

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041844.D
 Acq On : 07 Jan 2025 12:25
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

Quant Time: Jan 08 01:23:57 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	2.803	49	93311	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.981	114	214048	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.904	117	188085	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	169446	10.519	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.505	85	217118	14.181	ppbv	97
3) Chlorodifluoromethane	1.483	51	204247	13.962	ppbv	100
4) Chloromethane	1.538	50	91107	14.470	ppbv	98
5) Vinyl Chloride	1.586	62	81611	12.852	ppbv	98
6) Bromomethane	1.674	94	37525	13.796	ppbv	94
7) Chloroethane	1.712	64	33831	13.840	ppbv	99
8) Dichlorotetrafluoroethane	1.560	85	191885	14.527	ppbv	99
9) Propene	1.489	41	76147	14.952	ppbv	100
10) Heptane	5.007	43	232968	18.518	ppbv	99
11) Trichlorofluoromethane	1.887	101	222468	14.290	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.149	101	165689	14.290	ppbv	100
13) Ethanol	1.729	45	4786	8.174	ppbv	95
14) Bromoethene	1.790	108	55728	14.681	ppbv	99
15) Acetone	1.842	43	203219	11.829	ppbv	97
16) 1,3-Butadiene	1.615	39	96407	14.311	ppbv	99
17) tert-Butyl alcohol	2.049	59	210612	14.149	ppbv	100
18) 1,1-Dichloroethene	2.046	96	68995	14.213	ppbv	95
19) Isopropyl Alcohol	1.894	45	100236	12.430	ppbv	100
20) Methylene Chloride	2.072	84	62016	12.627	ppbv	96
21) Allyl Chloride	2.107	41	135077	15.264	ppbv	98
22) trans-1,2-Dichloroethene	2.353	96	76536	14.107	ppbv	92
23) Vinyl Acetate	2.476	43	87069	15.804	ppbv	99
24) 1,1-Dichloroethane	2.421	63	172210	14.503	ppbv	100
25) Ethyl Acetate	2.848	43	459657	15.955	ppbv	99
26) Hexane	2.842	57	168383	16.841	ppbv	100
27) Carbon Disulfide	2.162	76	165817	17.474	ppbv	98
28) Methyl tert-Butyl Ether	2.454	73	105985	14.065	ppbv	99
29) Chloroform	2.865	83	262539	14.134	ppbv	98
30) Cyclohexane	3.881	84	135635	17.879	ppbv	99
31) cis-1,2-Dichloroethene	2.735	61	162395	15.779	ppbv	98
32) 1,1,1-Trichloroethane	3.386	97	249799	14.840	ppbv	100
34) 2-Butanone	2.570	43	261912	15.534	ppbv	98
35) Carbon Tetrachloride	3.784	117	261173	16.145	ppbv	97
36) Benzene	3.677	78	331869	16.230	ppbv	99
37) 1,2-Dichloroethane	3.237	62	207949	15.469	ppbv	100
38) Trichloroethene	4.577	130	125492	15.656	ppbv	96
39) 1,2-Dichloropropane	4.337	63	122940	15.543	ppbv	98
40) 1,4-Dioxane	4.609	88	55317	18.048	ppbv #	95
41) Tetrahydrofuran	3.068	42	145035	18.249	ppbv	100
42) Bromodichloromethane	4.519	83	265034	16.811	ppbv	98
43) Methyl Methacrylate	4.913	69	127306	19.826	ppbv	98
44) 2,2,4-Trimethylpentane	4.667	57	589679	17.503	ppbv	99
45) t-1,3-Dichloropropene	6.451	75	120537	19.228	ppbv	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041844.D
 Acq On : 07 Jan 2025 12:25
 Operator : SY/MD
 Sample : VSTDICC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC015

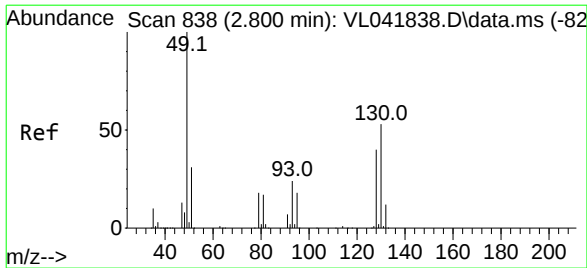
Manual Integrations
 APPROVED

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

Quant Time: Jan 08 01:23:57 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

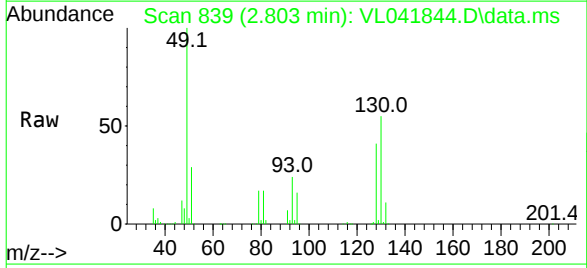
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.635	75	156300	18.952	ppbv	98
47) 1,1,2-Trichloroethane	6.613	97	129484	15.477	ppbv	97
48) Dibromochloromethane	7.415	129	194367	18.252	ppbv	100
49) Bromoform	9.503	173	165226	19.360	ppbv	99
50) 4-Methyl-2-Pentanone	5.790	43	373823	19.190	ppbv	100
51) 2-Hexanone	7.464	43	306279	20.756	ppbv	98
52) Tetrachloroethene	8.250	164	105951	17.472	ppbv	97
53) Toluene	6.962	91	360317	19.776	ppbv	99
54) 1,2-Dibromoethane	7.677	107	172958	16.883	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.946	131	164661	15.360	ppbv	99
57) Chlorobenzene	8.943	112	293187	14.921	ppbv	95
58) Ethyl Benzene	9.377	91	515403	20.106	ppbv	99
59) m/p-Xylene	9.571	91	880667m	38.901	ppbv	
60) o-Xylene	9.985	91	434378	19.735	ppbv	100
61) Styrene	9.891	104	191091	22.378	ppbv	100
62) Isopropylbenzene	10.558	105	648118	18.743	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.982	83	279419	14.477	ppbv	99
64) n-propylbenzene	11.005	120	167958	18.932	ppbv	100
65) tert-Butylbenzene	11.548	119	576406	18.498	ppbv	100
66) Benzyl Chloride	11.633	91	46260	17.763	ppbv	99
67) sec-Butylbenzene	11.785	105	829725	18.248	ppbv	100
69) p-Isopropyltoluene	11.943	119	691614	19.375	ppbv	99
70) n-Butylbenzene	12.296	91	698101	19.466	ppbv	99
71) 2-Chlorotoluene	10.917	91	486908	19.398	ppbv	99
72) 4-Ethyltoluene	11.141	105	534215	20.070	ppbv	99
73) 1,3,5-Trimethylbenzene	11.222	105	457438	19.622	ppbv	98
74) 1,2,4-Trimethylbenzene	11.555	105	496746	18.396	ppbv	95
75) 1,3-Dichlorobenzene	11.626	146	286905	15.874	ppbv	99
76) 1,4-Dichlorobenzene	11.688	146	289777	16.662	ppbv	99
77) 1,2-Dichlorobenzene	11.963	146	280054	14.870	ppbv	100
78) Hexachloro-1,3-Butadiene	13.898	225	191358	14.312	ppbv	99
79) Naphthalene	13.529	128	431155	21.675	ppbv	99
80) Naphthalene,2-methyl-	14.474	142	168205	22.846	ppbv	98
81) 1,2,4-Trichlorobenzene	13.455	180	191178	17.340	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.803 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

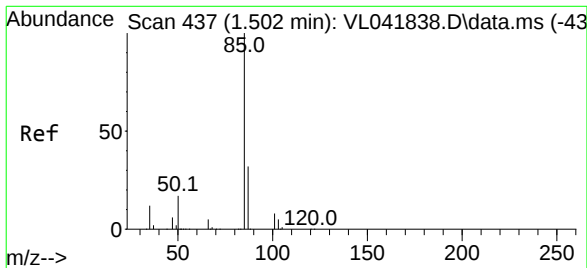
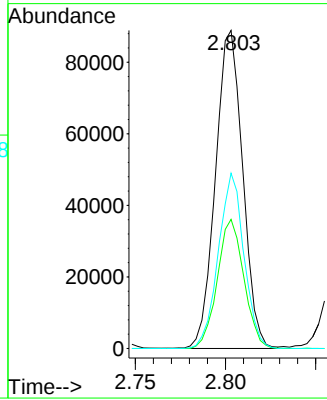
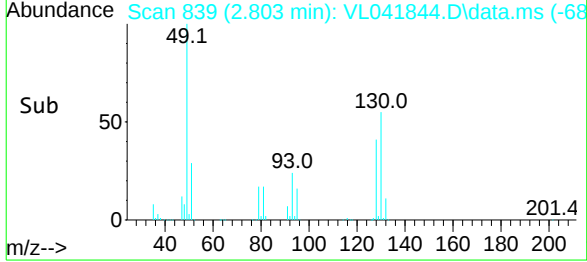
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion	Ratio	Lower	Upper
49	100		
128	39.6	19.7	59.1
130	51.9	26.4	79.2

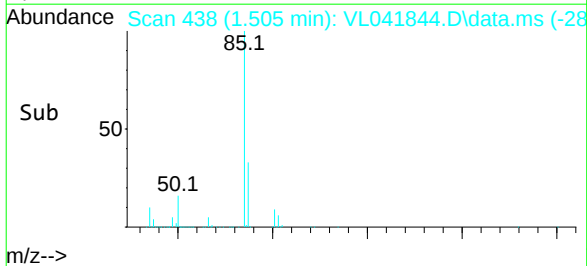
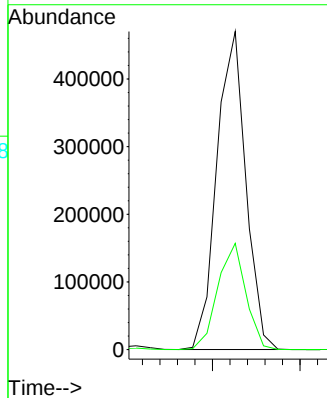
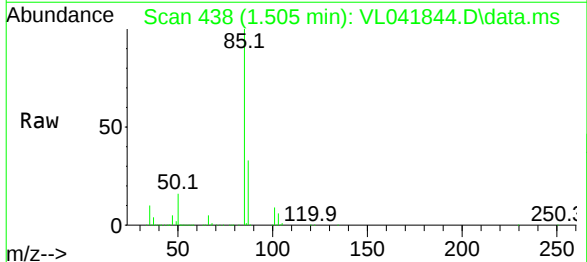
Manual Integrations
APPROVED

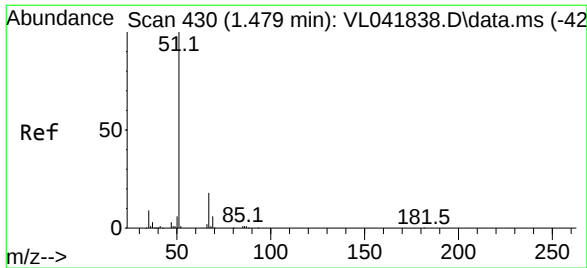
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#2
Dichlorodifluoromethane
Concen: 14.181 ppbv
RT: 1.505 min Scan# 438
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.4	25.6	38.4





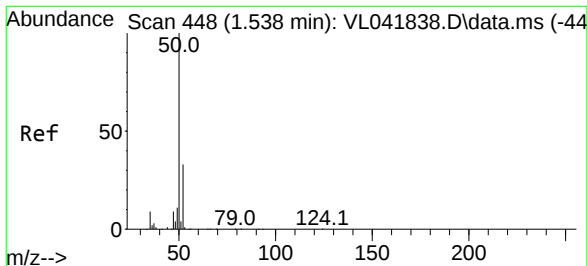
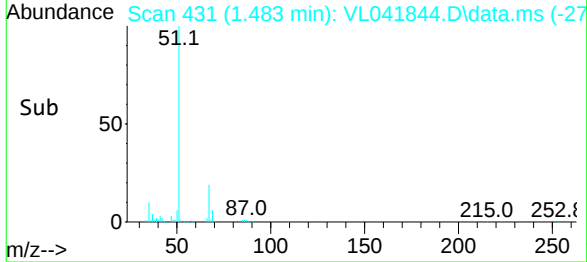
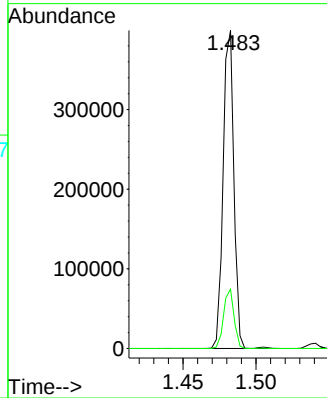
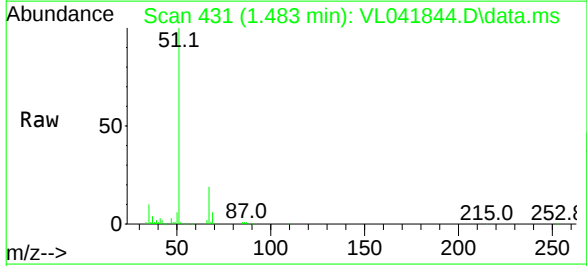
#3
Chlorodifluoromethane
Concen: 13.962 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 51 Resp: 204247
Ion Ratio Lower Upper
51 100
67 18.2 14.6 22.0

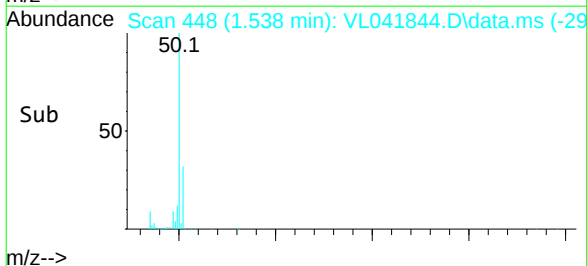
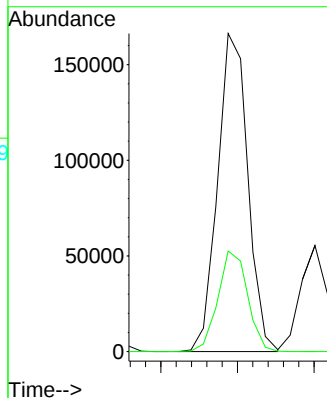
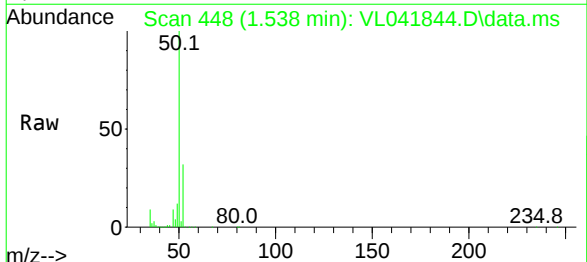
Manual Integrations
APPROVED

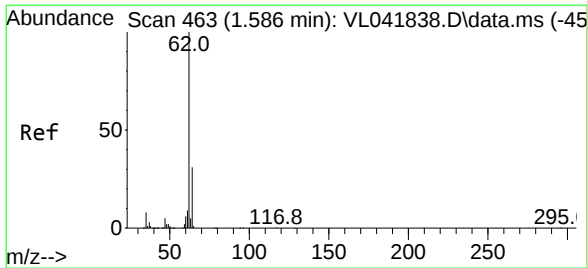
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#4
Chloromethane
Concen: 14.470 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 50 Resp: 91107
Ion Ratio Lower Upper
50 100
52 31.5 26.1 39.1





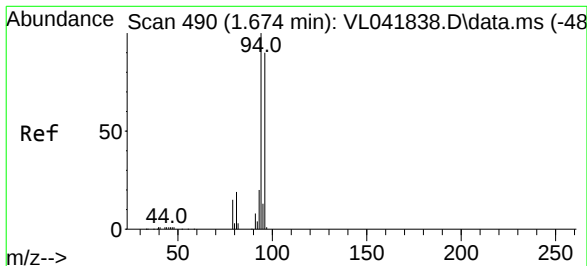
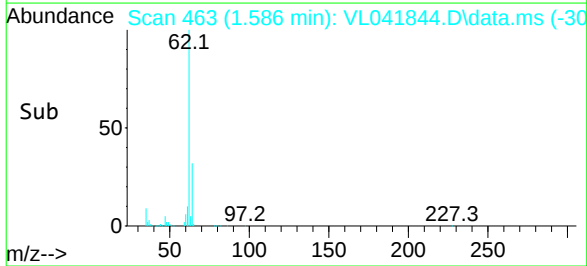
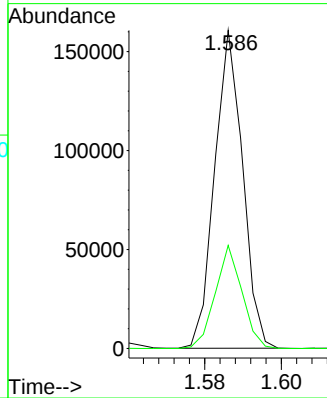
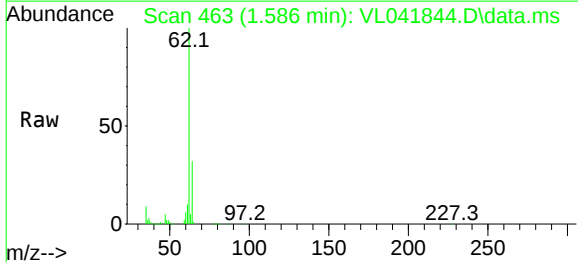
#5
 Vinyl Chloride
 Concen: 12.852 ppbv
 RT: 1.586 min Scan# 463
 Delta R.T. -0.000 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

Instrument : MSVOA_L
 ClientSampleId : VSTDIC015

Tgt Ion: 62 Resp: 81611
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.9 37.3

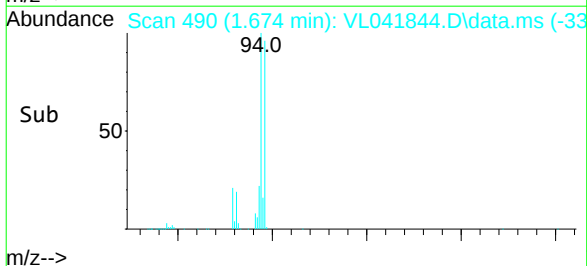
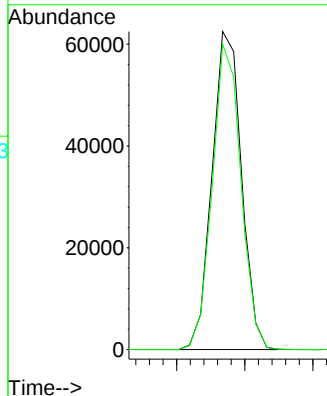
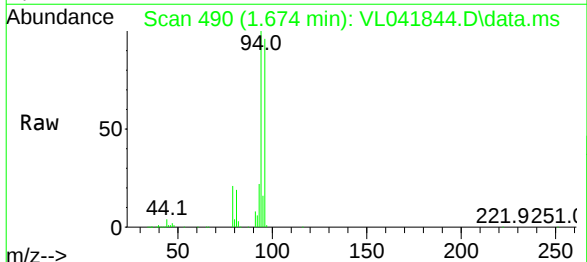
Manual Integrations
 APPROVED

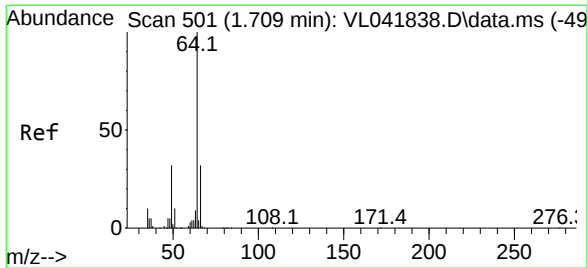
Reviewed By :Semsettin Yesilyurt 01/09/2025
 Supervised By :Mahesh Dadoda 01/09/2025



#6
 Bromomethane
 Concen: 13.796 ppbv
 RT: 1.674 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL041844.D
 Acq: 07 Jan 2025 12:25

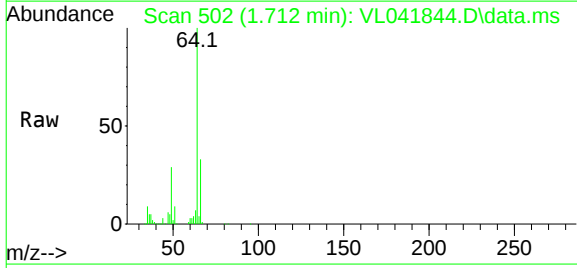
Tgt Ion: 94 Resp: 37525
 Ion Ratio Lower Upper
 94 100
 96 96.0 72.0 108.0





#7
Chloroethane
Concen: 13.840 ppbv
RT: 1.712 min Scan# 501
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

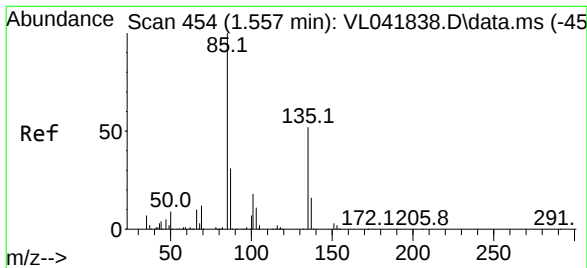
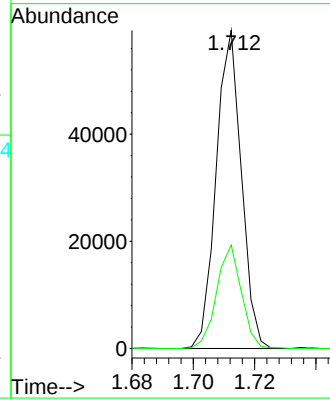
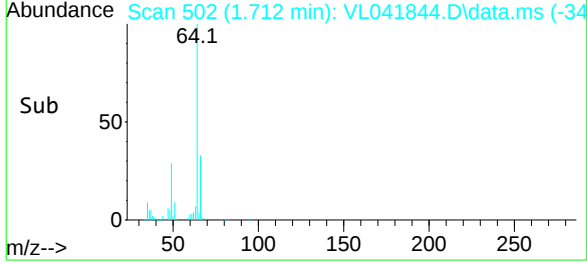
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 64 Resp: 33831
Ion Ratio Lower Upper
64 100
66 32.6 25.6 38.4

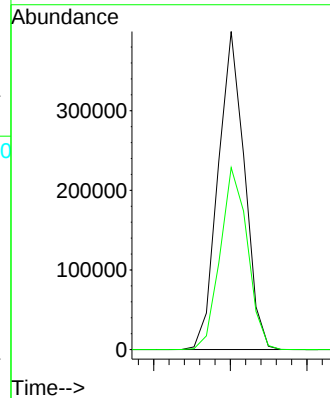
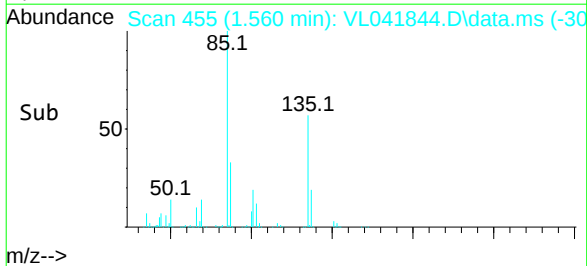
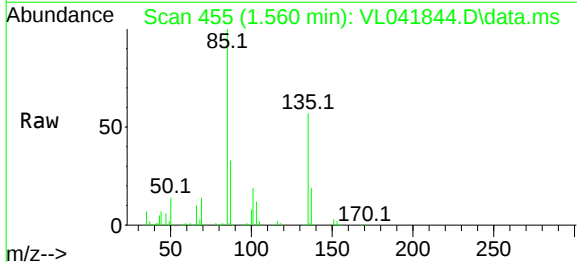
Manual Integrations
APPROVED

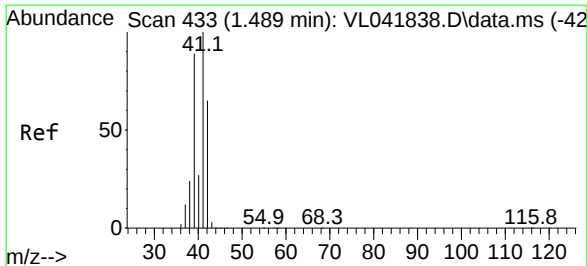
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#8
Dichlorotetrafluoroethane
Concen: 14.527 ppbv
RT: 1.560 min Scan# 455
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 85 Resp: 191885
Ion Ratio Lower Upper
85 100
135 59.0 47.9 71.9





#9

Propene

Concen: 14.952 ppbv

RT: 1.489 min Scan# 43

Delta R.T. -0.000 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 41 Resp: 76147

Ion Ratio Lower Upper

41 100

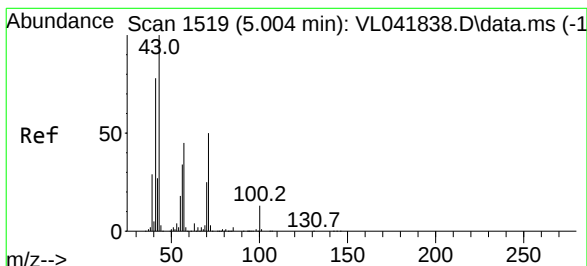
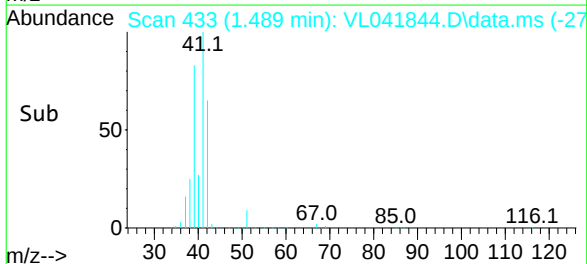
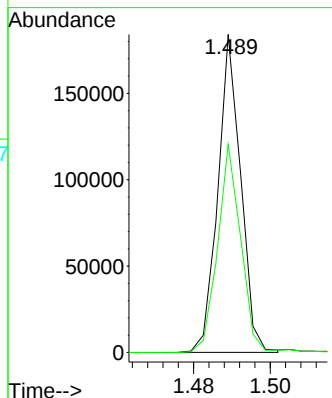
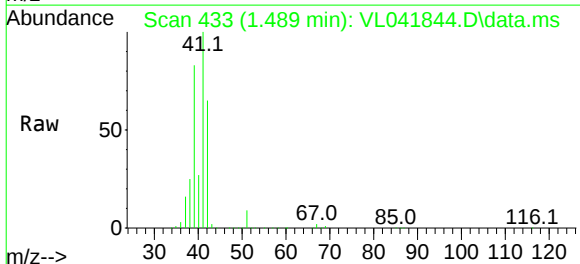
42 67.6 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#10

Heptane

Concen: 18.518 ppbv

RT: 5.007 min Scan# 1520

Delta R.T. 0.003 min

Lab File: VL041844.D

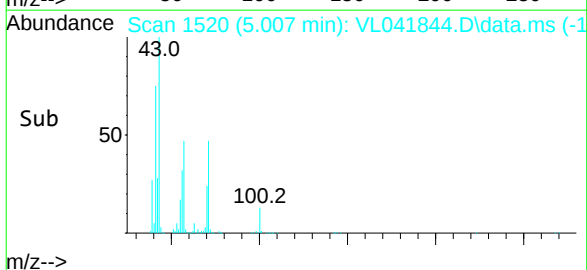
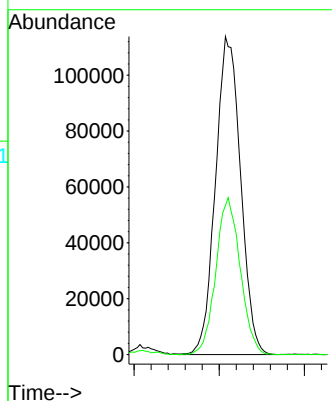
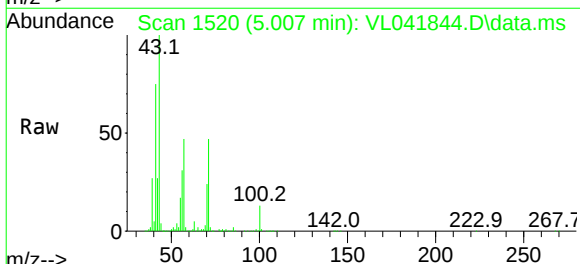
Acq: 07 Jan 2025 12:25

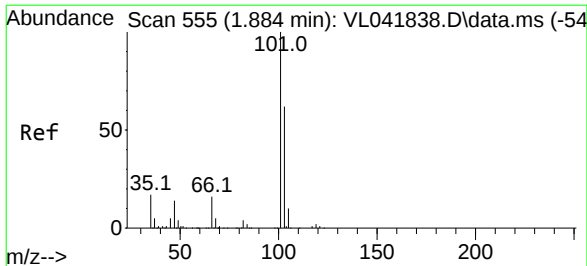
Tgt Ion: 43 Resp: 232968

Ion Ratio Lower Upper

43 100

57 47.9 37.8 56.6





#11

Trichlorofluoromethane

Concen: 14.290 ppbv

RT: 1.887 min Scan# 555

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion:101 Resp: 222468

Ion Ratio Lower Upper

101 100

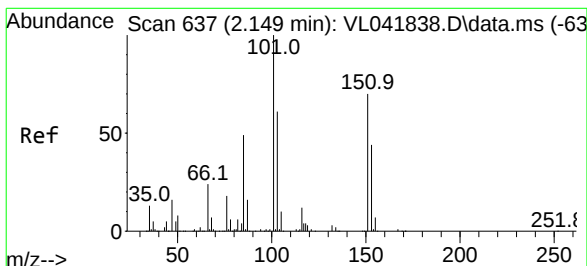
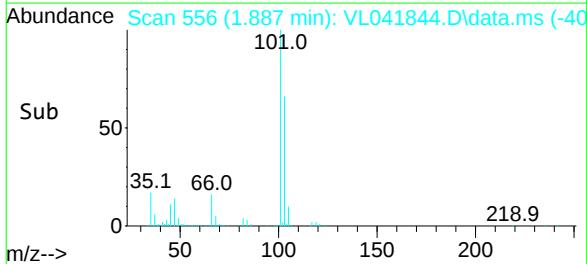
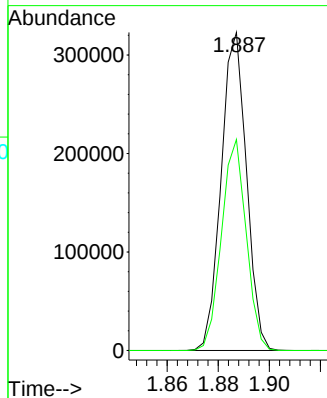
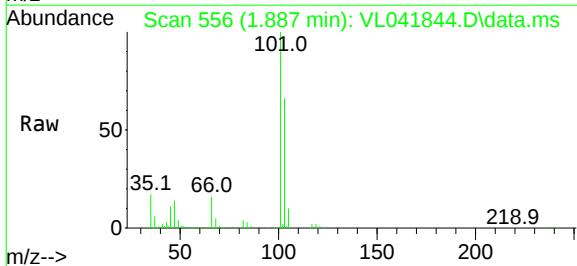
103 66.3 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 14.290 ppbv

RT: 2.149 min Scan# 637

Delta R.T. -0.000 min

Lab File: VL041844.D

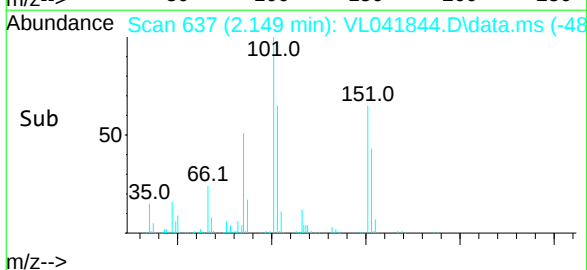
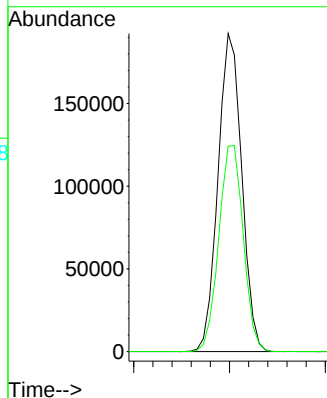
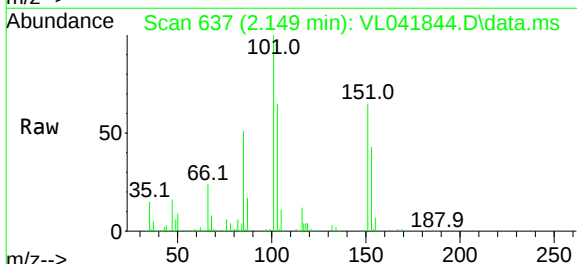
Acq: 07 Jan 2025 12:25

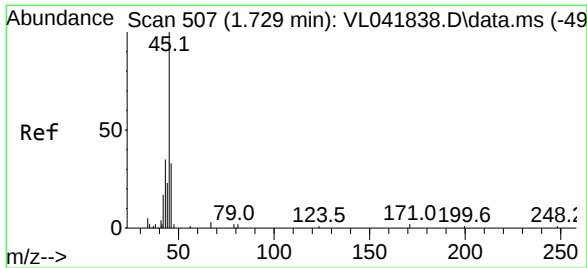
Tgt Ion:101 Resp: 165689

Ion Ratio Lower Upper

101 100

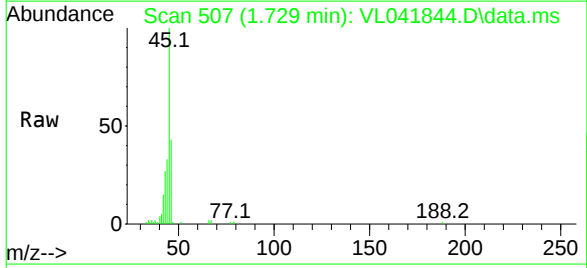
151 66.8 53.2 79.8





#13
Ethanol
Concen: 8.174 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

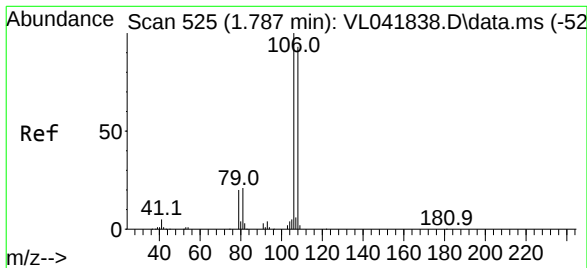
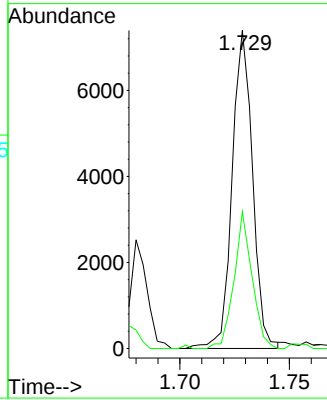
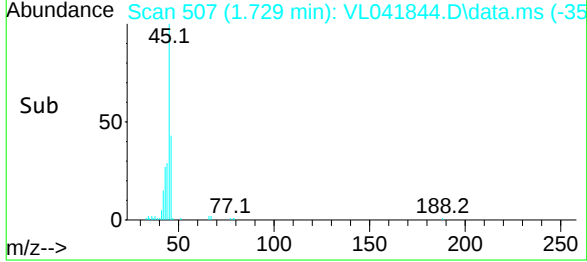
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



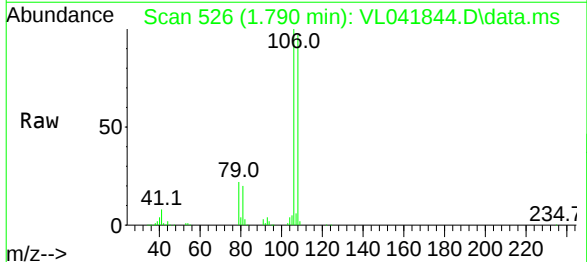
Tgt Ion: 45 Resp: 4786
Ion Ratio Lower Upper
45 100
46 39.3 14.6 58.2

Manual Integrations
APPROVED

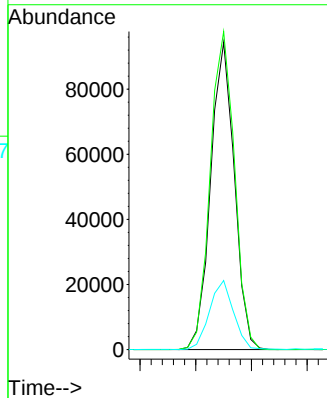
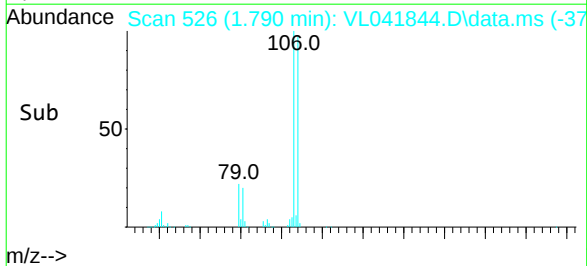
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

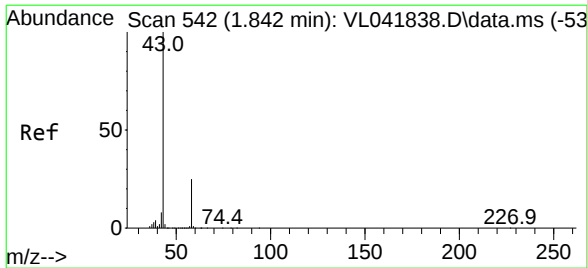


#14
Bromoethene
Concen: 14.681 ppbv
RT: 1.790 min Scan# 526
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



Tgt Ion:108 Resp: 55728
Ion Ratio Lower Upper
108 100
106 106.2 84.6 126.8
79 23.4 18.3 27.5





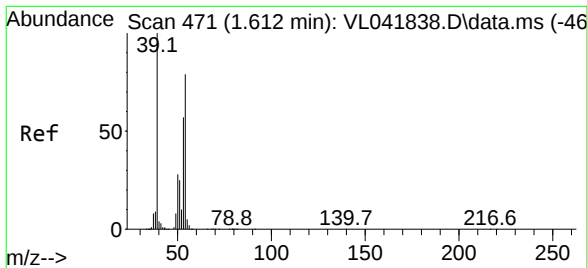
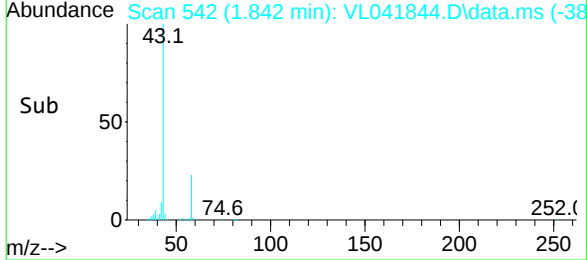
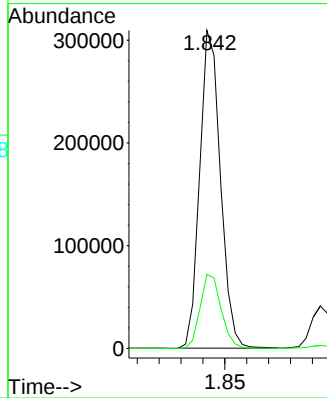
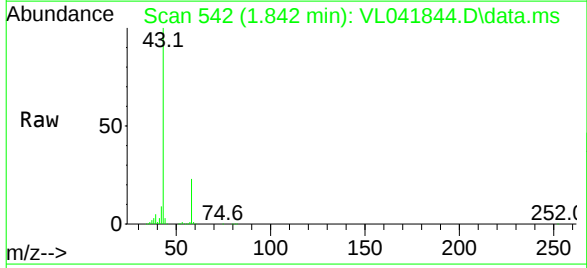
#15
Acetone
Concen: 11.829 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 203219
Ion Ratio Lower Upper
43 100
58 23.7 20.2 30.4

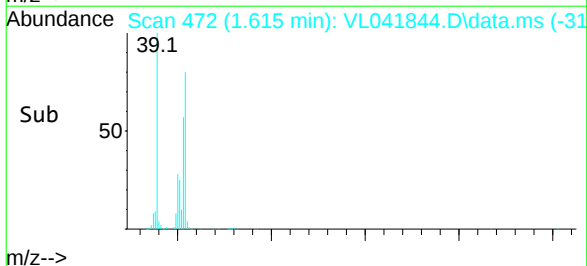
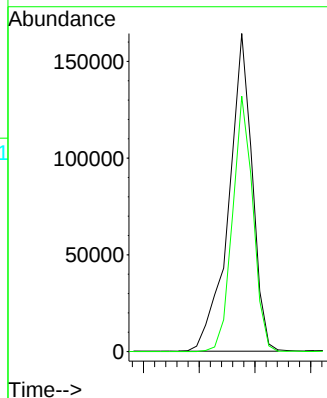
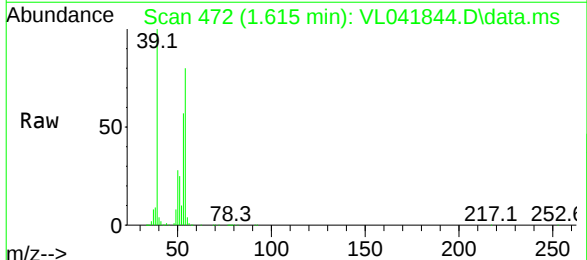
Manual Integrations
APPROVED

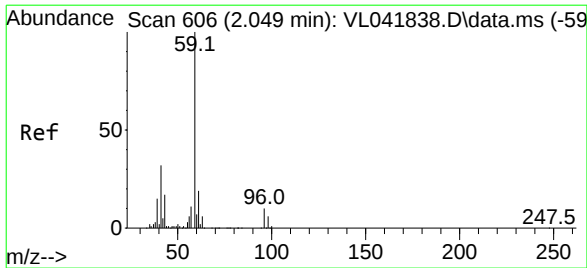
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#16
1,3-Butadiene
Concen: 14.311 ppbv
RT: 1.615 min Scan# 472
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 39 Resp: 96407
Ion Ratio Lower Upper
39 100
54 69.4 56.2 84.4





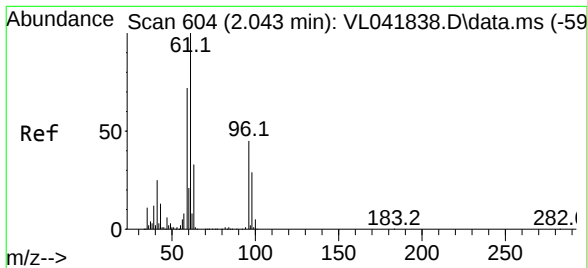
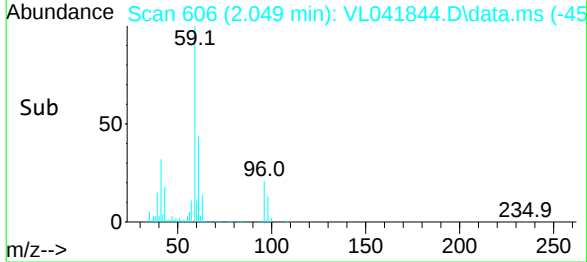
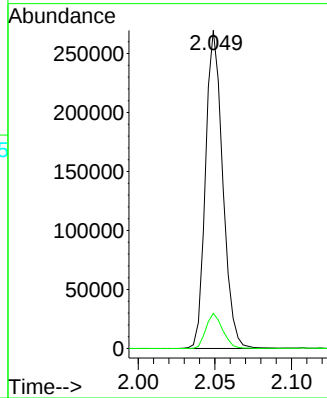
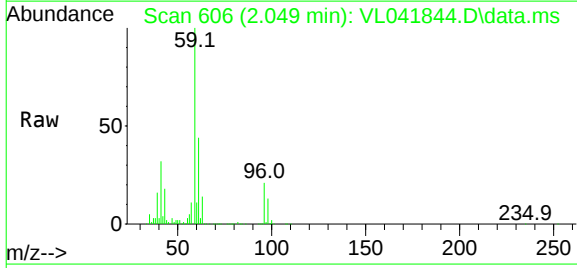
#17
tert-Butyl alcohol
Concen: 14.149 ppbv
RT: 2.049 min Scan# 606
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 59 Resp: 210612
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0

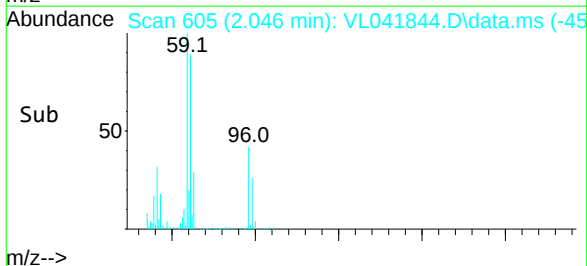
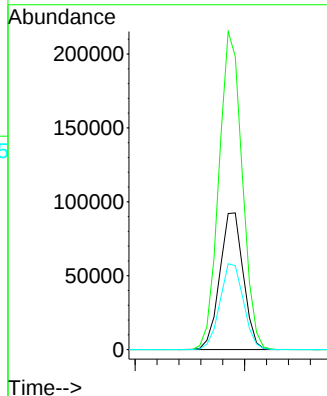
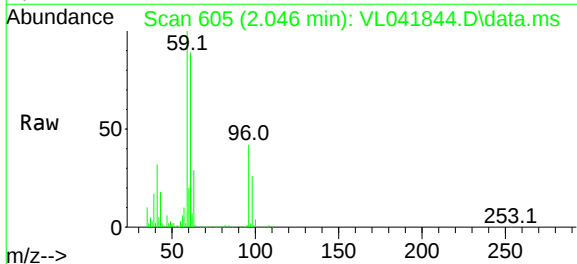
Manual Integrations
APPROVED

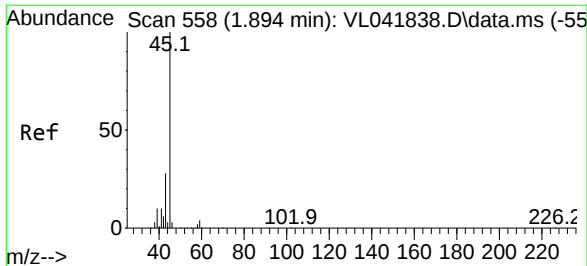
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#18
1,1-Dichloroethene
Concen: 14.213 ppbv
RT: 2.046 min Scan# 605
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 96 Resp: 68995
Ion Ratio Lower Upper
96 100
61 214.5 179.2 268.8
98 61.4 51.6 77.4





#19
Isopropyl Alcohol
Concen: 12.430 ppbv
RT: 1.894 min Scan# 558
Delta R.T. -0.000 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

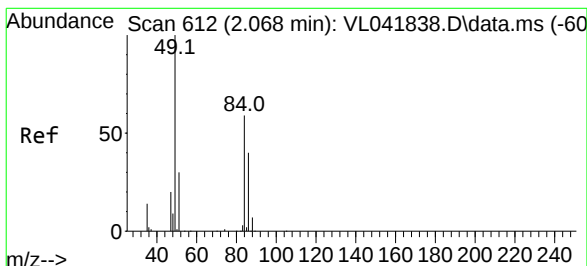
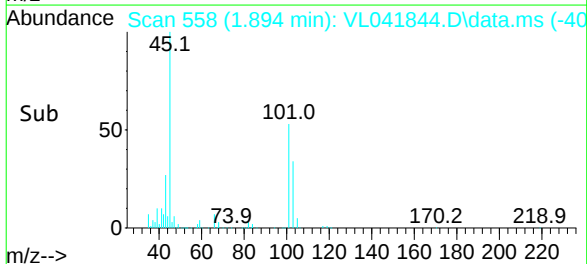
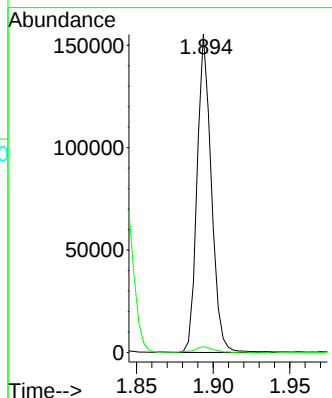
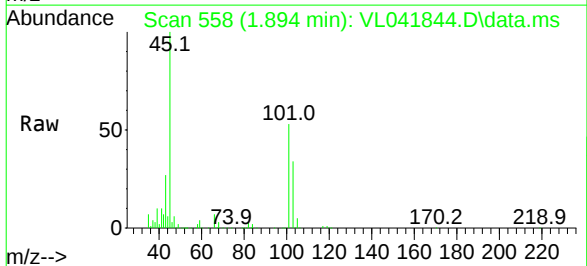
ClientSampleId :

VSTDICC015

Tgt Ion: 45 Resp: 100236
Ion Ratio Lower Upper
45 100
58 2.7 2.1 3.1

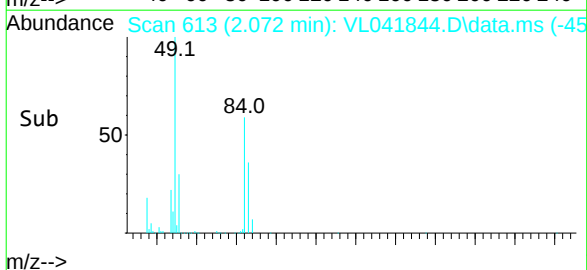
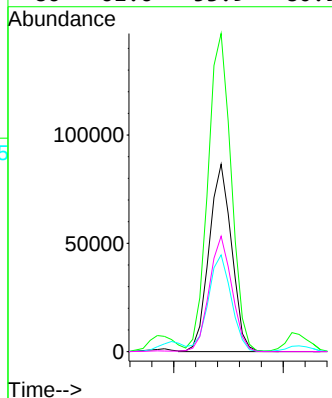
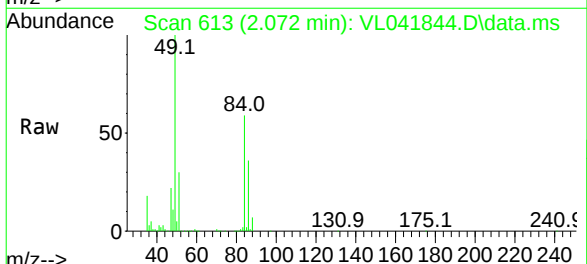
Manual Integrations
APPROVED

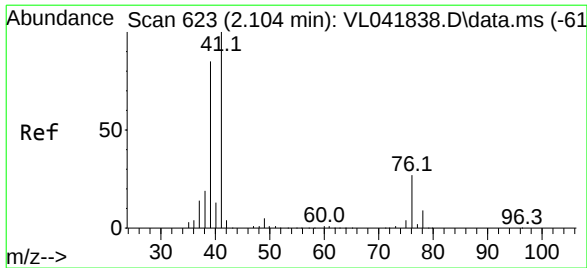
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#20
Methylene Chloride
Concen: 12.627 ppbv
RT: 2.072 min Scan# 613
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 84 Resp: 62016
Ion Ratio Lower Upper
84 100
49 168.1 137.8 206.8
51 51.0 43.9 65.9
86 61.6 53.9 80.9





#21

Allyl Chloride

Concen: 15.264 ppbv

RT: 2.107 min Scan# 62

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

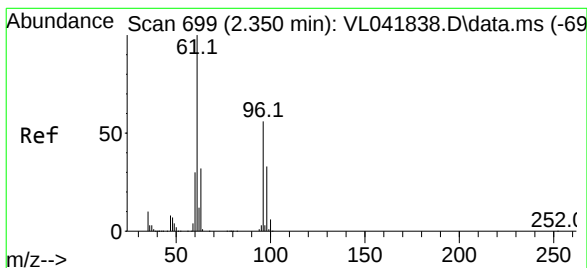
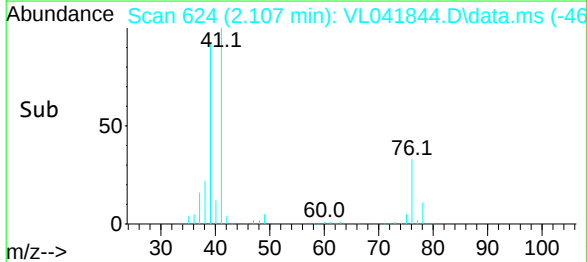
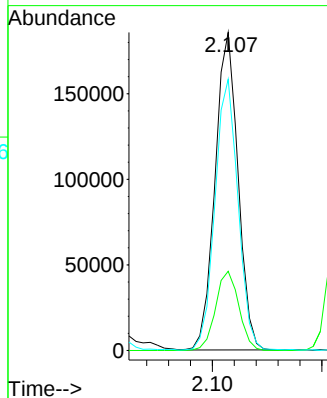
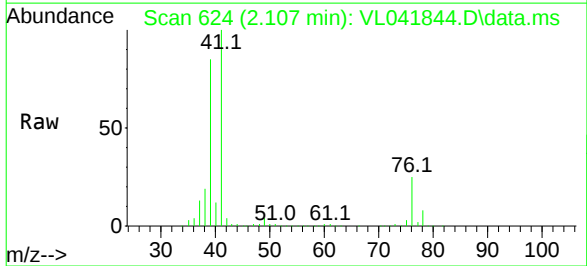
VSTDIC015

Tgt Ion:	41	Resp:	135077
Ion	Ratio	Lower	Upper
41	100		
76	25.3	20.6	31.0
39	86.1	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: 14.107 ppbv

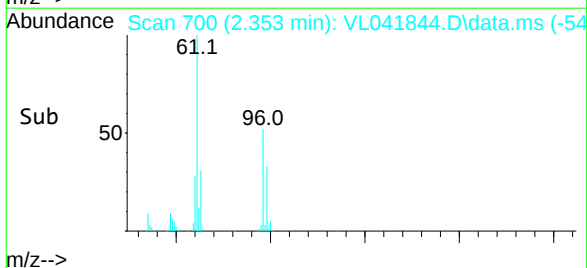
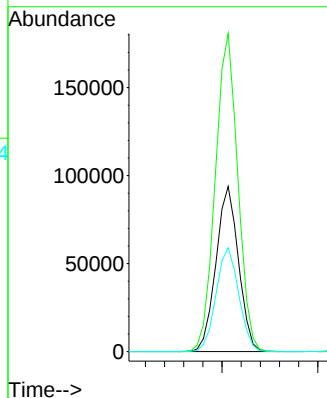
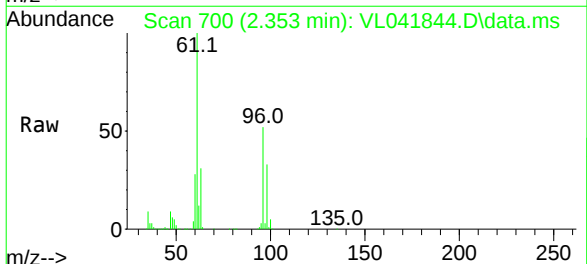
RT: 2.353 min Scan# 700

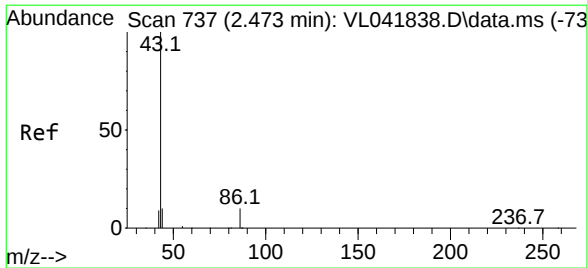
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	96	Resp:	76536
Ion	Ratio	Lower	Upper
96	100		
61	192.6	144.0	216.0
98	62.9	46.9	70.3





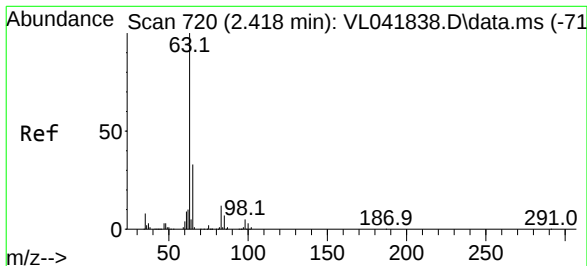
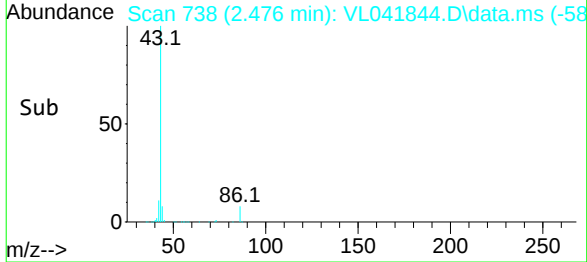
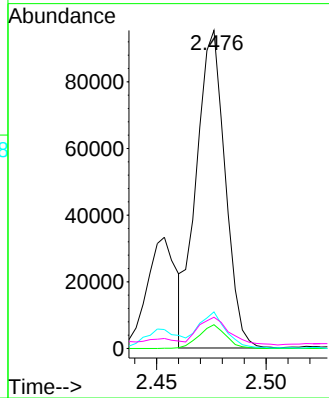
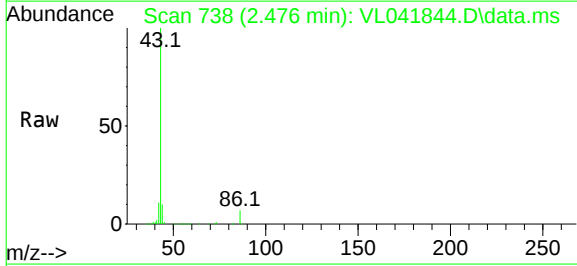
#23
Vinyl Acetate
Concen: 15.804 ppbv
RT: 2.476 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 43	Resp: 87069
Ion Ratio	Lower Upper
43 100	
86 7.5	6.4 9.6
42 11.3	9.5 14.3
44 8.7	6.7 10.1

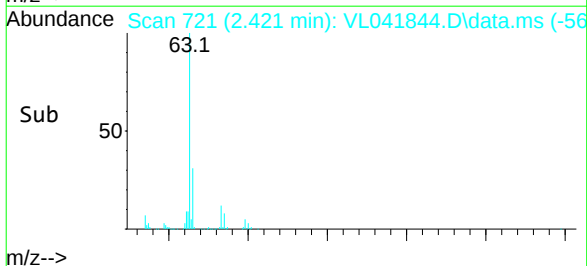
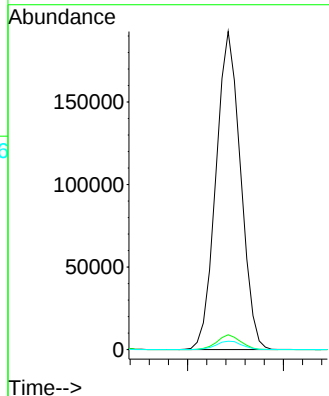
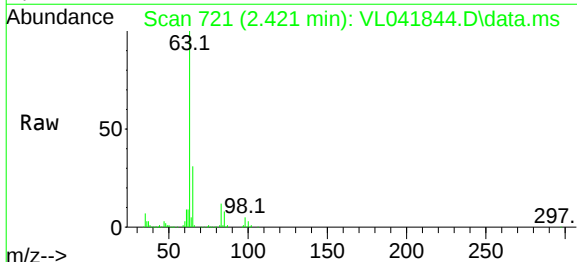
Manual Integrations
APPROVED

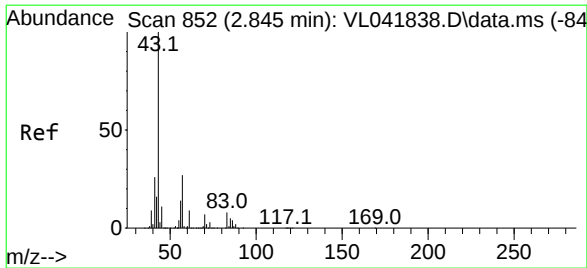
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#24
1,1-Dichloroethane
Concen: 14.503 ppbv
RT: 2.421 min Scan# 721
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 63	Resp: 172210
Ion Ratio	Lower Upper
63 100	
98 4.7	2.3 6.9
100 2.6	1.4 4.0





#25

Ethyl Acetate

Concen: 15.955 ppbv

RT: 2.848 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 43 Resp: 459657

Ion Ratio Lower Upper

43 100

45 10.3 7.8 11.8

61 8.7 7.0 10.6

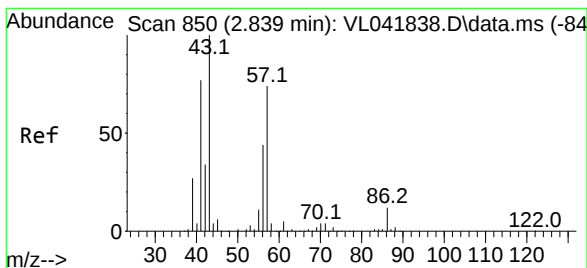
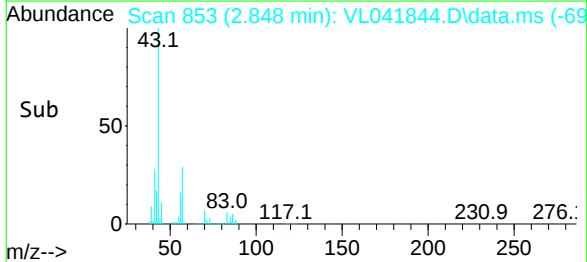
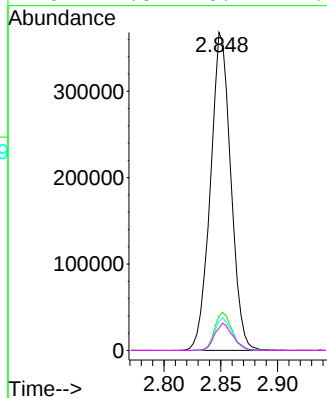
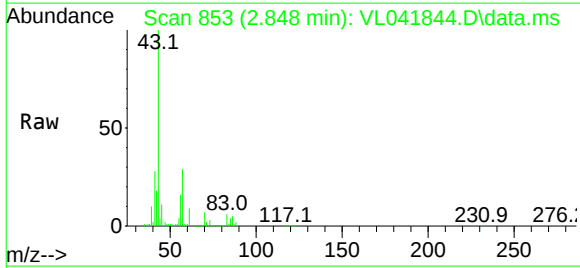
70 7.8 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#26

Hexane

Concen: 16.841 ppbv

RT: 2.842 min Scan# 851

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion: 57 Resp: 168383

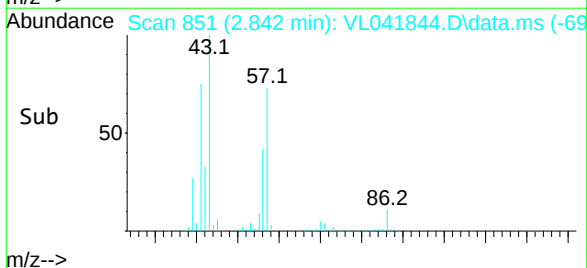
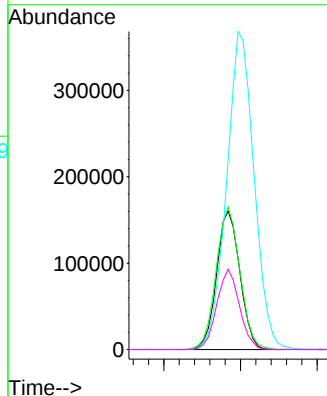
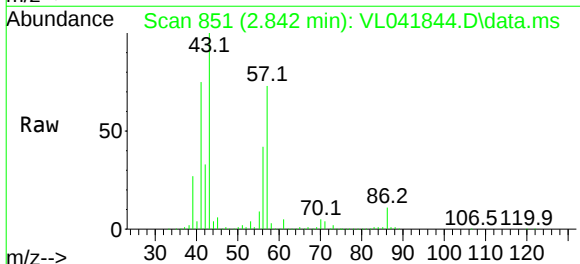
Ion Ratio Lower Upper

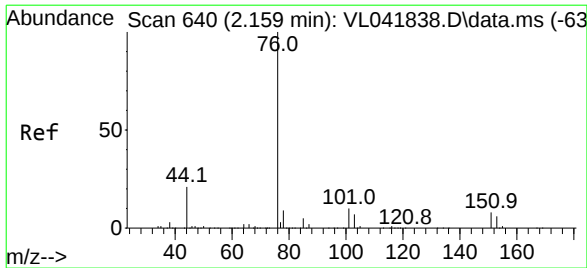
57 100

41 106.4 84.0 126.0

43 273.1 218.4 327.6

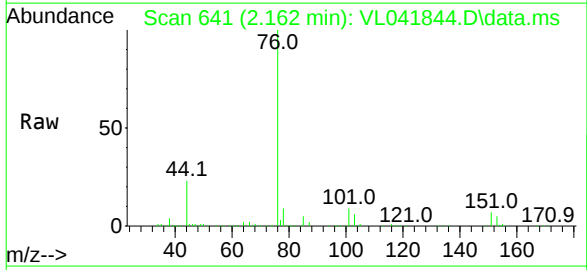
56 56.8 45.7 68.5





#27
Carbon Disulfide
Concen: 17.474 ppbv
RT: 2.162 min Scan# 641
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

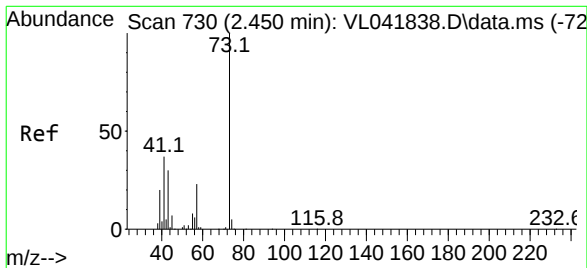
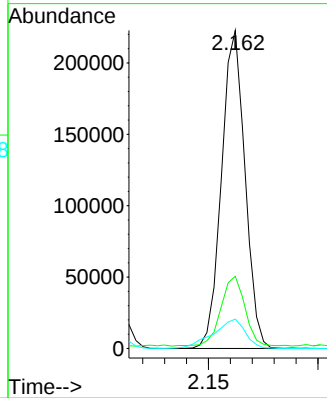
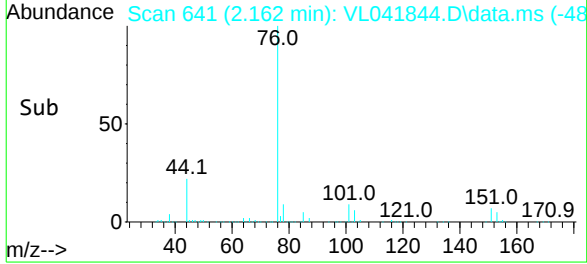
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 76 Resp: 165817
Ion Ratio Lower Upper
76 100
44 23.4 19.8 29.8
78 12.7 9.8 14.8

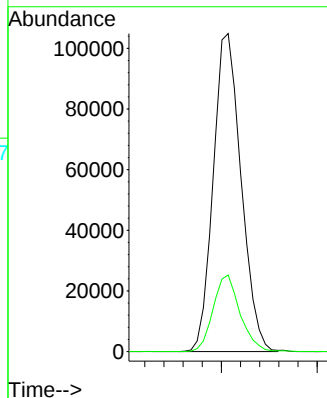
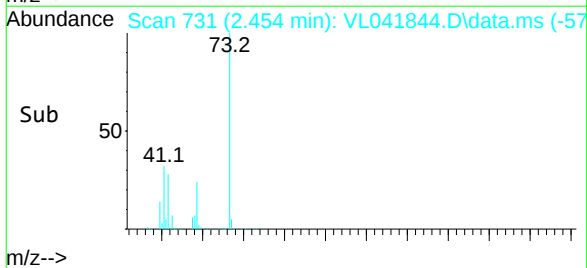
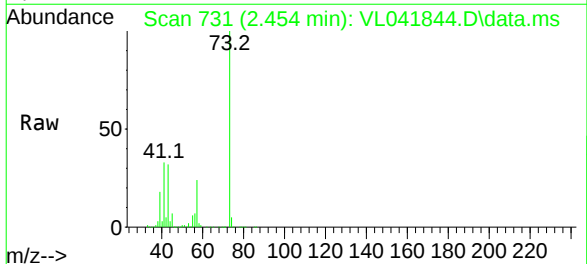
Manual Integrations
APPROVED

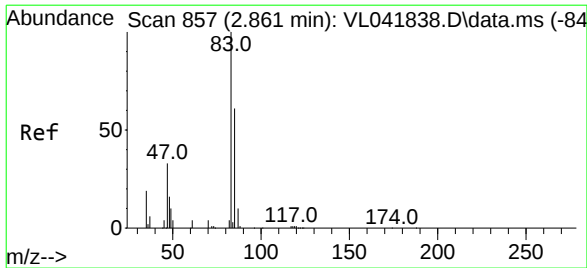
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#28
Methyl tert-Butyl Ether
Concen: 14.065 ppbv
RT: 2.454 min Scan# 731
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 73 Resp: 105985
Ion Ratio Lower Upper
73 100
57 23.3 18.4 27.6





#29

Chloroform

Concen: 14.134 ppbv

RT: 2.865 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 83 Resp: 262539

Ion Ratio Lower Upper

83 100

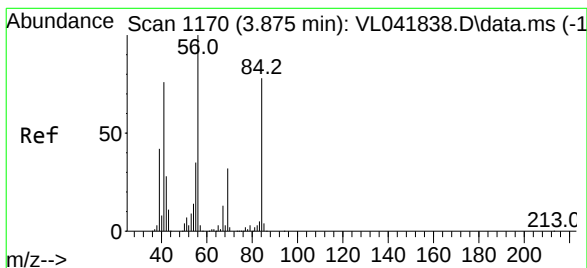
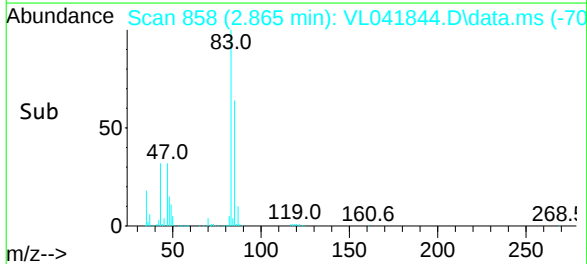
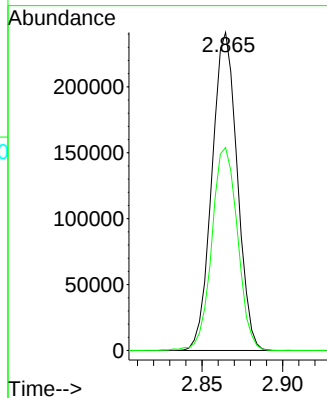
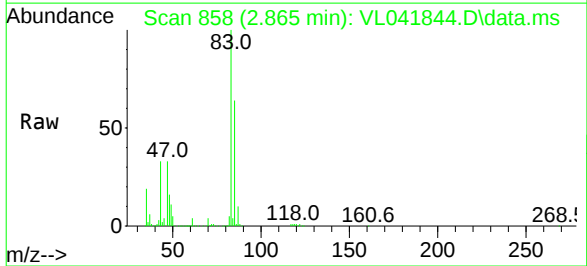
85 63.8 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#30

Cyclohexane

Concen: 17.879 ppbv

RT: 3.881 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

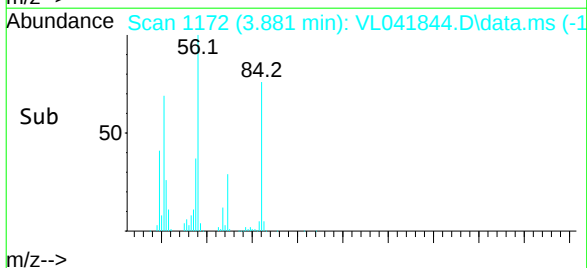
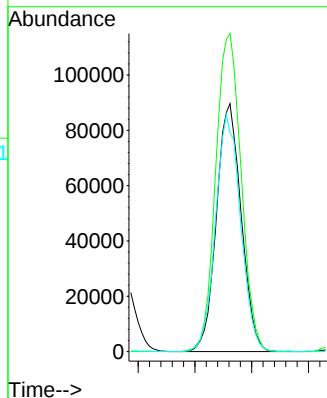
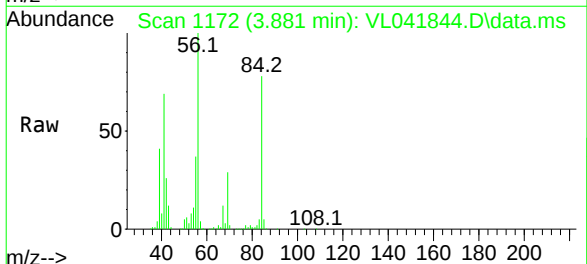
Tgt Ion: 84 Resp: 135635

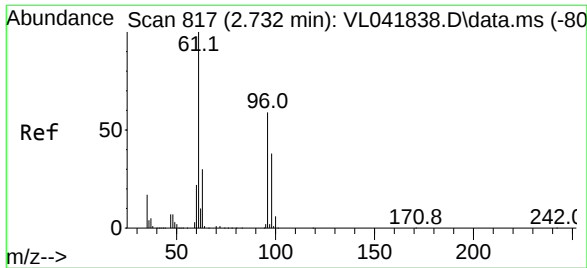
Ion Ratio Lower Upper

84 100

56 131.8 105.0 157.6

41 96.7 78.9 118.3





#31

cis-1,2-Dichloroethene

Concen: 15.779 ppbv

RT: 2.735 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

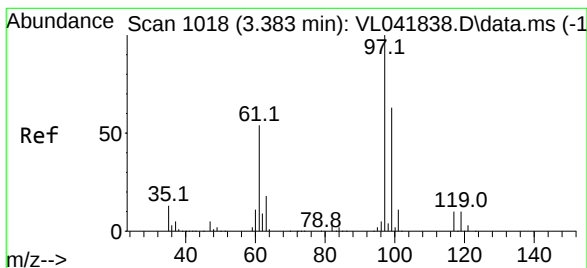
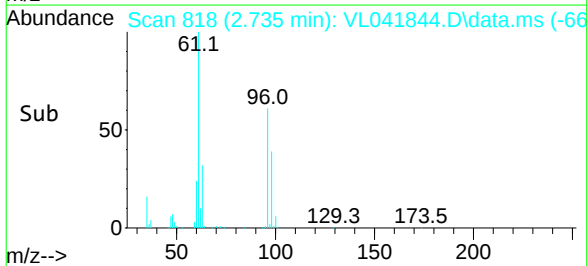
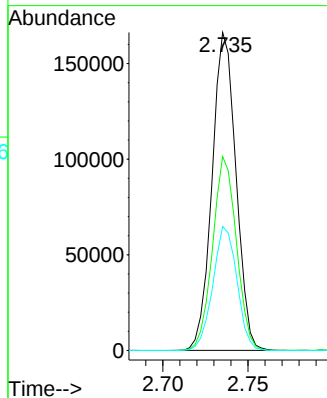
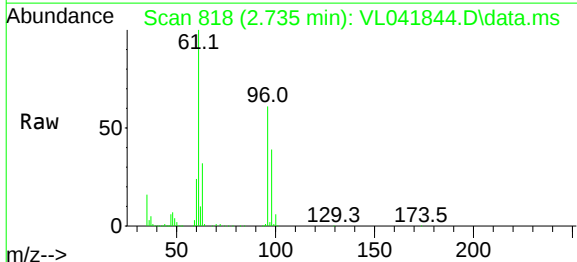
VSTDICC015

Tgt Ion:	61	Resp:	162395
Ion	Ratio	Lower	Upper
61	100		
96	61.0	47.6	71.4
98	39.0	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: 14.840 ppbv

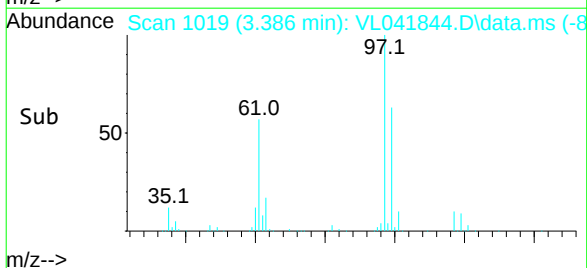
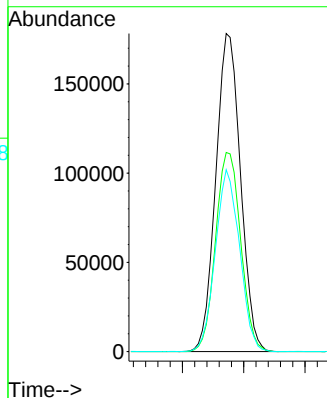
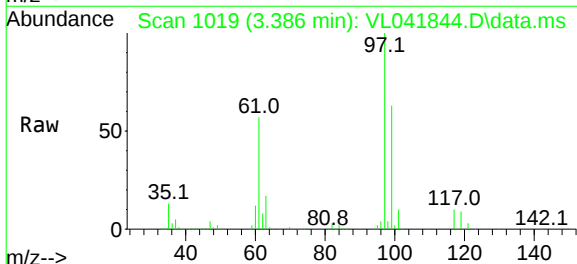
RT: 3.386 min Scan# 1019

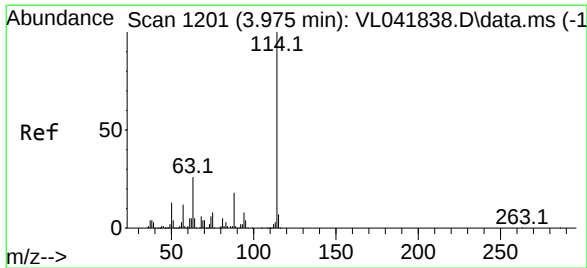
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	97	Resp:	249799
Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	56.2	45.0	67.6





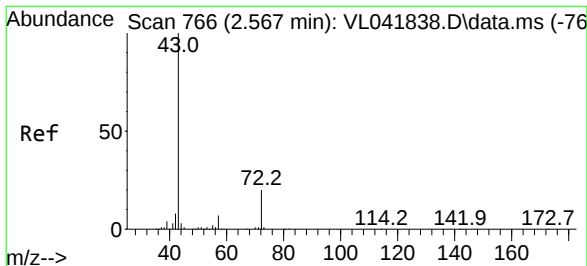
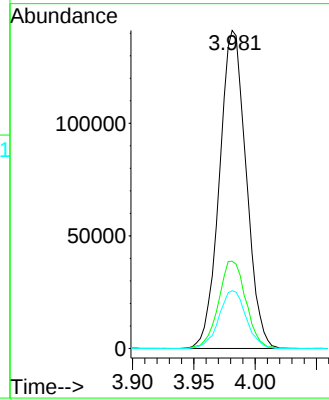
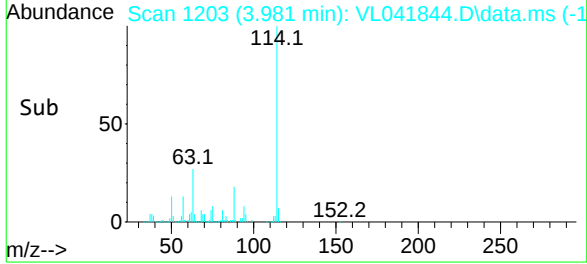
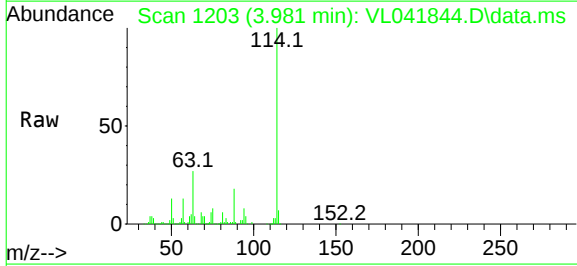
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.981 min Scan# 1201
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:114 Resp: 214048
Ion Ratio Lower Upper
114 100
63 28.2 22.3 33.5
88 18.4 14.9 22.3

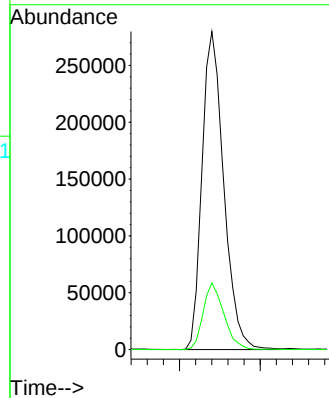
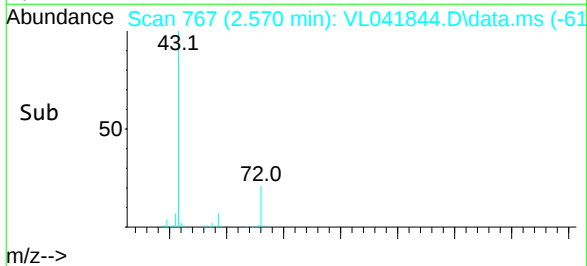
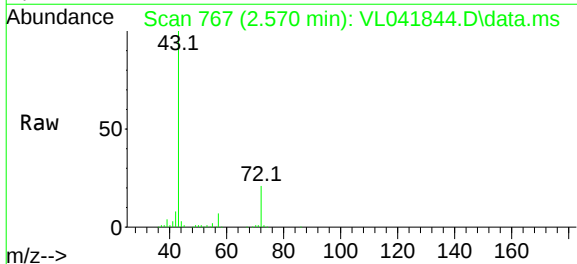
Manual Integrations
APPROVED

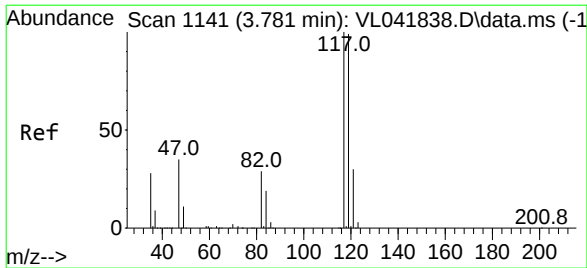
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#34
2-Butanone
Concen: 15.534 ppbv
RT: 2.570 min Scan# 767
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 43 Resp: 261912
Ion Ratio Lower Upper
43 100
72 20.1 16.6 25.0





#35

Carbon Tetrachloride

Concen: 16.145 ppbv

RT: 3.784 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

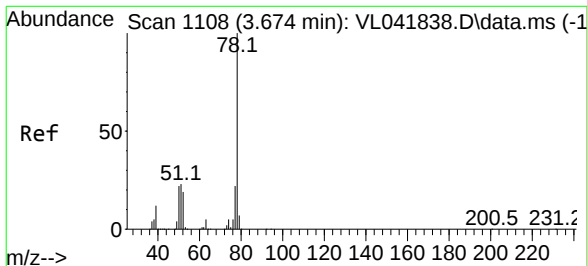
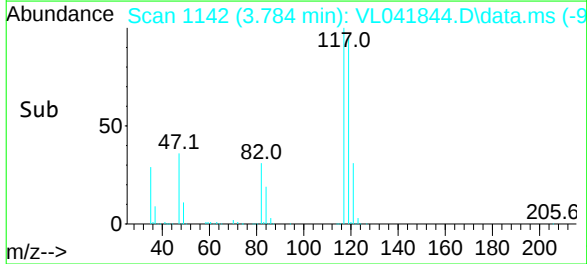
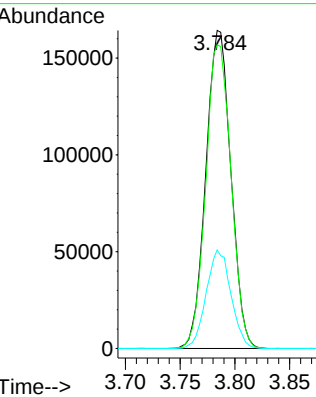
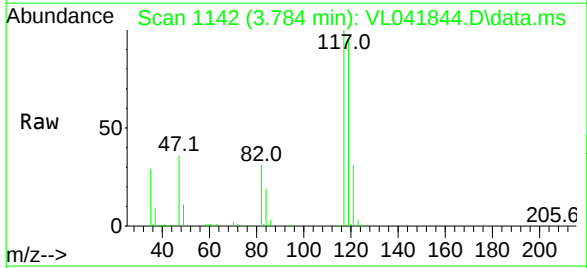
VSTDIC015

Tgt Ion:	117	Resp:	261173
Ion	Ratio	Lower	Upper
117	100		
119	95.5	79.1	118.7
121	31.0	24.2	36.2

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 16.230 ppbv

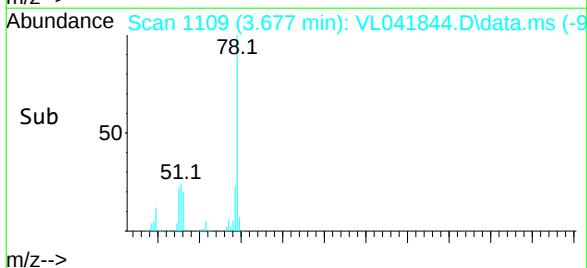
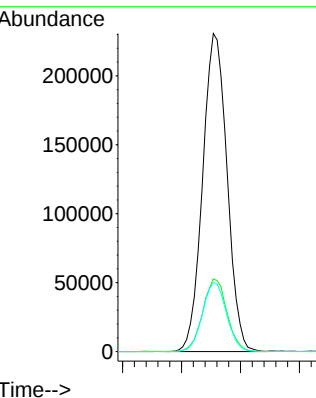
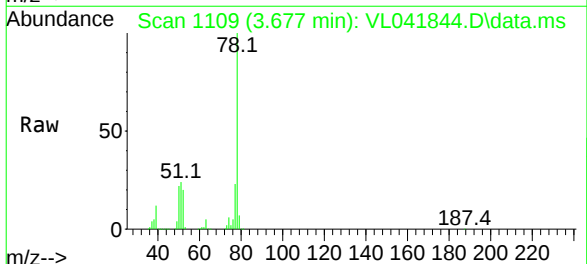
RT: 3.677 min Scan# 1109

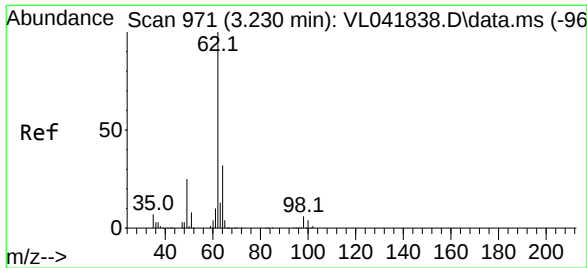
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

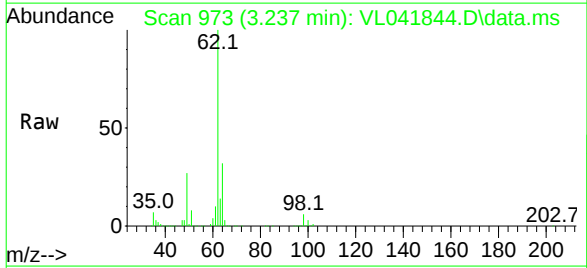
Tgt Ion:	78	Resp:	331869
Ion	Ratio	Lower	Upper
78	100		
77	22.9	17.4	26.0
50	21.8	17.3	25.9





#37
1,2-Dichloroethane
Concen: 15.469 ppbv
RT: 3.237 min Scan# 971
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

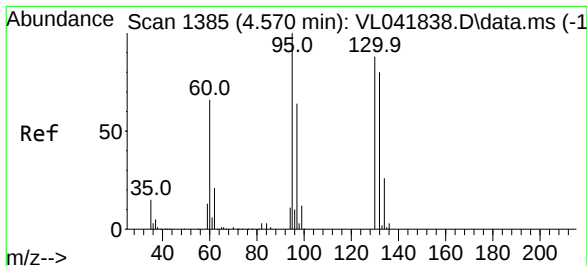
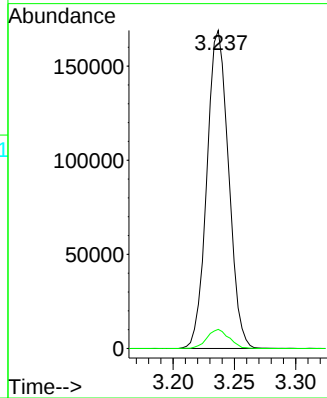
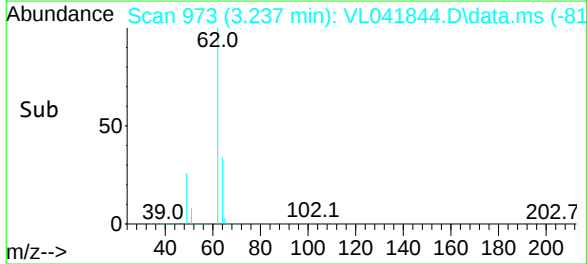
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 62 Resp: 207949
Ion Ratio Lower Upper
62 100
98 6.1 4.8 7.2

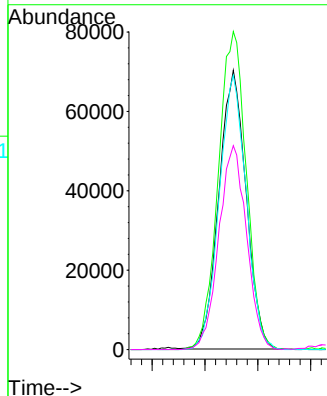
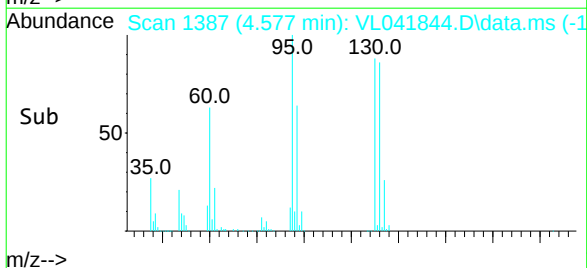
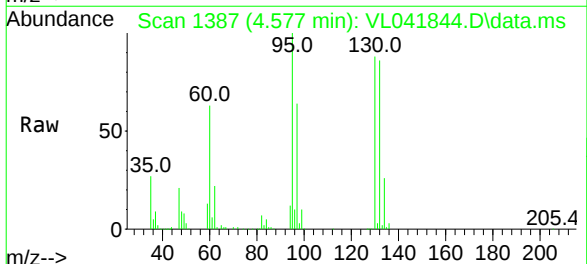
Manual Integrations
APPROVED

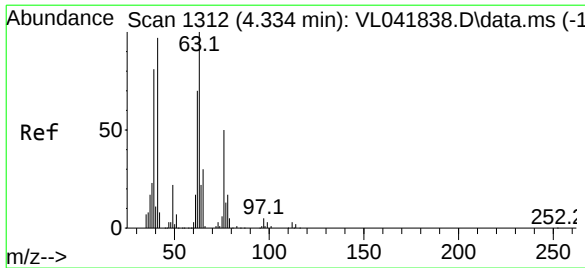
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#38
Trichloroethene
Concen: 15.656 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:130 Resp: 125492
Ion Ratio Lower Upper
130 100
95 114.1 90.1 135.1
132 98.4 71.8 107.8
97 73.2 57.9 86.9





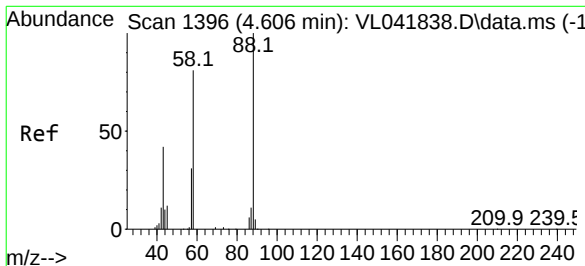
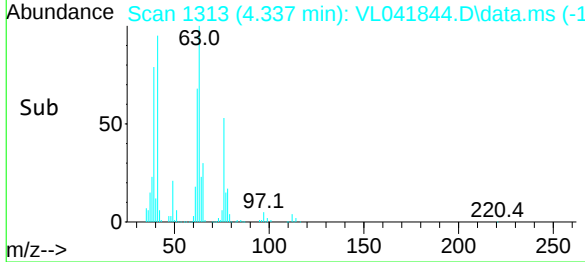
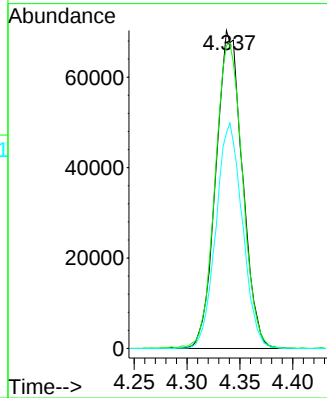
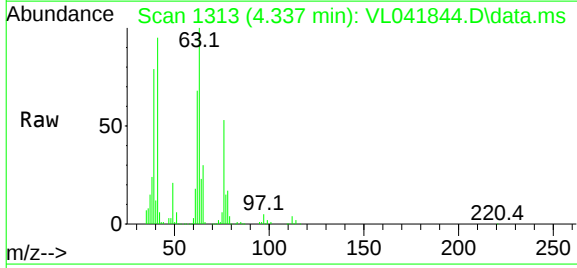
#39
1,2-Dichloropropane
Concen: 15.543 ppbv
RT: 4.337 min Scan# 1312
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 63 Resp: 122940
Ion Ratio Lower Upper
63 100
41 95.1 77.7 116.5
62 67.7 56.2 84.2

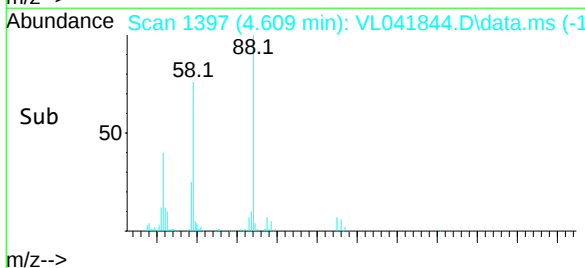
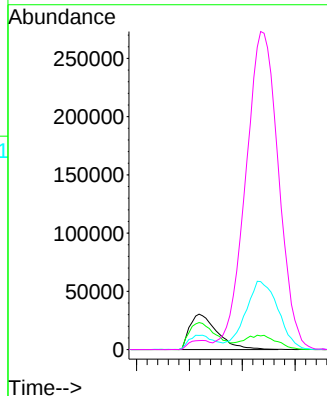
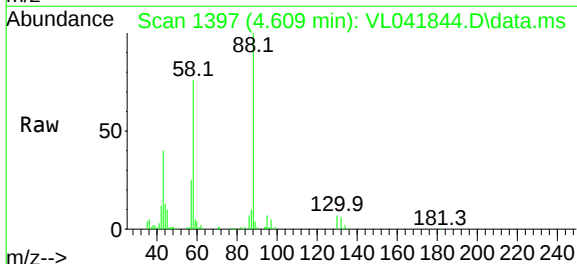
Manual Integrations
APPROVED

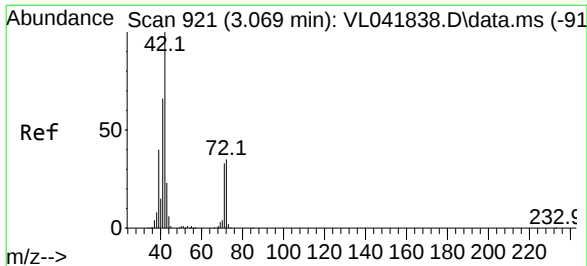
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#40
1,4-Dioxane
Concen: 18.048 ppbv
RT: 4.609 min Scan# 1397
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 88 Resp: 55317
Ion Ratio Lower Upper
88 100
58 73.9 63.0 94.6
43 36.0 30.0 45.0
57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 18.249 ppbv

RT: 3.068 min Scan# 921

Delta R.T. -0.000 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 42 Resp: 145035

Ion Ratio Lower Upper

42 100

72 34.4 27.9 41.9

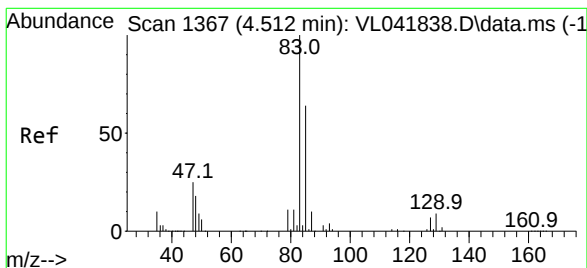
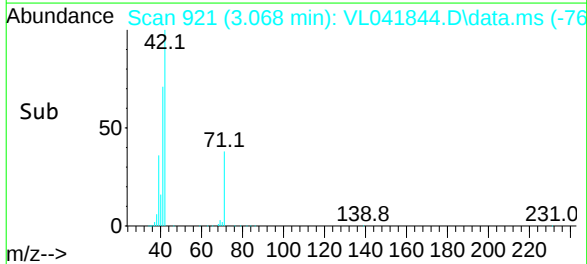
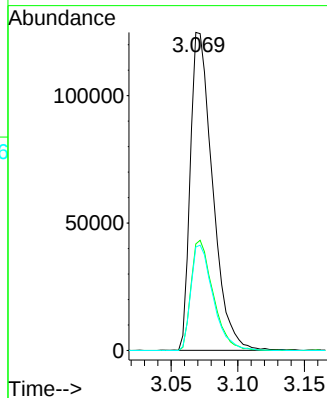
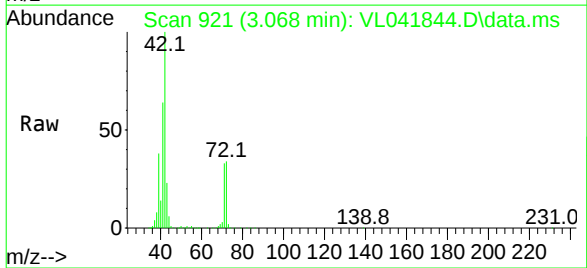
71 33.1 26.5 39.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#42

Bromodichloromethane

Concen: 16.811 ppbv

RT: 4.519 min Scan# 1369

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

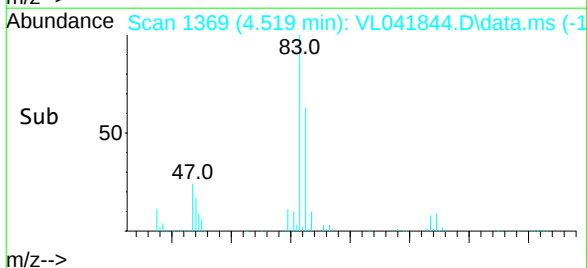
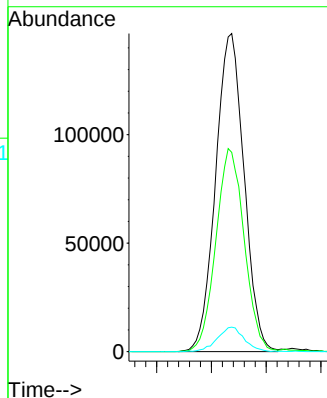
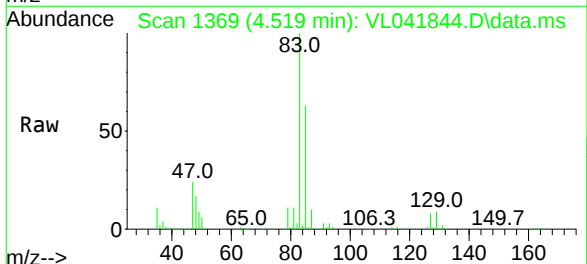
Tgt Ion: 83 Resp: 265034

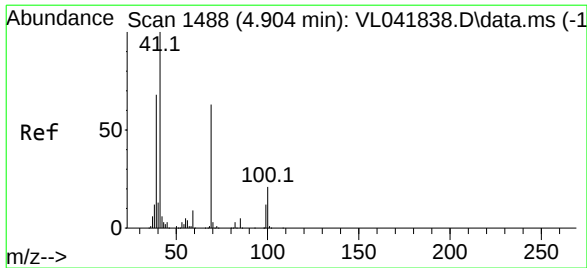
Ion Ratio Lower Upper

83 100

85 62.6 51.3 76.9

127 7.7 5.6 8.4





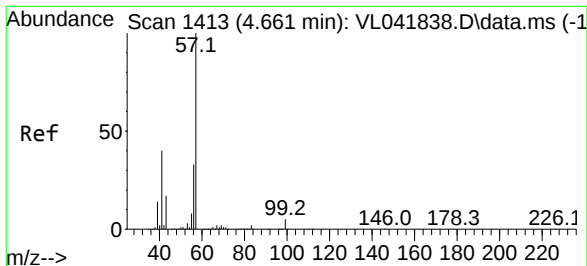
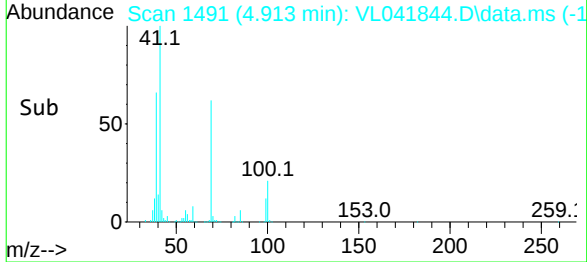
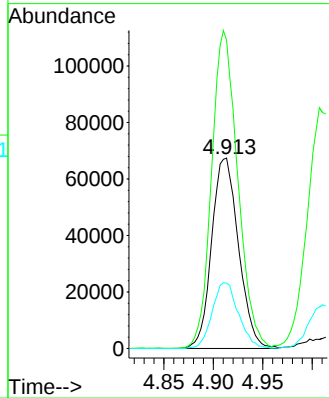
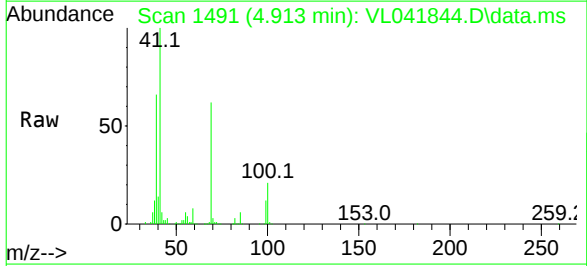
#43
Methyl Methacrylate
Concen: 19.826 ppbv
RT: 4.913 min Scan# 1415
Delta R.T. 0.010 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 69 Resp: 127306
Ion Ratio Lower Upper
69 100
41 162.5 132.2 198.2
100 33.9 28.2 42.4

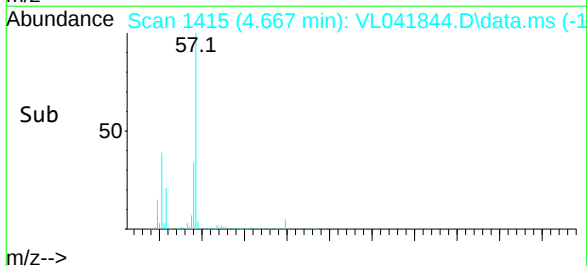
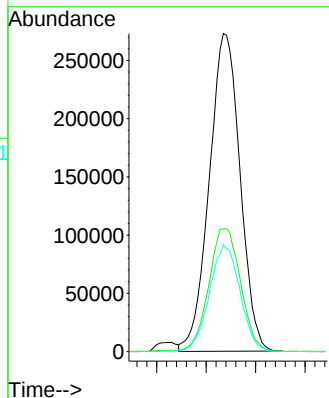
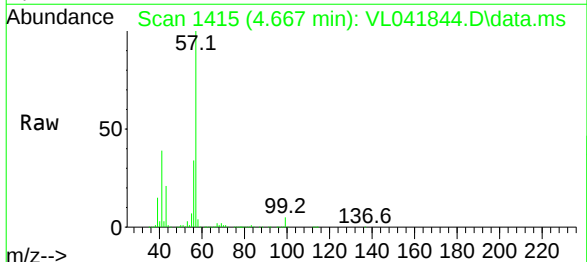
Manual Integrations
APPROVED

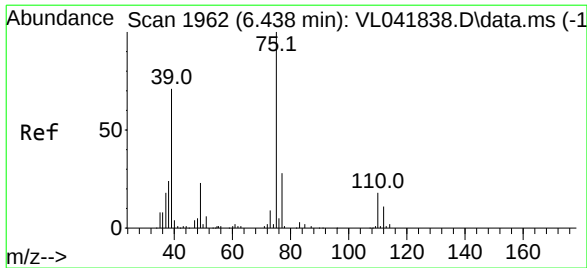
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#44
2,2,4-Trimethylpentane
Concen: 17.503 ppbv
RT: 4.667 min Scan# 1415
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 57 Resp: 589679
Ion Ratio Lower Upper
57 100
41 40.4 31.4 47.2
56 33.5 26.6 39.8





#45
t-1,3-Dichloropropene
Concen: 19.228 ppbv
RT: 6.451 min Scan# 1966
Delta R.T. 0.013 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

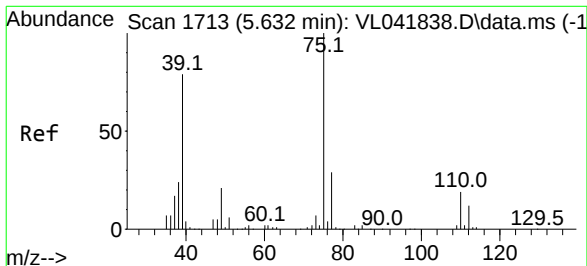
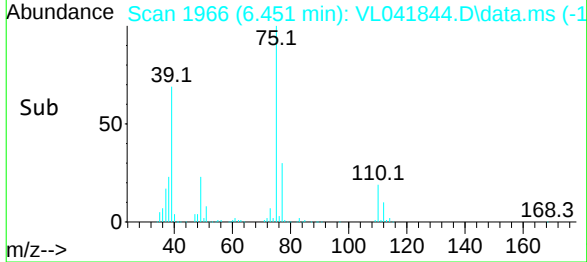
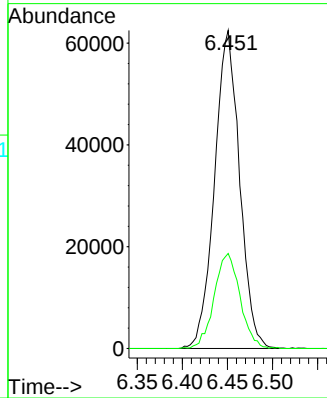
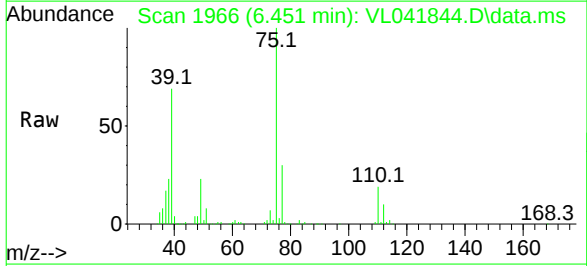
ClientSampleId :

VSTDIC015

Tgt Ion: 75 Resp: 120537
Ion Ratio Lower Upper
75 100
77 29.9 22.2 33.4

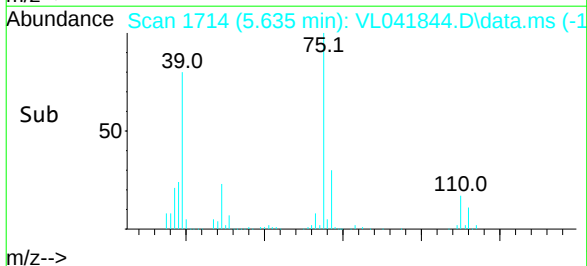
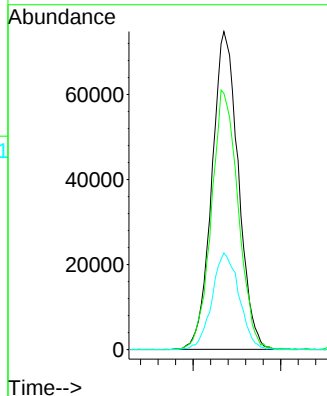
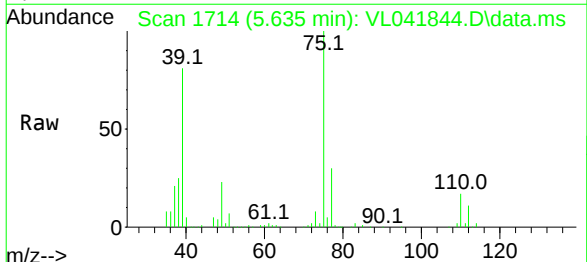
Manual Integrations
APPROVED

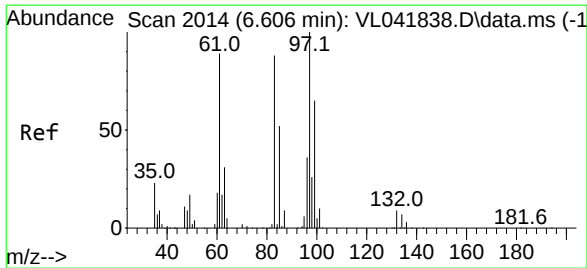
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#46
cis-1,3-Dichloropropene
Concen: 18.952 ppbv
RT: 5.635 min Scan# 1714
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

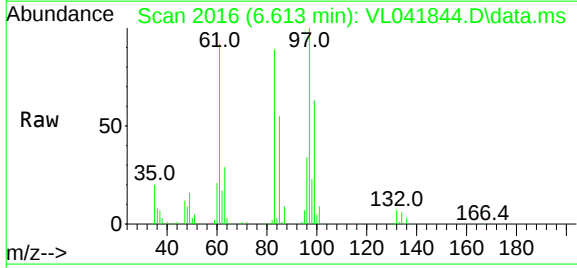
Tgt Ion: 75 Resp: 156300
Ion Ratio Lower Upper
75 100
39 80.4 63.3 94.9
77 30.3 23.5 35.3





#47
1,1,2-Trichloroethane
Concen: 15.477 ppbv
RT: 6.613 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

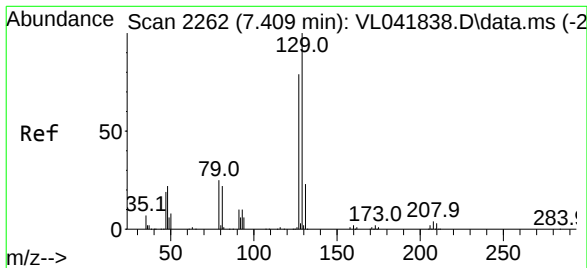
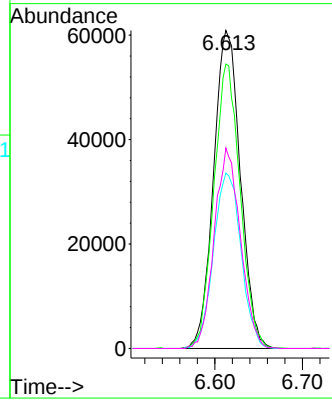
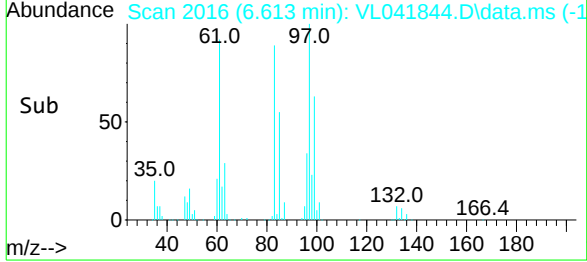
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 97 Resp: 129484
Ion Ratio Lower Upper
97 100
83 89.4 70.3 105.5
85 55.1 41.5 62.3
99 63.0 52.3 78.5

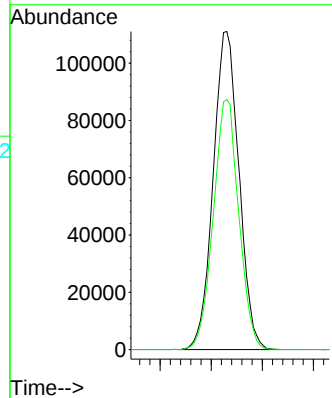
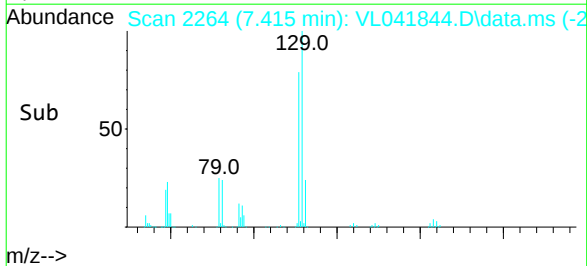
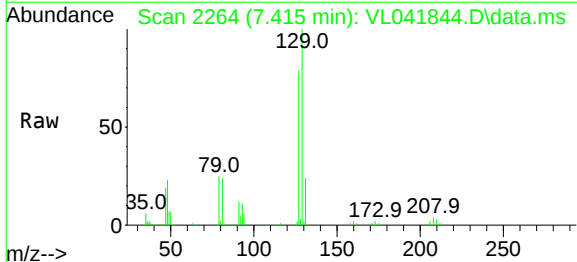
Manual Integrations
APPROVED

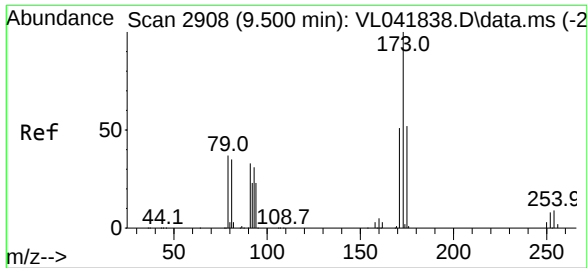
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#48
Dibromochloromethane
Concen: 18.252 ppbv
RT: 7.415 min Scan# 2264
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:129 Resp: 194367
Ion Ratio Lower Upper
129 100
127 77.8 38.7 116.1





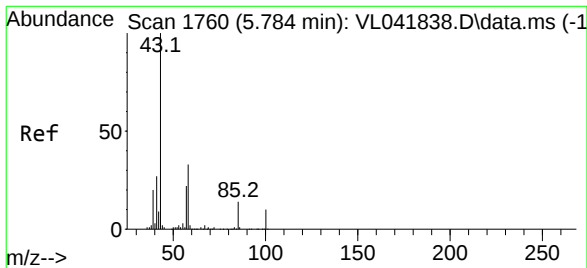
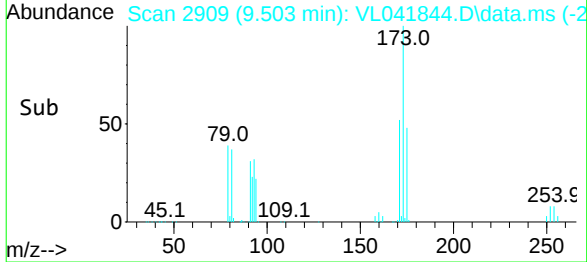
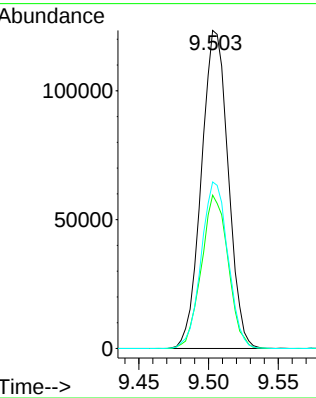
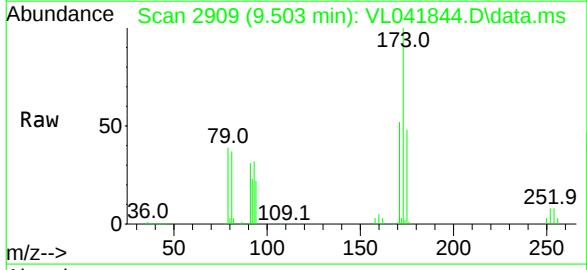
#49
Bromoform
Concen: 19.360 ppbv
RT: 9.503 min Scan# 2908
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.8	39.5	59.3
171	52.2	41.5	62.3

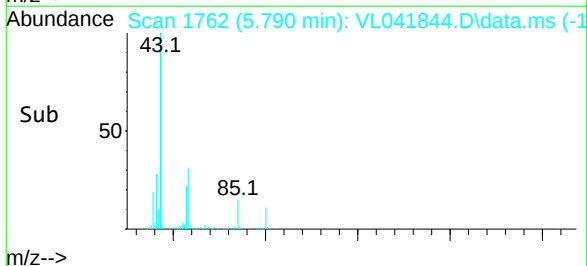
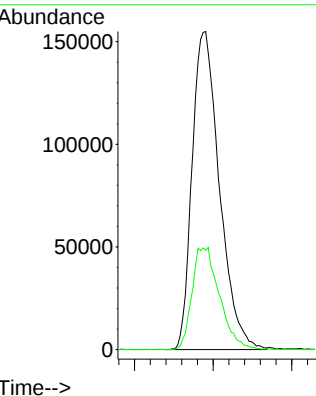
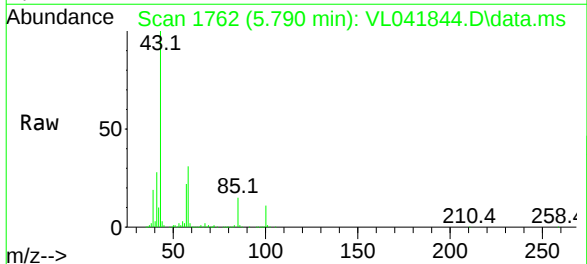
Manual Integrations
APPROVED

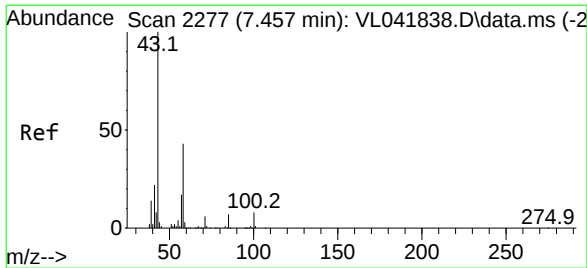
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#50
4-Methyl-2-Pentanone
Concen: 19.190 ppbv
RT: 5.790 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

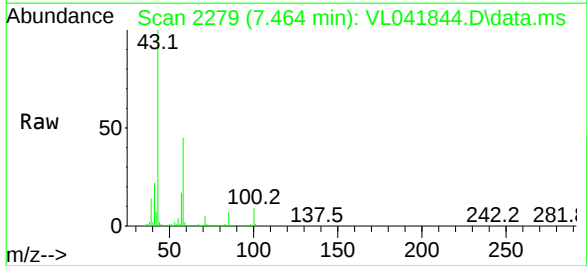
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.3	25.6	38.4





#51
2-Hexanone
Concen: 20.756 ppbv
RT: 7.464 min Scan# 2277
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

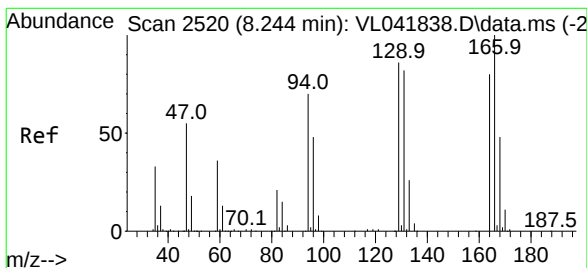
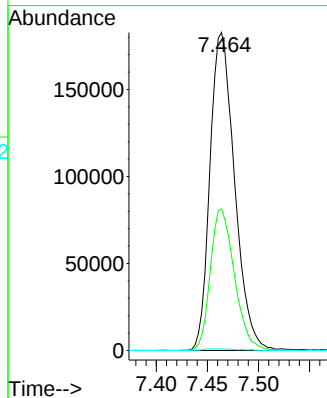
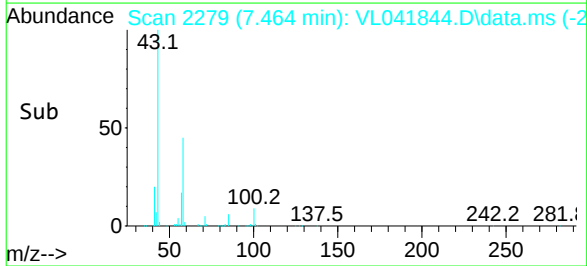
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



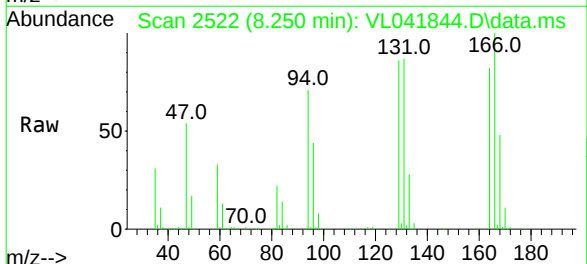
Tgt Ion: 43 Resp: 306279
Ion Ratio Lower Upper
43 100
58 43.5 33.8 50.8
98 0.8 0.7 1.1

Manual Integrations
APPROVED

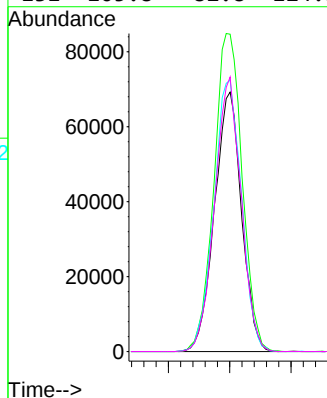
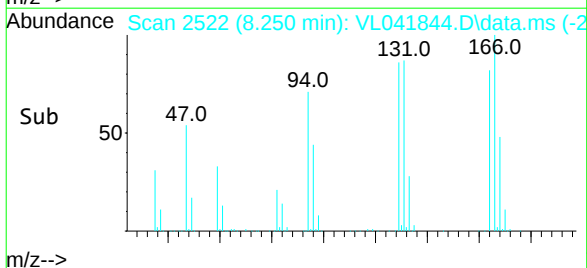
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

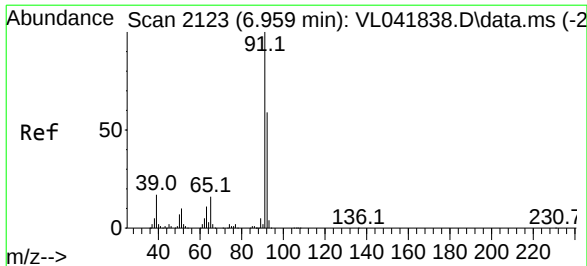


#52
Tetrachloroethene
Concen: 17.472 ppbv
RT: 8.250 min Scan# 2522
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



Tgt Ion:164 Resp: 105951
Ion Ratio Lower Upper
164 100
166 122.1 100.4 150.6
129 104.6 85.9 128.9
131 105.8 82.8 124.2





#53

Toluene

Concen: 19.776 ppbv

RT: 6.962 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 91 Resp: 360317

Ion Ratio Lower Upper

91 100

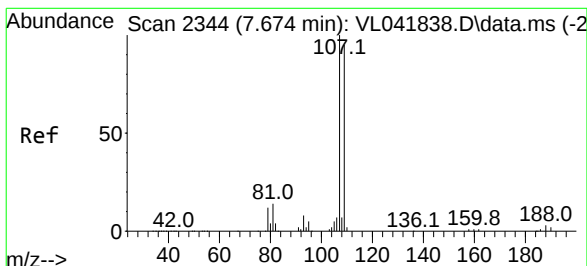
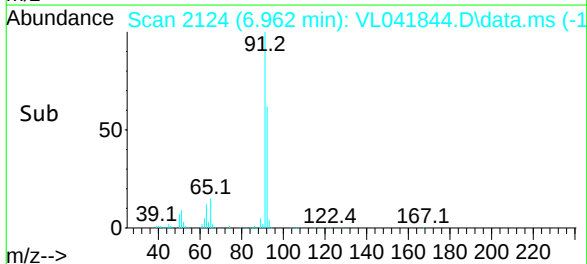
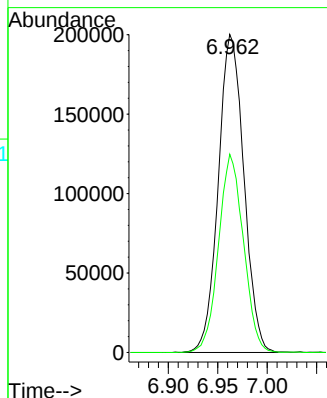
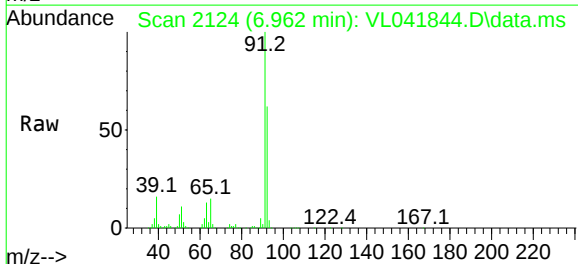
92 60.8 47.8 71.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#54

1,2-Dibromoethane

Concen: 16.883 ppbv

RT: 7.677 min Scan# 2345

Delta R.T. 0.003 min

Lab File: VL041844.D

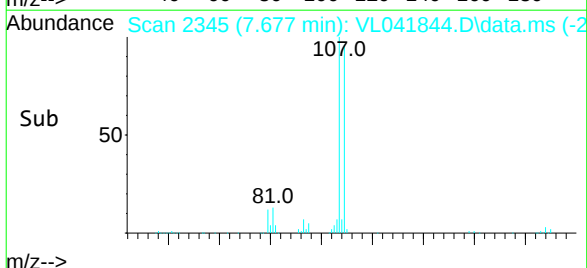
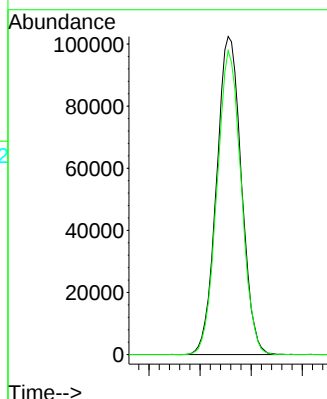
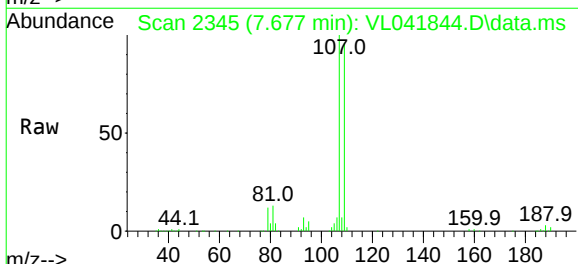
Acq: 07 Jan 2025 12:25

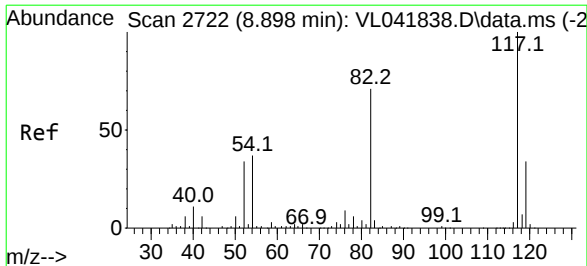
Tgt Ion:107 Resp: 172958

Ion Ratio Lower Upper

107 100

109 95.6 75.9 113.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.904 min Scan# 2722

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

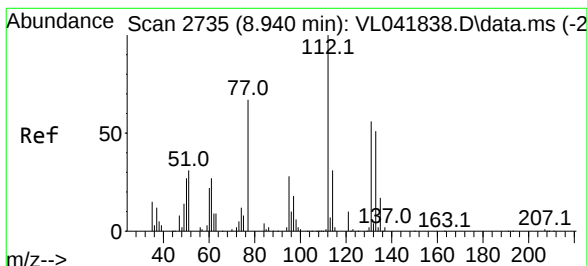
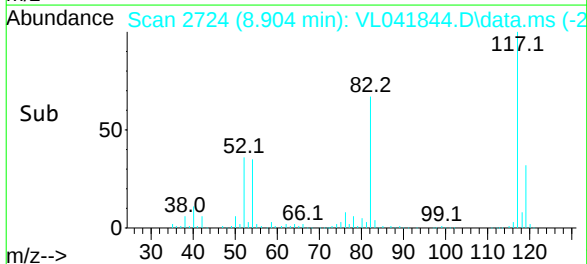
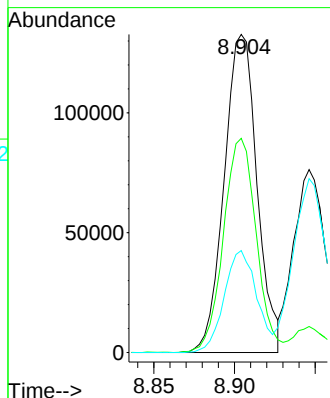
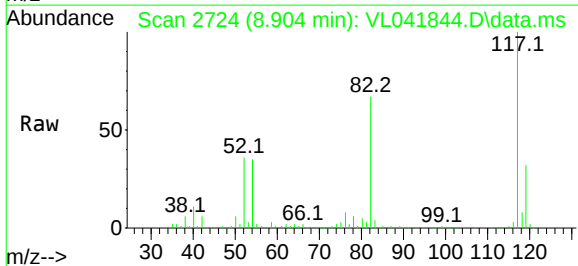
ClientSampleId :

VSTDICC015

Tgt Ion:	117	Resp:	188085
Ion	Ratio	Lower	Upper
117	100		
82	68.4	59.1	88.7
119	32.8	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: 15.360 ppbv

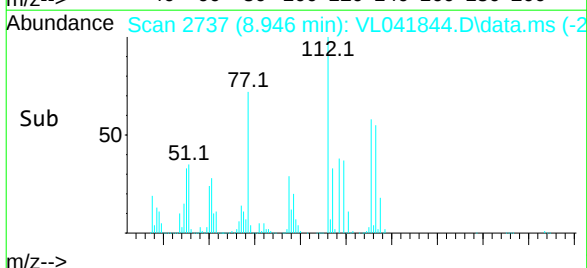
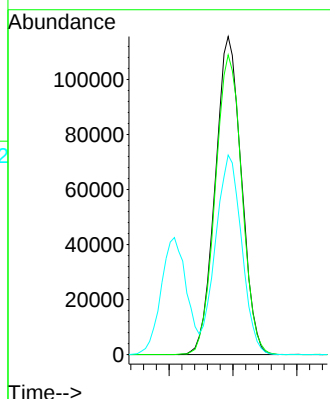
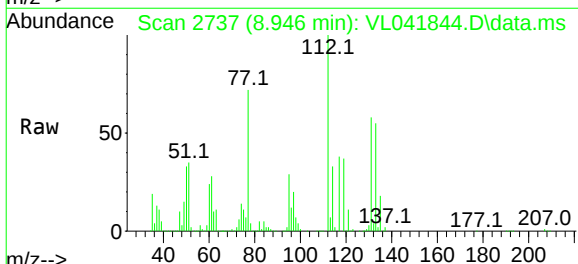
RT: 8.946 min Scan# 2737

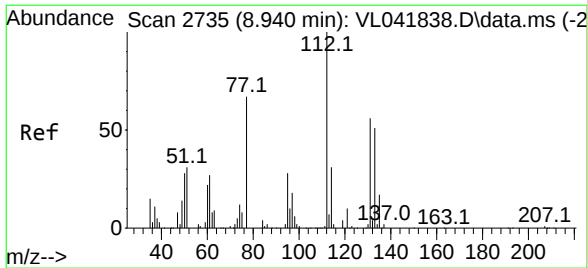
Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

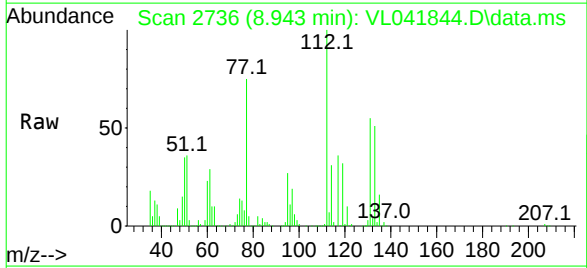
Tgt Ion:	131	Resp:	164661
Ion	Ratio	Lower	Upper
131	100		
133	95.8	77.3	115.9
119	63.5	50.6	76.0





#57
Chlorobenzene
Concen: 14.921 ppbv
RT: 8.943 min Scan# 2735
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

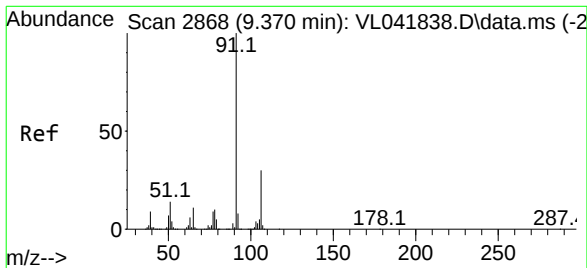
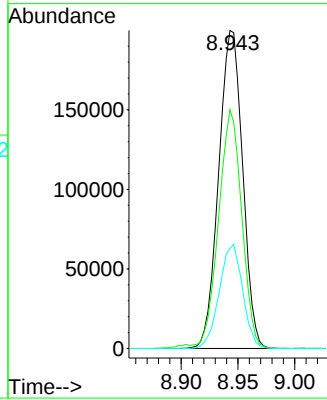
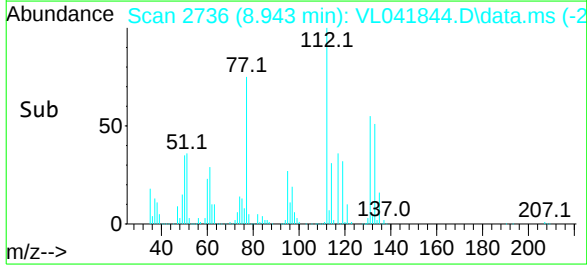
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015



Tgt Ion: 112 Resp: 293187
Ion Ratio Lower Upper
112 100
77 75.0 55.1 82.7
114 31.5 28.3 34.5

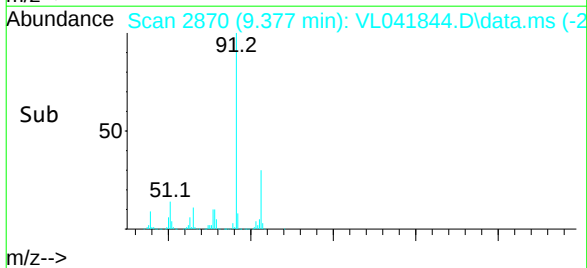
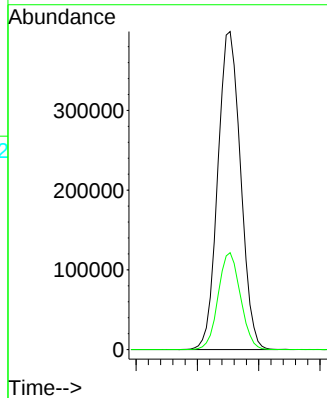
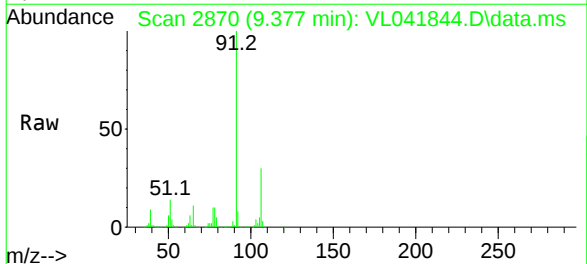
Manual Integrations
APPROVED

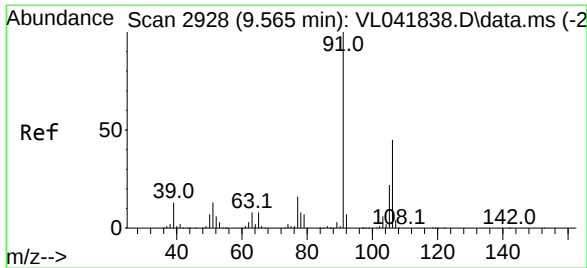
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#58
Ethyl Benzene
Concen: 20.106 ppbv
RT: 9.377 min Scan# 2870
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

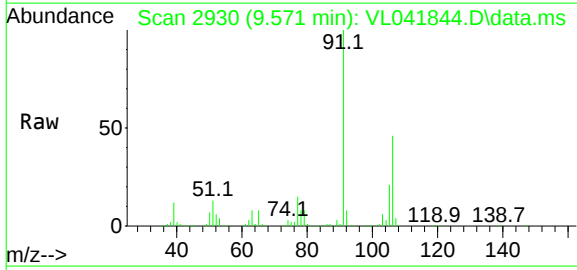
Tgt Ion: 91 Resp: 515403
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8





#59
m/p-Xylene
Concen: 38.901 ppbv m
RT: 9.571 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

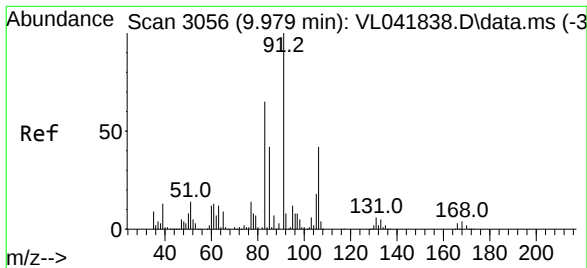
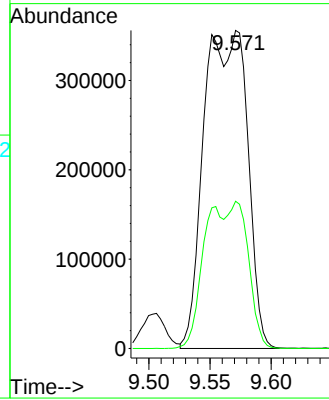
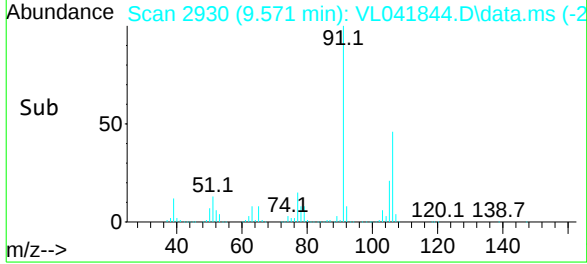
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



Tgt Ion: 91 Resp: 880667
Ion Ratio Lower Upper
91 100
106 45.9 36.7 55.1

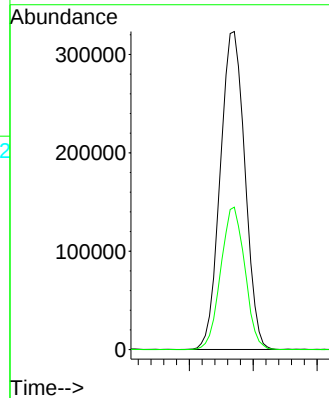
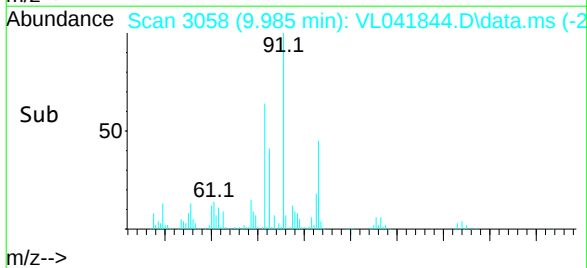
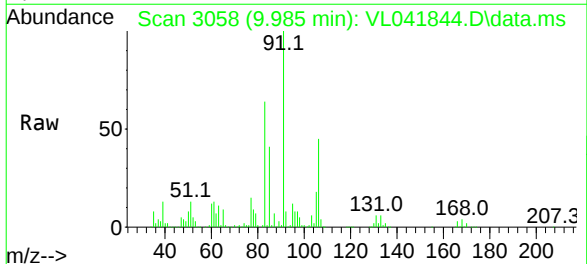
Manual Integrations
APPROVED

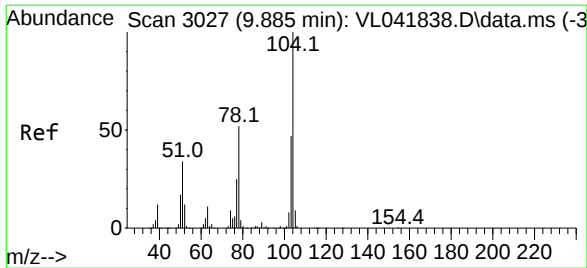
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#60
o-Xylene
Concen: 19.735 ppbv
RT: 9.985 min Scan# 3058
Delta R.T. 0.006 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion: 91 Resp: 434378
Ion Ratio Lower Upper
91 100
106 43.8 21.9 65.5





#61

Styrene

Concen: 22.378 ppbv

RT: 9.891 min Scan# 3027

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

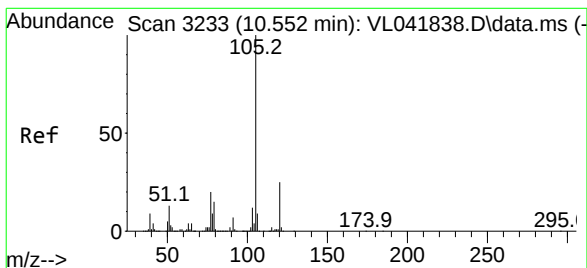
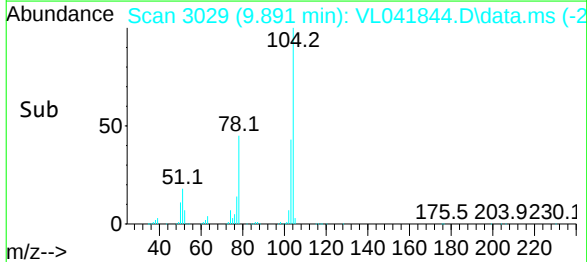
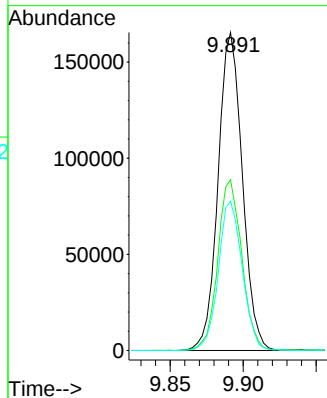
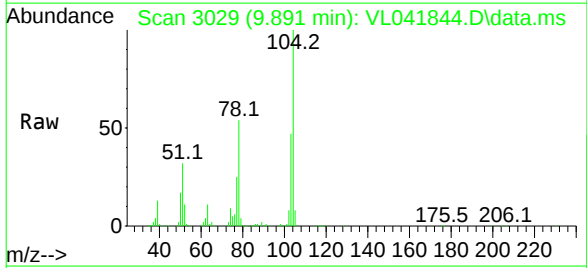
VSTDIC015

Tgt Ion:	104	Resp:	191091
Ion Ratio	Lower	Upper	
104	100		
78	53.4	42.7	64.1
103	46.6	37.8	56.6

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 18.743 ppbv

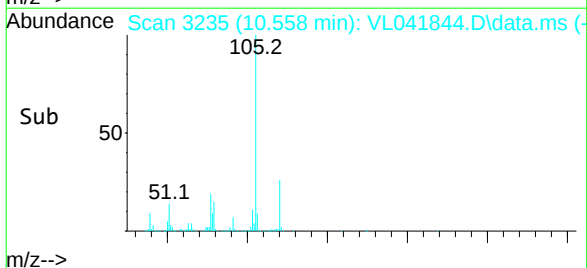
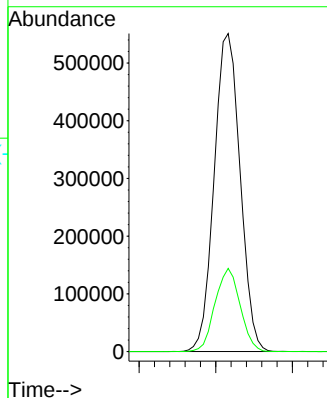
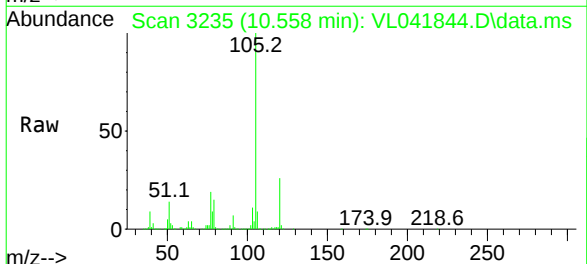
RT: 10.558 min Scan# 3235

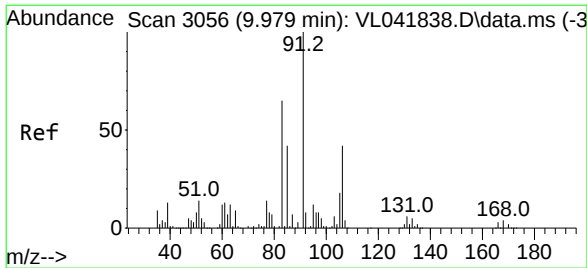
Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

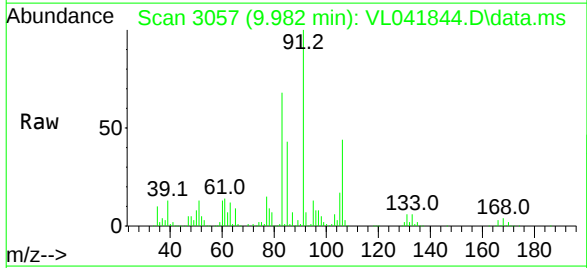
Tgt Ion:	105	Resp:	648118
Ion Ratio	Lower	Upper	
105	100		
120	25.3	20.4	30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 14.477 ppbv
RT: 9.982 min Scan# 3056
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

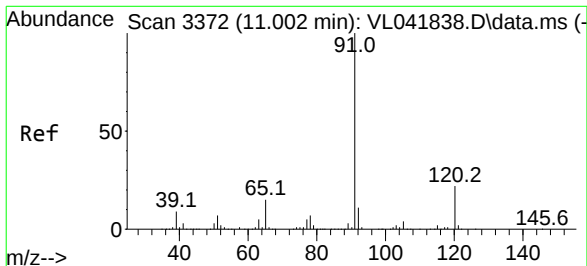
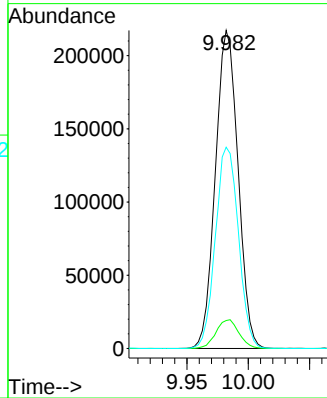
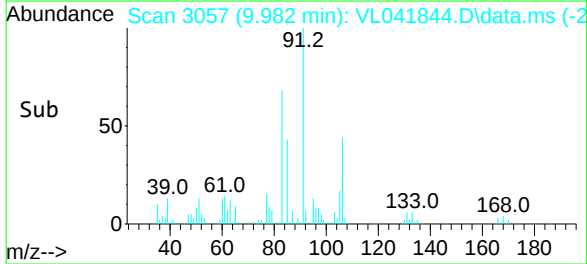
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



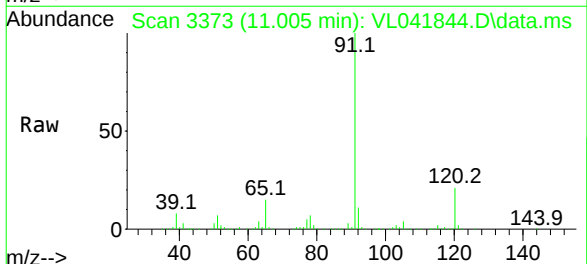
Tgt Ion: 83 Resp: 279419
Ion Ratio Lower Upper
83 100
131 9.2 4.8 14.3
85 64.4 31.9 95.9

Manual Integrations
APPROVED

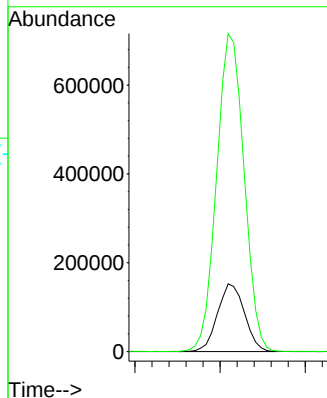
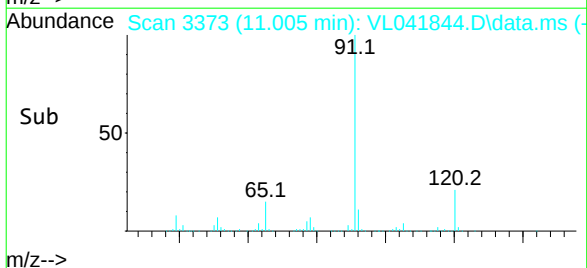
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

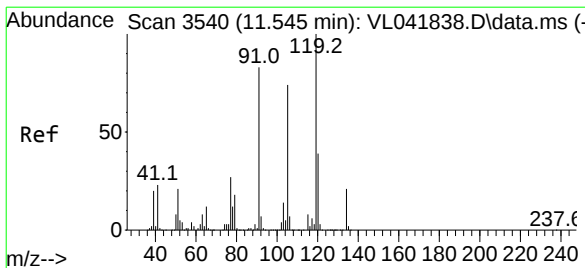


#64
n-propylbenzene
Concen: 18.932 ppbv
RT: 11.005 min Scan# 3373
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



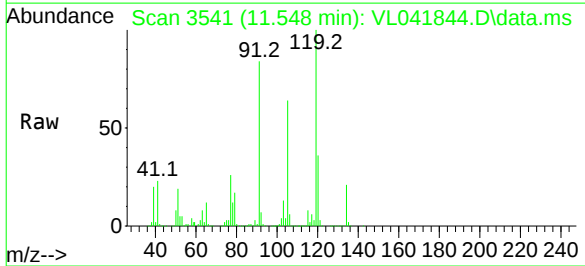
Tgt Ion:120 Resp: 167958
Ion Ratio Lower Upper
120 100
91 478.2 382.1 573.1





#65
tert-Butylbenzene
Concen: 18.498 ppbv
RT: 11.548 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

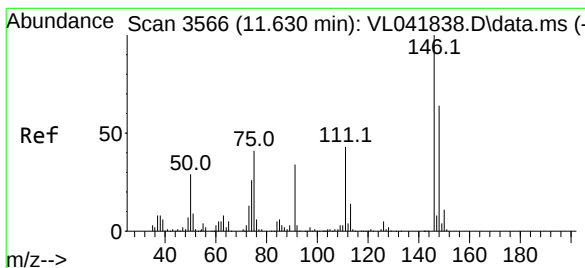
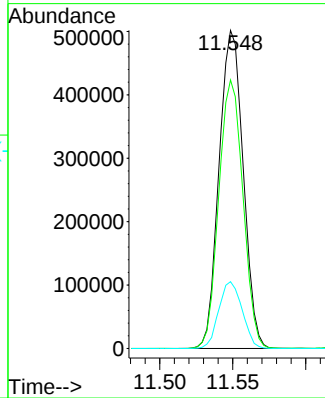
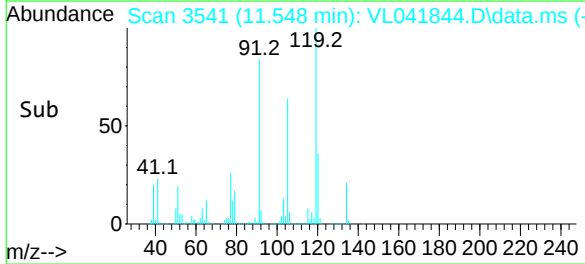
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015



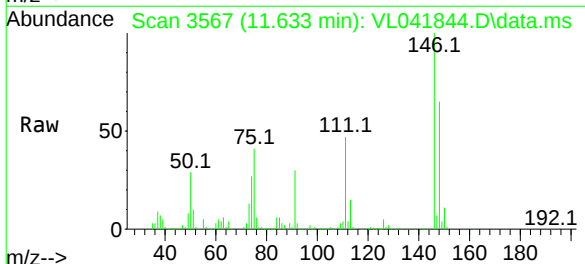
Tgt Ion: 119 Resp: 576406
Ion Ratio Lower Upper
119 100
91 84.7 68.0 102.0
134 20.4 16.2 24.4

Manual Integrations
APPROVED

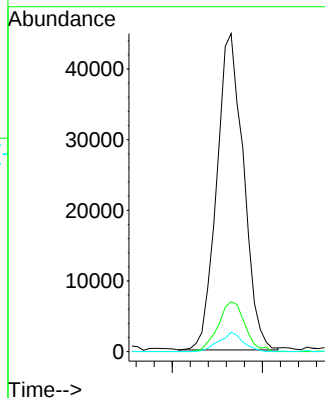
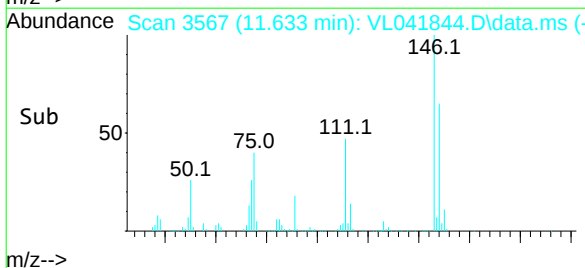
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025

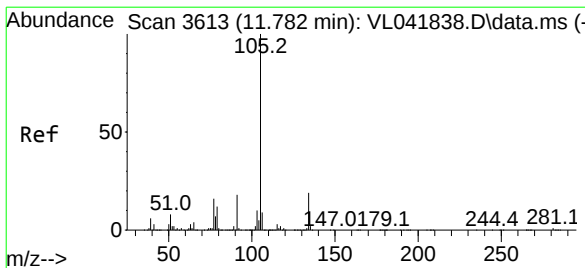


#66
Benzyl Chloride
Concen: 17.763 ppbv
RT: 11.633 min Scan# 3567
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25



Tgt Ion: 91 Resp: 46260
Ion Ratio Lower Upper
91 100
126 15.8 12.1 18.1
128 5.6 4.3 6.5





#67

sec-Butylbenzene

Concen: 18.248 ppbv

RT: 11.785 min Scan# 3613

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 105 Resp: 829725

Ion Ratio Lower Upper

105 100

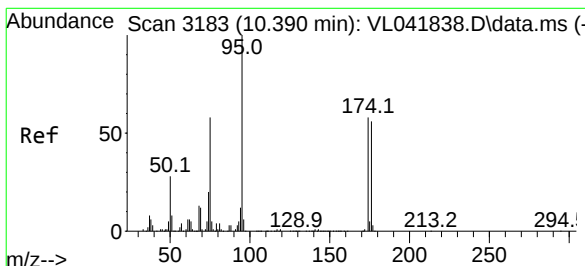
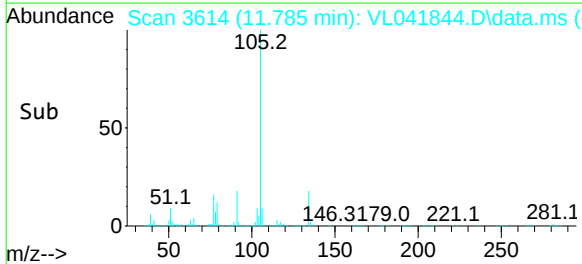
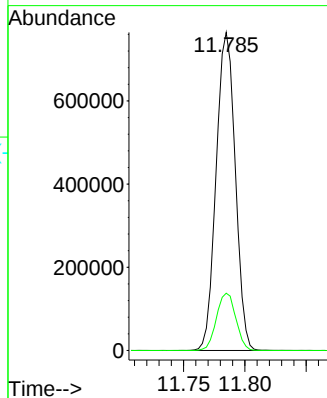
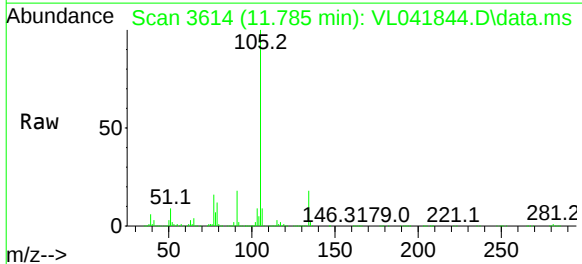
134 18.2 14.6 22.0

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 01/09/2025

Supervised By : Mahesh Dadoda 01/09/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.519 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

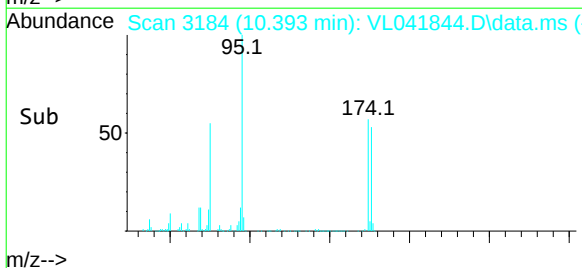
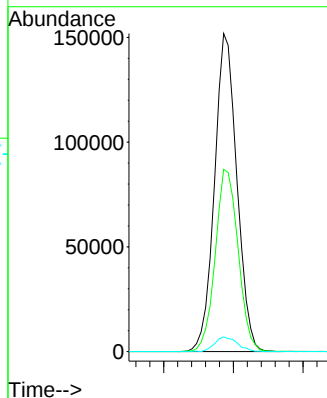
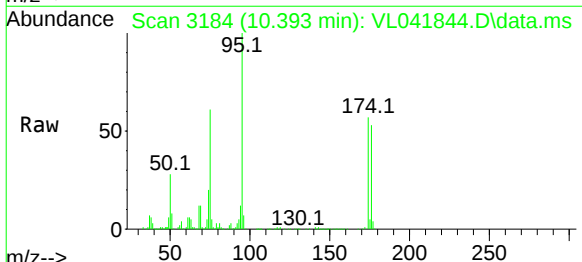
Tgt Ion: 95 Resp: 169446

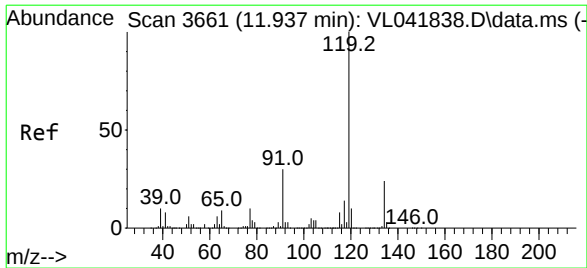
Ion Ratio Lower Upper

95 100

174 58.6 47.6 71.4

175 4.7 3.8 5.6





#69

p-Isopropyltoluene

Concen: 19.375 ppbv

RT: 11.943 min Scan# 3663

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

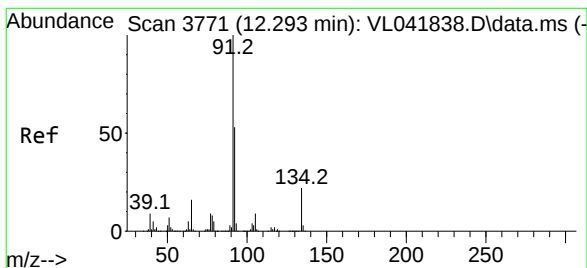
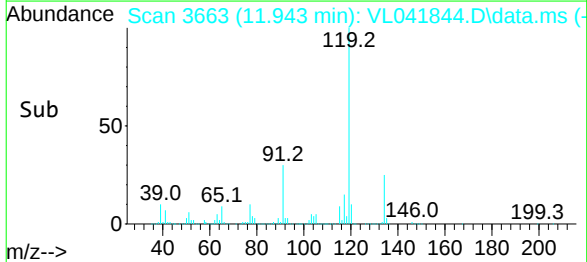
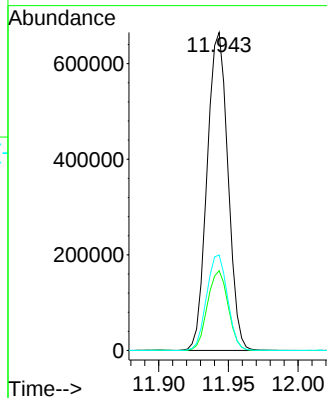
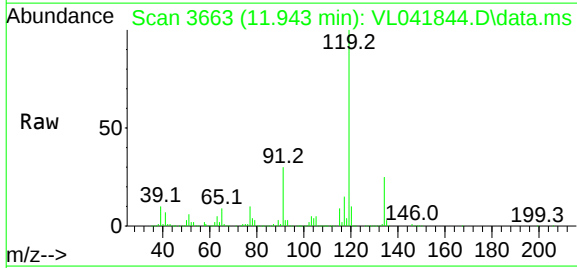
VSTDICC015

Tgt Ion:	119	Resp:	691614
Ion	Ratio	Lower	Upper
119	100		
134	24.9	19.4	29.2
91	30.2	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: 19.466 ppbv

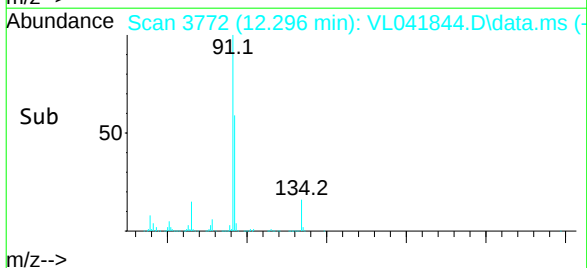
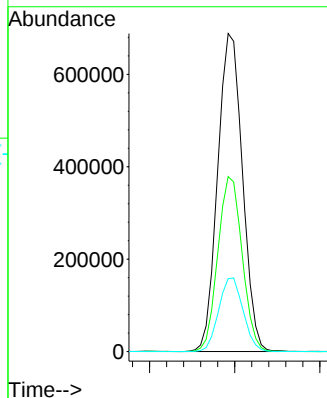
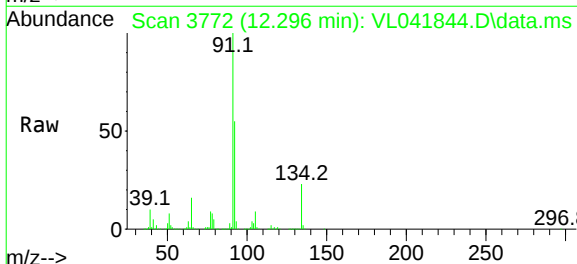
RT: 12.296 min Scan# 3772

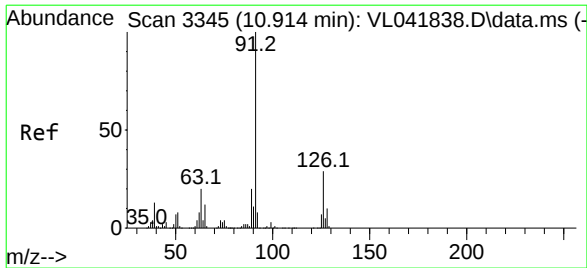
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	91	Resp:	698101
Ion	Ratio	Lower	Upper
91	100		
92	54.0	42.8	64.2
134	22.8	17.8	26.6





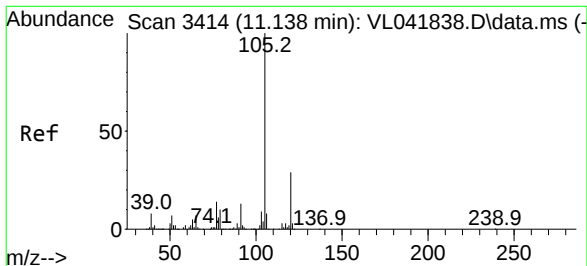
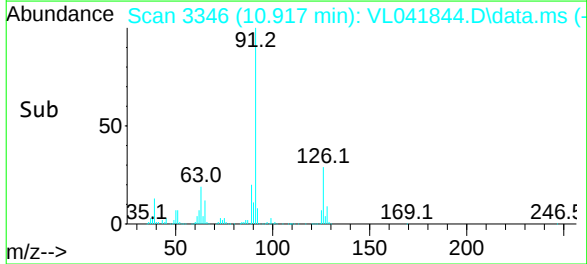
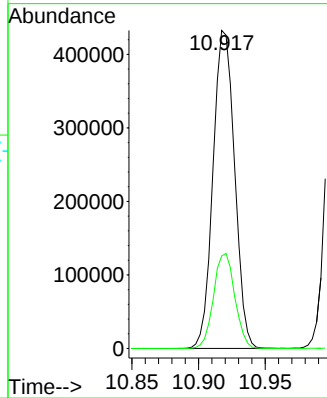
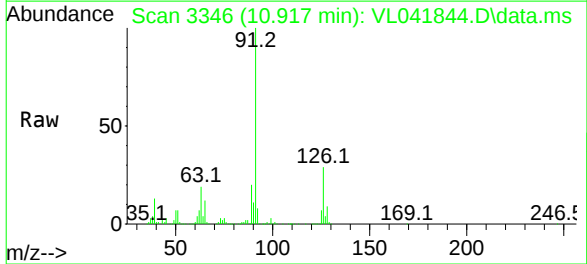
#71
2-Chlorotoluene
Concen: 19.398 ppbv
RT: 10.917 min Scan# 3345
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 91 Resp: 486908
Ion Ratio Lower Upper
91 100
126 29.4 11.6 46.6

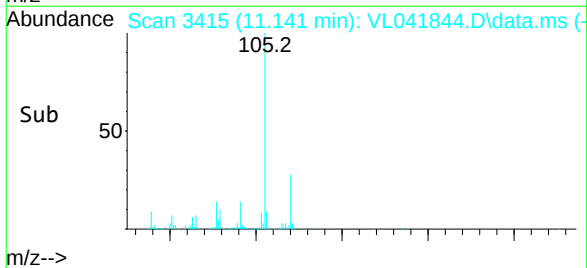
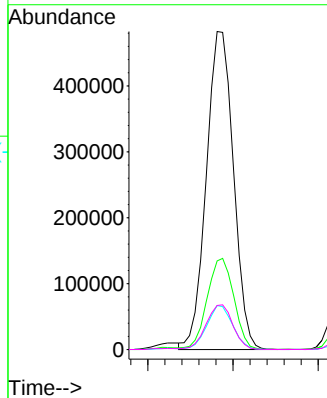
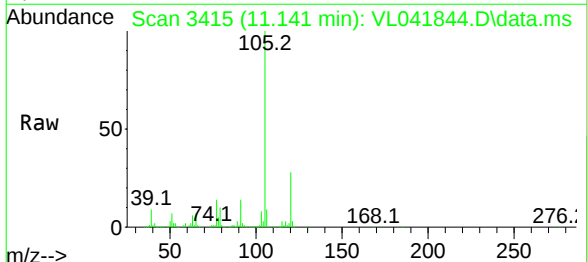
Manual Integrations
APPROVED

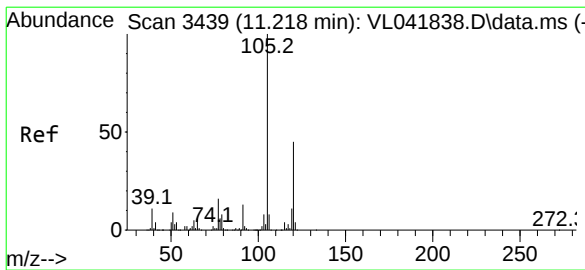
Reviewed By :Semsettin Yesilyurt 01/09/2025
Supervised By :Mahesh Dadoda 01/09/2025



#72
4-Ethyltoluene
Concen: 20.070 ppbv
RT: 11.141 min Scan# 3415
Delta R.T. 0.003 min
Lab File: VL041844.D
Acq: 07 Jan 2025 12:25

Tgt Ion:105 Resp: 534215
Ion Ratio Lower Upper
105 100
120 28.8 23.4 35.2
91 13.6 10.8 16.2
77 14.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 19.622 ppbv

RT: 11.222 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion:105 Resp: 457438

Ion Ratio Lower Upper

105 100

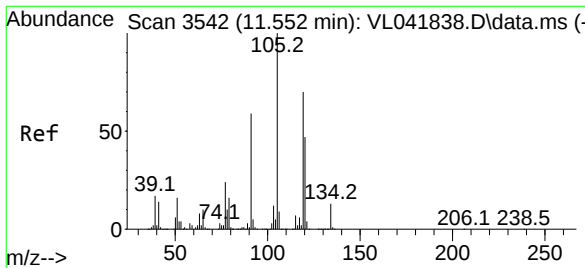
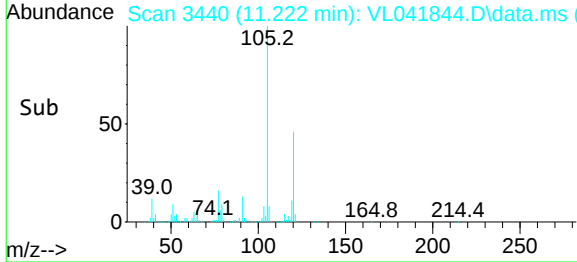
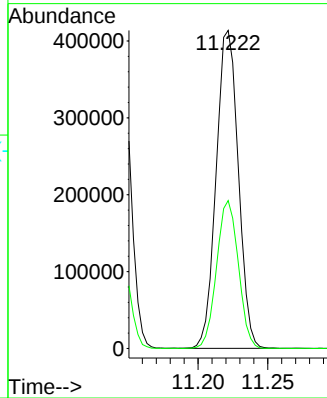
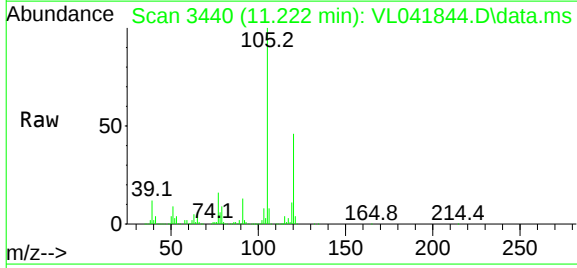
120 46.5 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/09/2025

Supervised By :Mahesh Dadoda 01/09/2025



#74

1,2,4-Trimethylbenzene

Concen: 18.396 ppbv

RT: 11.555 min Scan# 3543

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:105 Resp: 496746

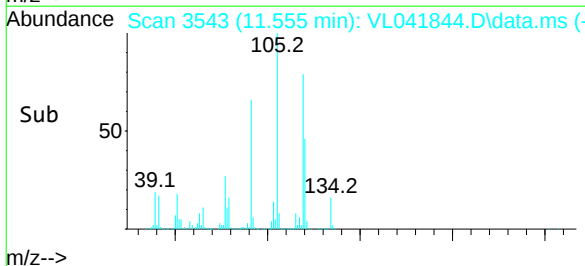
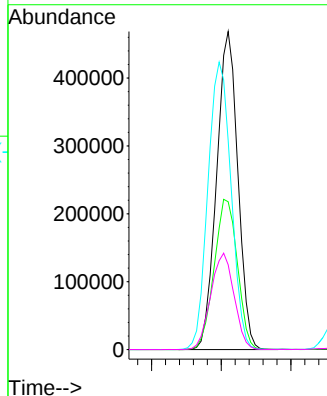
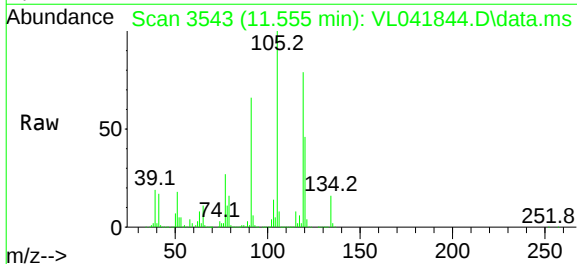
Ion Ratio Lower Upper

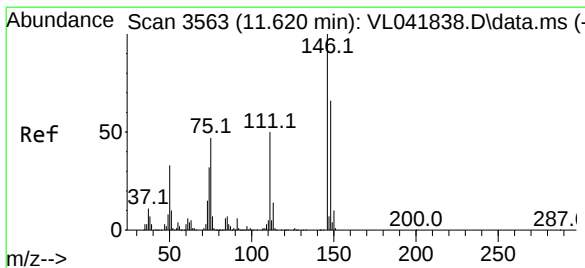
105 100

120 46.5 37.4 56.0

91 65.7 47.4 71.2

77 26.7 19.0 28.6





#75

1,3-Dichlorobenzene

Concen: 15.874 ppbv

RT: 11.626 min Scan# 3563

Delta R.T. 0.006 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

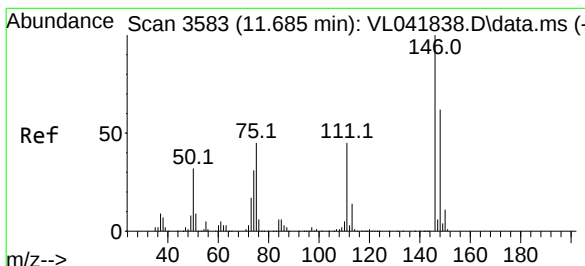
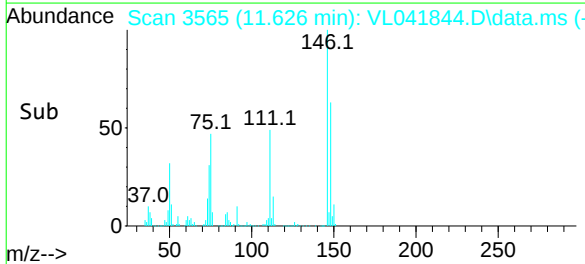
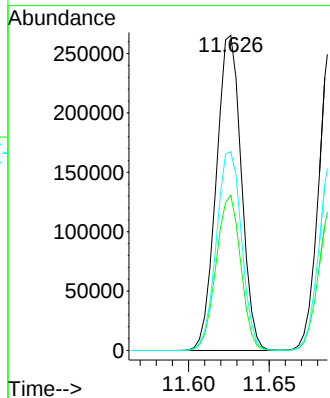
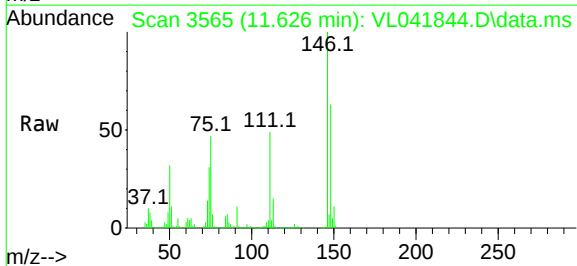
VSTDIC015

Tgt Ion:	146	Resp:	286905
Ion	Ratio	Lower	Upper
146	100		
111	48.3	24.1	72.2
148	63.4	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: 16.662 ppbv

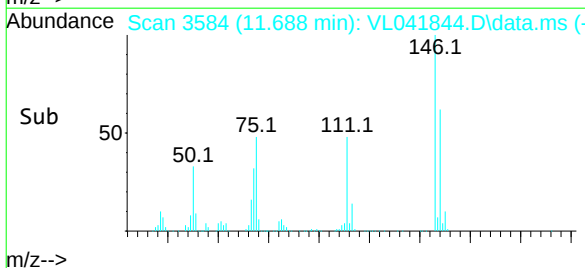
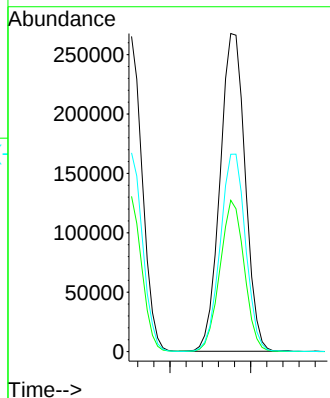
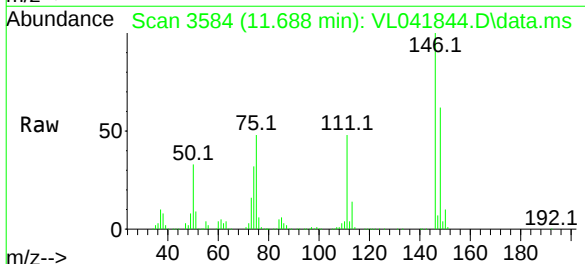
RT: 11.688 min Scan# 3584

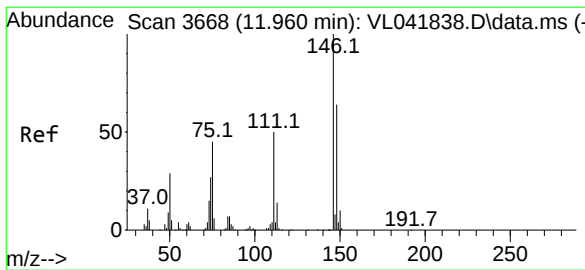
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	146	Resp:	289777
Ion	Ratio	Lower	Upper
146	100		
111	46.1	23.2	69.6
148	62.8	32.1	96.3





#77

1,2-Dichlorobenzene

Concen: 14.870 ppbv

RT: 11.963 min Scan# 3668

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

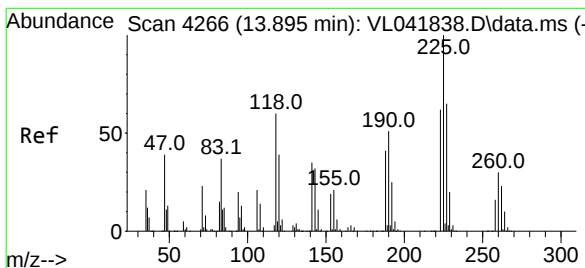
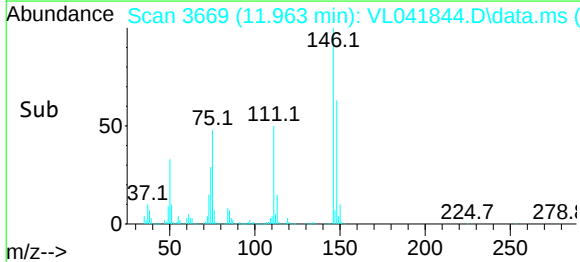
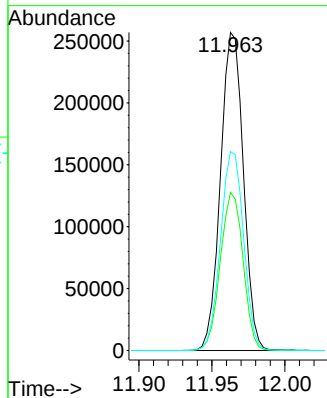
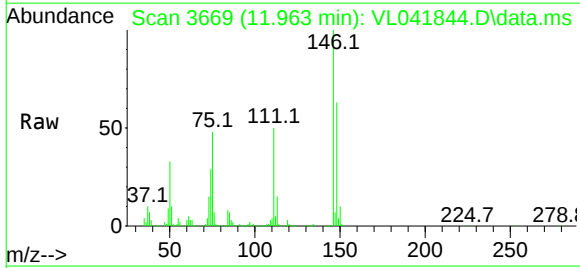
VSTDICC015

Tgt Ion:	146	Resp:	280054
Ion Ratio	Lower	Upper	
146	100		
111	49.5	24.7	74.1
148	63.3	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: 14.312 ppbv

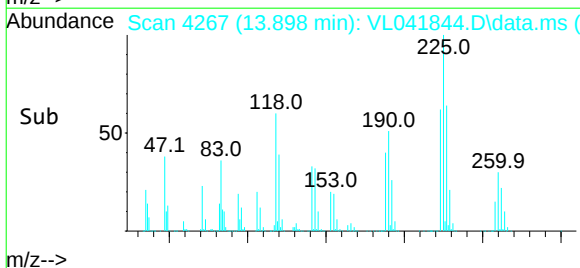
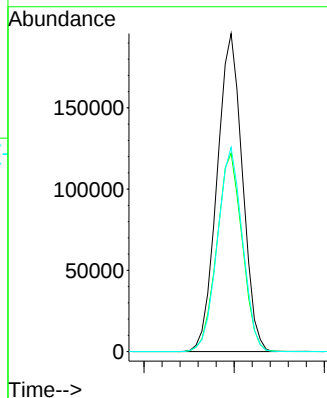
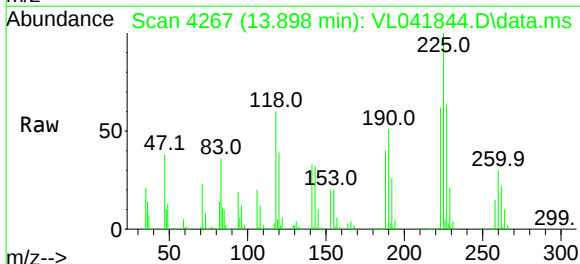
RT: 13.898 min Scan# 4267

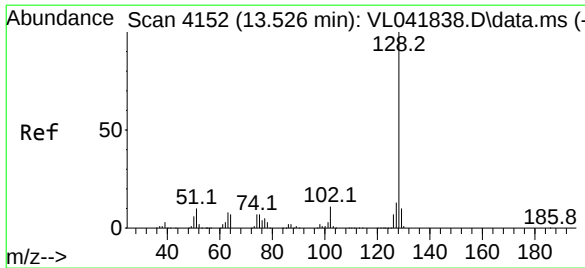
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	225	Resp:	191358
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.4	75.6
227	63.1	51.2	76.8





#79

Naphthalene

Concen: 21.675 ppbv

RT: 13.529 min Scan# 4152

Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

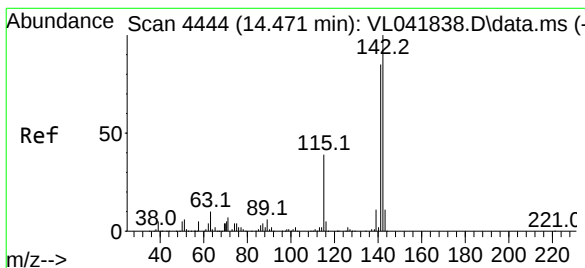
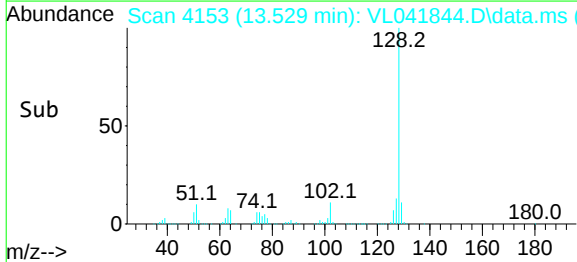
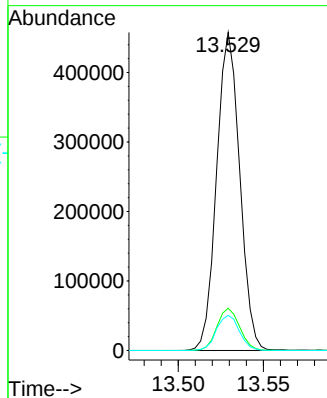
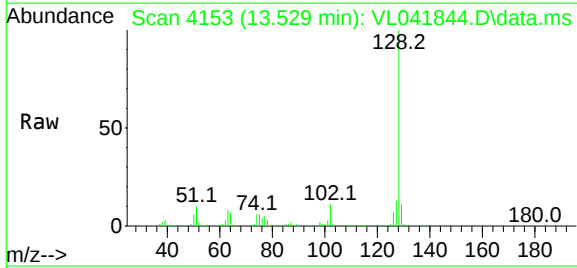
VSTDIC015

Tgt Ion:	128	Resp:	431155
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	11.1	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: 22.846 ppbv

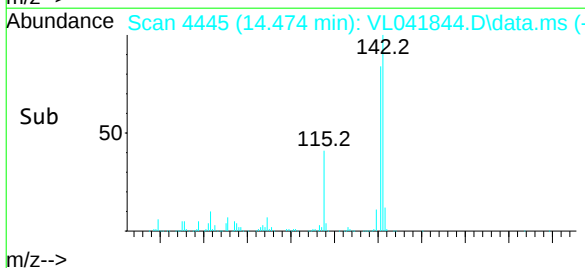
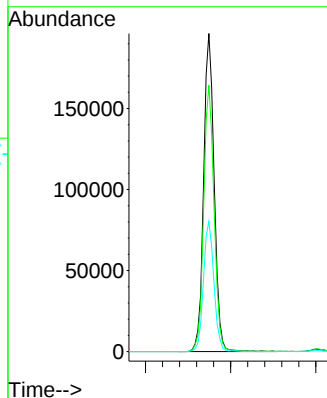
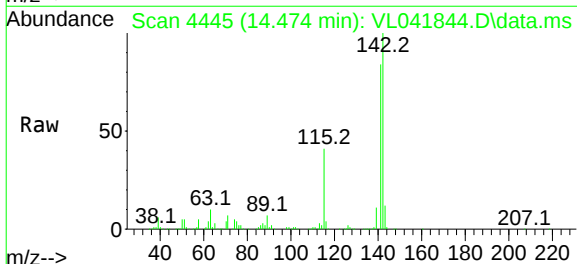
RT: 14.474 min Scan# 4445

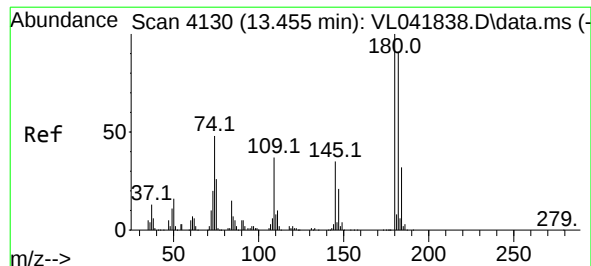
Delta R.T. 0.003 min

Lab File: VL041844.D

Acq: 07 Jan 2025 12:25

Tgt Ion:	142	Resp:	168205
Ion Ratio	Lower	Upper	
142	100		
141	82.9	67.8	101.8
115	40.9	32.6	48.8





#81

1,2,4-Trichlorobenzene

Concen: 17.340 ppbv

RT: 13.455 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041844.D

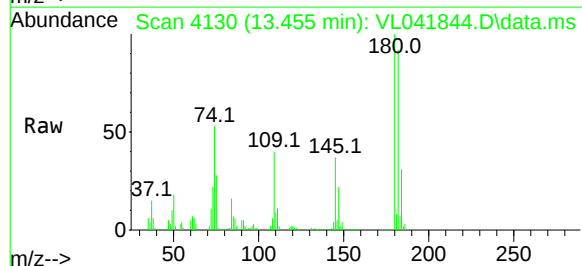
Acq: 07 Jan 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015



Tgt Ion:180 Resp: 191178

Ion Ratio Lower Upper

180 100

182 95.5 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

