

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041841.D
 Acq On : 07 Jan 2025 10:52
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Jan 08 01:21:59 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	90228	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	210692	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	175693	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.390	95	149231	9.917	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	8282	0.559	ppbv	99
3) Chlorodifluoromethane	1.479	51	7858	0.555	ppbv	97
4) Chloromethane	1.538	50	3343	0.549	ppbv	92
5) Vinyl Chloride	1.583	62	3086	0.503	ppbv	90
6) Bromomethane	1.673	94	1453	0.552	ppbv	96
7) Chloroethane	1.709	64	1413	0.598	ppbv	93
8) Dichlorotetrafluoroethane	1.560	85	6936	0.543	ppbv	99
9) Propene	1.489	41	2570	0.522	ppbv	87
10) Heptane	5.004	43	4633m	0.381	ppbv	
11) Trichlorofluoromethane	1.884	101	8242	0.547	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.146	101	6155	0.549	ppbv	96
13) Ethanol	1.725	45	662	1.169	ppbv	95
14) Bromoethene	1.787	108	1897	0.517	ppbv #	84
15) Acetone	1.842	43	10484	0.631	ppbv	97
16) 1,3-Butadiene	1.615	39	3795	0.583	ppbv	86
17) tert-Butyl alcohol	2.052	59	7735	0.537	ppbv	98
18) 1,1-Dichloroethene	2.042	96	2555	0.544	ppbv	92
19) Isopropyl Alcohol	1.894	45	5026	0.645	ppbv #	95
20) Methylene Chloride	2.068	84	3053	0.643	ppbv	92
21) Allyl Chloride	2.104	41	4272	0.499	ppbv	86
22) trans-1,2-Dichloroethene	2.350	96	2791	0.532	ppbv #	79
23) Vinyl Acetate	2.470	43	2406m	0.452	ppbv	
24) 1,1-Dichloroethane	2.418	63	6246	0.544	ppbv	96
25) Ethyl Acetate	2.852	43	12851	0.461	ppbv	97
26) Hexane	2.835	57	4350	0.450	ppbv	86
27) Carbon Disulfide	2.159	76	4312	0.470	ppbv #	1
28) Methyl tert-Butyl Ether	2.450	73	4116	0.565	ppbv	91
29) Chloroform	2.858	83	9887	0.550	ppbv	92
30) Cyclohexane	3.871	84	3038m	0.414	ppbv	
31) cis-1,2-Dichloroethene	2.729	61	4773	0.480	ppbv	94
32) 1,1,1-Trichloroethane	3.382	97	8151	0.501	ppbv	97
34) 2-Butanone	2.570	43	8647	0.521	ppbv	97
35) Carbon Tetrachloride	3.784	117	7956	0.500	ppbv	88
36) Benzene	3.674	78	9795	0.487	ppbv	95
37) 1,2-Dichloroethane	3.230	62	6918	0.523	ppbv #	95
38) Trichloroethene	4.570	130	3763	0.477	ppbv #	85
39) 1,2-Dichloropropane	4.331	63	4076	0.524	ppbv	97
40) 1,4-Dioxane	4.629	88	1225m	0.406	ppbv	
41) Tetrahydrofuran	3.075	42	3545m	0.453	ppbv	
42) Bromodichloromethane	4.512	83	7678m	0.495	ppbv	
43) Methyl Methacrylate	4.900	69	2537m	0.401	ppbv	
44) 2,2,4-Trimethylpentane	4.661	57	13710	0.413	ppbv #	89
45) t-1,3-Dichloropropene	6.438	75	2941m	0.477	ppbv	

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Instrument :
 MSVOA_L
 ClientSampleId :
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Manual Integrations
 APPROVED

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

Quant Time: Jan 08 01:21:59 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	5.629	75	3526m	0.434	ppbv	
47) 1,1,2-Trichloroethane	6.606	97	4392m	0.533	ppbv	
48) Dibromochloromethane	7.409	129	4575m	0.436	ppbv	
49) Bromoform	9.496	173	3639	0.433	ppbv	99
50) 4-Methyl-2-Pentanone	5.797	43	7670m	0.400	ppbv	
51) 2-Hexanone	7.467	43	5557m	0.383	ppbv	
52) Tetrachloroethene	8.244	164	3227m	0.541	ppbv	
53) Toluene	6.962	91	6897m	0.385	ppbv	
54) 1,2-Dibromoethane	7.681	107	4885m	0.484	ppbv	
56) 1,1,1,2-Tetrachloroethane	8.940	131	5115	0.511	ppbv #	1
57) Chlorobenzene	8.940	112	9721m	0.530	ppbv	
58) Ethyl Benzene	9.373	91	8814	0.368	ppbv	93
59) m/p-Xylene	9.568	91	14012m	0.663	ppbv	
60) o-Xylene	9.979	91	6551	0.319	ppbv	100
61) Styrene	9.885	104	2777	0.348	ppbv	98
62) Isopropylbenzene	10.552	105	12528	0.388	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.979	83	8924	0.495	ppbv	97
64) n-propylbenzene	10.998	120	2721m	0.328	ppbv	
65) tert-Butylbenzene	11.542	119	9315	0.320	ppbv	100
66) Benzyl Chloride	11.633	91	1242	0.511	ppbv #	91
67) sec-Butylbenzene	11.782	105	14329	0.337	ppbv	100
69) p-Isopropyltoluene	11.940	119	10167	0.305	ppbv	94
70) n-Butylbenzene	12.293	91	10226	0.305	ppbv	98
71) 2-Chlorotoluene	10.914	91	8114	0.346	ppbv	98
72) 4-Ethyltoluene	11.137	105	8065	0.324	ppbv #	97
73) 1,3,5-Trimethylbenzene	11.215	105	7174	0.329	ppbv	89
74) 1,2,4-Trimethylbenzene	11.548	105	7816	0.310	ppbv #	87
75) 1,3-Dichlorobenzene	11.620	146	7704	0.456	ppbv	98
76) 1,4-Dichlorobenzene	11.684	146	7404	0.456	ppbv	99
77) 1,2-Dichlorobenzene	11.960	146	8725	0.496	ppbv	98
78) Hexachloro-1,3-Butadiene	13.895	225	6344	0.508	ppbv	95
79) Naphthalene	13.529	128	6035	0.325	ppbv #	93
80) Naphthalene,2-methyl-	14.471	142	2415	0.351	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	4239	0.412	ppbv	99

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

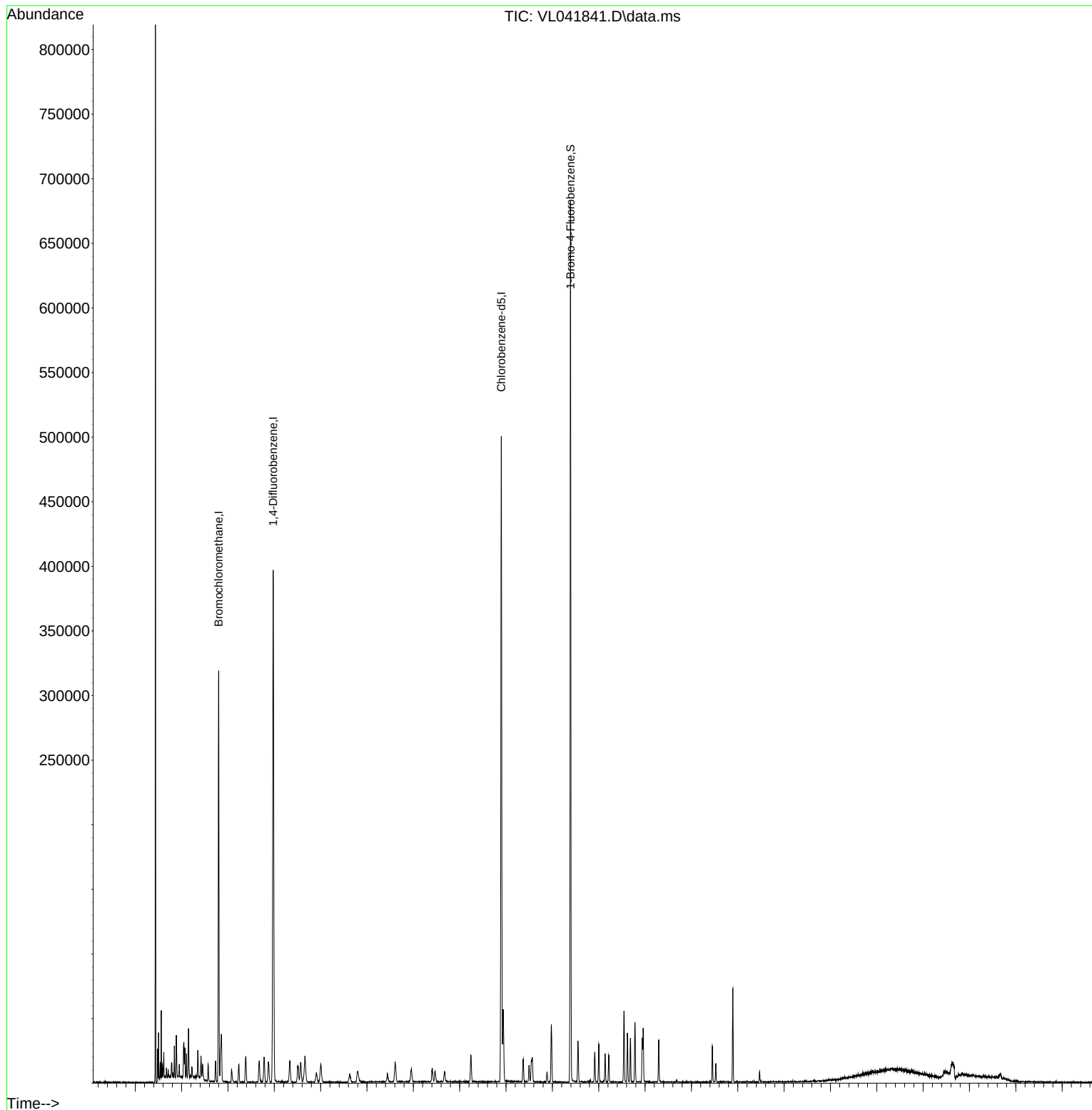
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ALS Vial : 1 Sample Multiplier: 1

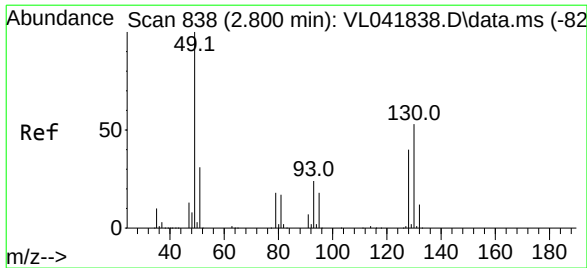
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

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

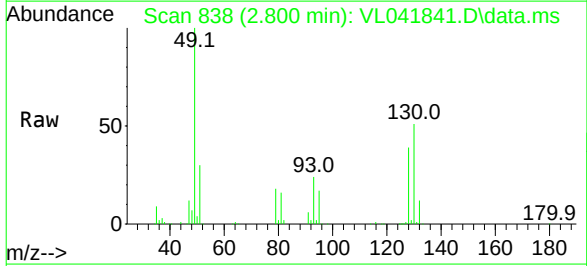
Quant Time: Jan 08 01:21:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Jan 08 01:18:22 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 838
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

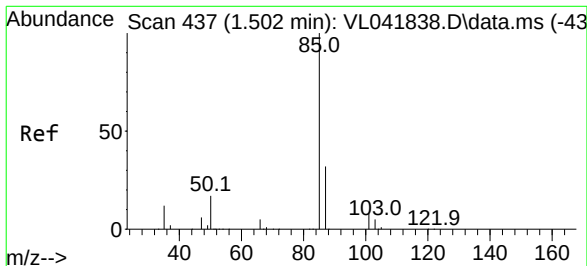
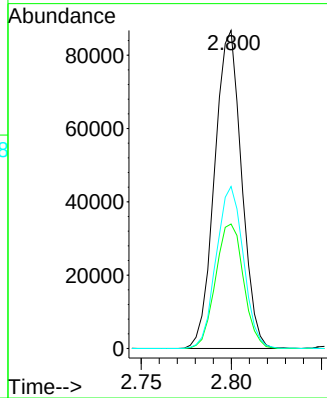
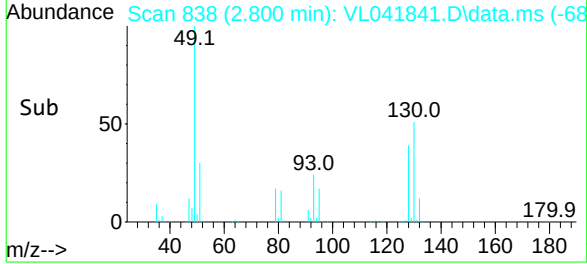
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



Tgt Ion: 49 Resp: 90228
Ion Ratio Lower Upper
49 100
128 40.6 19.7 59.1
130 51.4 26.4 79.2

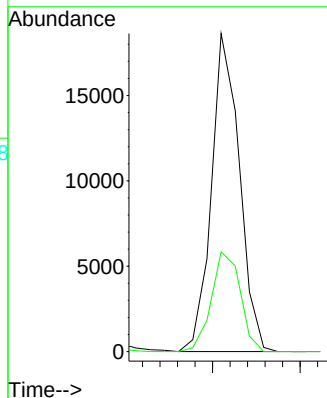
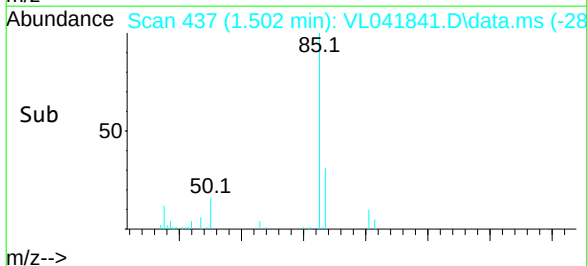
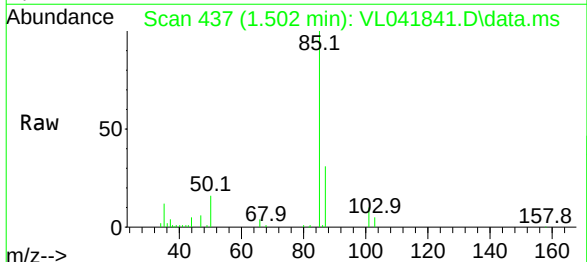
Manual Integrations
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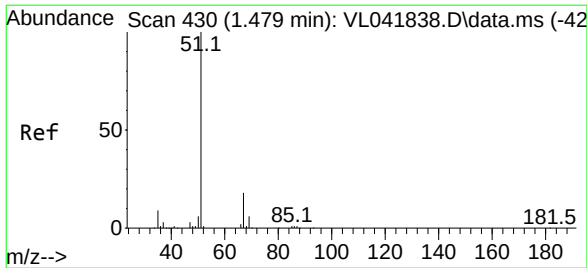
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 0.559 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

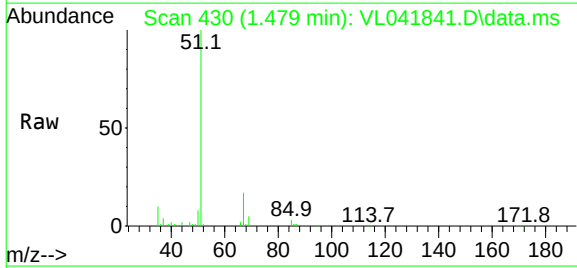
Tgt Ion: 85 Resp: 8282
Ion Ratio Lower Upper
85 100
87 31.4 25.6 38.4





#3
Chlorodifluoromethane
Concen: 0.555 ppbv
RT: 1.479 min Scan# 430
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

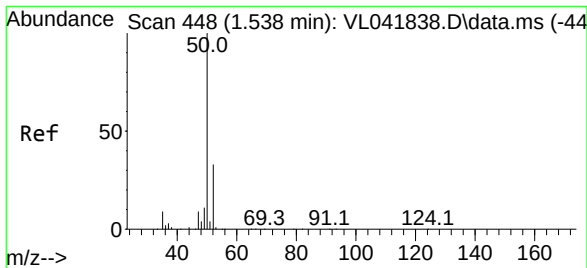
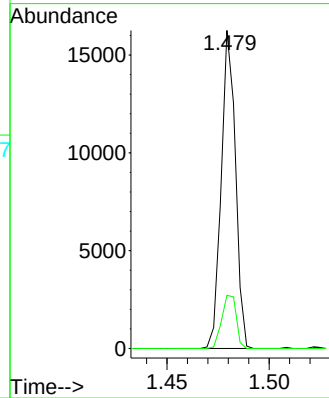
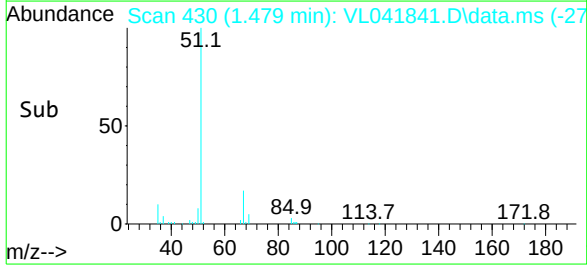
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 7858
Ion Ratio Lower Upper
51 100
67 17.0 14.6 22.0

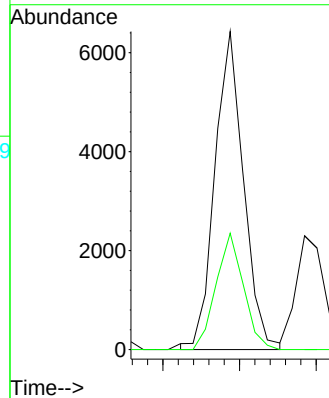
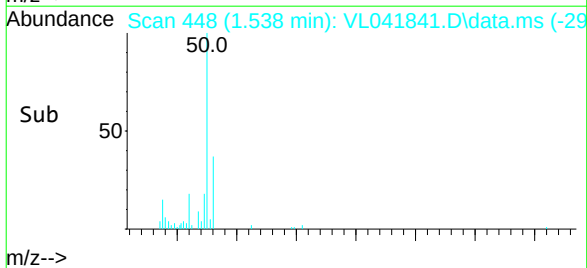
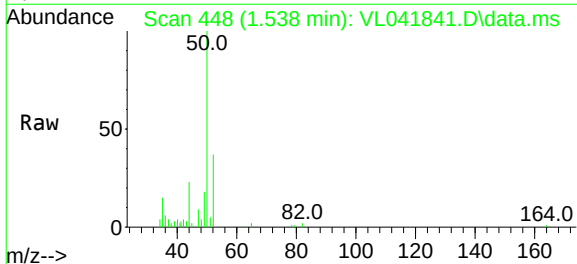
Manual Integrations
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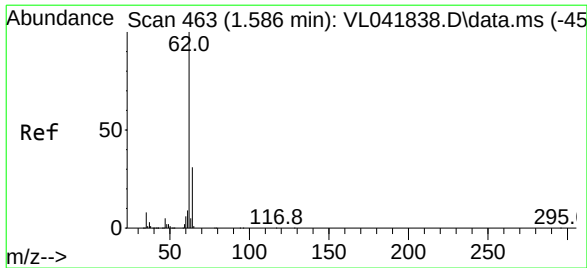
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 0.549 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 50 Resp: 3343
Ion Ratio Lower Upper
50 100
52 37.3 26.1 39.1





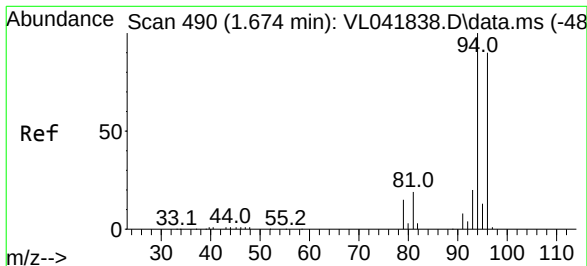
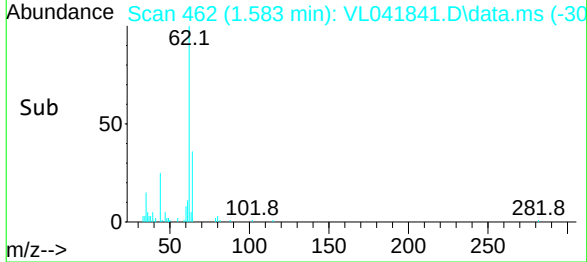
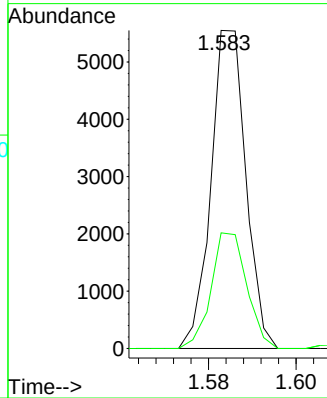
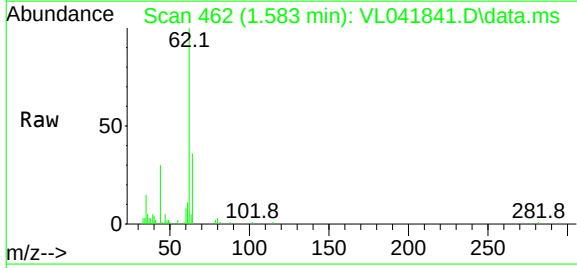
#5
 Vinyl Chloride
 Concen: 0.503 ppbv
 RT: 1.583 min Scan# 463
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument : MSVOA_1
 ClientSampleId : VSTDIC0.5

Tgt Ion: 62 Resp: 3086
 Ion Ratio Lower Upper
 62 100
 64 36.4 24.9 37.3

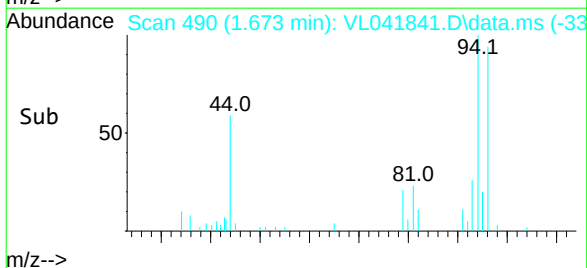
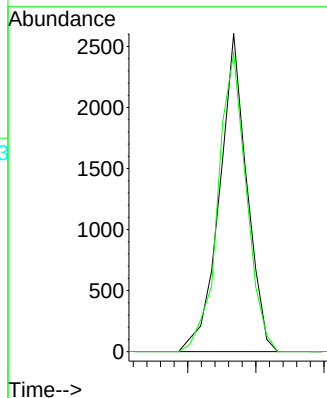
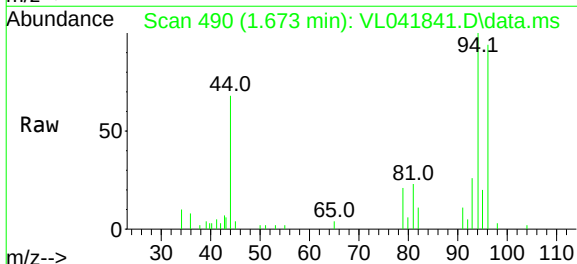
Manual Integrations
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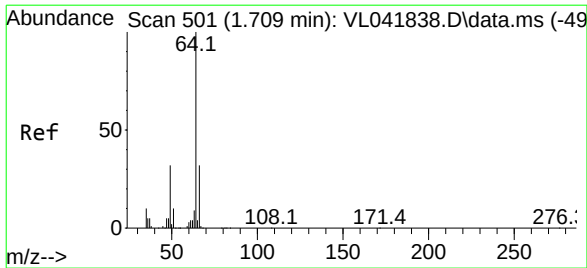
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 0.552 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 94 Resp: 1453
 Ion Ratio Lower Upper
 94 100
 96 93.8 72.0 108.0





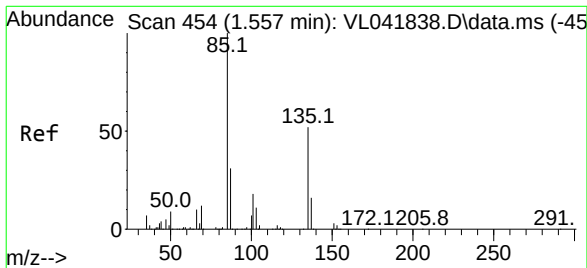
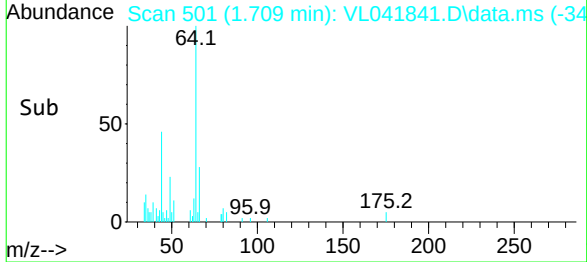
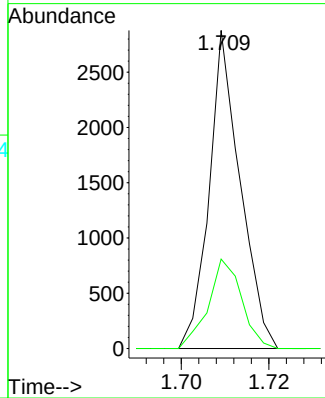
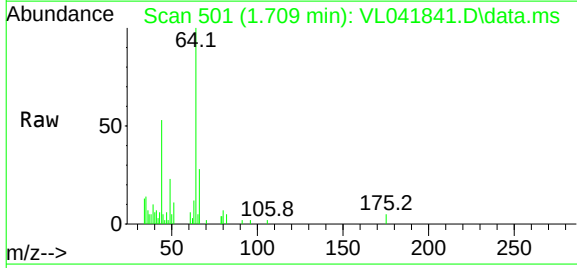
#7
Chloroethane
Concen: 0.598 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1413
Ion Ratio Lower Upper
64 100
66 28.1 25.6 38.4

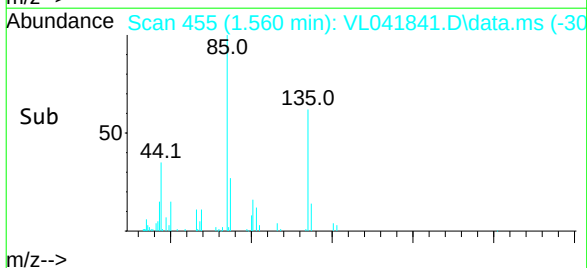
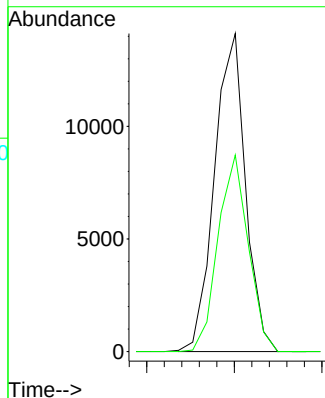
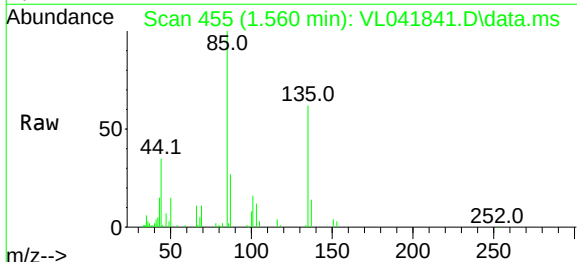
Manual Integrations
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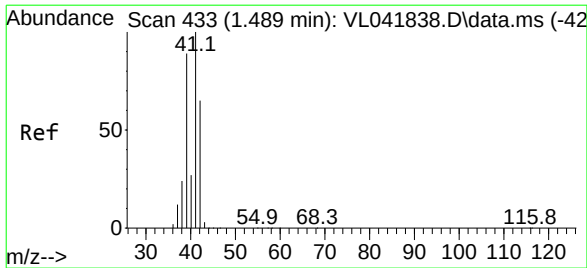
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 0.543 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 85 Resp: 6936
Ion Ratio Lower Upper
85 100
135 60.4 47.9 71.9





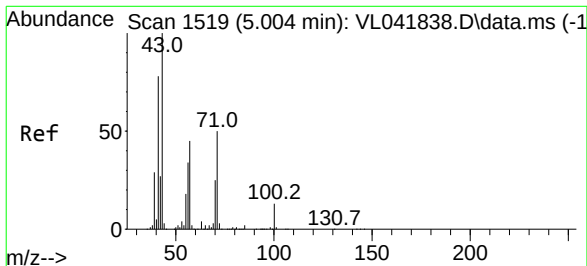
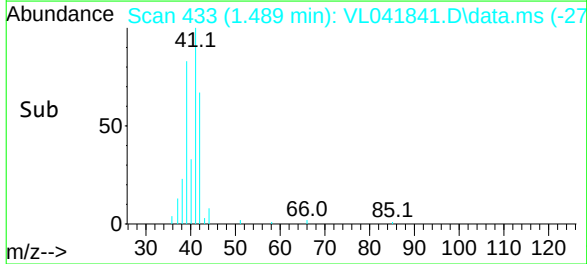
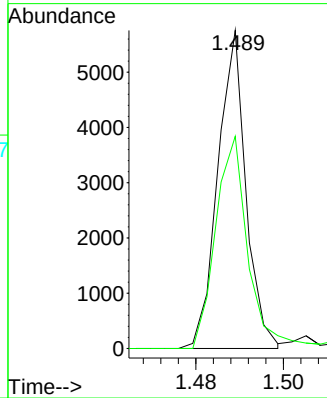
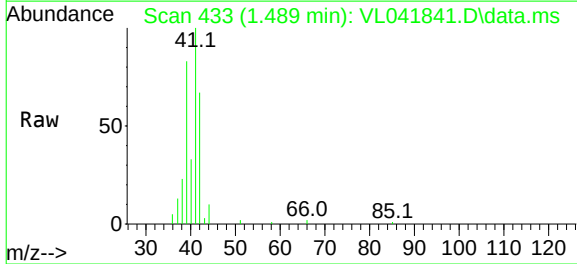
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Propene
Concen: 0.522 ppbv
RT: 1.489 min Scan# 433
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5

Tgt Ion: 41 Resp: 2570
Ion Ratio Lower Upper
41 100
42 77.9 53.9 80.9

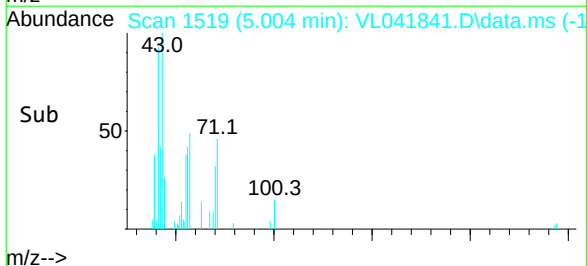
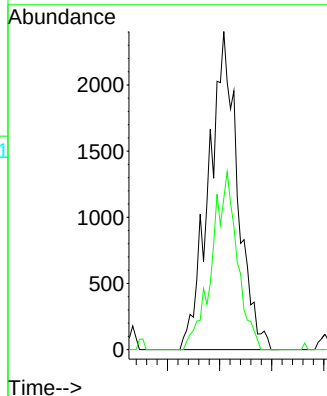
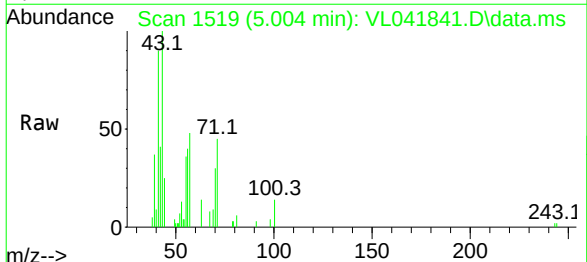
Manual Integrations
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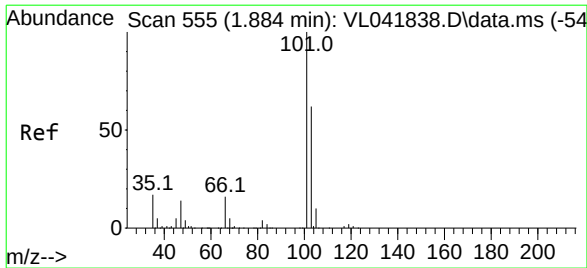
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#10
Heptane
Concen: 0.381 ppbv m
RT: 5.004 min Scan# 1519
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 43 Resp: 4633
Ion Ratio Lower Upper
43 100
57 49.0 37.8 56.6





#11

Trichlorofluoromethane

Concen: 0.547 ppbv

RT: 1.884 min Scan# 555

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:101 Resp: 8242

Ion Ratio Lower Upper

101 100

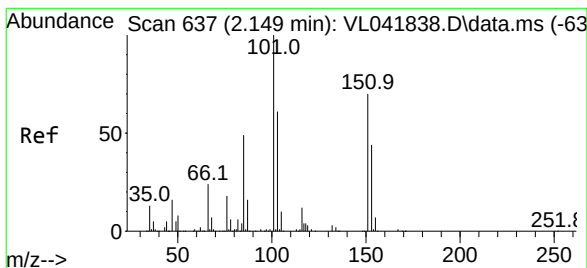
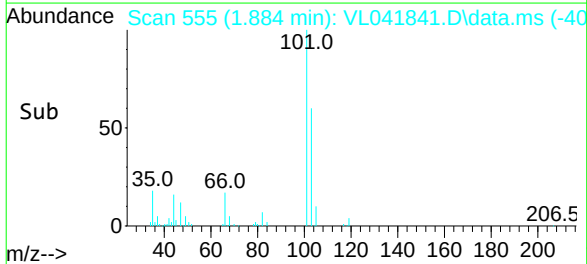
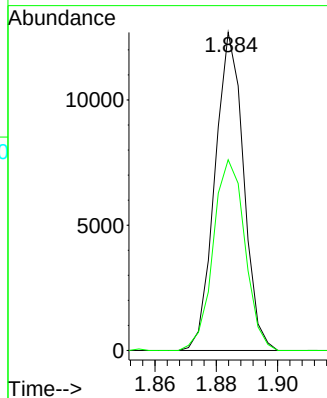
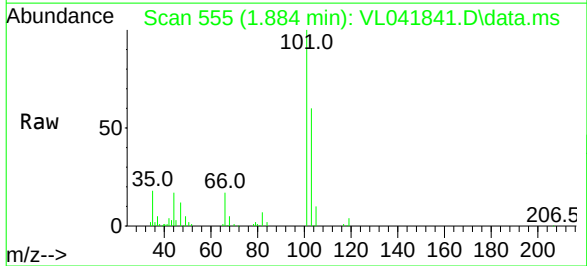
103 60.0 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 0.549 ppbv

RT: 2.146 min Scan# 636

Delta R.T. -0.003 min

Lab File: VL041841.D

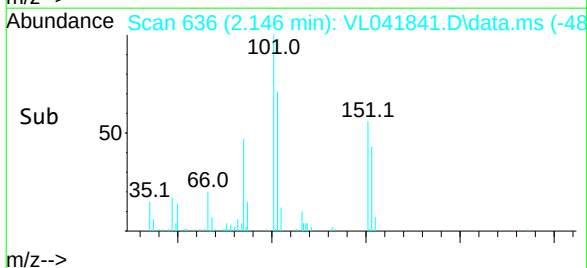
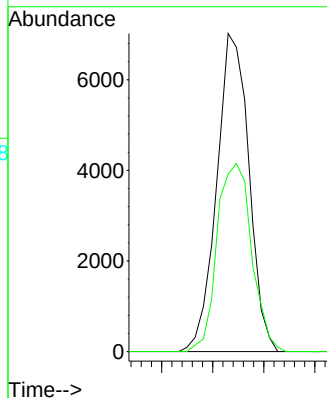
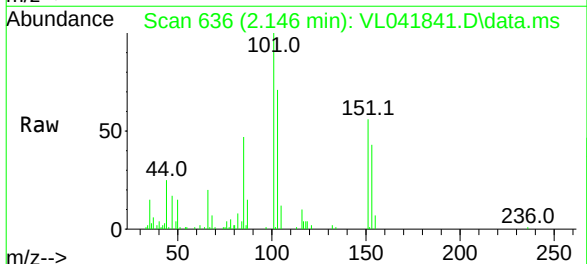
Acq: 07 Jan 2025 10:52

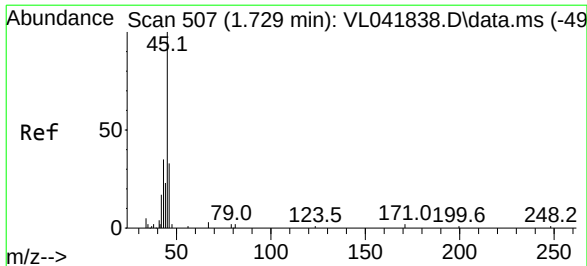
Tgt Ion:101 Resp: 6155

Ion Ratio Lower Upper

101 100

151 63.4 53.2 79.8





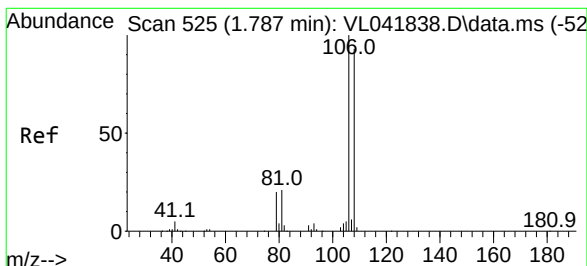
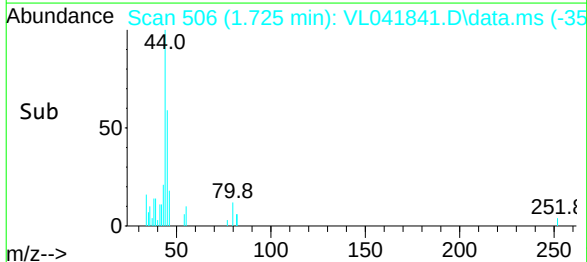
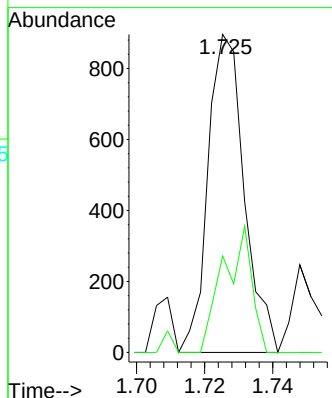
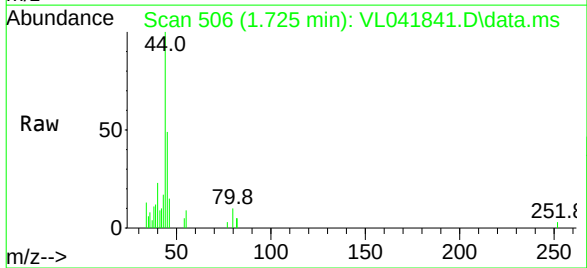
#13
Ethanol
Concen: 1.169 ppbv
RT: 1.725 min Scan# 50
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 662
Ion Ratio Lower Upper
45 100
46 33.4 14.6 58.2

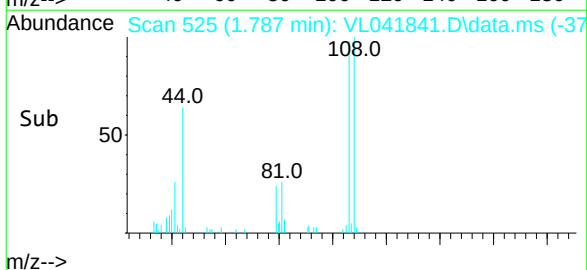
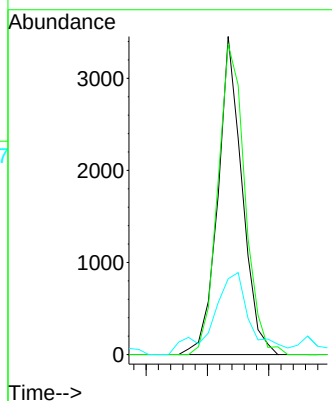
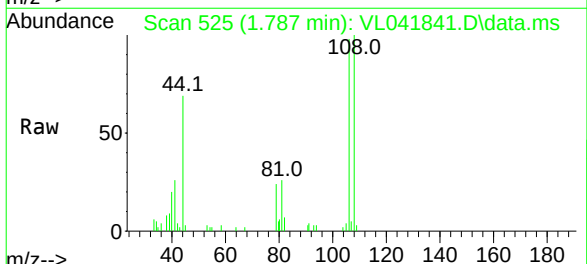
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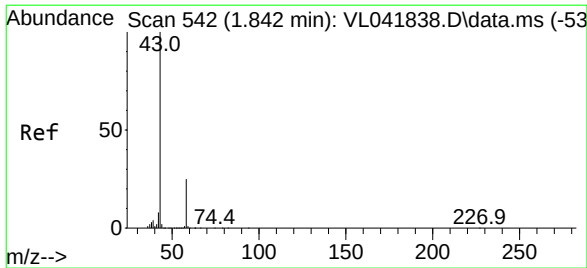
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#14
Bromoethene
Concen: 0.517 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:108 Resp: 1897
Ion Ratio Lower Upper
108 100
106 109.0 84.6 126.8
79 58.5 18.3 27.5#





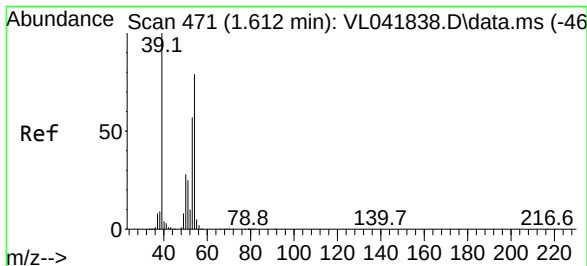
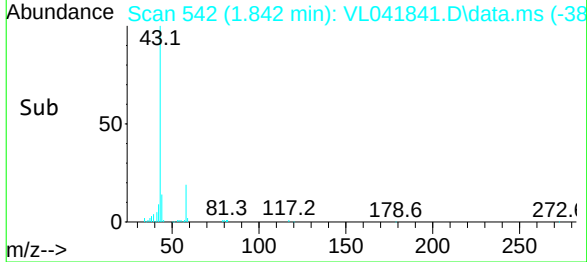
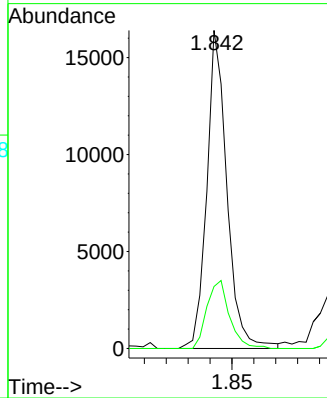
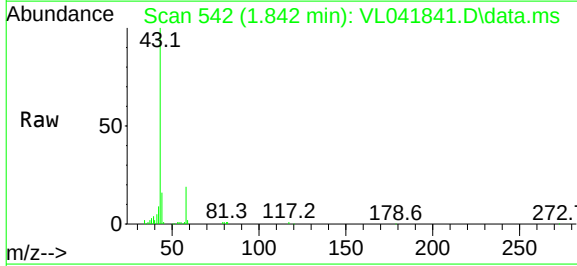
#15
Acetone
Concen: 0.631 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 10484
Ion Ratio Lower Upper
43 100
58 24.0 20.2 30.4

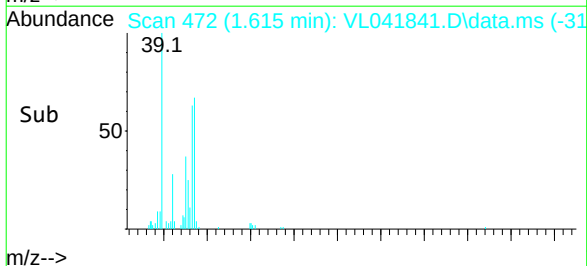
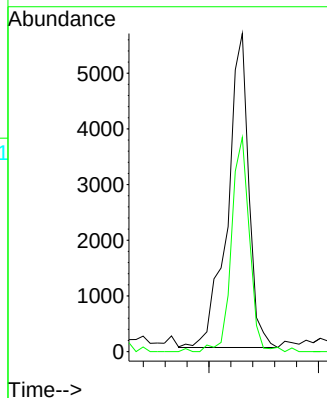
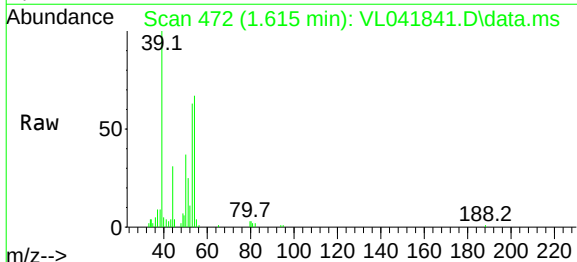
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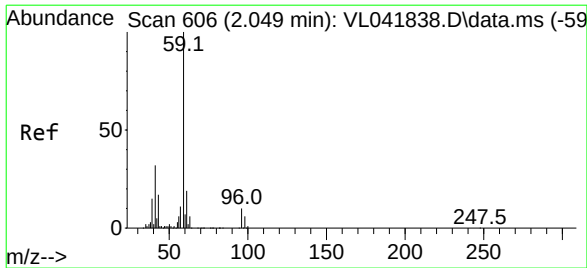
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 0.583 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 39 Resp: 3795
Ion Ratio Lower Upper
39 100
54 58.7 56.2 84.4





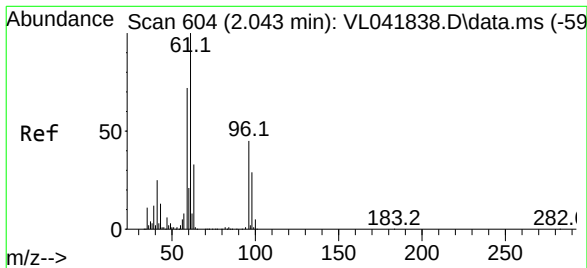
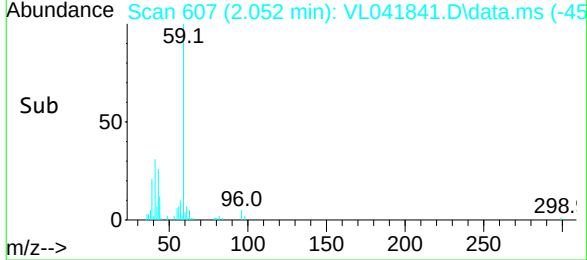
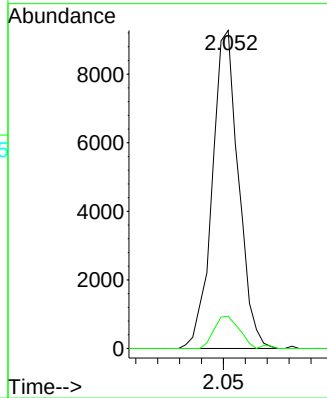
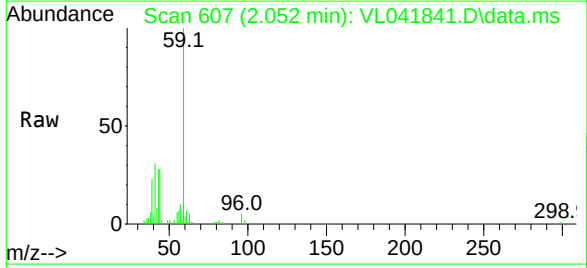
#17
tert-Butyl alcohol
Concen: 0.537 ppbv
RT: 2.052 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 7735
Ion Ratio Lower Upper
59 100
57 10.1 8.6 13.0

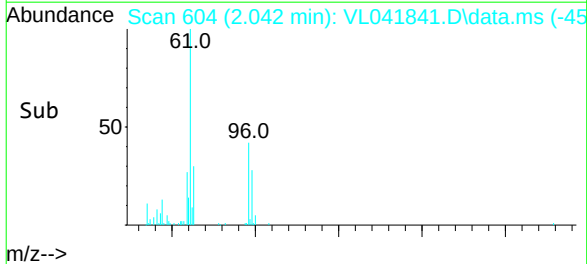
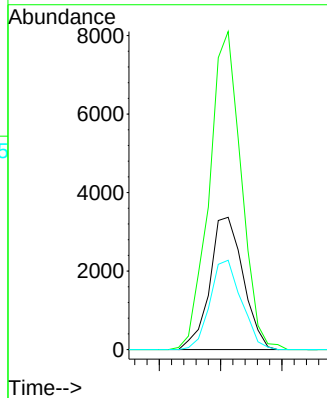
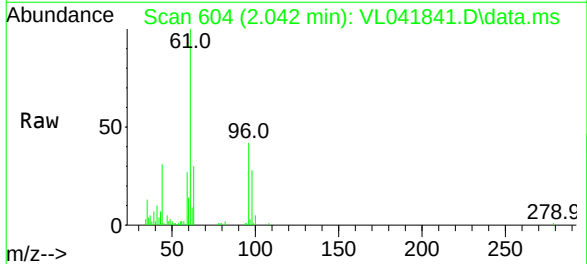
Manual Integrations
APPROVED

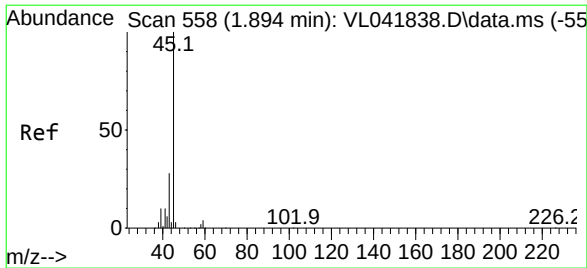
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#18
1,1-Dichloroethene
Concen: 0.544 ppbv
RT: 2.042 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

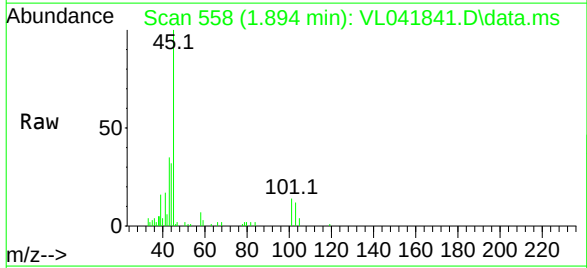
Tgt Ion: 96 Resp: 2555
Ion Ratio Lower Upper
96 100
61 238.8 179.2 268.8
98 67.5 51.6 77.4





#19
Isopropyl Alcohol
Concen: 0.645 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

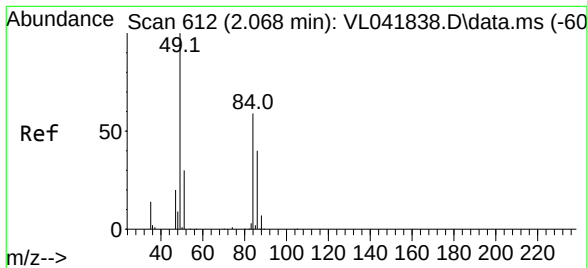
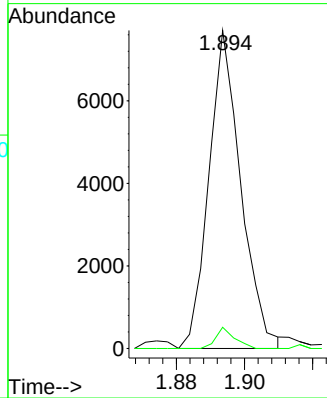
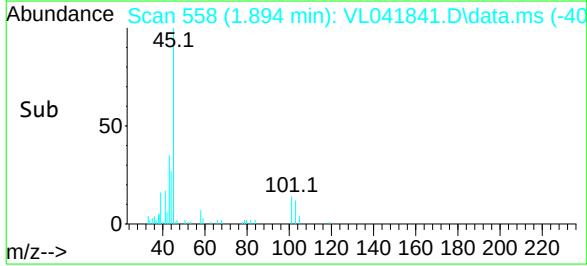
Instrument : MSVOA_L
ClientSampleId : VSTDICC0.5



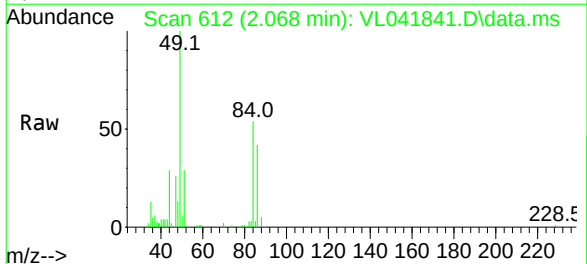
Tgt Ion: 45 Resp: 5026
Ion Ratio Lower Upper
45 100
58 4.3 2.1 3.1#

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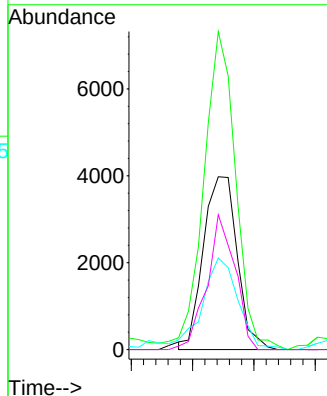
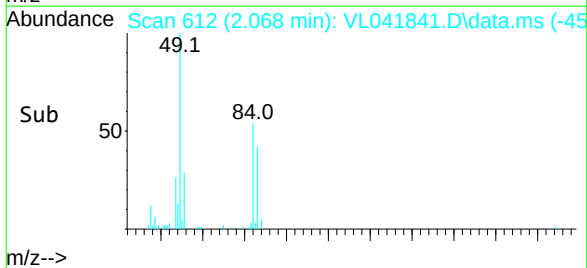
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

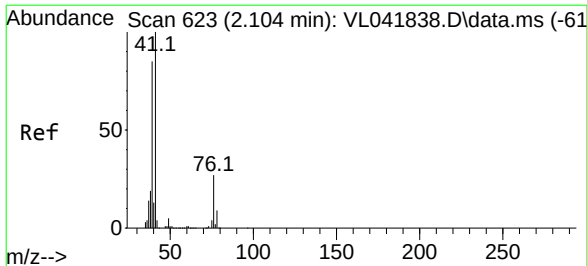


#20
Methylene Chloride
Concen: 0.643 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52



Tgt Ion: 84 Resp: 3053
Ion Ratio Lower Upper
84 100
49 181.7 137.8 206.8
51 51.6 43.9 65.9
86 78.1 53.9 80.9





#21

Allyl Chloride

Concen: 0.499 ppbv

RT: 2.104 min Scan# 623

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

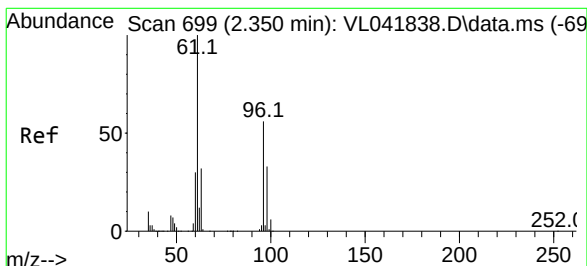
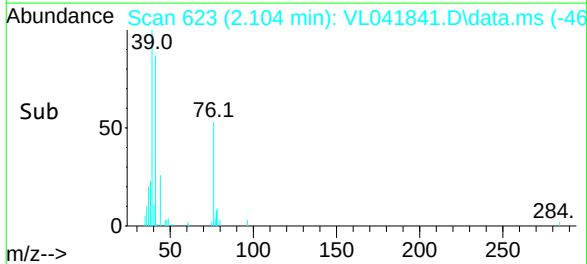
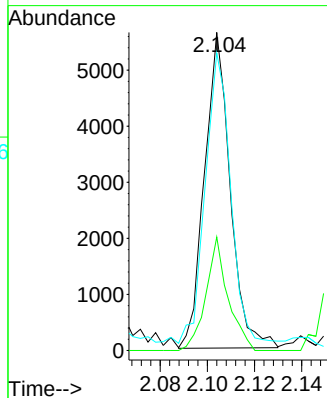
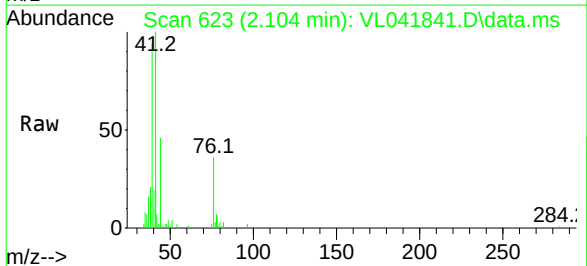
VSTDICC0.5

Tgt Ion:	41	Resp:	4272
Ion	Ratio	Lower	Upper
41	100		
76	30.8	20.6	31.0
39	98.2	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: 0.532 ppbv

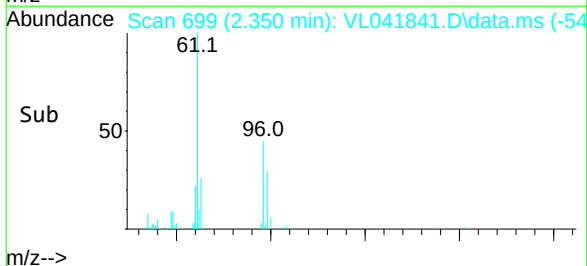
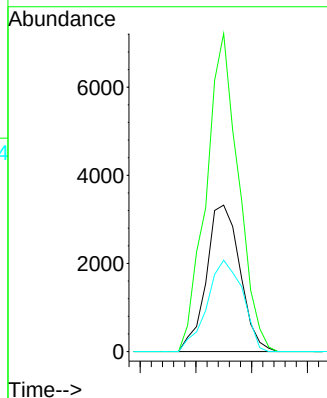
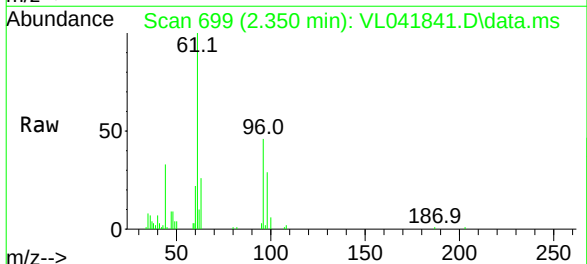
RT: 2.350 min Scan# 699

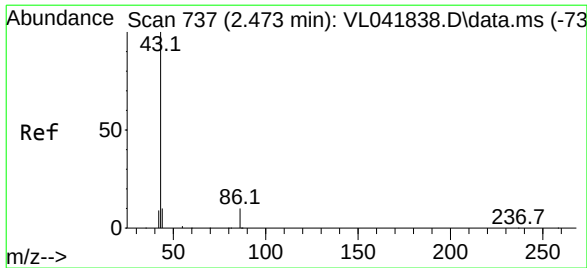
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	96	Resp:	2791
Ion	Ratio	Lower	Upper
96	100		
61	217.1	144.0	216.0#
98	62.4	46.9	70.3





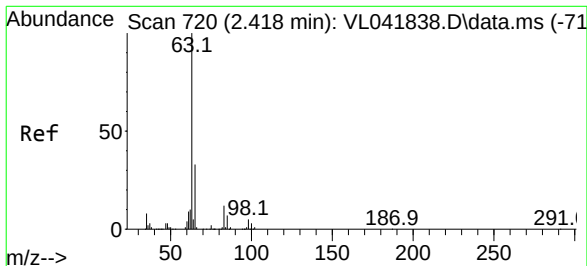
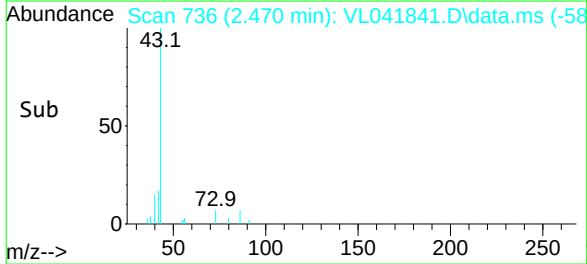
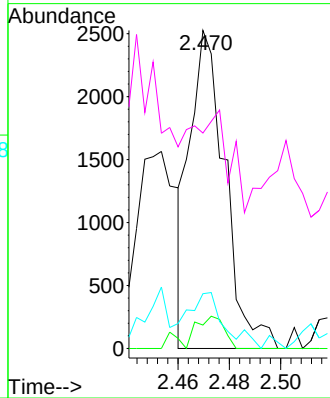
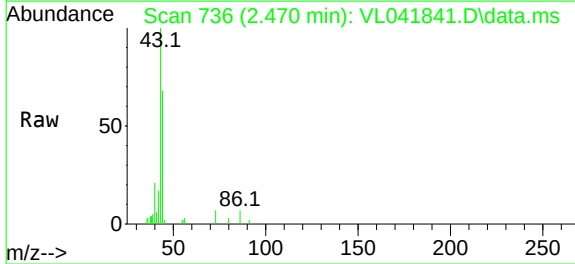
#23
 Vinyl Acetate
 Concen: 0.452 ppbv m
 RT: 2.470 min Scan# 73
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43	Resp: 2406
Ion Ratio	Lower Upper
43 100	
86 7.4	6.4 9.6
42 17.2	9.5 14.3#
44 67.7	6.7 10.1#

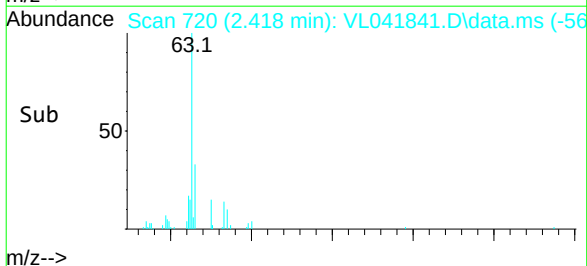
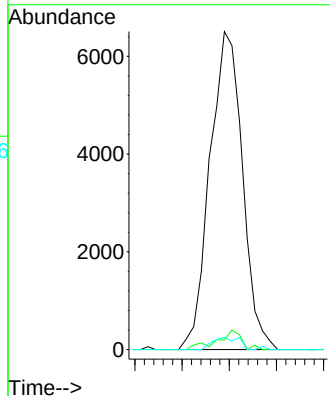
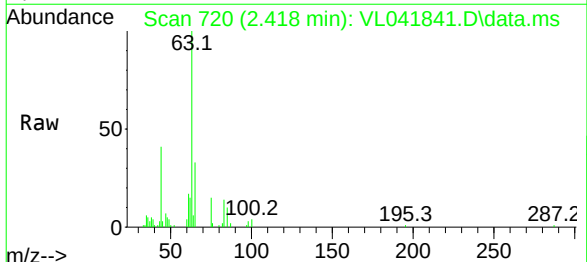
Manual Integrations
 APPROVED

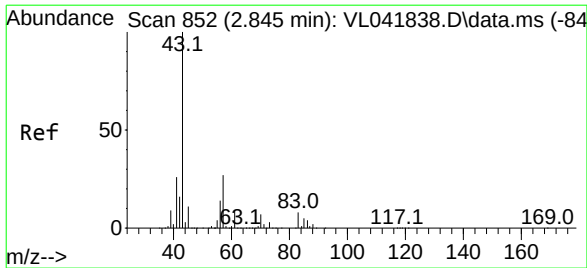
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#24
 1,1-Dichloroethane
 Concen: 0.544 ppbv
 RT: 2.418 min Scan# 720
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion: 63	Resp: 6246
Ion Ratio	Lower Upper
63 100	
98 3.0	2.3 6.9
100 3.9	1.4 4.0





#25

Ethyl Acetate

Concen: 0.461 ppbv

RT: 2.852 min Scan# 851

Delta R.T. 0.006 min

Lab File: VL041841.D

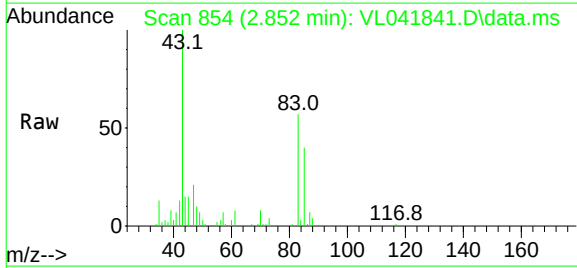
Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 43 Resp: 12851

Ion Ratio Lower Upper

43 100

45 11.2 7.8 11.8

61 8.3 7.0 10.6

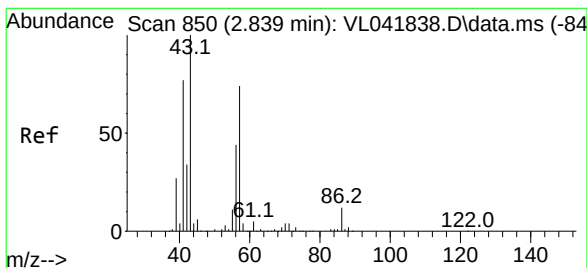
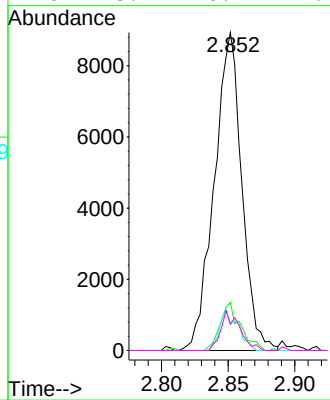
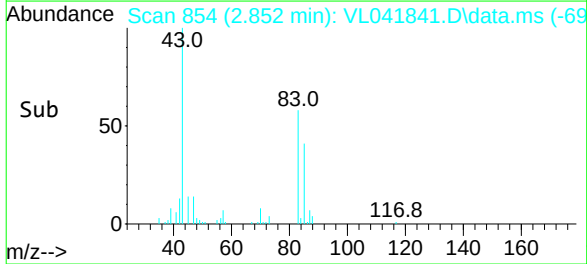
70 8.7 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#26

Hexane

Concen: 0.450 ppbv

RT: 2.835 min Scan# 849

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion: 57 Resp: 4350

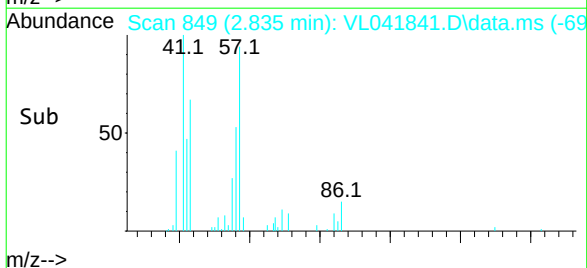
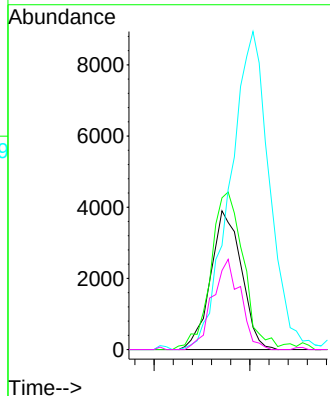
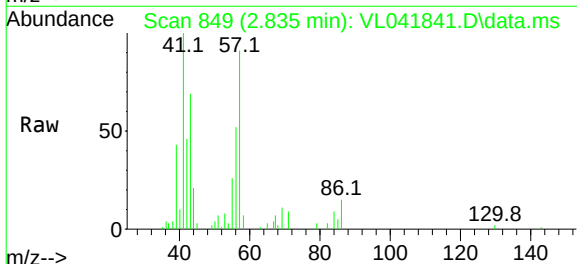
Ion Ratio Lower Upper

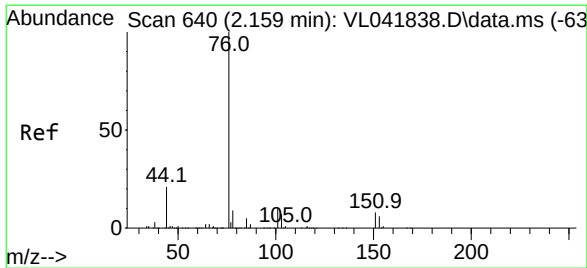
57 100

41 123.6 84.0 126.0

43 300.7 218.4 327.6

56 59.9 45.7 68.5





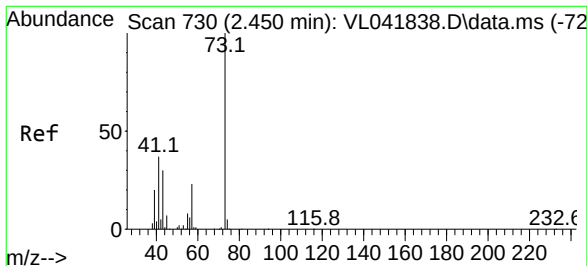
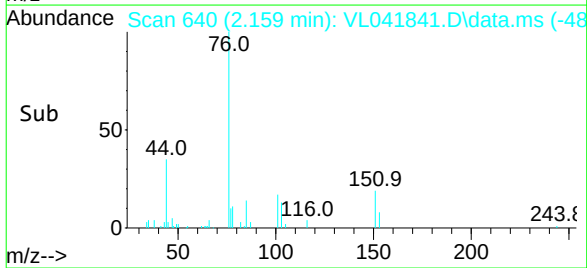
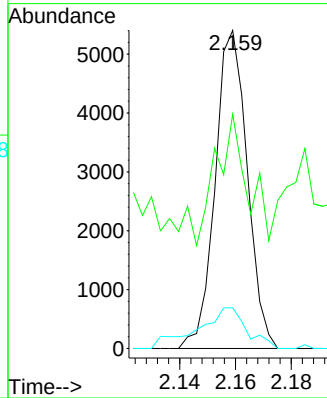
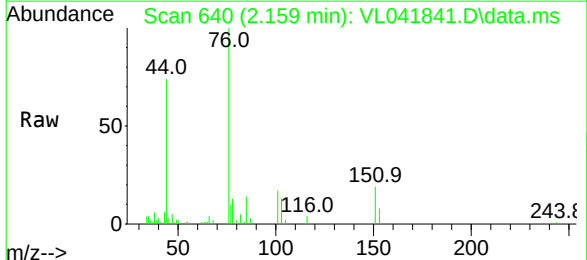
#27
Carbon Disulfide
Concen: 0.470 ppbv
RT: 2.159 min Scan# 640
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 4312
Ion Ratio Lower Upper
76 100
44 145.3 19.8 29.8#
78 19.9 9.8 14.8#

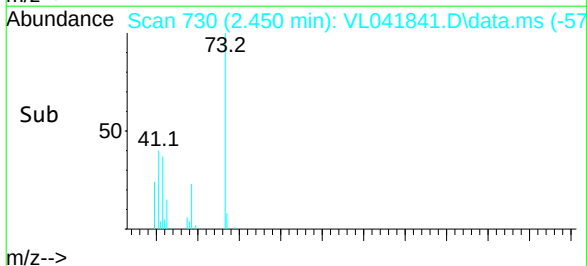
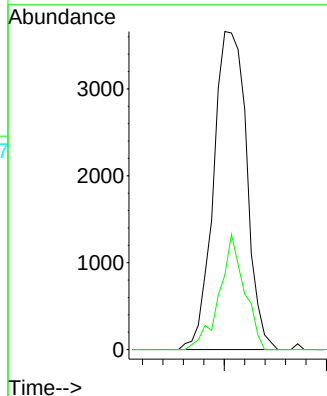
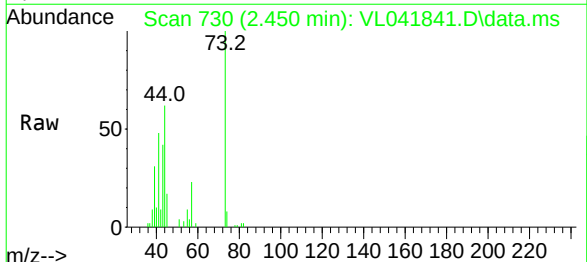
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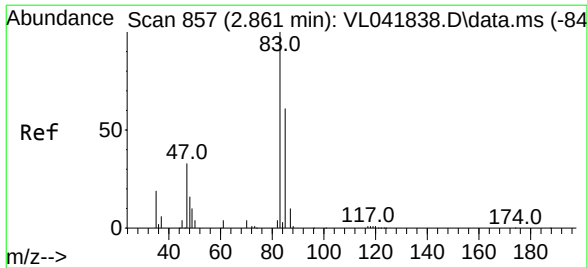
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#28
Methyl tert-Butyl Ether
Concen: 0.565 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 73 Resp: 4116
Ion Ratio Lower Upper
73 100
57 27.3 18.4 27.6





#29

Chloroform

Concen: 0.550 ppbv

RT: 2.858 min Scan# 85

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 9887

Ion Ratio Lower Upper

83 100

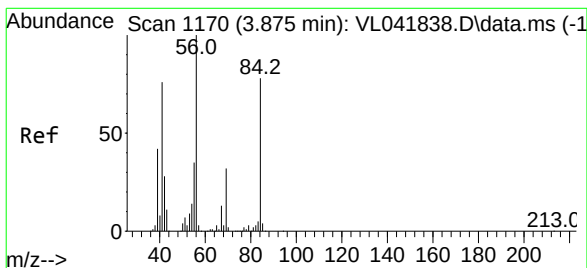
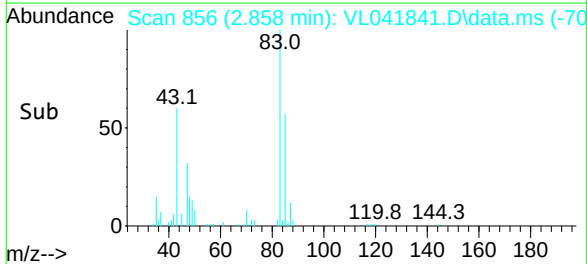
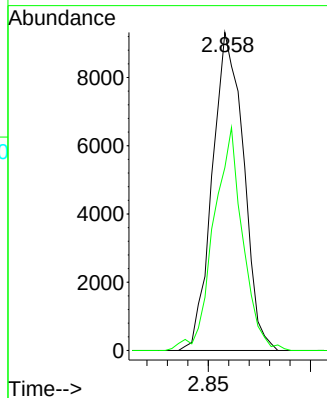
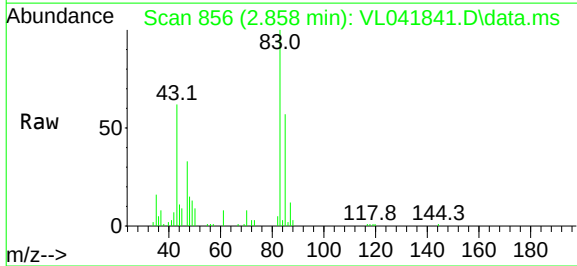
85 55.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#30

Cyclohexane

Concen: 0.414 ppbv m

RT: 3.871 min Scan# 1169

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

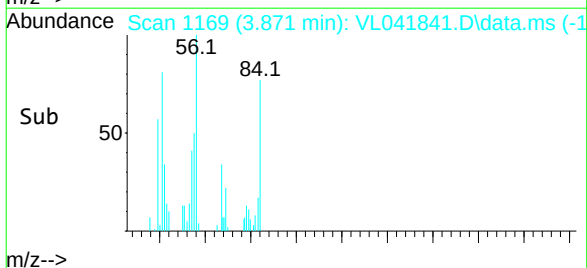
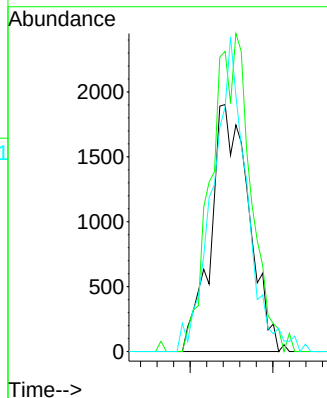
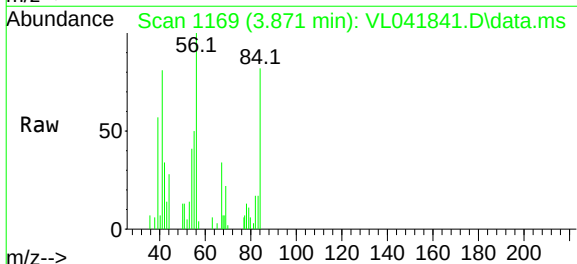
Tgt Ion: 84 Resp: 3038

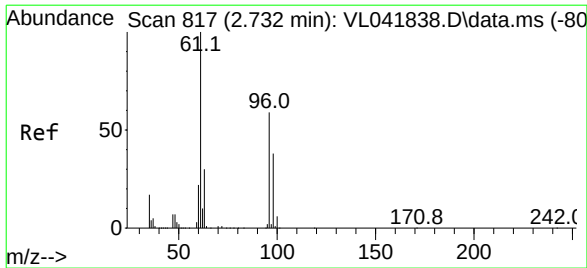
Ion Ratio Lower Upper

84 100

56 0.0 105.0 157.6#

41 112.9 78.9 118.3





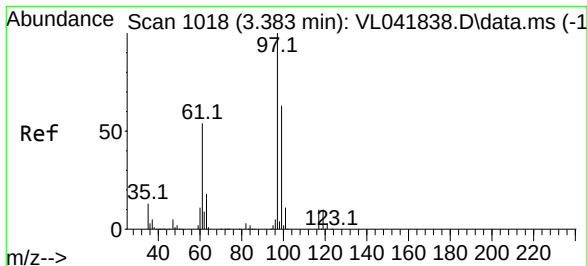
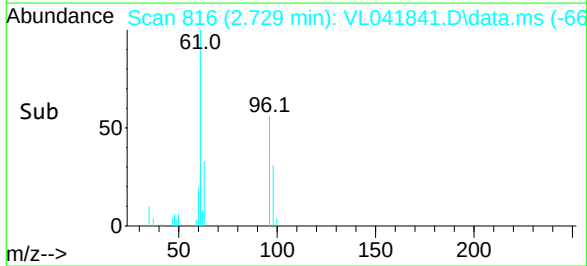
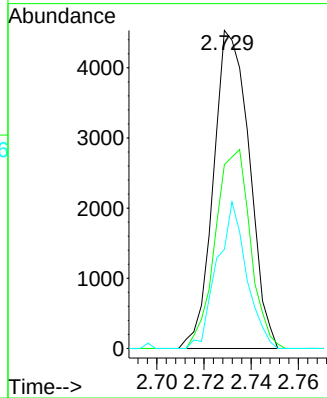
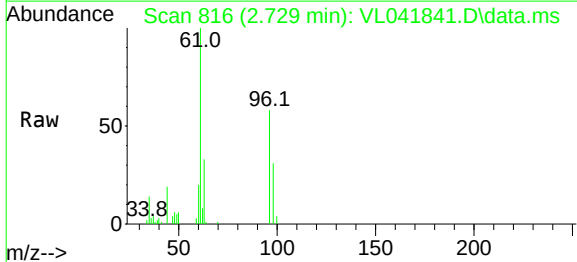
#31
 cis-1,2-Dichloroethene
 Concen: 0.480 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:	61	Resp:	4773
Ion	Ratio	Lower	Upper
61	100		
96	57.8	47.6	71.4
98	31.2	30.2	45.2

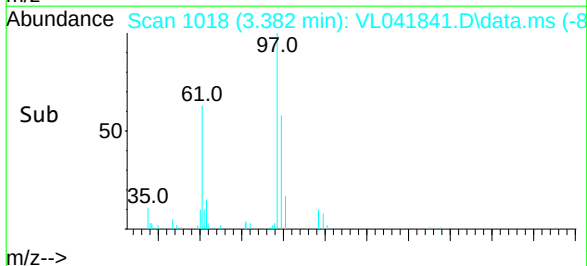
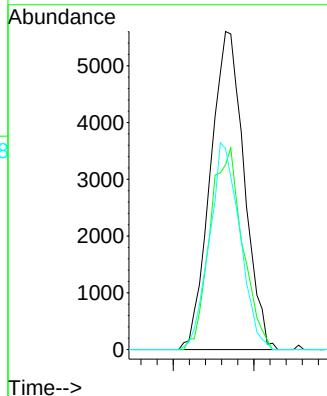
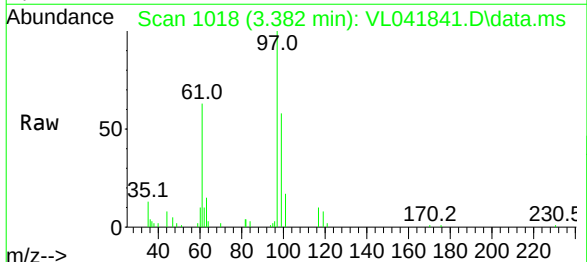
Manual Integrations
 APPROVED

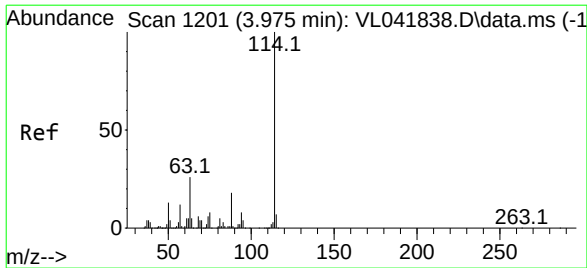
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#32
 1,1,1-Trichloroethane
 Concen: 0.501 ppbv
 RT: 3.382 min Scan# 1018
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Tgt Ion:	97	Resp:	8151
Ion	Ratio	Lower	Upper
97	100		
99	61.2	50.6	76.0
61	58.8	45.0	67.6





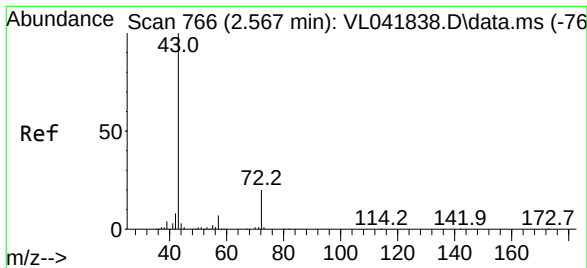
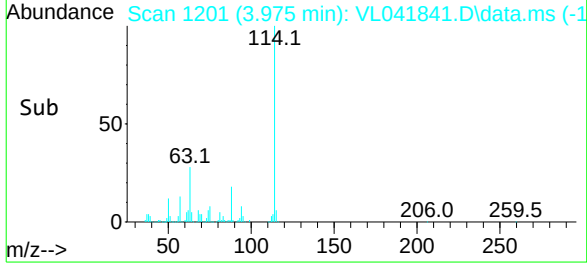
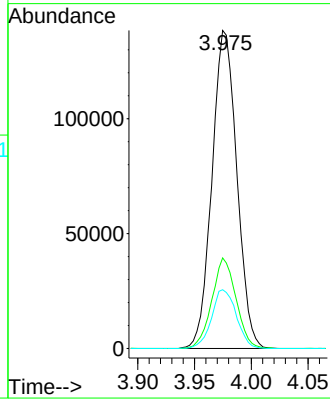
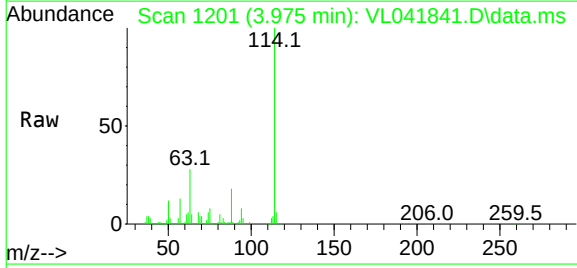
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:114 Resp: 210692
Ion Ratio Lower Upper
114 100
63 27.7 22.3 33.5
88 18.4 14.9 22.3

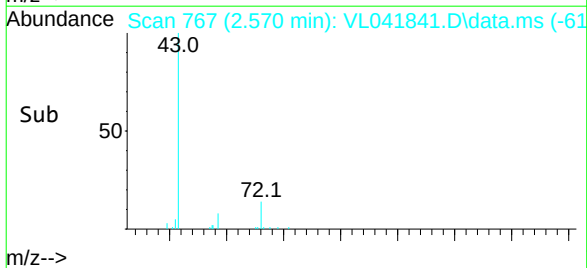
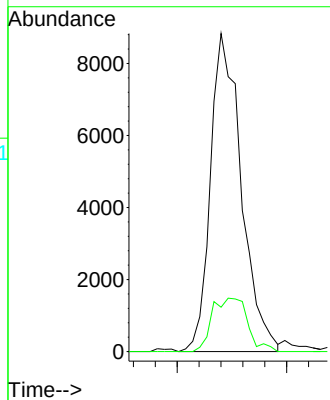
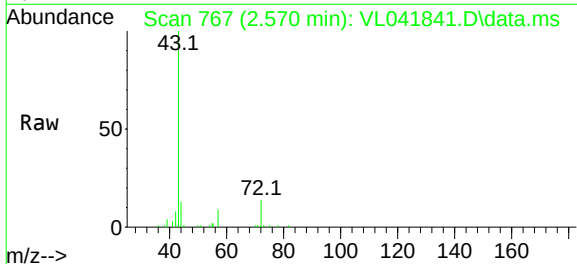
Manual Integrations
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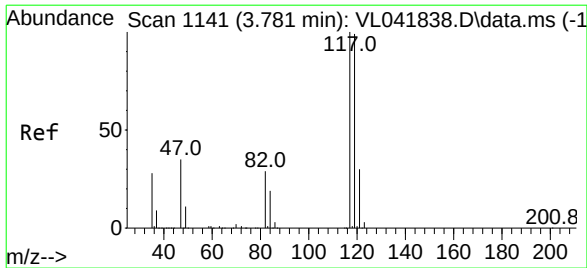
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 0.521 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 43 Resp: 8647
Ion Ratio Lower Upper
43 100
72 19.3 16.6 25.0





#35

Carbon Tetrachloride

Concen: 0.500 ppbv

RT: 3.784 min Scan# 1141

Delta R.T. 0.003 min

Lab File: VL041841.D

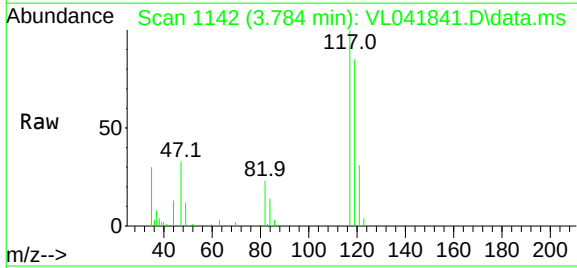
Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

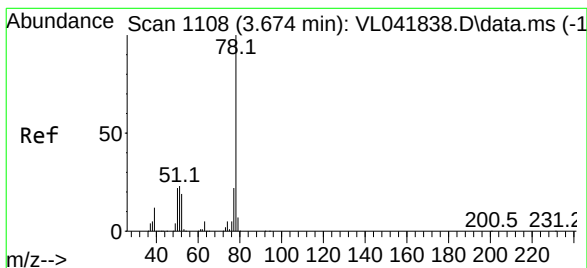
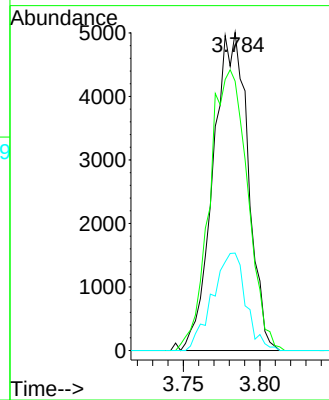
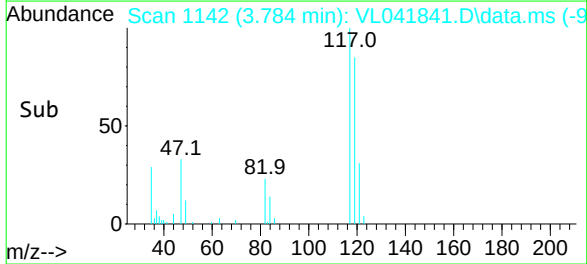


Tgt Ion:	117	Resp:	7956
Ion	Ratio	Lower	Upper
117	100		
119	83.5	79.1	118.7
121	30.6	24.2	36.2

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 0.487 ppbv

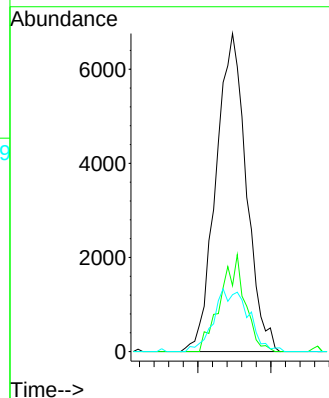
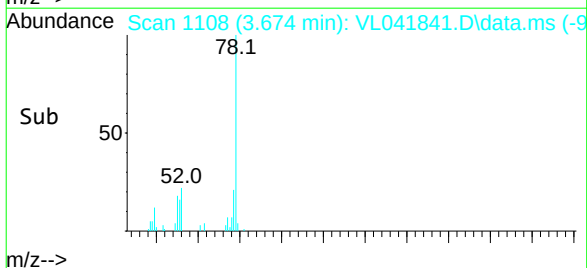
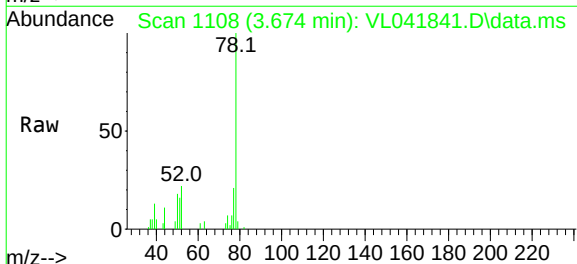
RT: 3.674 min Scan# 1108

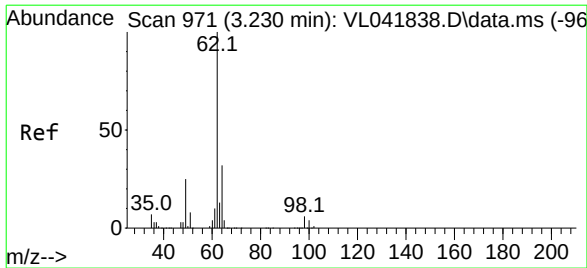
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

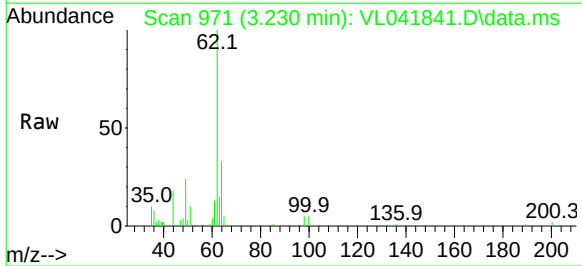
Tgt Ion:	78	Resp:	9795
Ion	Ratio	Lower	Upper
78	100		
77	20.7	17.4	26.0
50	17.9	17.3	25.9





#37
1,2-Dichloroethane
Concen: 0.523 ppbv
RT: 3.230 min Scan# 971
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

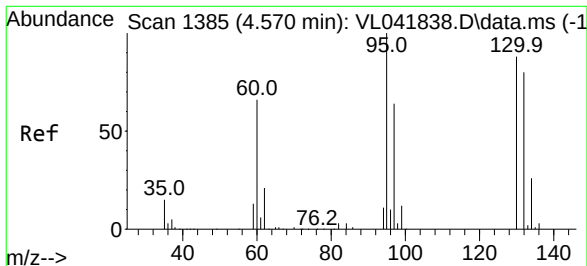
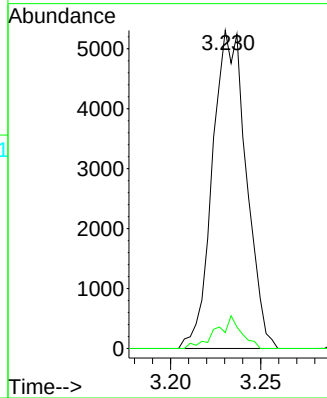
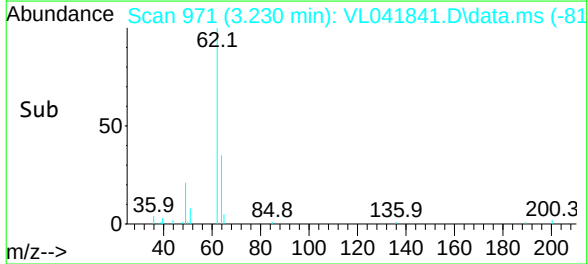
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 62 Resp: 6918
Ion Ratio Lower Upper
62 100
98 7.6 4.8 7.2#

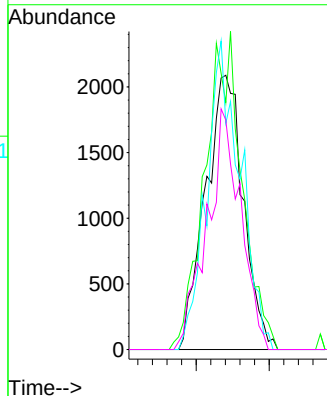
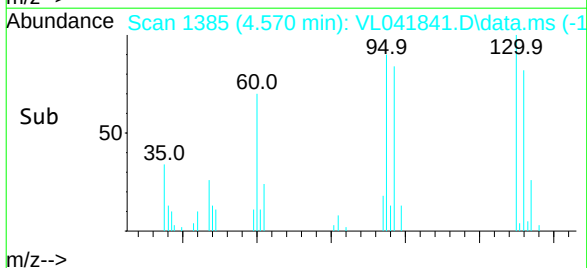
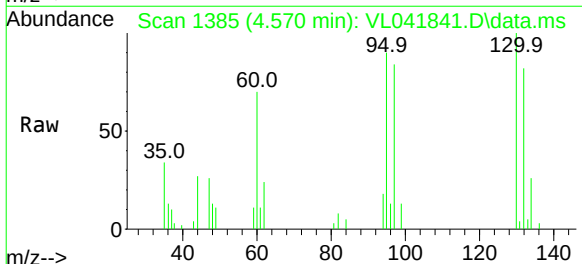
Manual Integrations
APPROVED

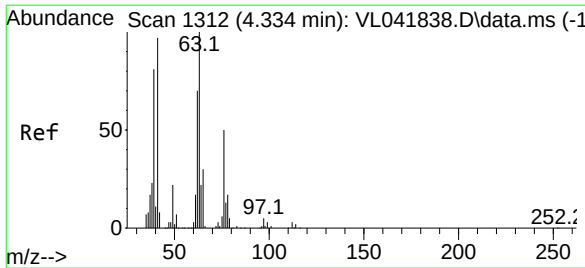
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 0.477 ppbv
RT: 4.570 min Scan# 1385
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:130 Resp: 3763
Ion Ratio Lower Upper
130 100
95 90.0 90.1 135.1#
132 82.5 71.8 107.8
97 83.7 57.9 86.9





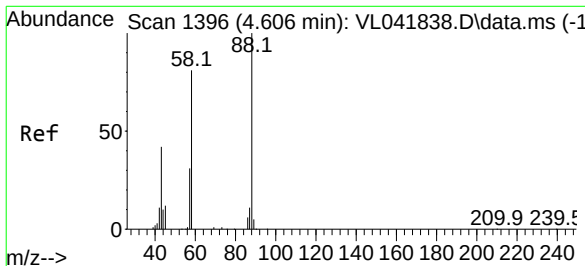
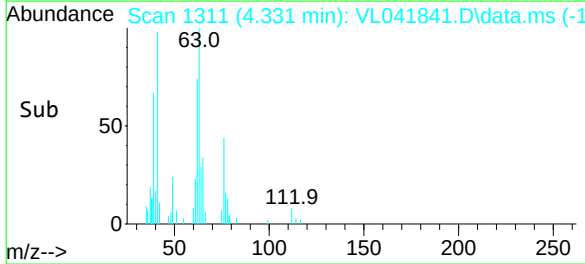
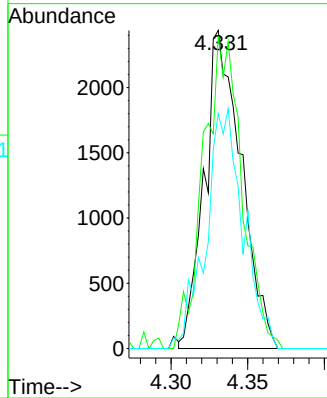
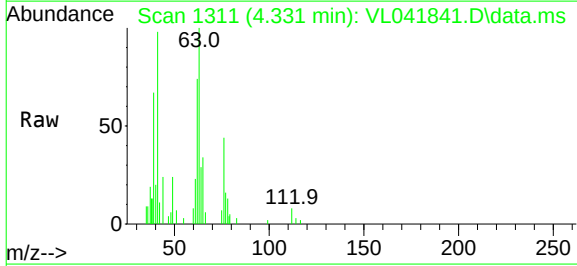
#39
1,2-Dichloropropane
Concen: 0.524 ppbv
RT: 4.331 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 63 Resp: 4076
Ion Ratio Lower Upper
63 100
41 95.5 77.7 116.5
62 73.9 56.2 84.2

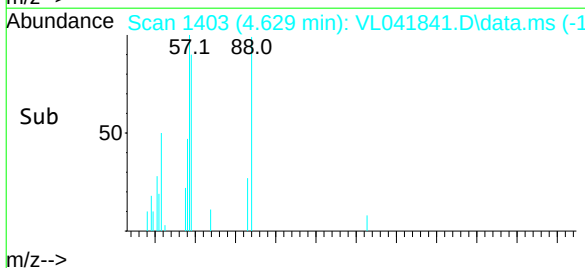
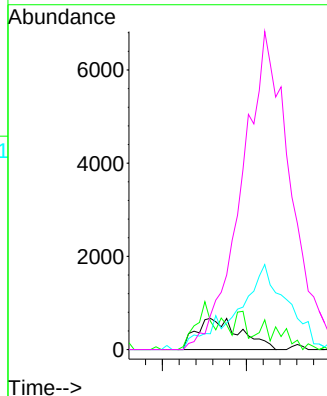
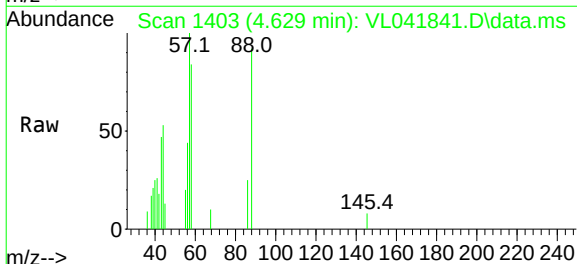
Manual Integrations
APPROVED

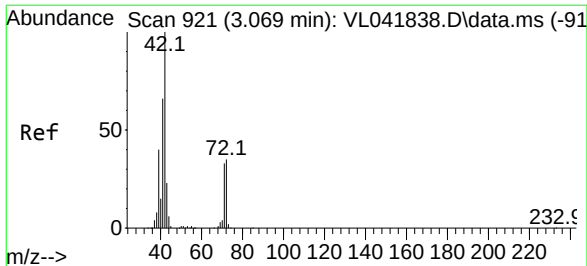
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#40
1,4-Dioxane
Concen: 0.406 ppbv m
RT: 4.629 min Scan# 1403
Delta R.T. 0.023 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 88 Resp: 1225
Ion Ratio Lower Upper
88 100
58 0.0 63.0 94.6#
43 0.0 30.0 45.0#
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.453 ppbv m

RT: 3.075 min Scan# 921

Delta R.T. 0.006 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

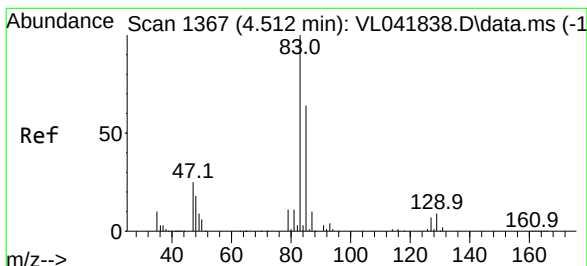
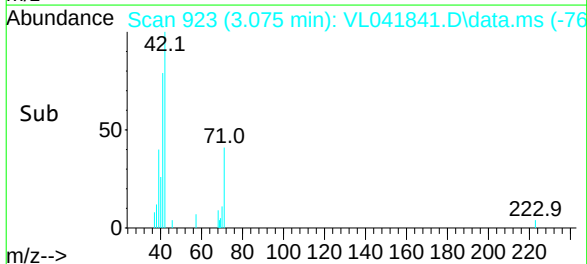
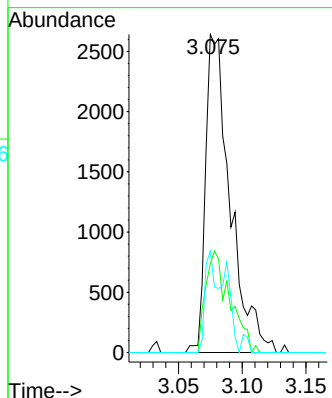
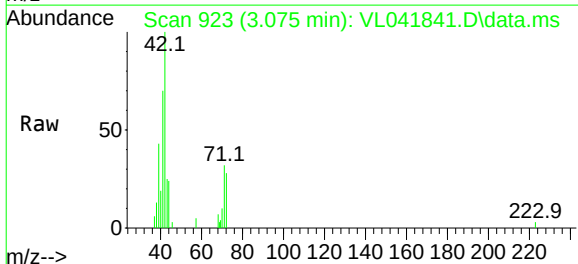
VSTDICC0.5

Tgt Ion:	42	Resp:	3545
Ion	Ratio	Lower	Upper
42	100		
72	31.6	27.9	41.9
71	27.0	26.5	39.7

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.495 ppbv m

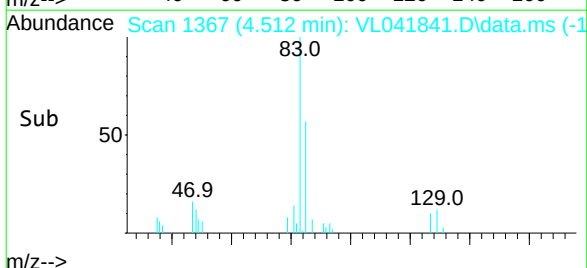
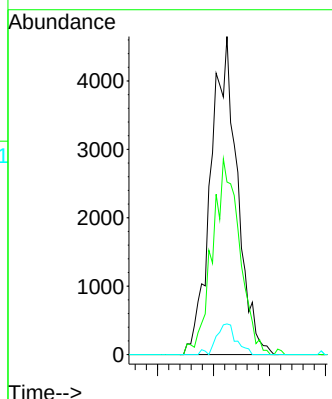
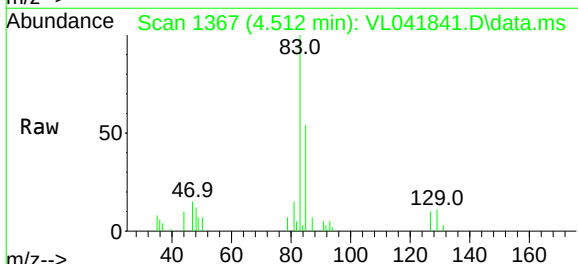
RT: 4.512 min Scan# 1367

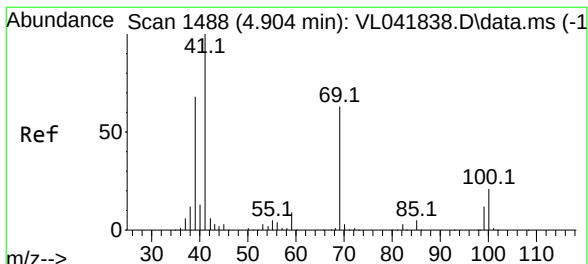
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	83	Resp:	7678
Ion	Ratio	Lower	Upper
83	100		
85	54.3	51.3	76.9
127	9.6	5.6	8.4



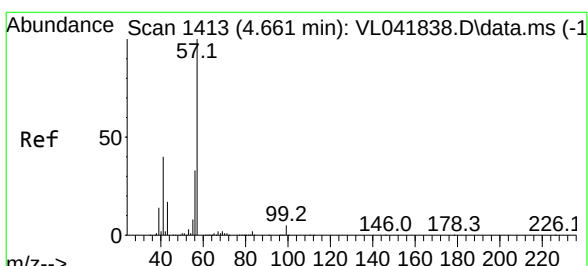
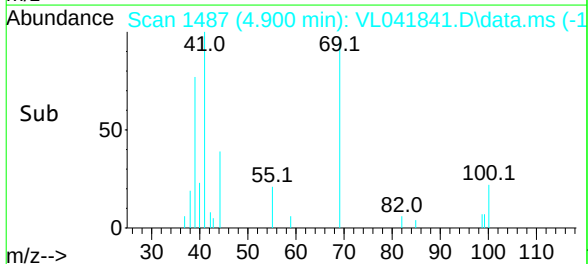
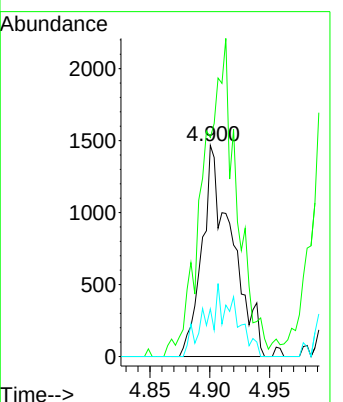
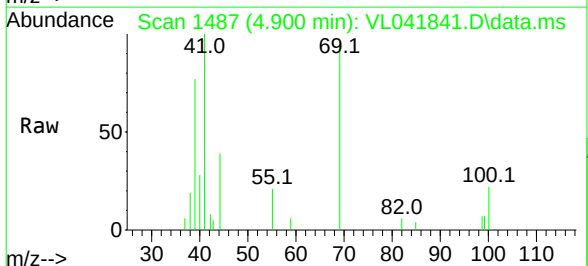


#43
Methyl Methacrylate
Concen: 0.401 ppbv m
RT: 4.900 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

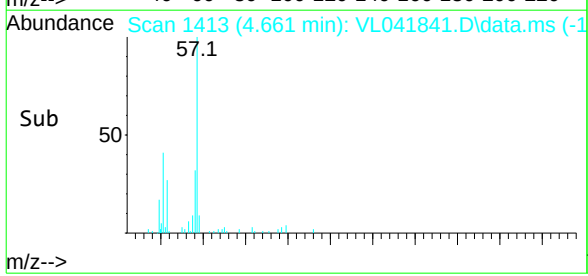
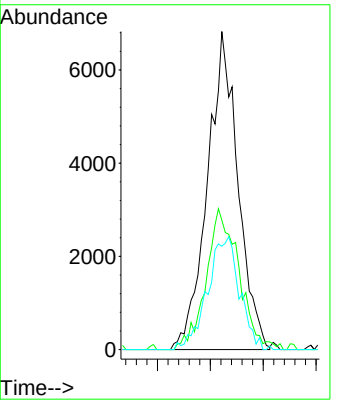
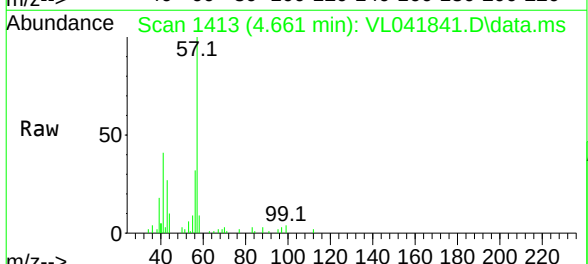
Tgt Ion:	69	Resp:	2537
Ion	Ratio	Lower	Upper
69	100		
41	0.0	132.2	198.2#
100	0.0	28.2	42.4#

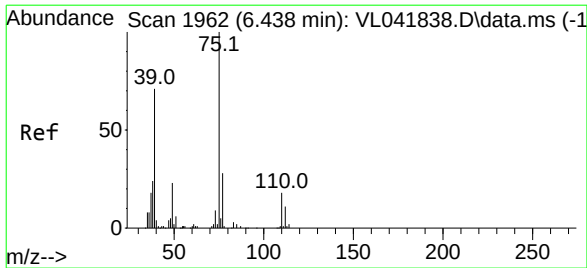
Manual Integrations
APPROVED
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44
2,2,4-Trimethylpentane
Concen: 0.413 ppbv
RT: 4.661 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:	57	Resp:	13710
Ion	Ratio	Lower	Upper
57	100		
41	47.8	31.4	47.2#
56	37.3	26.6	39.8





#45

t-1,3-Dichloropropene

Concen: 0.477 ppbv m

RT: 6.438 min Scan# 19

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 2941

Ion Ratio Lower Upper

75 100

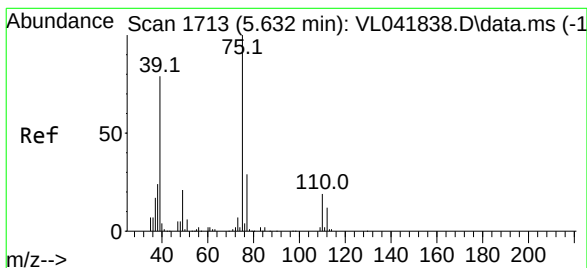
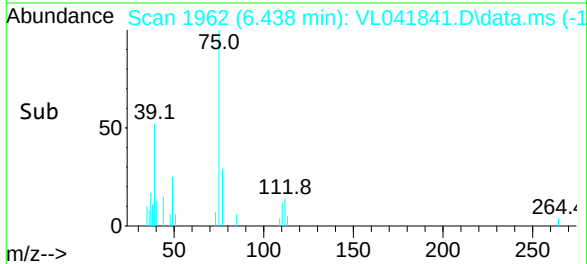
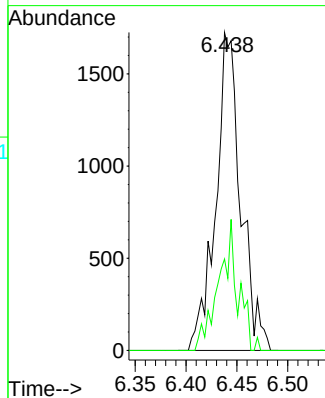
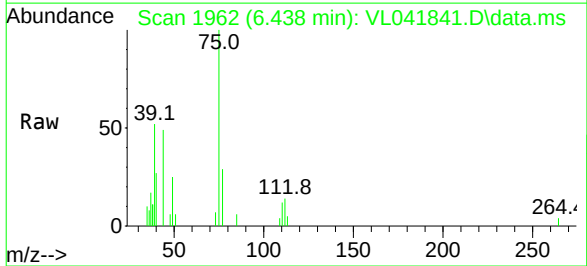
77 28.8 22.2 33.4

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#46

cis-1,3-Dichloropropene

Concen: 0.434 ppbv m

RT: 5.629 min Scan# 1712

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

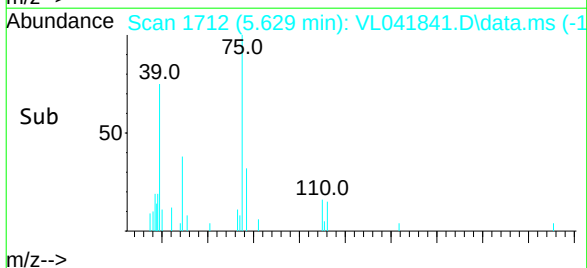
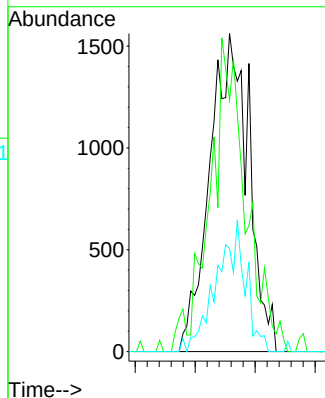
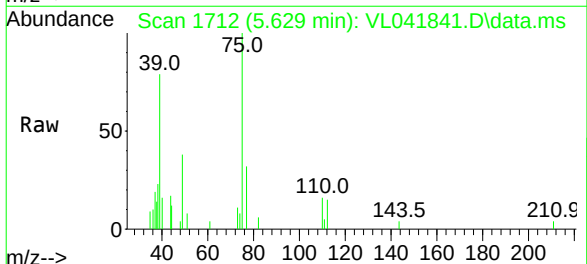
Tgt Ion: 75 Resp: 3526

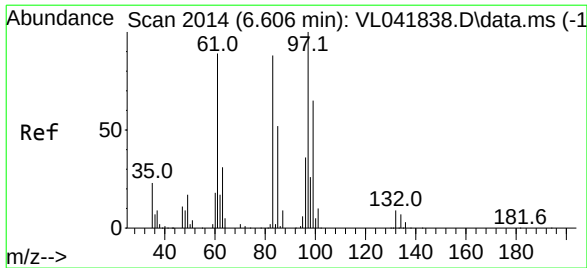
Ion Ratio Lower Upper

75 100

39 79.1 63.3 94.9

77 32.4 23.5 35.3





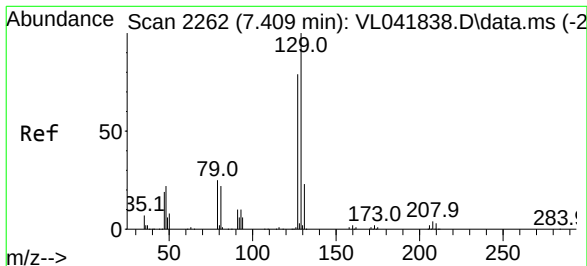
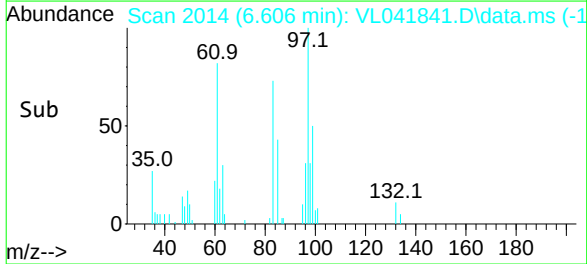
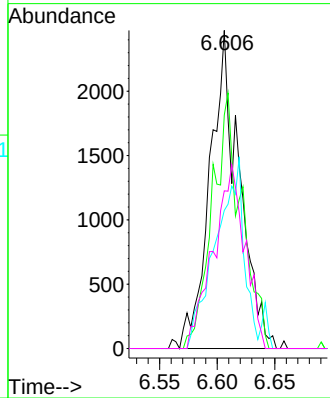
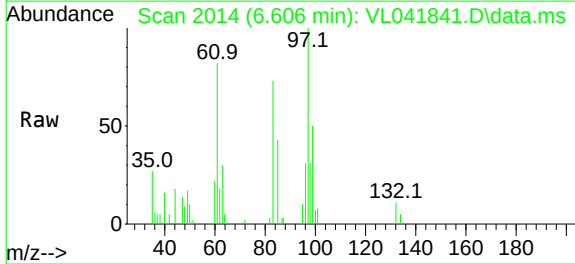
#47
1,1,2-Trichloroethane
Concen: 0.533 ppbv m
RT: 6.606 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.4	70.3	105.5
85	43.4	41.5	62.3
99	49.6	52.3	78.5

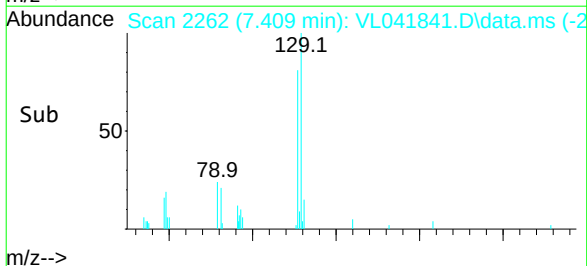
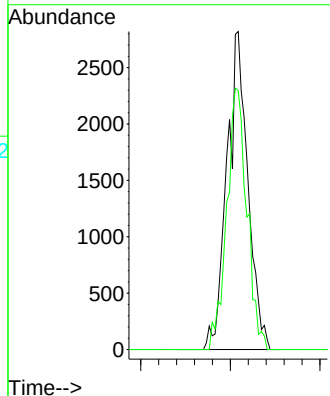
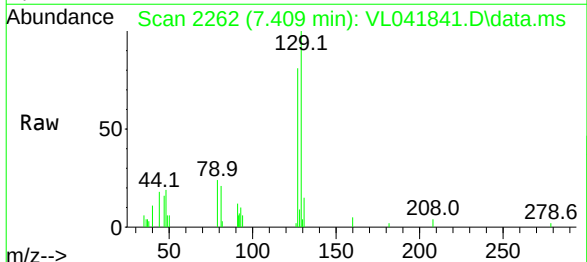
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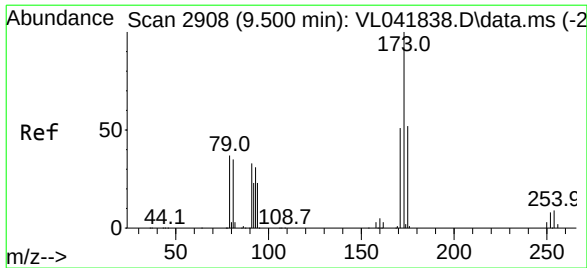
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 0.436 ppbv m
RT: 7.409 min Scan# 2262
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.7	116.1





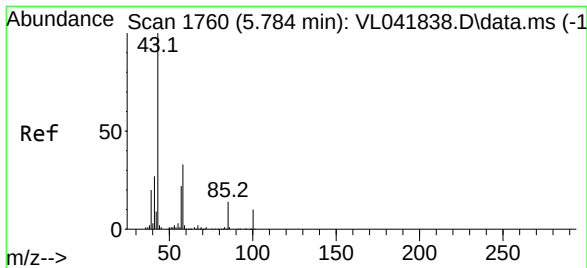
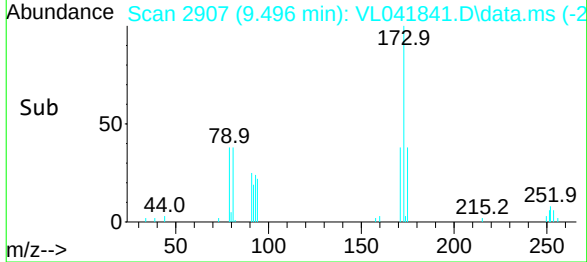
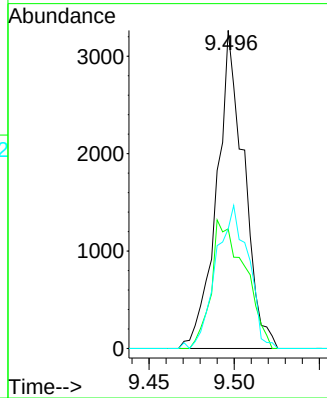
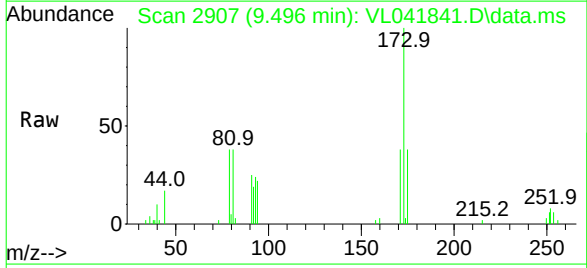
#49
Bromoform
Concen: 0.433 ppbv
RT: 9.496 min Scan# 2908
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:	173	Resp:	3639
Ion Ratio	Lower	Upper	
173	100		
175	49.4	39.5	59.3
171	53.3	41.5	62.3

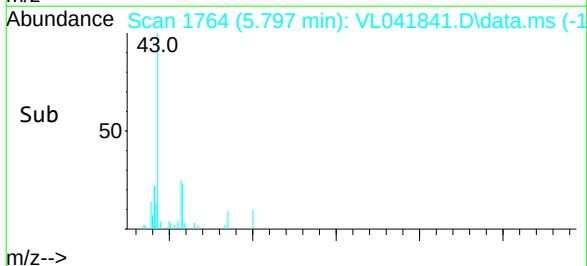
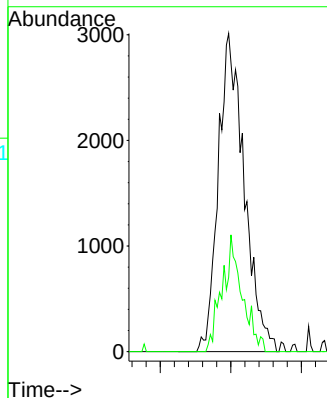
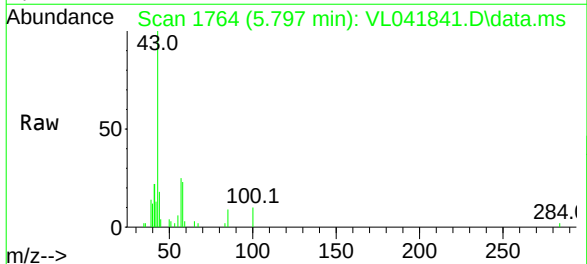
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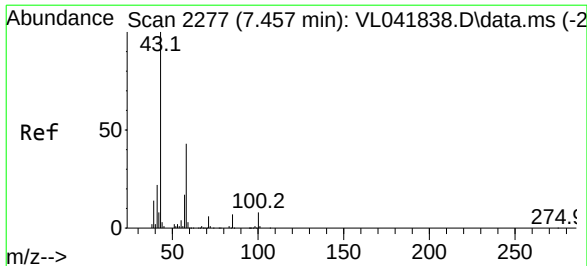
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 0.400 ppbv m
RT: 5.797 min Scan# 1764
Delta R.T. 0.013 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

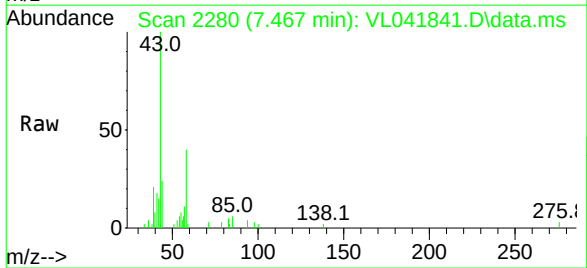
Tgt Ion:	43	Resp:	7670
Ion Ratio	Lower	Upper	
43	100		
58	0.0	25.6	38.4





#51
2-Hexanone
Concen: 0.383 ppbv m
RT: 7.467 min Scan# 2277
Delta R.T. 0.010 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

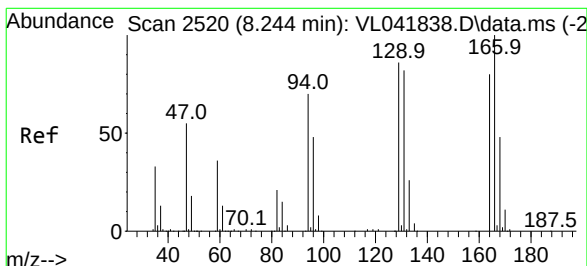
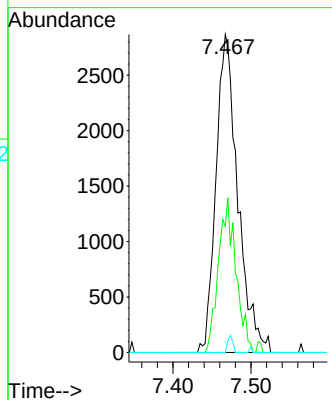
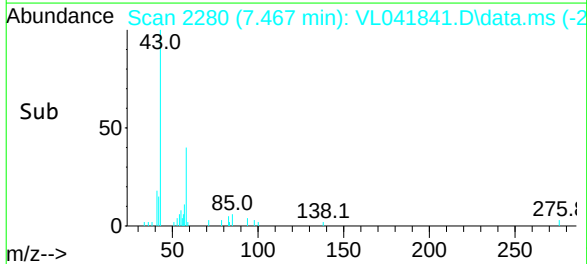
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 5557
Ion Ratio Lower Upper
43 100
58 39.7 33.8 50.8
98 1.2 0.7 1.1#

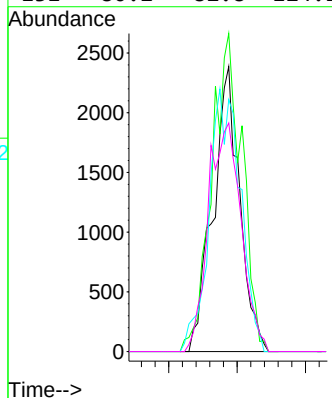
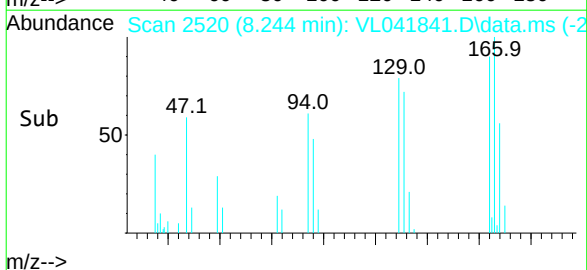
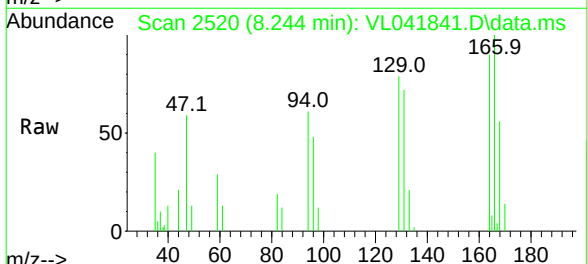
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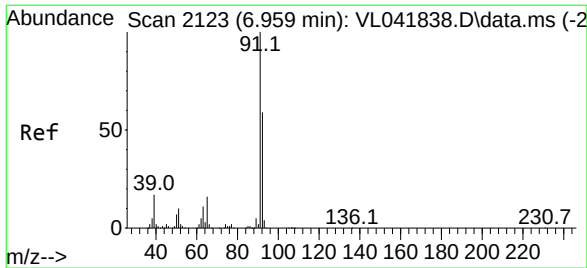
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#52
Tetrachloroethene
Concen: 0.541 ppbv m
RT: 8.244 min Scan# 2520
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:164 Resp: 3227
Ion Ratio Lower Upper
164 100
166 111.6 100.4 150.6
129 88.4 85.9 128.9
131 80.2 82.8 124.2#





#53

Toluene

Concen: 0.385 ppbv m

RT: 6.962 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VL041841.D

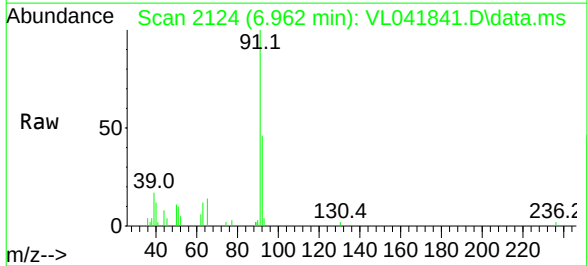
Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 91 Resp: 6897

Ion Ratio Lower Upper

91 100

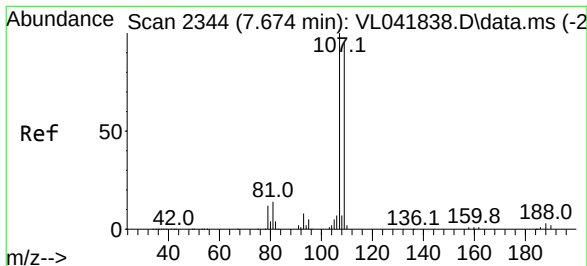
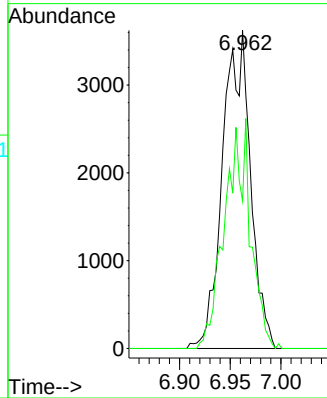
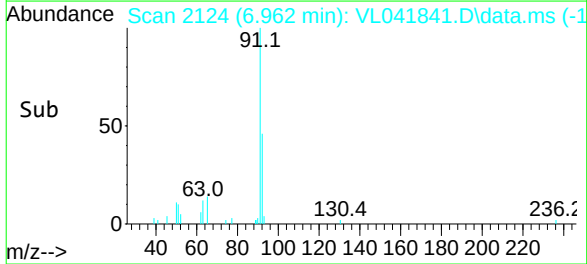
92 3.0 47.8 71.6

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Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#54

1,2-Dibromoethane

Concen: 0.484 ppbv m

RT: 7.681 min Scan# 2346

Delta R.T. 0.006 min

Lab File: VL041841.D

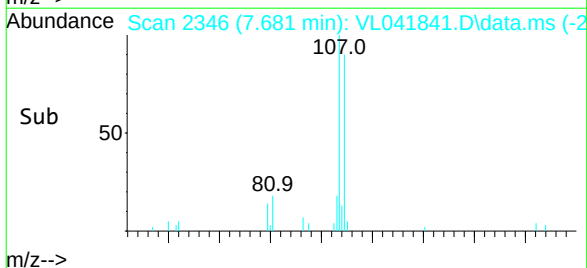
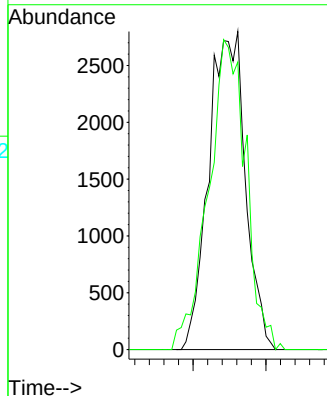
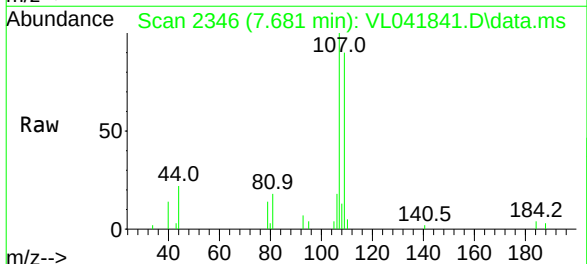
Acq: 07 Jan 2025 10:52

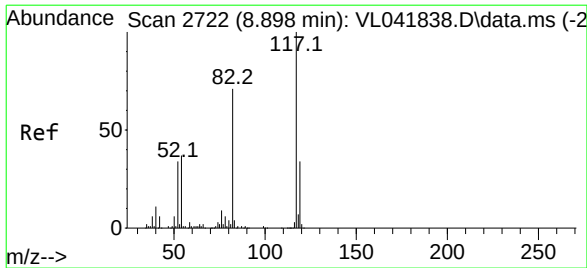
Tgt Ion:107 Resp: 4885

Ion Ratio Lower Upper

107 100

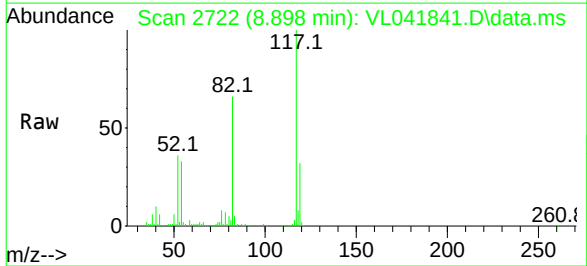
109 90.4 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.898 min Scan# 2722
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

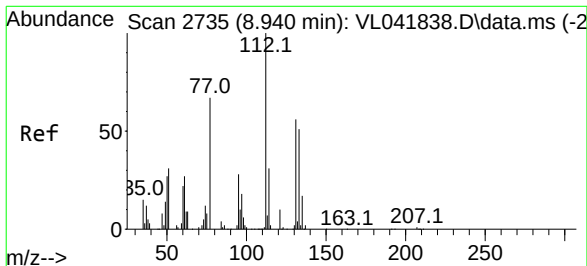
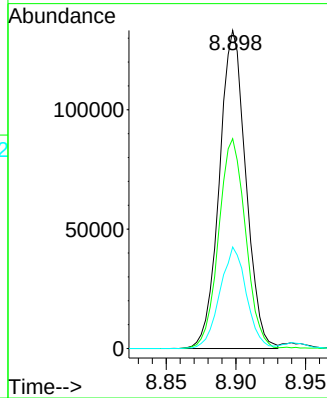
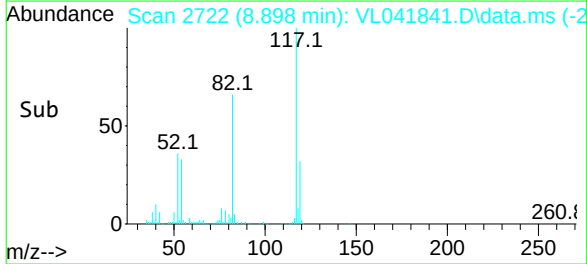
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 175693
Ion Ratio Lower Upper
117 100
82 67.4 59.1 88.7
119 33.8 27.3 40.9

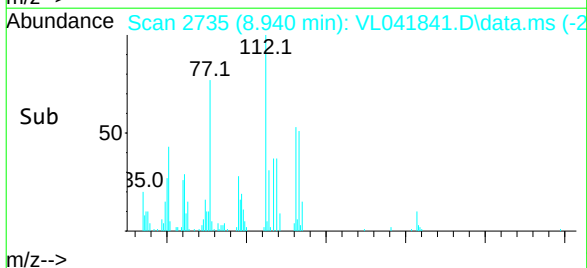
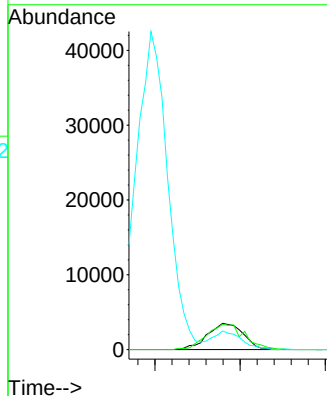
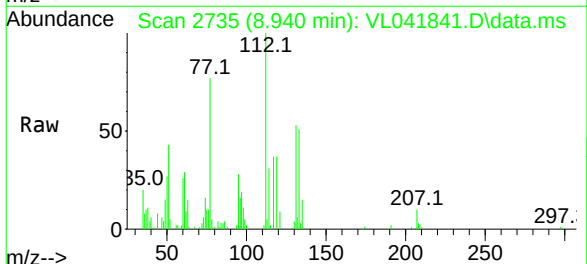
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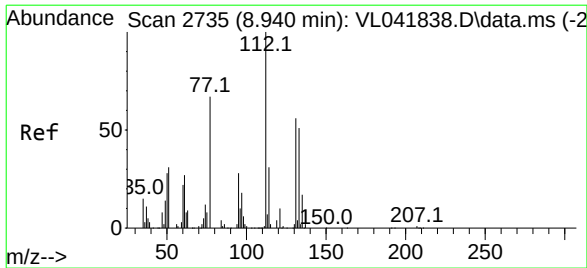
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 0.511 ppbv
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:131 Resp: 5115
Ion Ratio Lower Upper
131 100
133 103.2 77.3 115.9
119 1159.7 50.6 76.0#





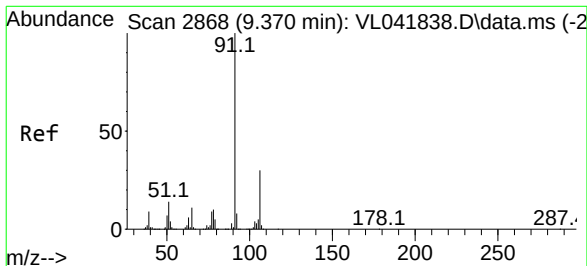
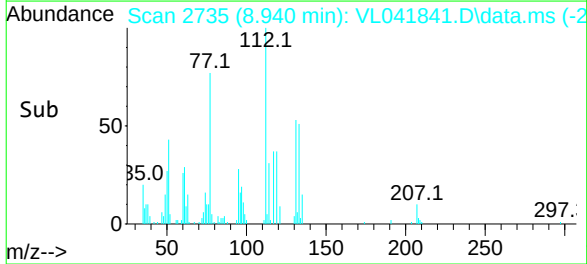
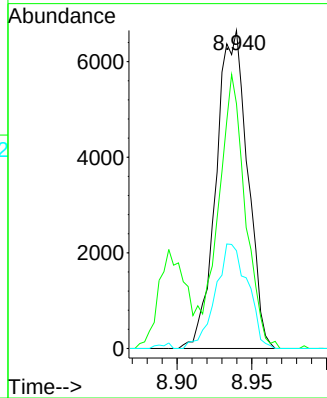
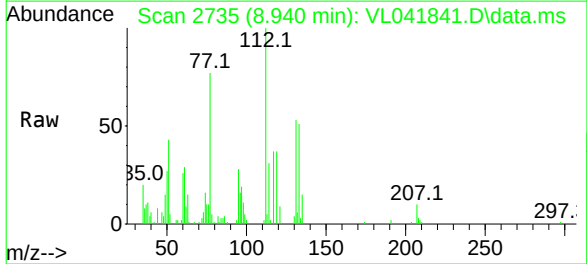
#57
Chlorobenzene
Concen: 0.530 ppbv m
RT: 8.940 min Scan# 2735
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:	112	Resp:	9721
Ion Ratio	Lower	Upper	
112	100		
77	76.9	55.1	82.7
114	30.7	28.3	34.5

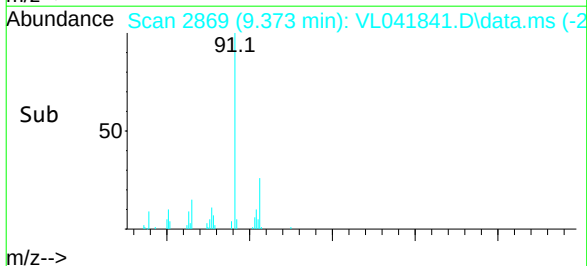
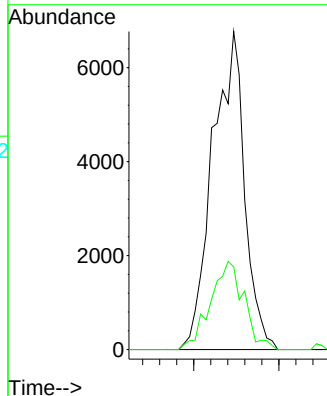
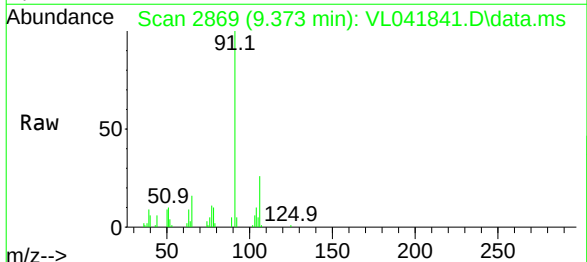
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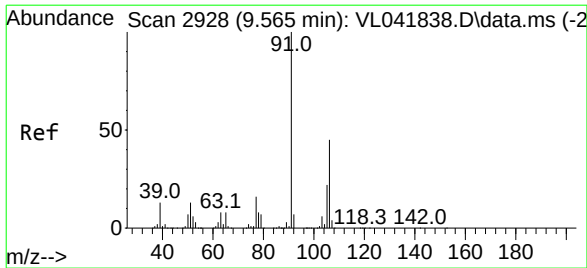
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 0.368 ppbv
RT: 9.373 min Scan# 2869
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

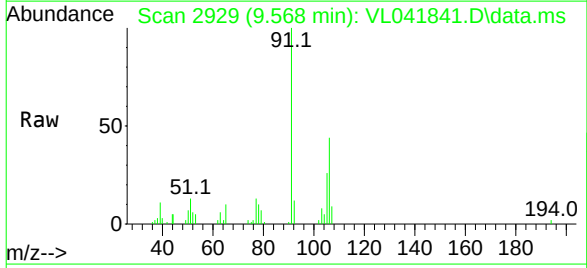
Tgt Ion:	91	Resp:	8814
Ion Ratio	Lower	Upper	
91	100		
106	26.0	23.8	35.8





#59
m/p-Xylene
Concen: 0.663 ppbv m
RT: 9.568 min Scan# 2928
Delta R.T. 0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

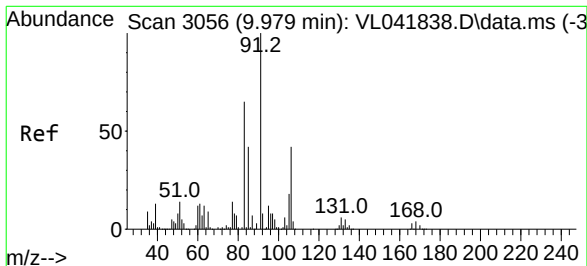
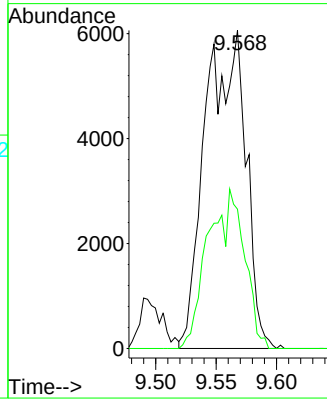
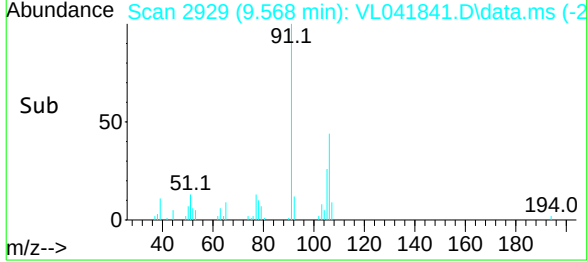
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 91 Resp: 14012
Ion Ratio Lower Upper
91 100
106 45.7 36.7 55.1

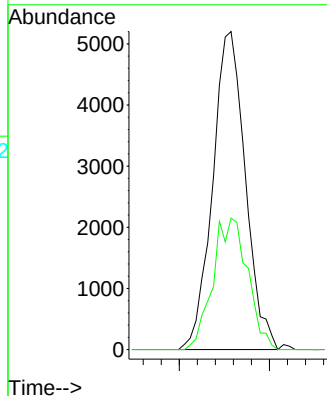
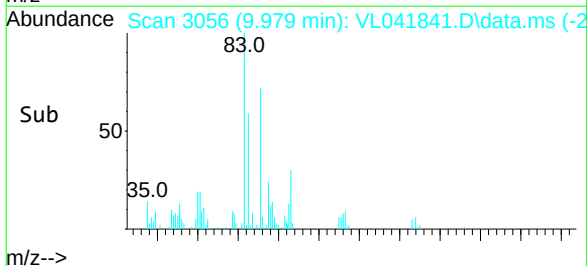
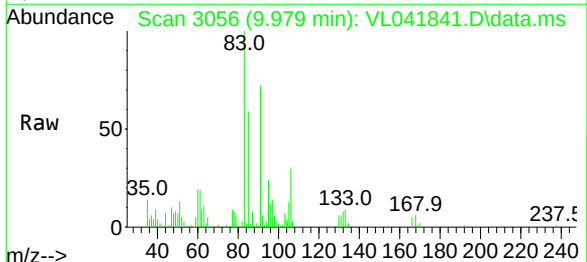
Manual Integrations
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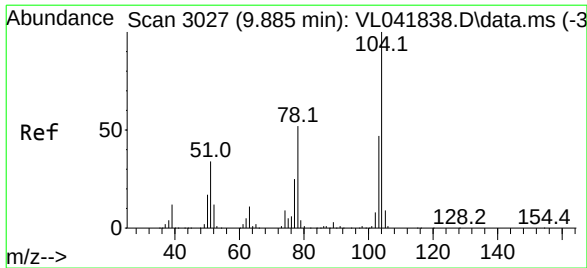
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 0.319 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion: 91 Resp: 6551
Ion Ratio Lower Upper
91 100
106 44.0 21.9 65.5





#61

Styrene

Concen: 0.348 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

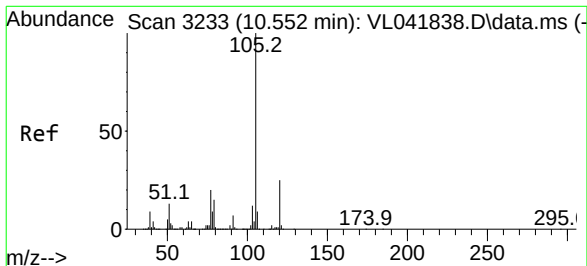
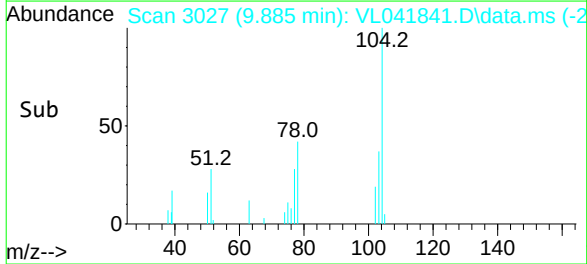
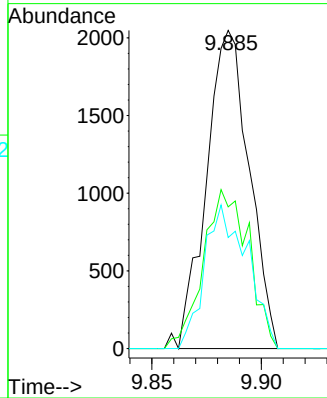
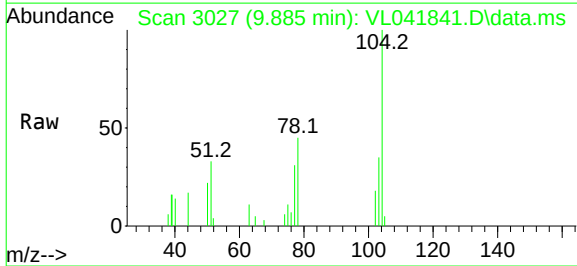
VSTDIC0.5

Tgt Ion:	104	Resp:	2777
Ion	Ratio	Lower	Upper
104	100		
78	52.9	42.7	64.1
103	45.3	37.8	56.6

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.388 ppbv

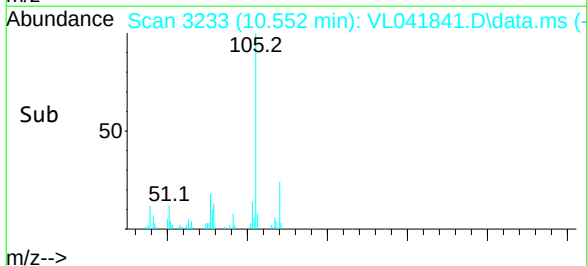
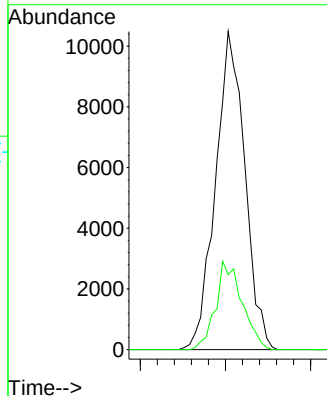
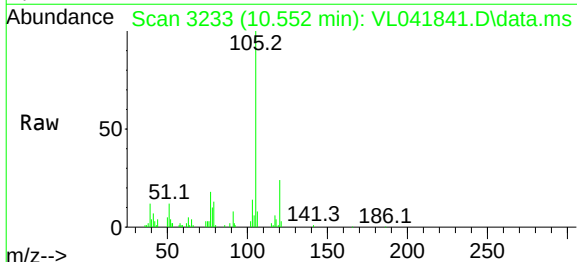
RT: 10.552 min Scan# 3233

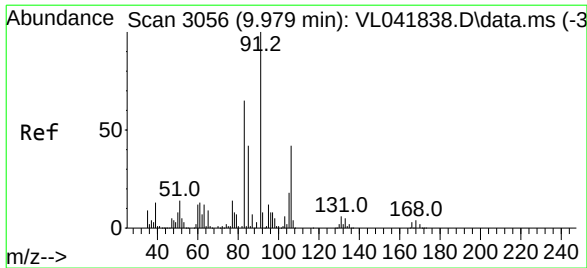
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

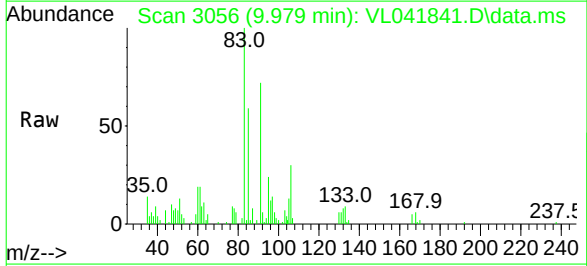
Tgt Ion:	105	Resp:	12528
Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.4	30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.495 ppbv
RT: 9.979 min Scan# 3056
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

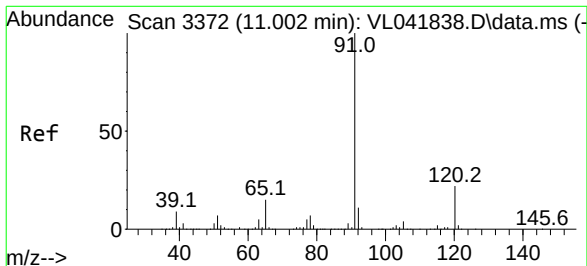
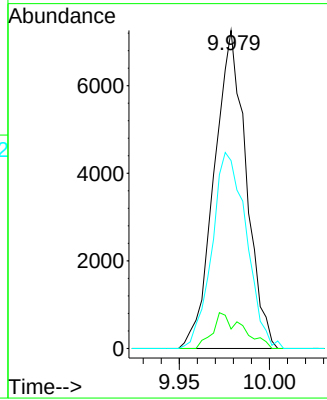
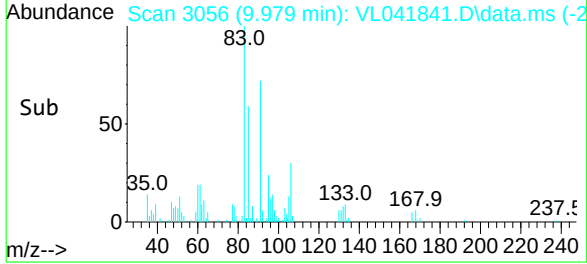
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



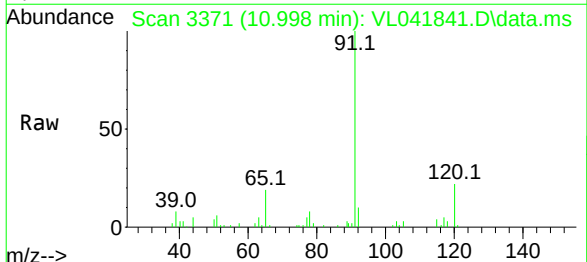
Tgt Ion: 83 Resp: 8924
Ion Ratio Lower Upper
83 100
131 10.6 4.8 14.3
85 66.4 31.9 95.9

Manual Integrations
APPROVED

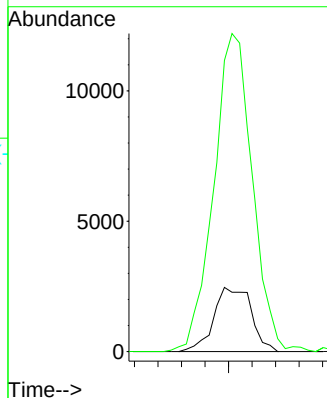
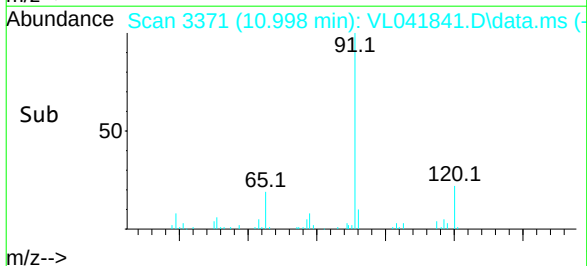
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

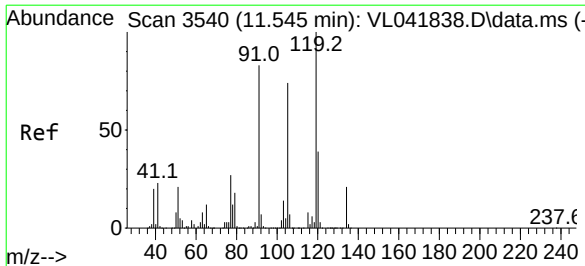


#64
n-propylbenzene
Concen: 0.328 ppbv m
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52



Tgt Ion:120 Resp: 2721
Ion Ratio Lower Upper
120 100
91 298.2 382.1 573.1#





#65

tert-Butylbenzene

Concen: 0.320 ppbv

RT: 11.542 min Scan# 3540

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

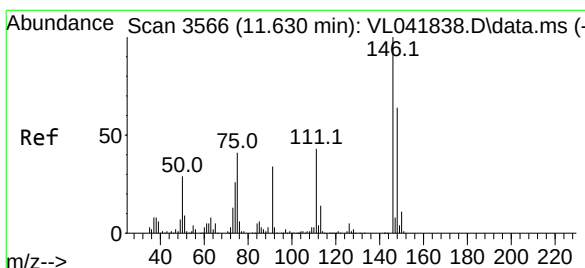
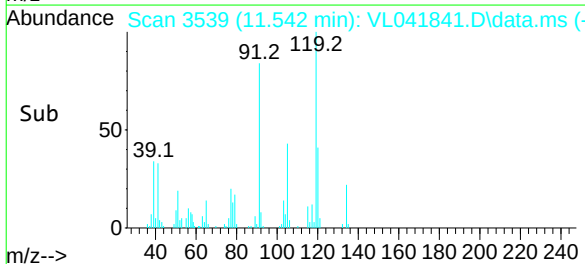
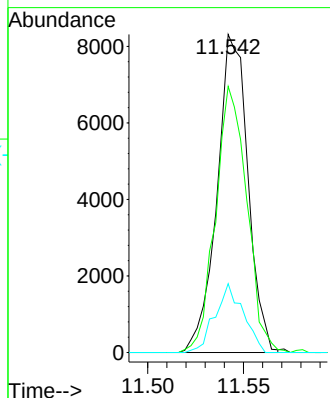
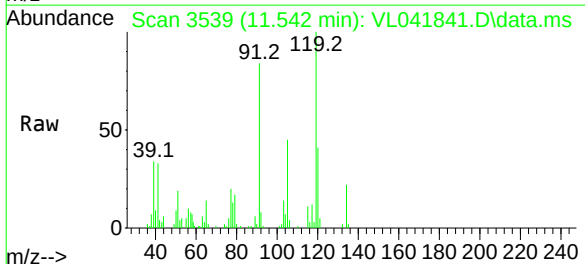
Tgt	Ion:	119	Resp:	9315
Ion	Ratio	Lower	Upper	
119	100			
91	85.0	68.0	102.0	
134	19.8	16.2	24.4	

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#66

Benzyl Chloride

Concen: 0.511 ppbv

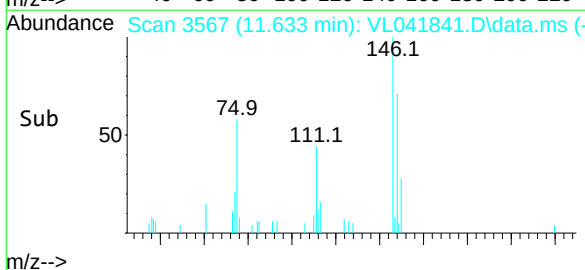
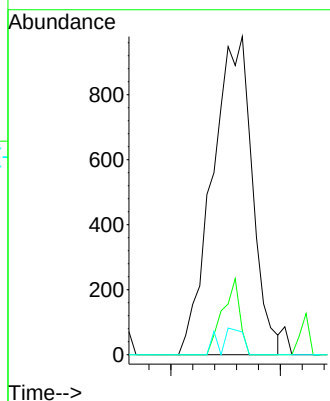
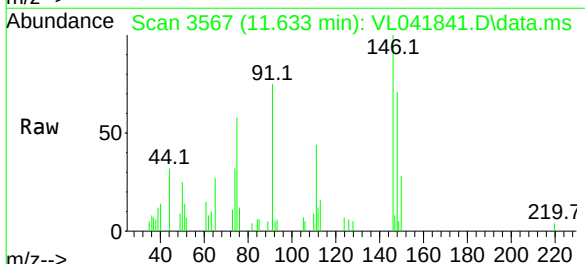
RT: 11.633 min Scan# 3567

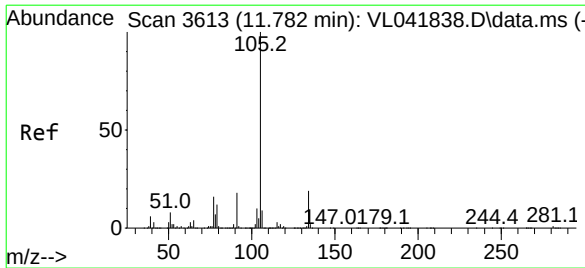
Delta R.T. 0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

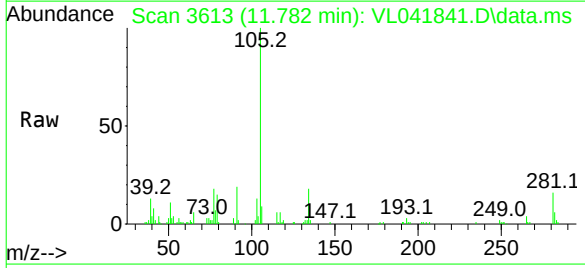
Tgt	Ion:	91	Resp:	1242
Ion	Ratio	Lower	Upper	
91	100			
126	10.3	12.1	18.1	#
128	4.7	4.3	6.5	





#67
 sec-Butylbenzene
 Concen: 0.337 ppbv
 RT: 11.782 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

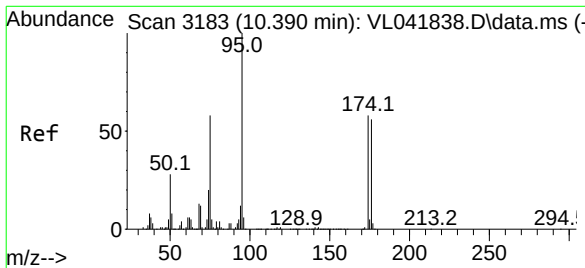
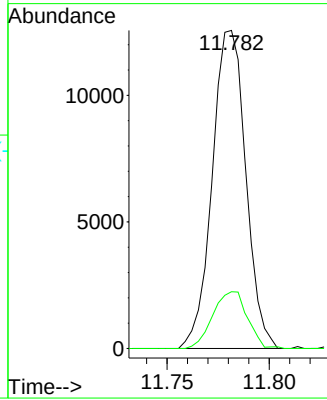
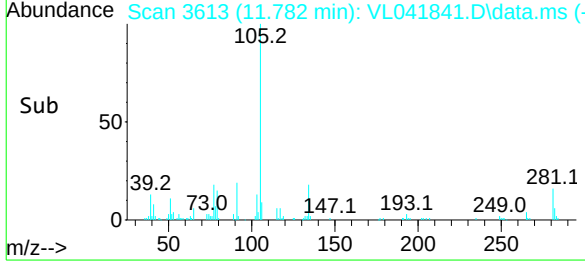
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



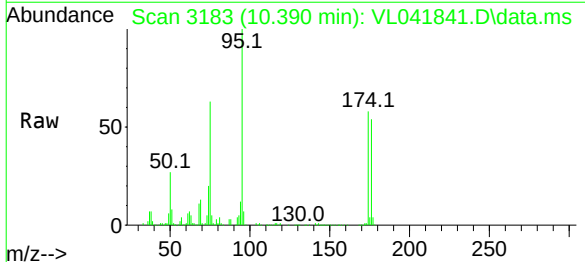
Tgt Ion: 105 Resp: 14329
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.6 22.0

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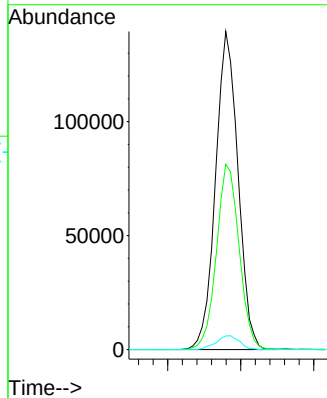
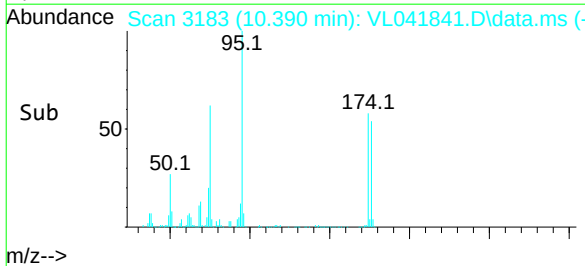
Reviewed By : Semsettin Yesilyurt 01/09/2025
 Supervised By : Mahesh Dadoda 01/09/2025

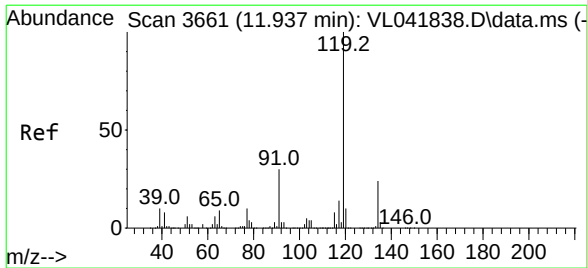


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.917 ppbv
 RT: 10.390 min Scan# 3183
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52



Tgt Ion: 95 Resp: 149231
 Ion Ratio Lower Upper
 95 100
 174 59.0 47.6 71.4
 175 4.6 3.8 5.6





#69

p-Isopropyltoluene

Concen: 0.305 ppbv

RT: 11.940 min Scan# 3661

Delta R.T. 0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

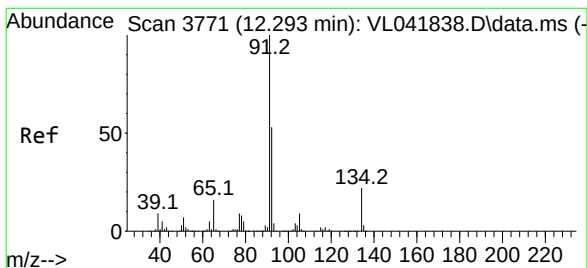
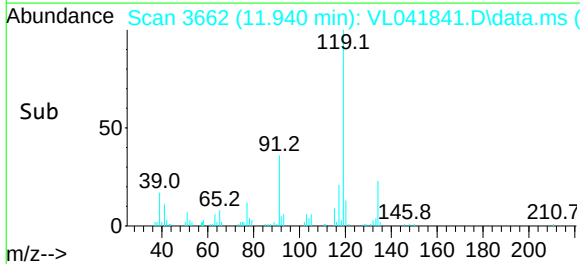
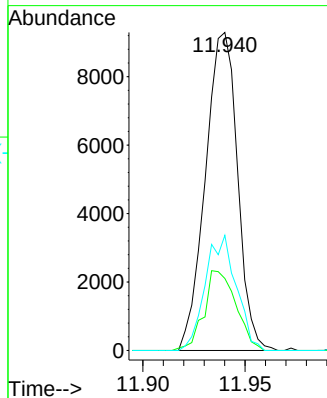
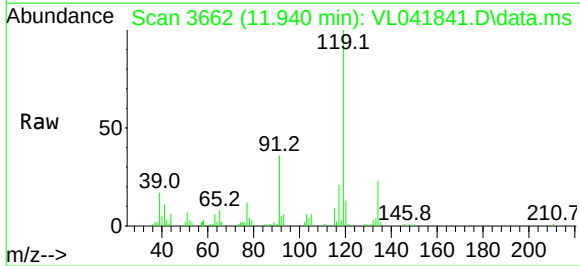
VSTDICC0.5

Tgt Ion:	119	Resp:	10167
Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.4	29.2
91	35.0	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: 0.305 ppbv

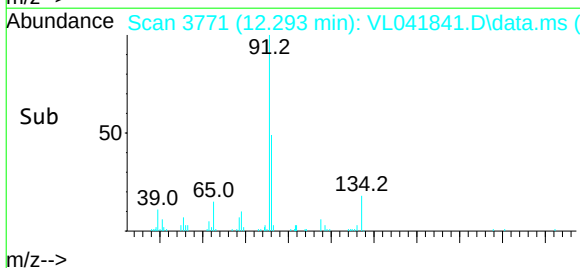
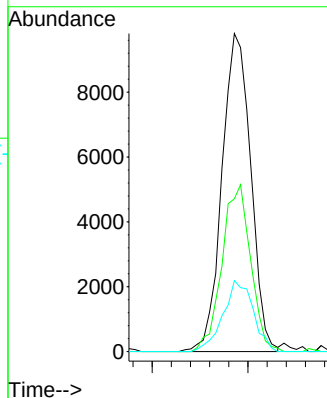
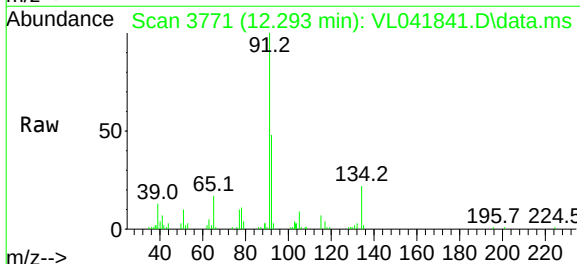
RT: 12.293 min Scan# 3771

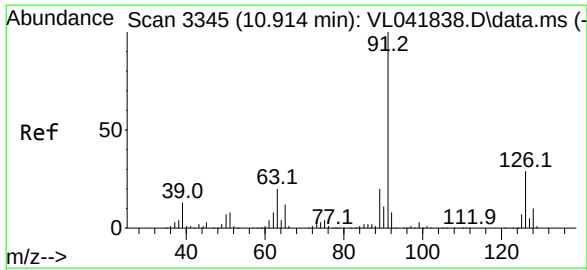
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	91	Resp:	10226
Ion	Ratio	Lower	Upper
91	100		
92	52.2	42.8	64.2
134	23.4	17.8	26.6





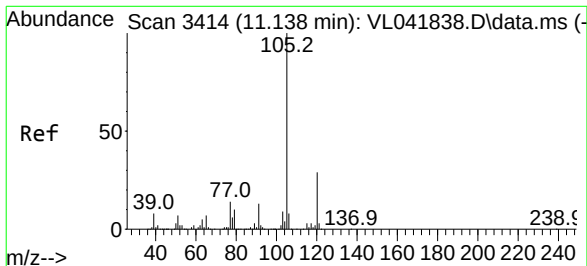
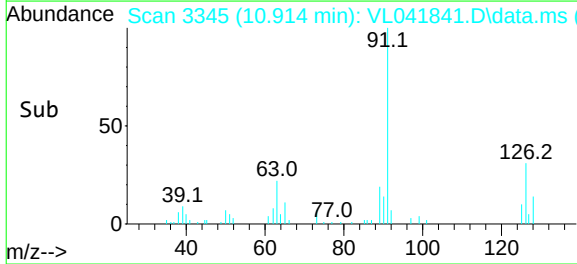
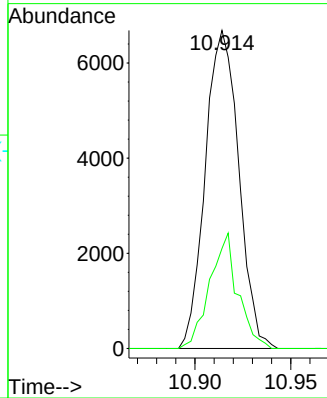
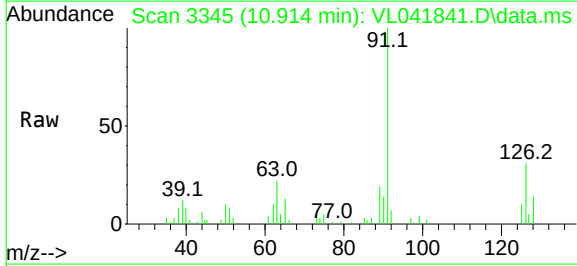
#71
2-Chlorotoluene
Concen: 0.346 ppbv
RT: 10.914 min Scan# 3345
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 8114
Ion Ratio Lower Upper
91 100
126 30.4 11.6 46.6

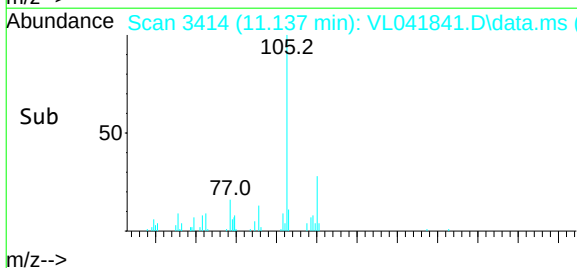
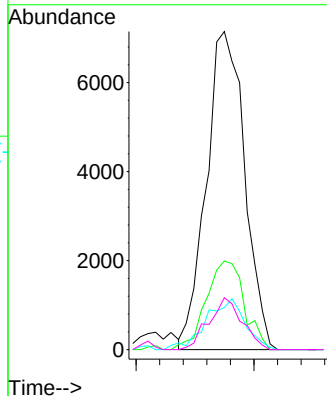
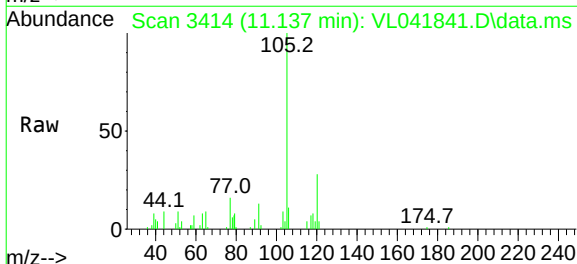
Manual Integrations
APPROVED

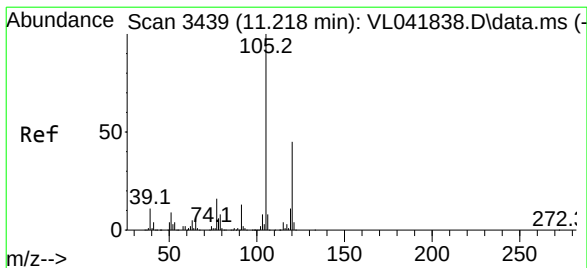
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#72
4-Ethyltoluene
Concen: 0.324 ppbv
RT: 11.137 min Scan# 3414
Delta R.T. -0.000 min
Lab File: VL041841.D
Acq: 07 Jan 2025 10:52

Tgt Ion:105 Resp: 8065
Ion Ratio Lower Upper
105 100
120 28.0 23.4 35.2
91 16.7 10.8 16.2#
77 15.0 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.329 ppbv

RT: 11.215 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

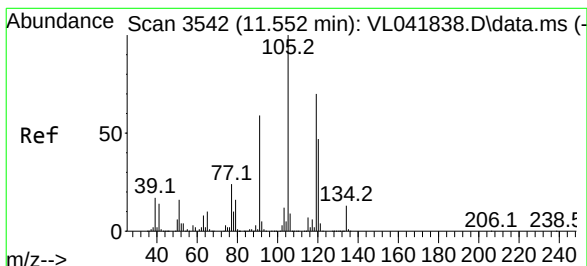
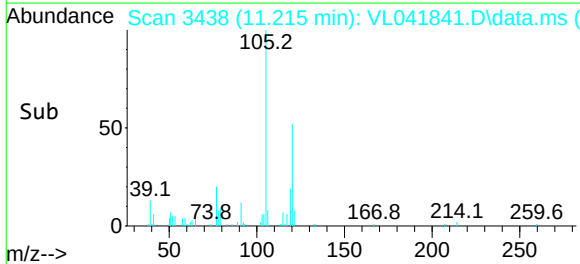
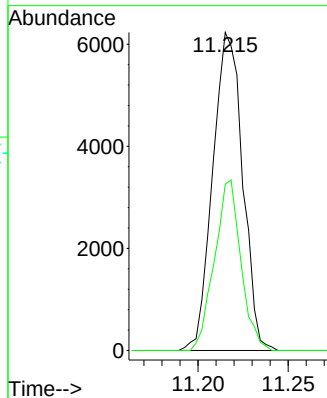
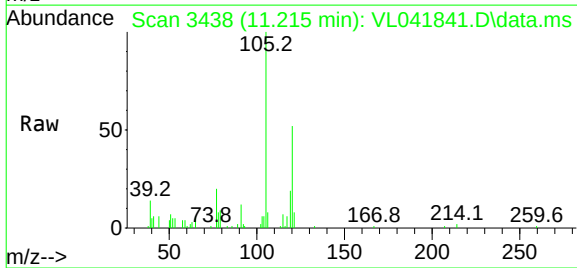
VSTDICC0.5

Tgt Ion:	105	Resp:	7174
Ion	Ratio	Lower	Upper
105	100		
120	52.3	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: 0.310 ppbv

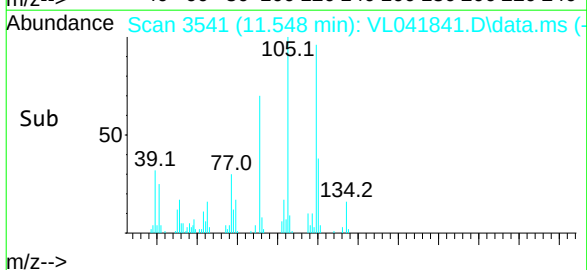
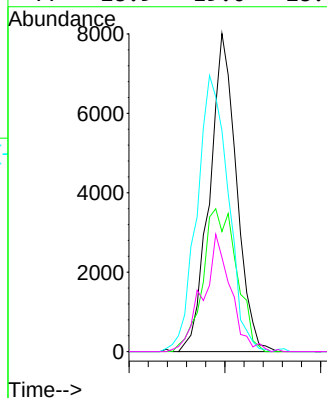
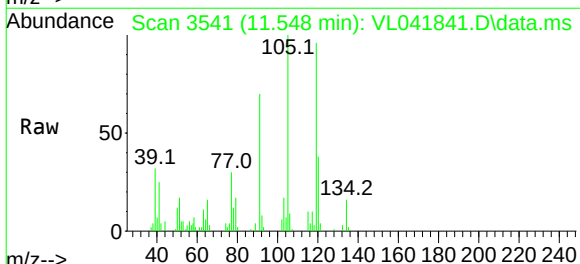
RT: 11.548 min Scan# 3541

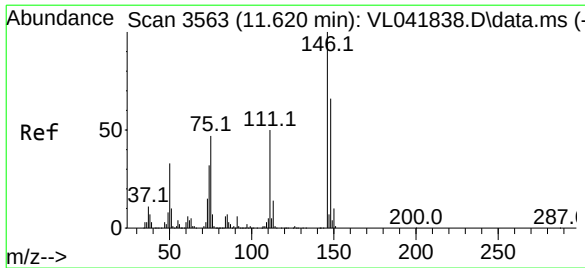
Delta R.T. -0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	105	Resp:	7816
Ion	Ratio	Lower	Upper
105	100		
120	37.7	37.4	56.0
91	68.8	47.4	71.2
77	28.9	19.0	28.6





#75

1,3-Dichlorobenzene

Concen: 0.456 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

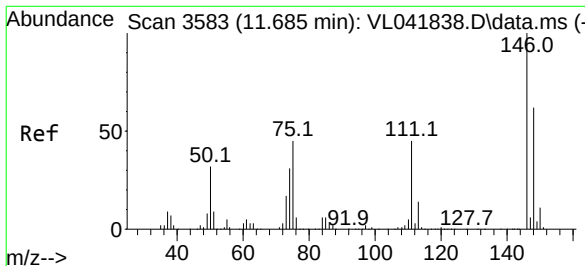
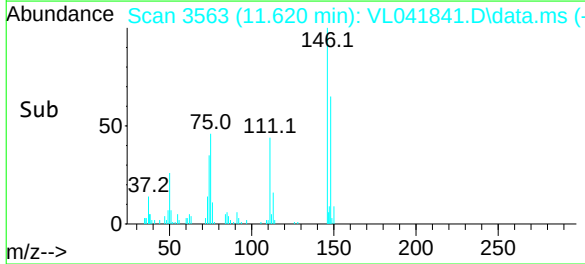
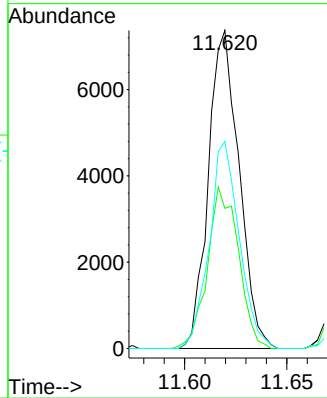
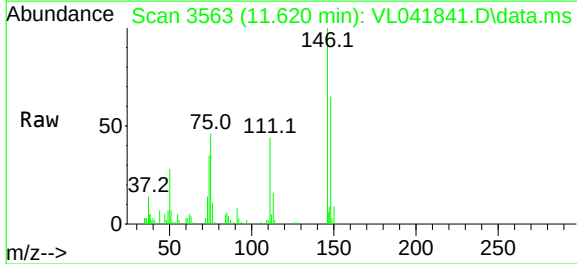
VSTDIC0.5

Tgt Ion:	146	Resp:	7704
Ion Ratio	Lower	Upper	
146	100		
111	51.2	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: 0.456 ppbv

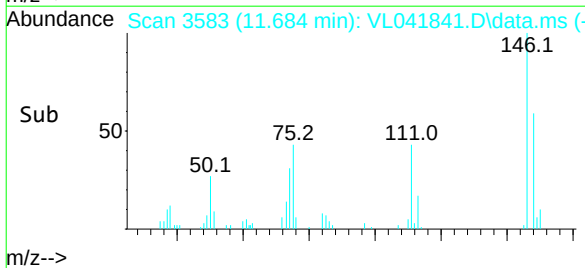
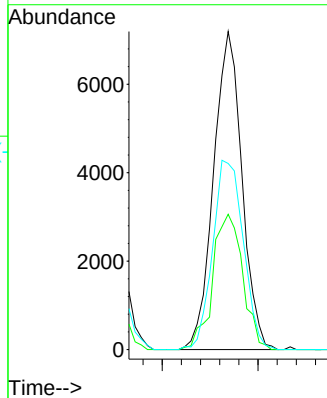
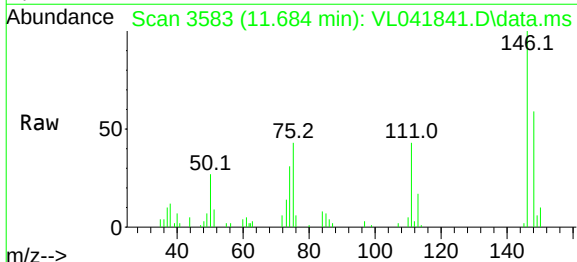
RT: 11.684 min Scan# 3583

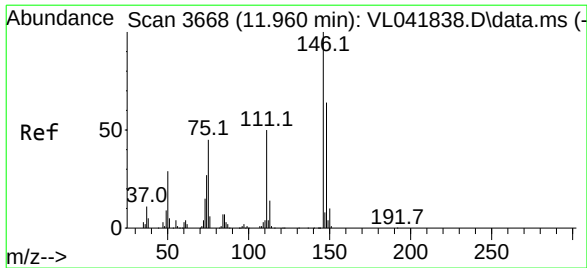
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	146	Resp:	7404
Ion Ratio	Lower	Upper	
146	100		
111	45.1	23.2	69.6
148	64.2	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 0.496 ppbv

RT: 11.960 min Scan# 3668

Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

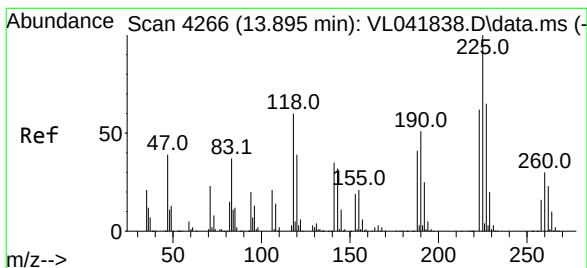
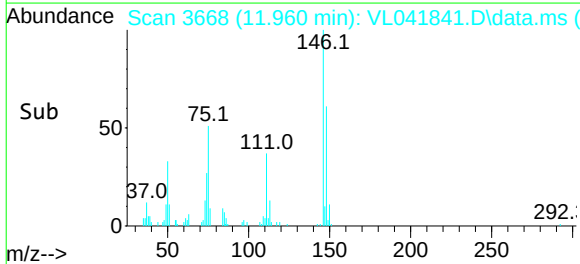
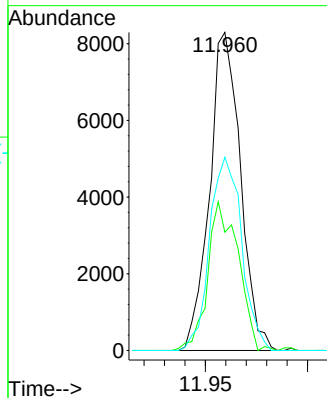
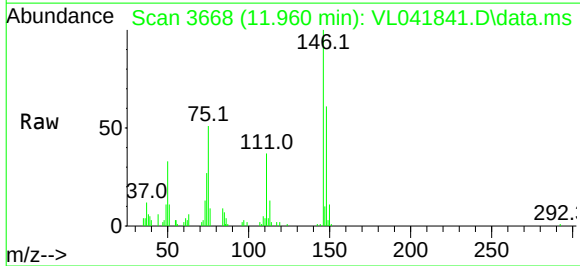
VSTDIC0.5

Tgt Ion:	146	Resp:	8725
Ion Ratio	Lower	Upper	
146	100		
111	46.1	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: 0.508 ppbv

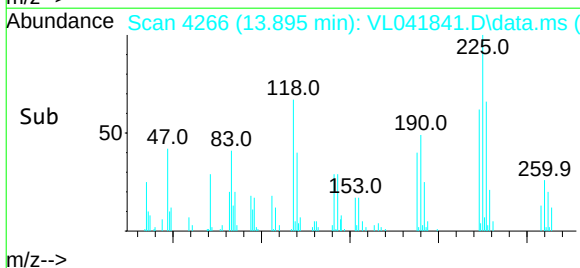
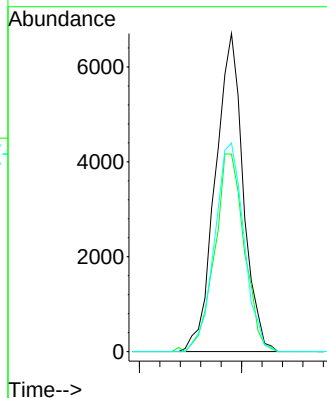
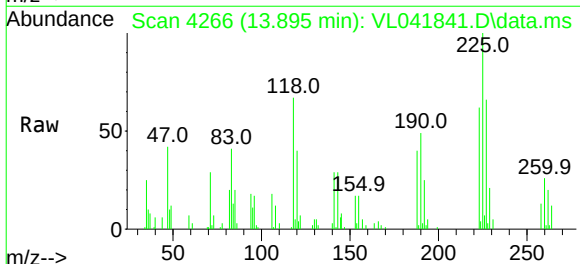
RT: 13.895 min Scan# 4266

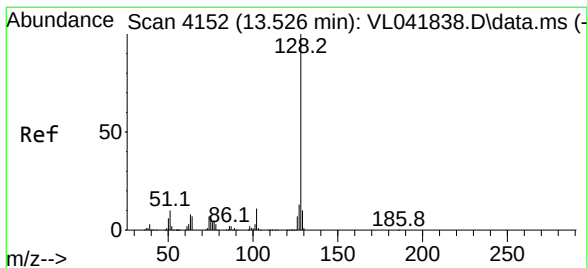
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Tgt Ion:	225	Resp:	6344
Ion Ratio	Lower	Upper	
225	100		
223	66.0	50.4	75.6
227	69.1	51.2	76.8





#79

Naphthalene

Concen: 0.325 ppbv

RT: 13.529 min Scan# 4152

Delta R.T. 0.003 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

Instrument :

MSVOA_L

ClientSampleId :

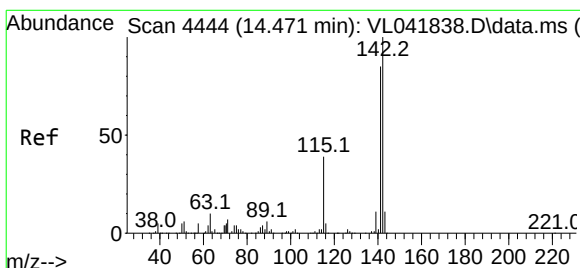
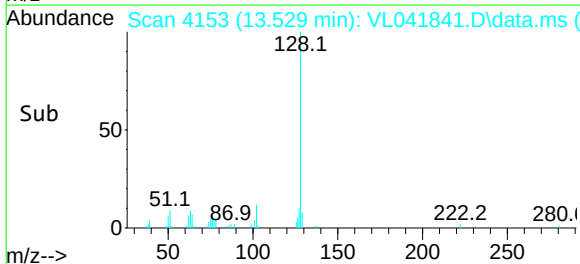
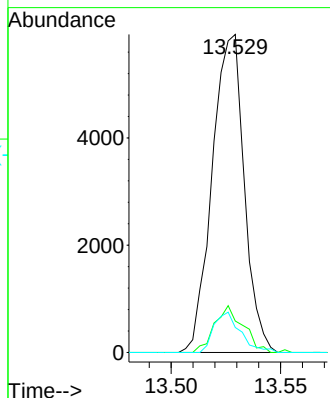
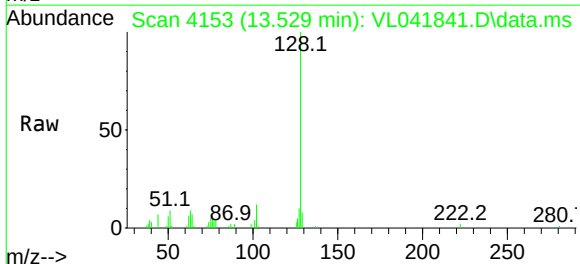
VSTDIC0.5

Tgt Ion:	128	Resp:	6035
Ion Ratio	Lower	Upper	
128	100		
127	9.9	10.5	15.7#
129	7.9	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: 0.351 ppbv

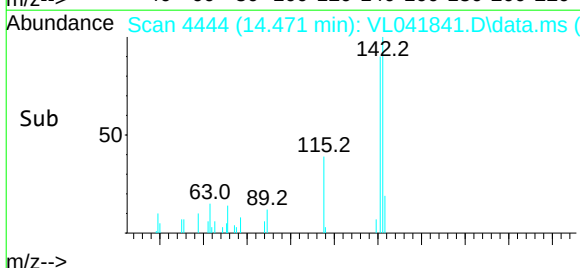
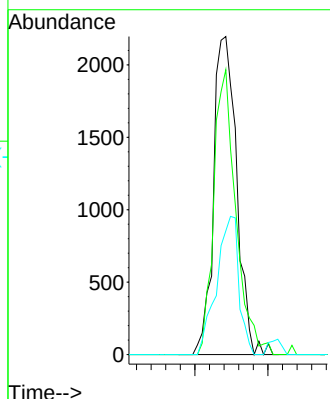
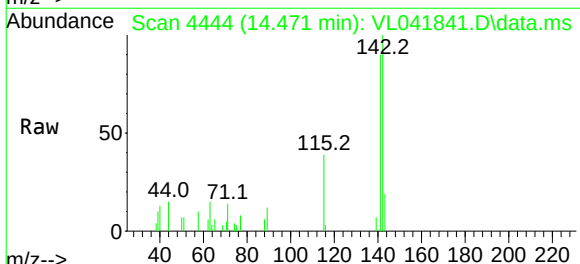
RT: 14.471 min Scan# 4444

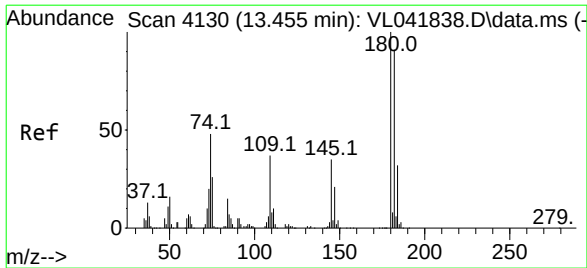
Delta R.T. -0.000 min

Lab File: VL041841.D

Acq: 07 Jan 2025 10:52

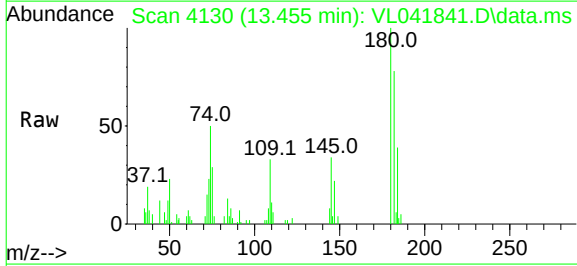
Tgt Ion:	142	Resp:	2415
Ion Ratio	Lower	Upper	
142	100		
141	86.2	67.8	101.8
115	41.9	32.6	48.8





#81
 1,2,4-Trichlorobenzene
 Concen: 0.412 ppbv
 RT: 13.455 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041841.D
 Acq: 07 Jan 2025 10:52

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:	180	Resp:	4239
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.9	113.9
184	32.9	24.8	37.2

Manual Integrations
 APPROVED

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

