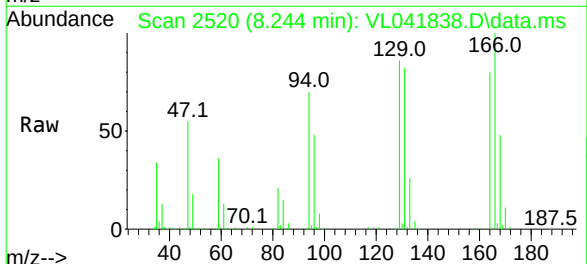
Tgt Ion: 43 Resp: 190925
Ion Ratio Lower Upper
43 100
58 42.3 33.8 50.8
98 0.9 0.7 1.1

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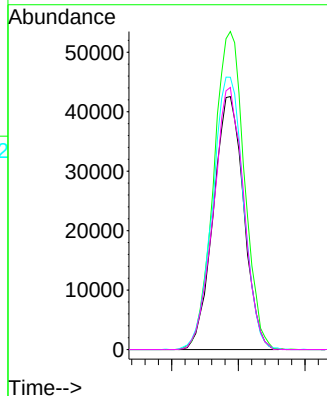
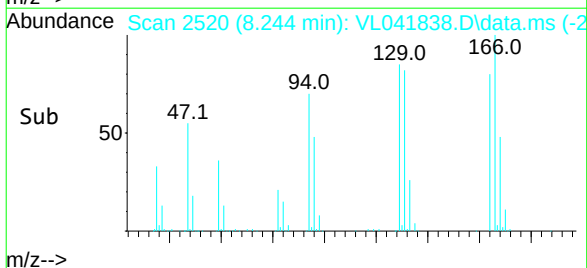
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

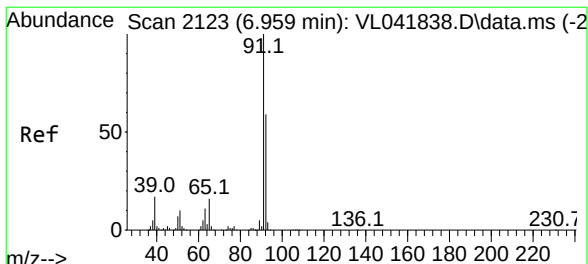


#52
Tetrachloroethene
Concen: 10.236 ppbv
RT: 8.244 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18



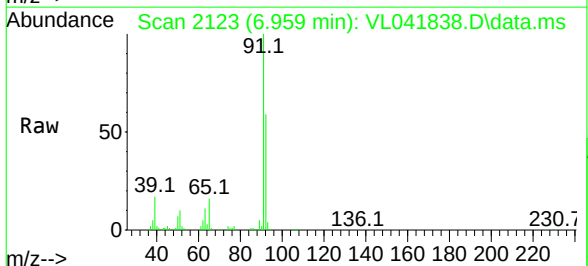
Tgt Ion:164 Resp: 67367
Ion Ratio Lower Upper
164 100
166 125.5 100.4 150.6
129 107.4 85.9 128.9
131 103.5 82.8 124.2





#53
Toluene
Concen: 11.464 ppbv
RT: 6.959 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

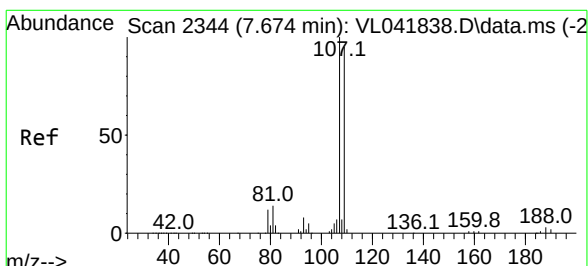
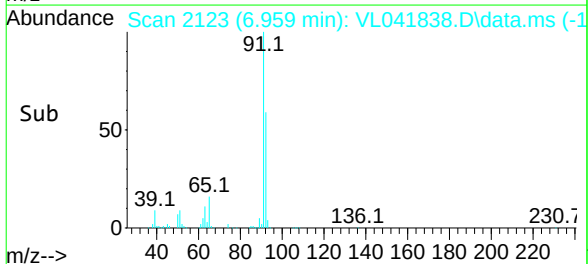
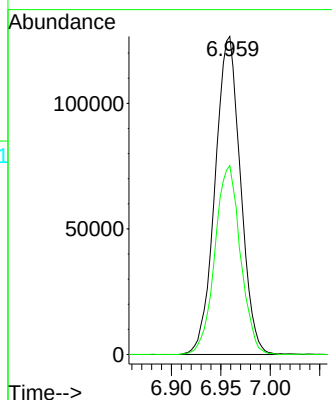
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 91 Resp: 226694
Ion Ratio Lower Upper
91 100
92 59.7 47.8 71.6

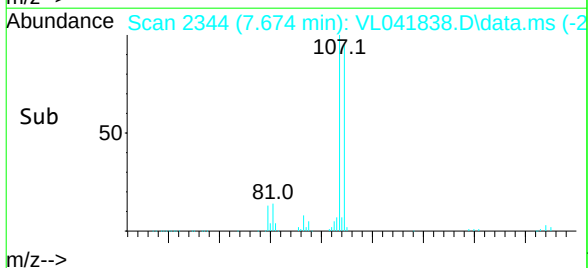
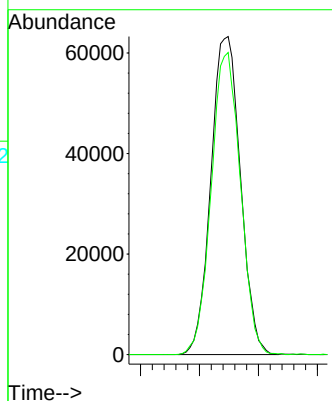
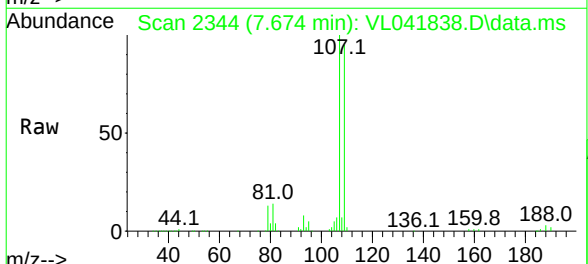
Manual Integrations
APPROVED

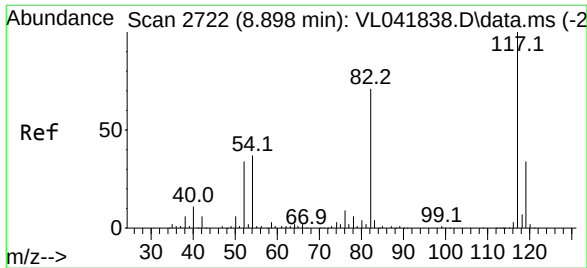
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#54
1,2-Dibromoethane
Concen: 9.910 ppbv
RT: 7.674 min Scan# 2344
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

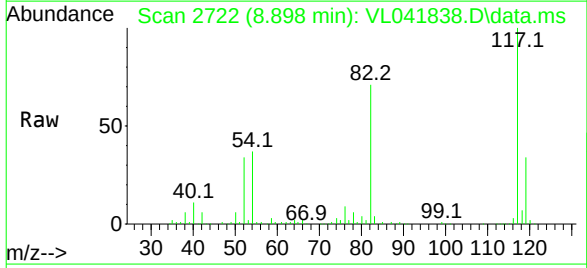
Tgt Ion:107 Resp: 110192
Ion Ratio Lower Upper
107 100
109 94.9 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

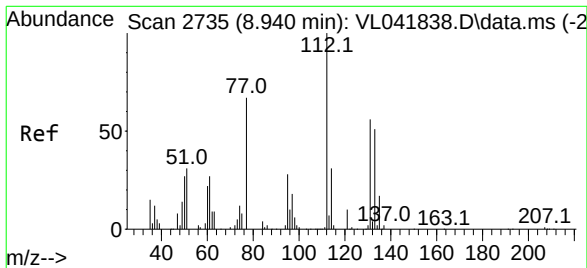
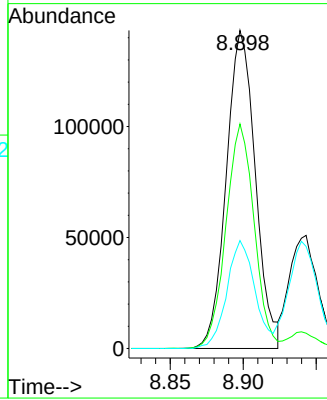
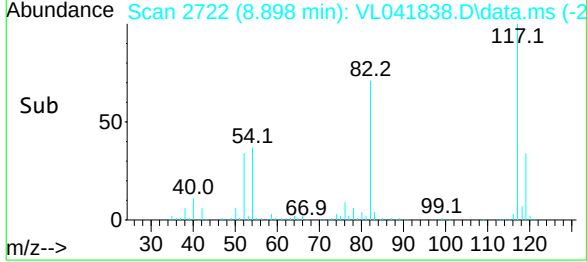
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 198376
Ion Ratio Lower Upper
117 100
82 73.9 59.1 88.7
119 34.1 27.3 40.9

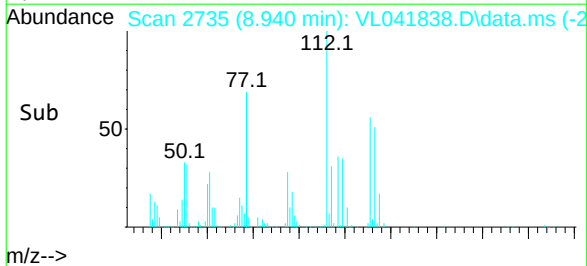
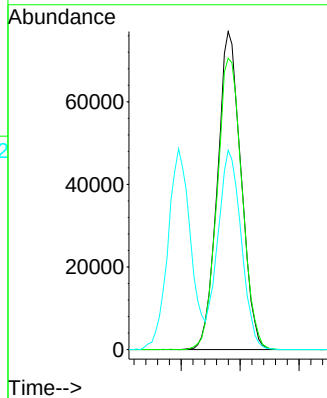
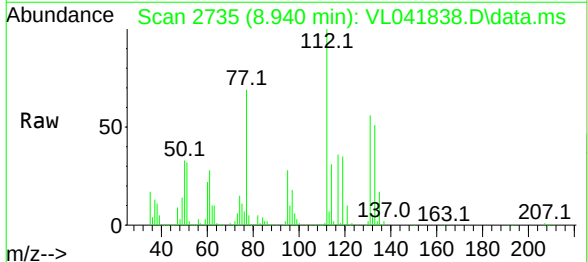
Manual Integrations
APPROVED

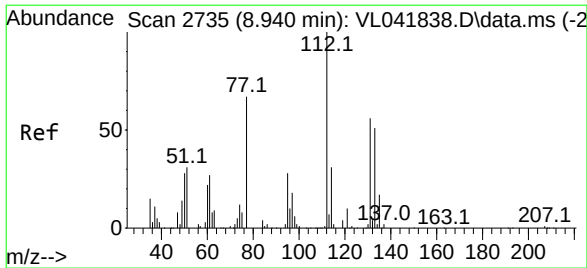
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.488 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

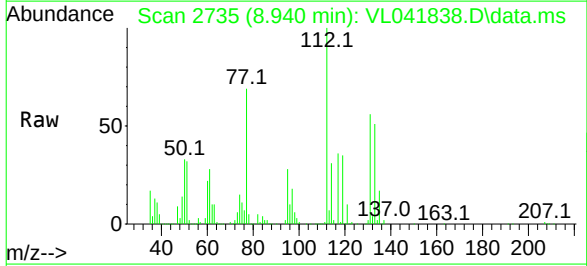
Tgt Ion:131 Resp: 107276
Ion Ratio Lower Upper
131 100
133 96.6 77.3 115.9
119 63.3 50.6 76.0





#57
Chlorobenzene
Concen: 9.352 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

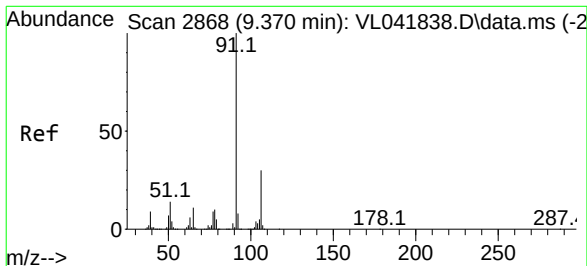
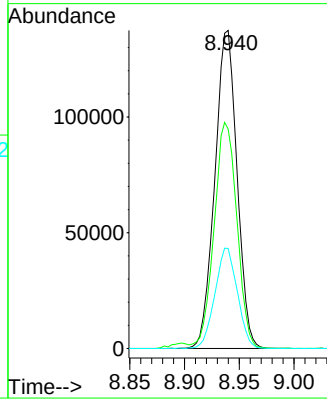
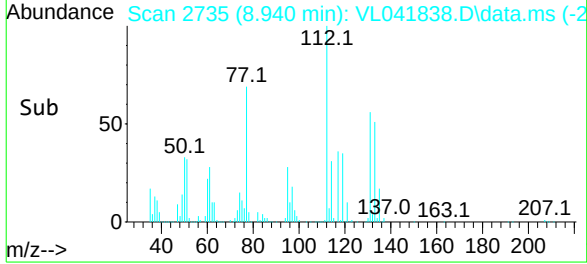
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 193822
Ion Ratio Lower Upper
112 100
77 68.9 55.1 82.7
114 31.4 28.3 34.5

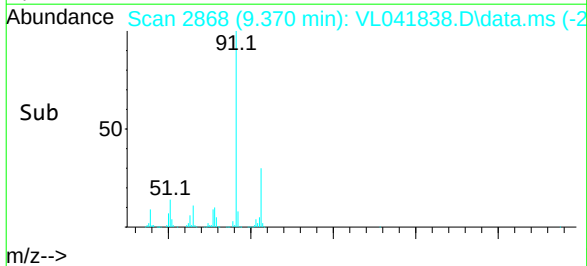
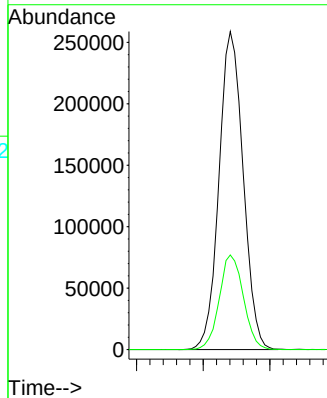
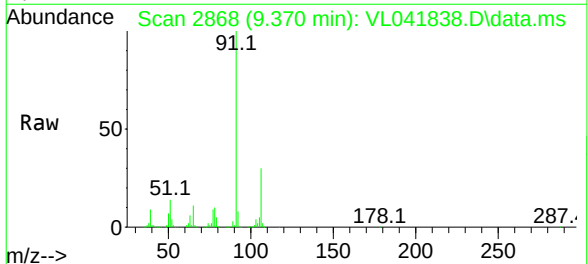
Manual Integrations
APPROVED

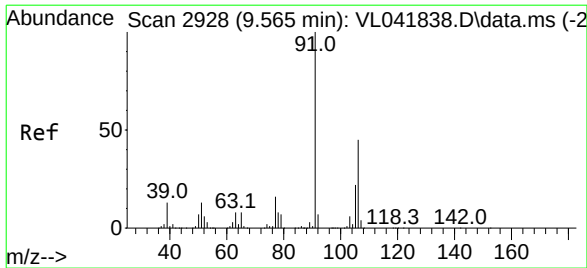
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 12.052 ppbv
RT: 9.370 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 91 Resp: 325850
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8





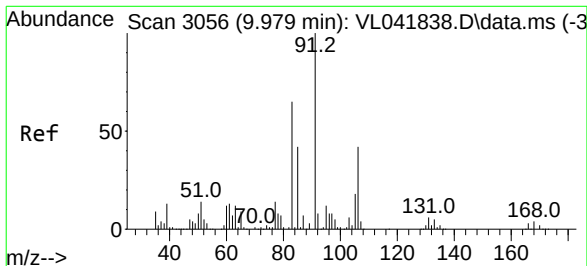
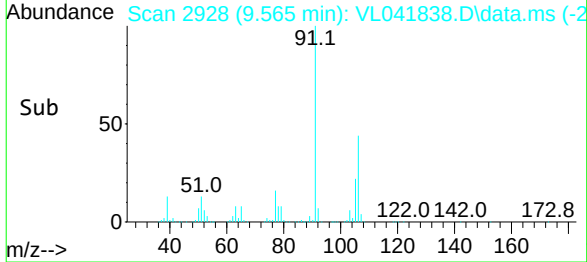
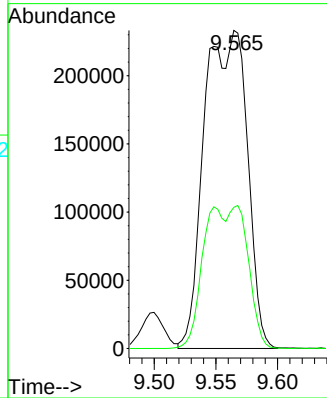
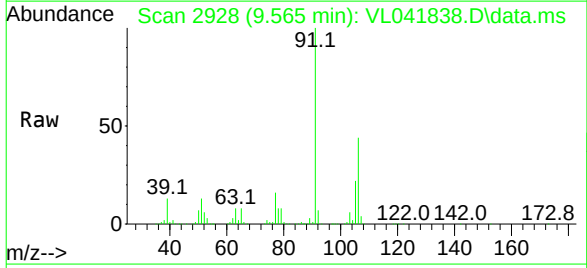
#59
m/p-Xylene
Concen: 23.662 ppbv m
RT: 9.565 min Scan# 2928
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 564976
Ion Ratio Lower Upper
91 100
106 45.9 36.7 55.1

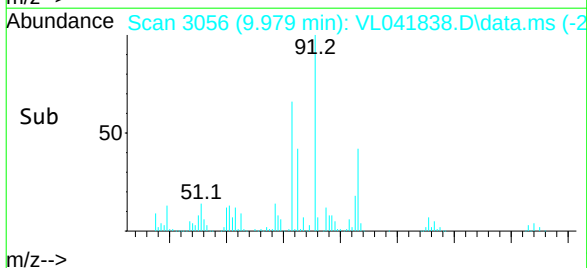
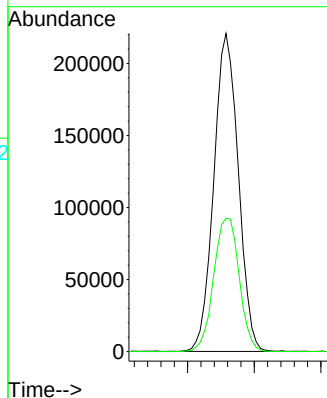
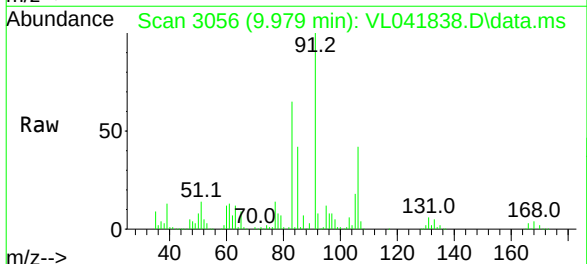
Manual Integrations
APPROVED

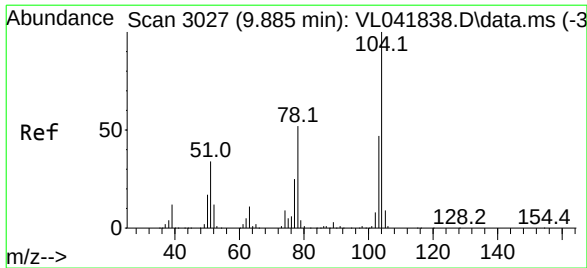
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 12.136 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 91 Resp: 281728
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





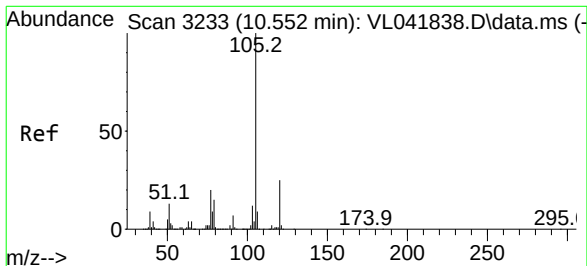
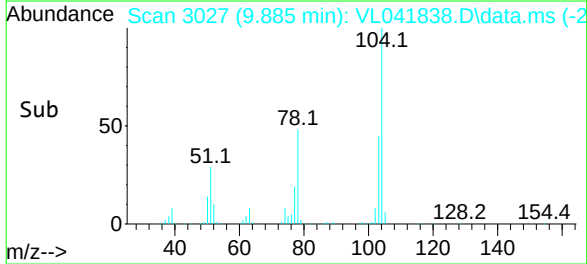
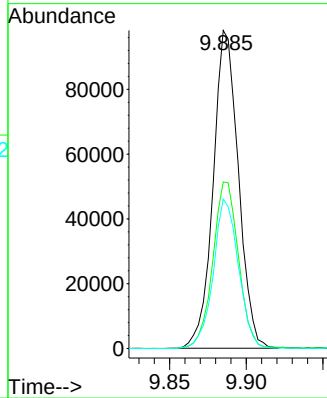
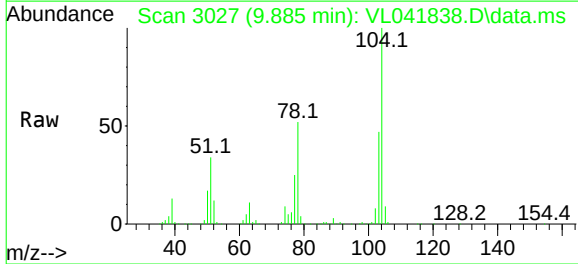
#61
Styrene
Concen: 12.495 ppbv
RT: 9.885 min Scan# 3027
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 112526
Ion Ratio Lower Upper
104 100
78 53.4 42.7 64.1
103 47.2 37.8 56.6

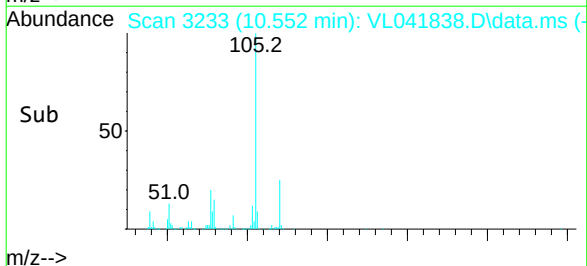
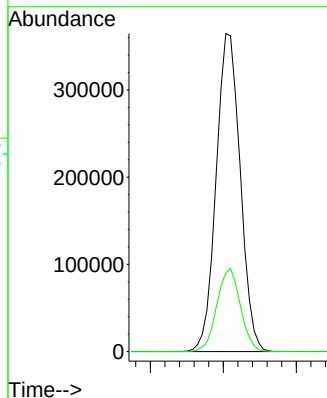
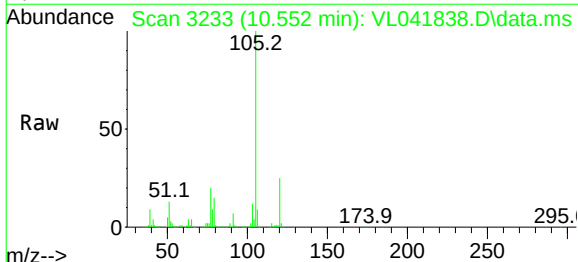
Manual Integrations
APPROVED

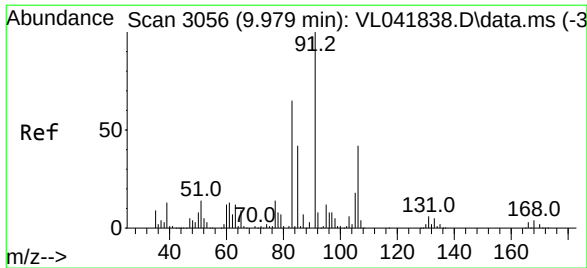
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#62
Isopropylbenzene
Concen: 11.452 ppbv
RT: 10.552 min Scan# 3233
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion:105 Resp: 417672
Ion Ratio Lower Upper
105 100
120 25.5 20.4 30.6





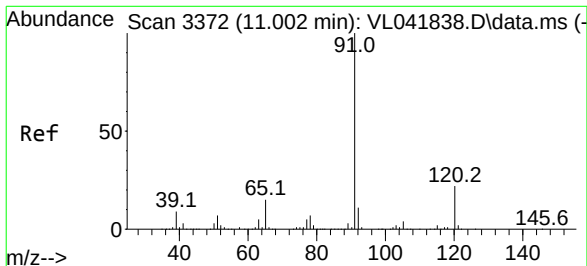
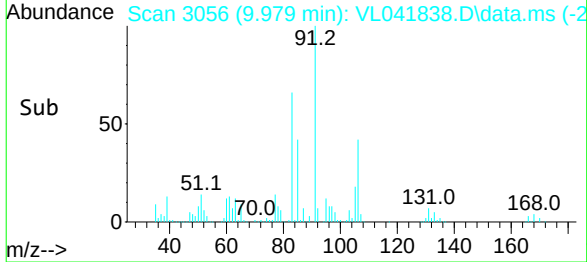
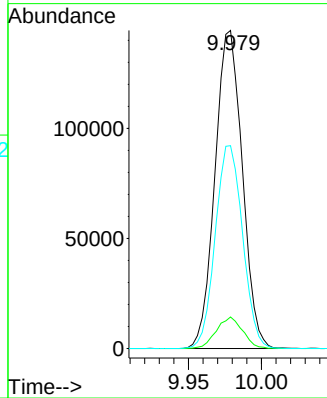
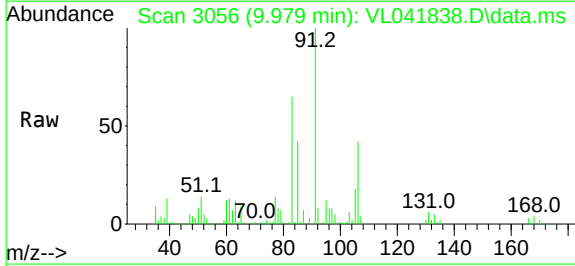
#63
1,1,2,2-Tetrachloroethane
Concen: 9.238 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument : MSVOA_L
ClientSampleId : VSTDICCC010

Tgt Ion: 83 Resp: 188048
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 63.9 31.9 95.9

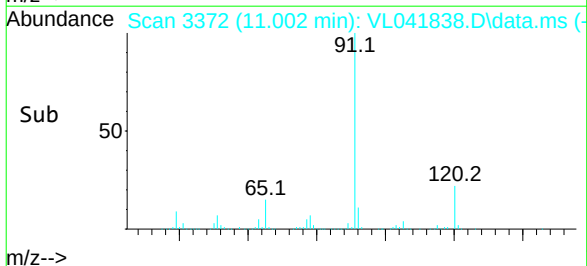
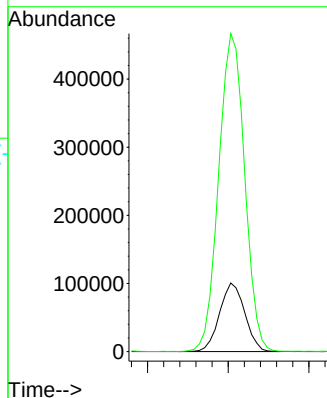
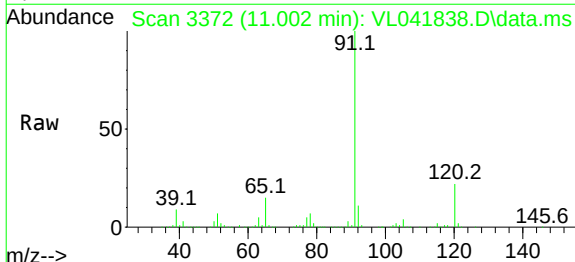
Manual Integrations
APPROVED

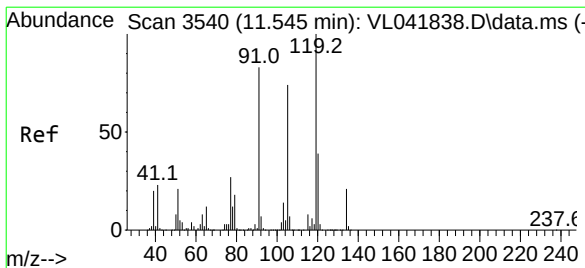
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#64
n-propylbenzene
Concen: 11.684 ppbv
RT: 11.002 min Scan# 3372
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

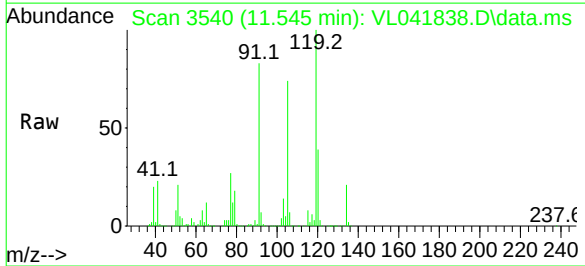
Tgt Ion:120 Resp: 109323
Ion Ratio Lower Upper
120 100
91 477.6 382.1 573.1





#65
tert-Butylbenzene
Concen: 11.438 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

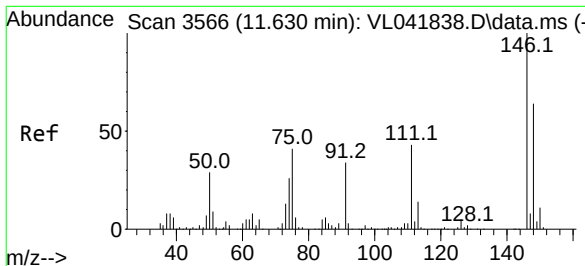
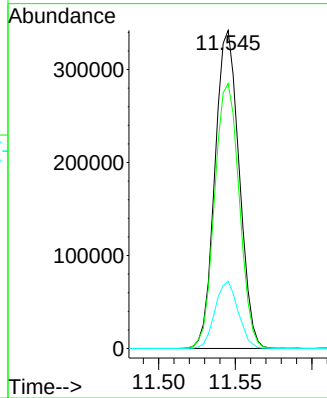
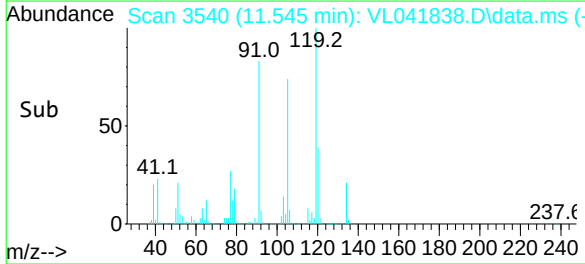
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 375903
Ion Ratio Lower Upper
119 100
91 85.0 68.0 102.0
134 20.3 16.2 24.4

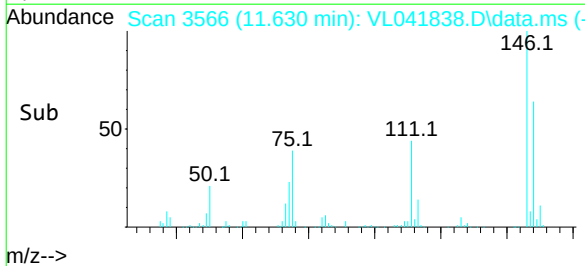
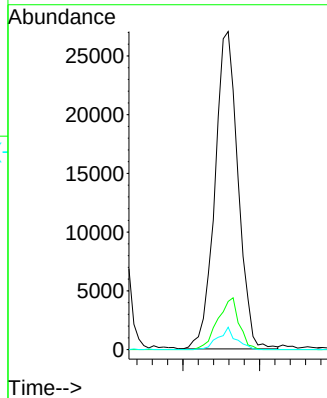
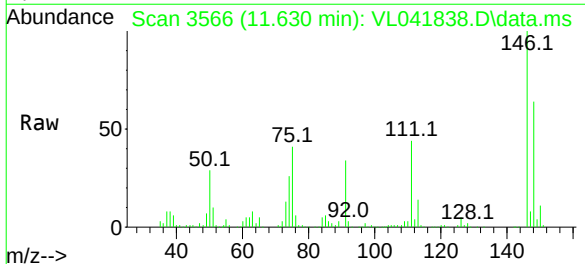
Manual Integrations
APPROVED

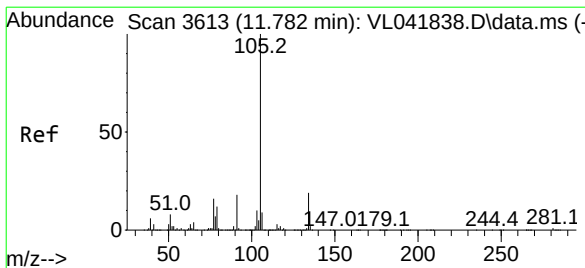
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#66
Benzyl Chloride
Concen: 10.329 ppbv
RT: 11.630 min Scan# 3566
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion: 91 Resp: 28370
Ion Ratio Lower Upper
91 100
126 15.1 12.1 18.1
128 5.4 4.3 6.5





#67

sec-Butylbenzene

Concen: 11.295 ppbv

RT: 11.782 min Scan# 3613

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 105 Resp: 541663

Ion Ratio Lower Upper

105 100

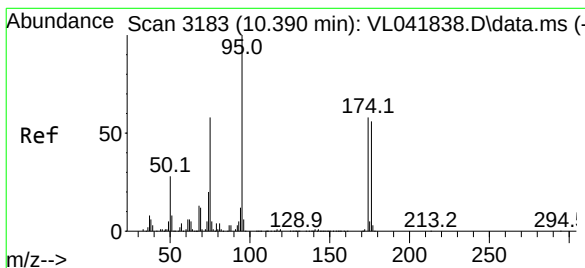
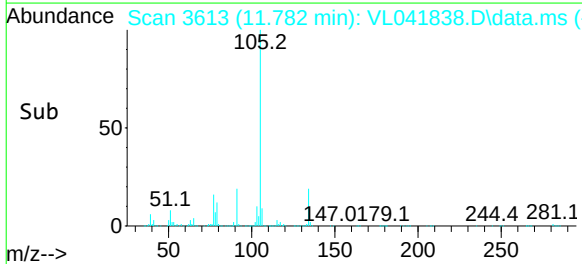
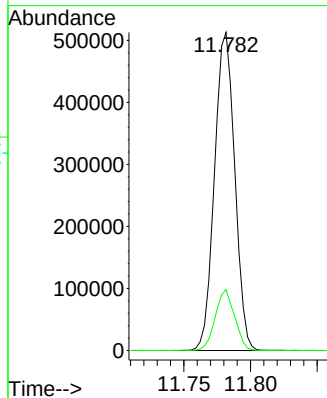
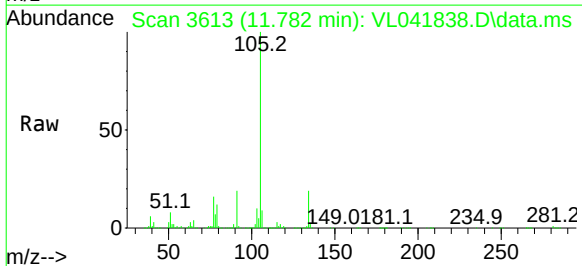
134 18.3 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.487 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

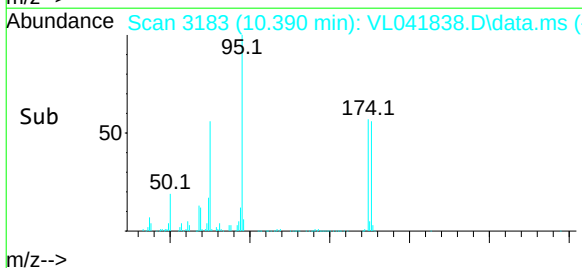
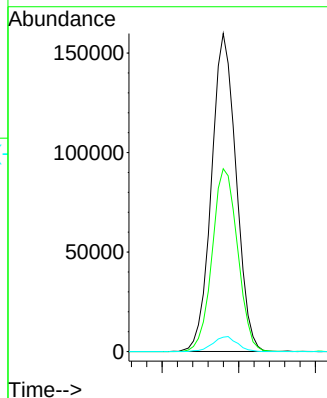
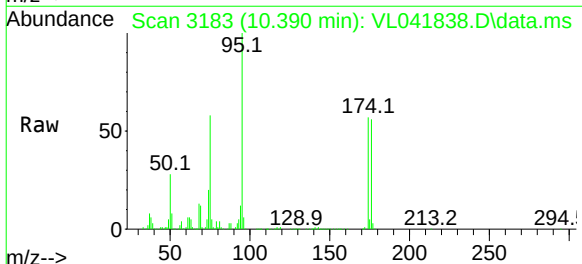
Tgt Ion: 95 Resp: 178169

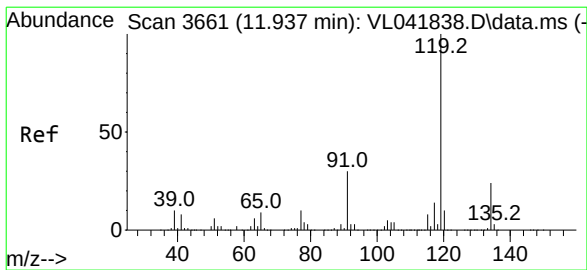
Ion Ratio Lower Upper

95 100

174 59.5 47.6 71.4

175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 11.935 ppbv

RT: 11.937 min Scan# 3661

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

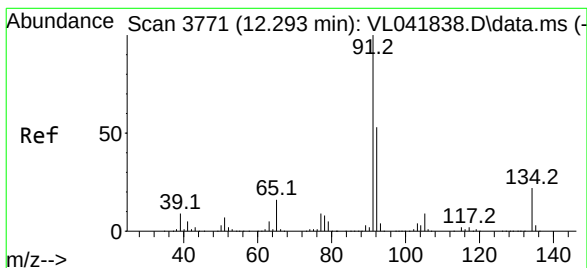
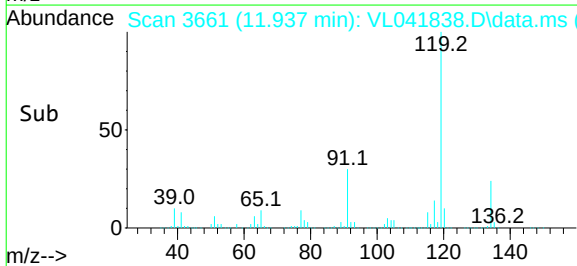
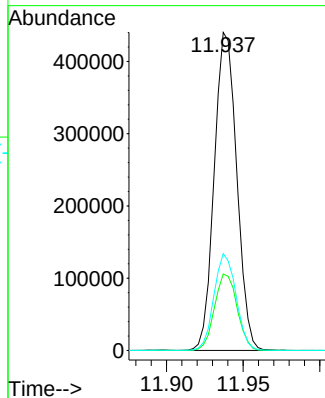
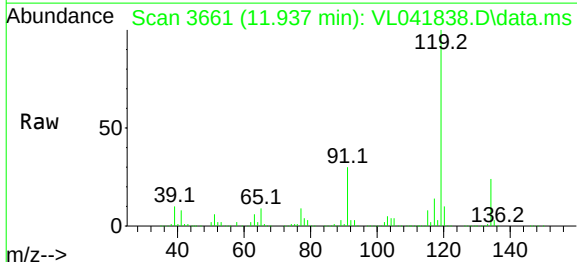
VSTDICCC010

Tgt Ion:	119	Resp:	449331
Ion	Ratio	Lower	Upper
119	100		
134	24.3	19.4	29.2
91	30.0	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: 11.762 ppbv

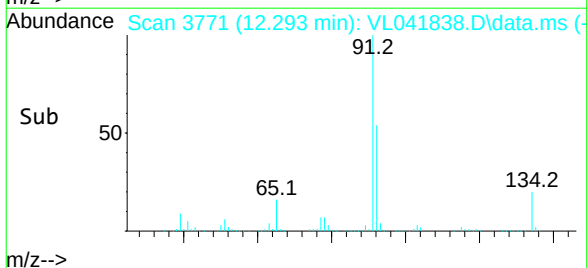
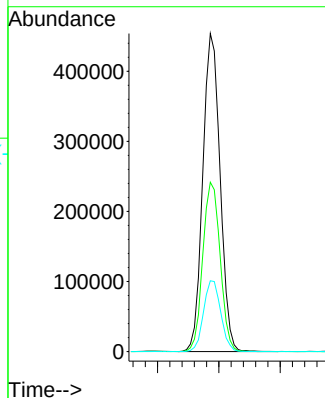
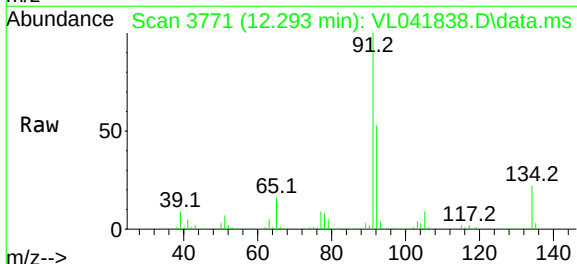
RT: 12.293 min Scan# 3771

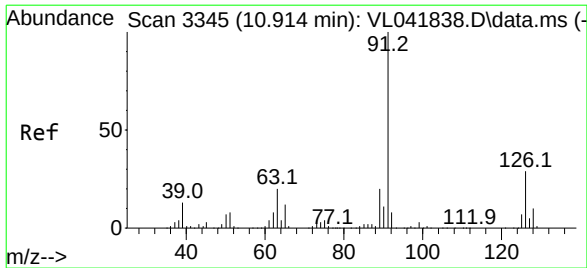
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion:	91	Resp:	444870
Ion	Ratio	Lower	Upper
91	100		
92	53.5	42.8	64.2
134	22.2	17.8	26.6





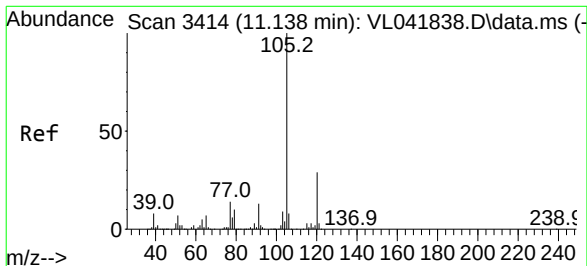
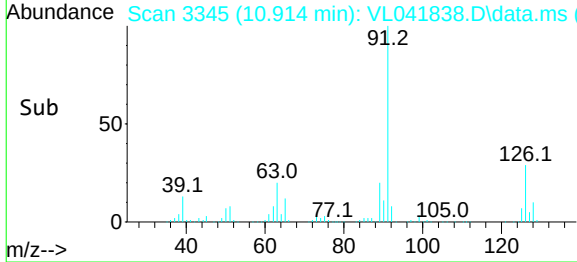
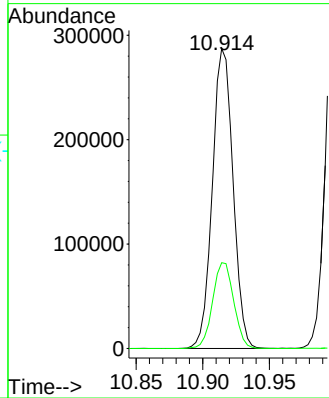
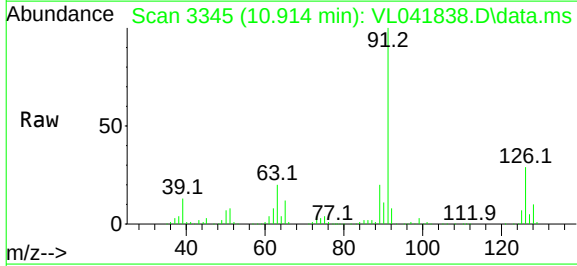
#71
2-Chlorotoluene
Concen: 11.712 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 310040
Ion Ratio Lower Upper
91 100
126 29.1 11.6 46.6

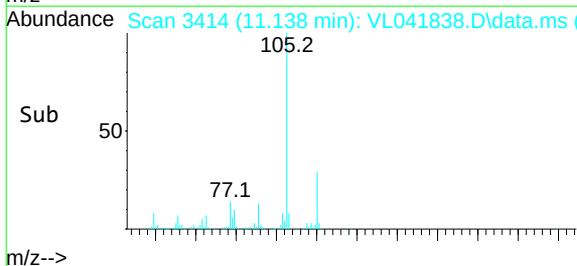
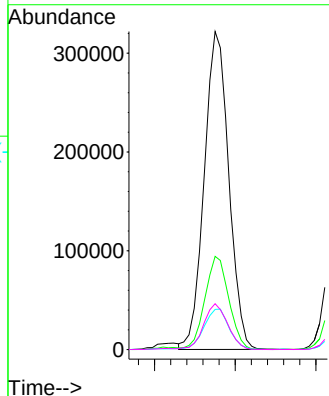
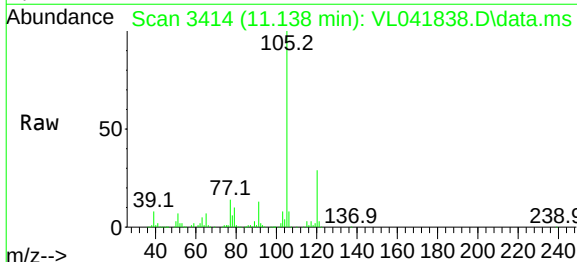
Manual Integrations
APPROVED

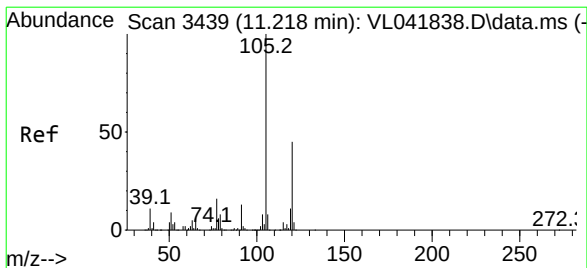
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#72
4-Ethyltoluene
Concen: 12.100 ppbv
RT: 11.138 min Scan# 3414
Delta R.T. 0.000 min
Lab File: VL041838.D
Acq: 07 Jan 2025 09:18

Tgt Ion:105 Resp: 339692
Ion Ratio Lower Upper
105 100
120 29.3 23.4 35.2
91 13.5 10.8 16.2
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 11.894 ppbv

RT: 11.218 min Scan# 3439

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

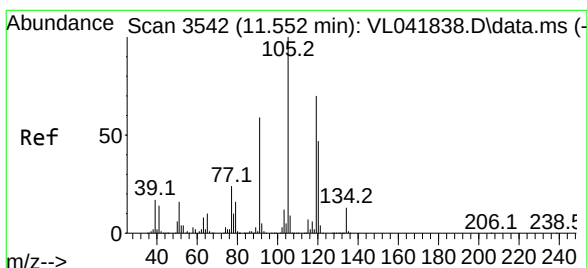
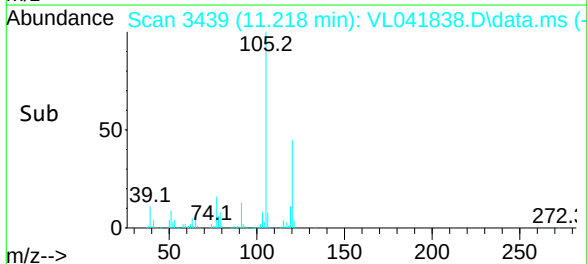
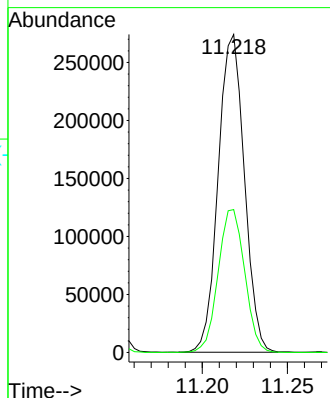
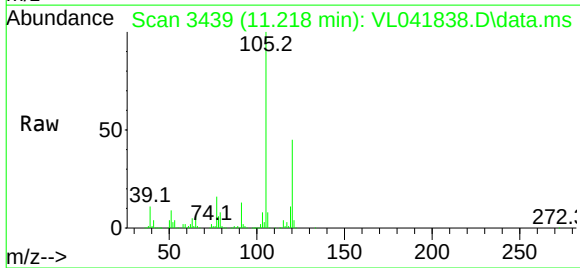
VSTDICCC010

Tgt Ion:	105	Resp:	292453
Ion Ratio	Lower	Upper	
105	100		
120	44.9	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: 11.455 ppbv

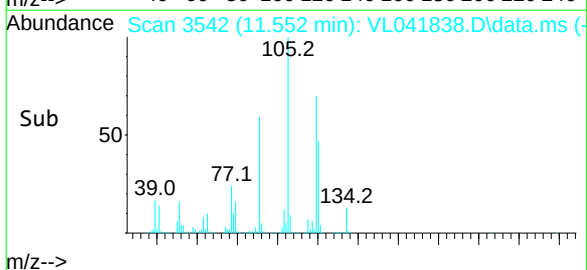
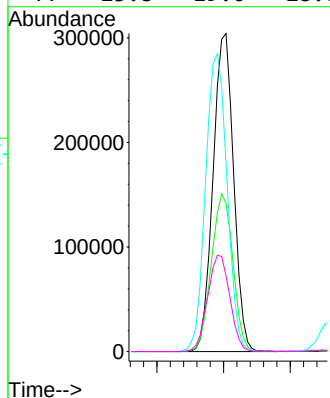
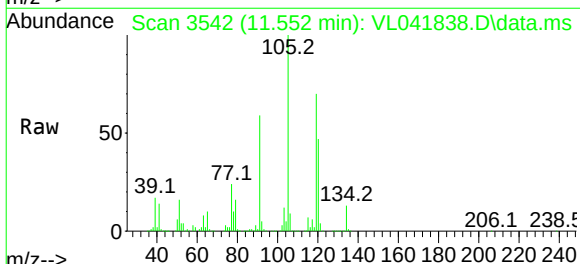
RT: 11.552 min Scan# 3542

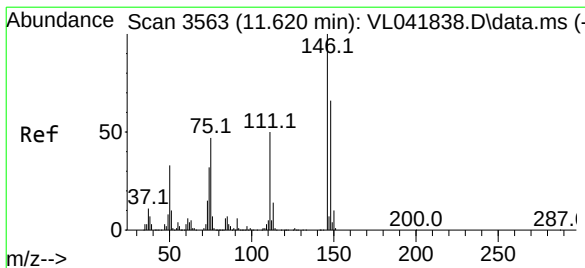
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion:	105	Resp:	326247
Ion Ratio	Lower	Upper	
105	100		
120	46.7	37.4	56.0
91	59.3	47.4	71.2
77	23.8	19.0	28.6





#75

1,3-Dichlorobenzene

Concen: 9.880 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

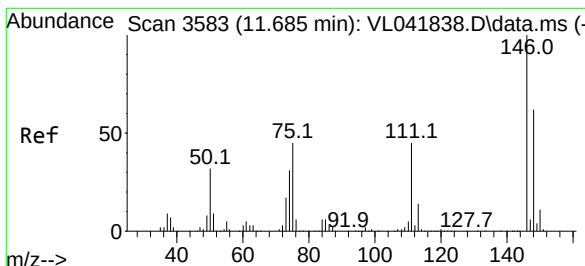
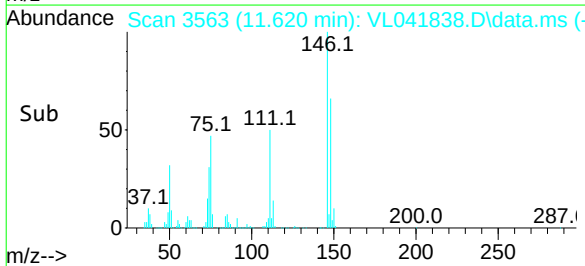
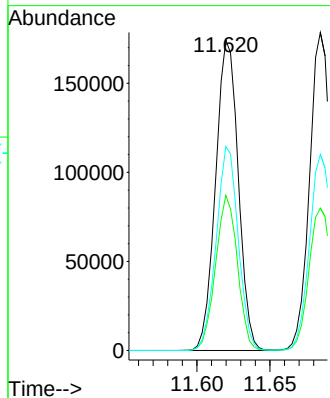
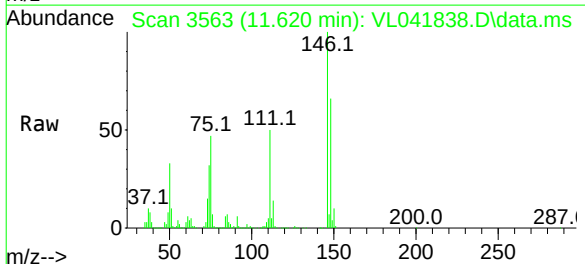
VSTDICCC010

Tgt Ion:	146	Resp:	188321
Ion Ratio	Lower	Upper	
146	100		
111	48.1	24.1	72.2
148	64.0	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: 10.164 ppbv

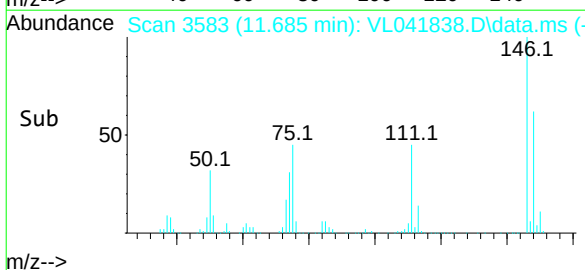
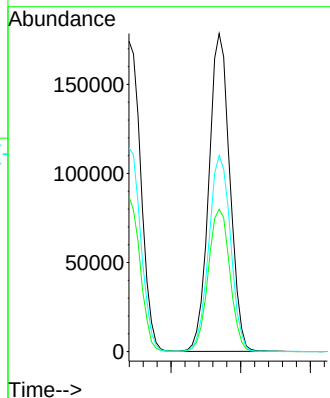
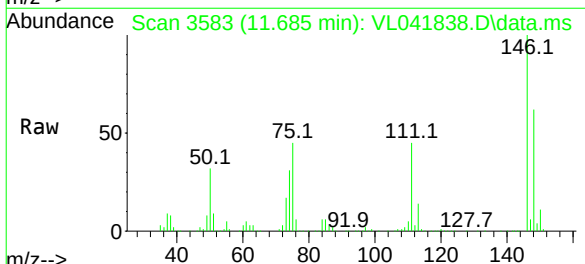
RT: 11.685 min Scan# 3583

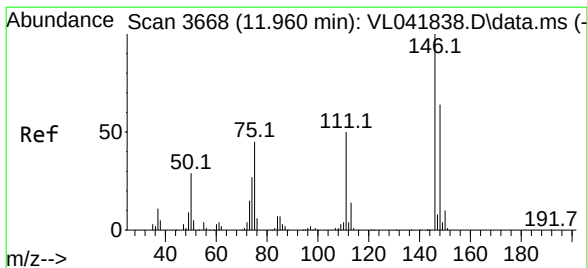
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion:	146	Resp:	186446
Ion Ratio	Lower	Upper	
146	100		
111	46.4	23.2	69.6
148	64.2	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 9.347 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

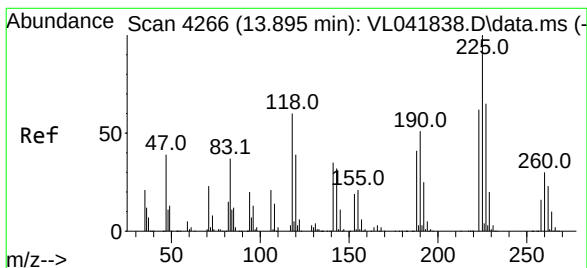
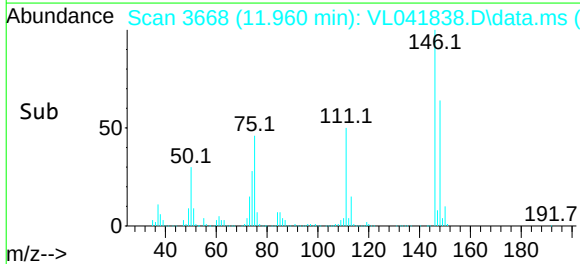
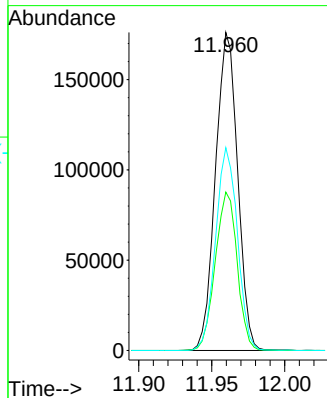
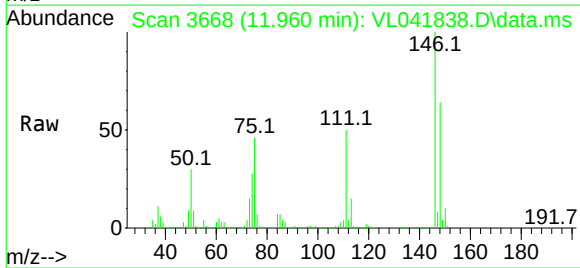
VSTDICCC010

Tgt Ion:	146	Resp:	185674
Ion Ratio	Lower	Upper	
146	100		
111	49.4	24.7	74.1
148	63.0	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: 8.523 ppbv

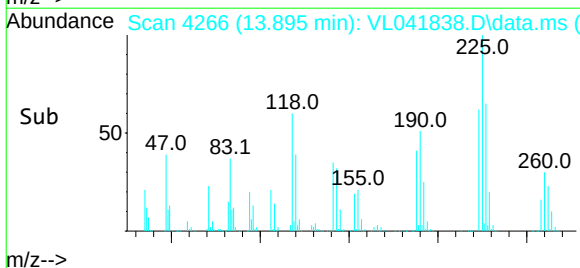
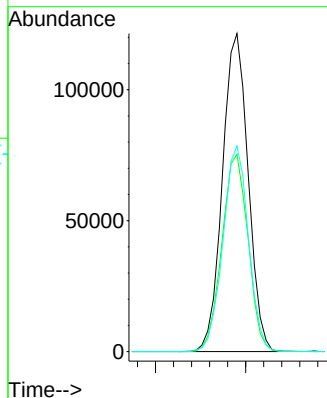
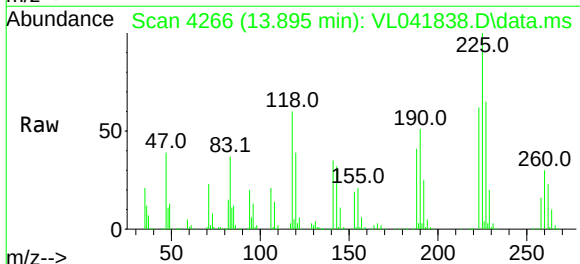
RT: 13.895 min Scan# 4266

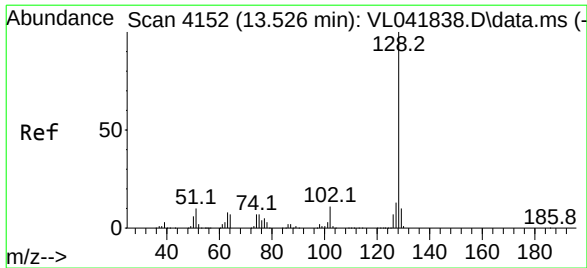
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion:	225	Resp:	120191
Ion Ratio	Lower	Upper	
225	100		
223	63.0	50.4	75.6
227	64.0	51.2	76.8





#79

Naphthalene

Concen: 12.698 ppbv

RT: 13.526 min Scan# 4152

Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

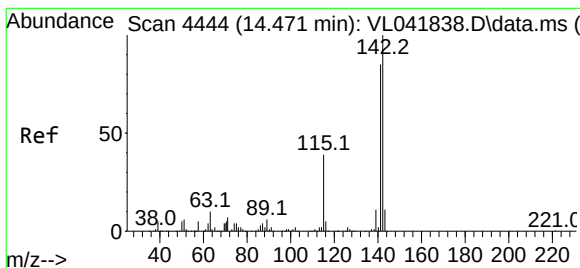
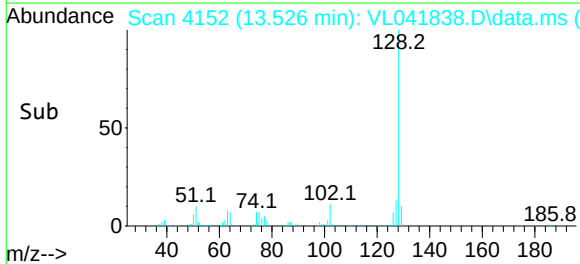
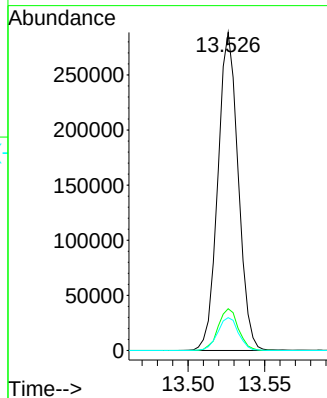
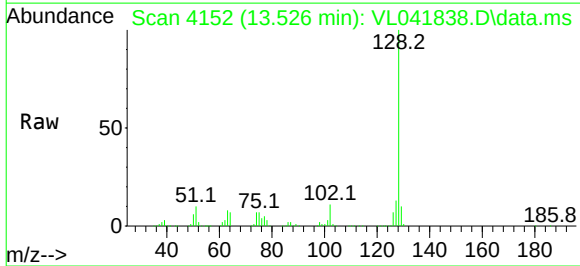
VSTDICCC010

Tgt Ion:	128	Resp:	266396
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.3	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: 10.182 ppbv

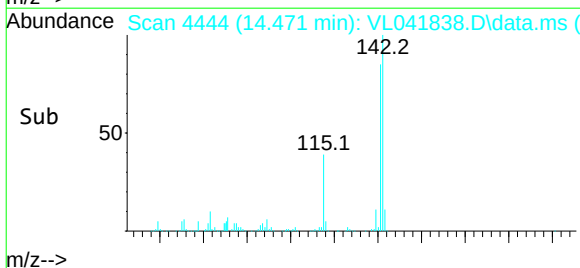
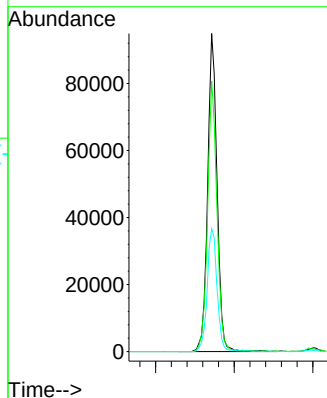
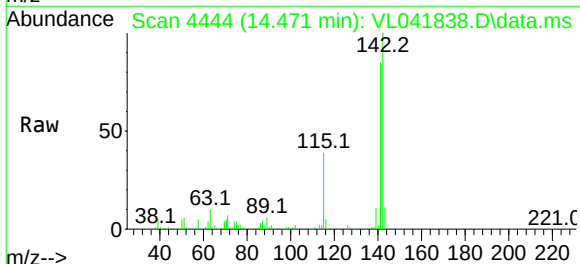
RT: 14.471 min Scan# 4444

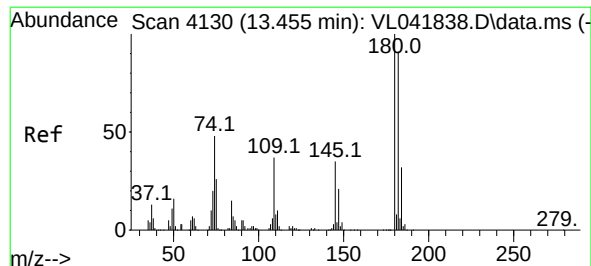
Delta R.T. 0.000 min

Lab File: VL041838.D

Acq: 07 Jan 2025 09:18

Tgt Ion:	142	Resp:	79067
Ion	Ratio	Lower	Upper
142	100		
141	84.8	67.8	101.8
115	40.7	32.6	48.8





#81

1,2,4-Trichlorobenzene

Concen: 10.148 ppbv

RT: 13.455 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041838.D

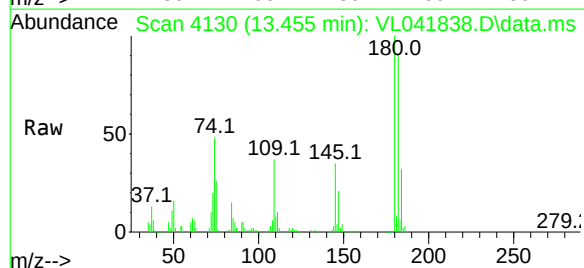
Acq: 07 Jan 2025 09:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 118002

Ion Ratio Lower Upper

180 100

182 94.9 75.9 113.9

184 31.0 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025

