

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
 Data File : VL042890.D
 Acq On : 04 Sep 2025 14:45
 Operator : SY/MD
 Sample : VL0904ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01

Quant Time: Sep 05 01:22:01 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2025
 Supervised By : Mahesh Dadoda 09/05/2025

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

Internal Standards						
1) Bromochloromethane	2.794	49	126424	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	347754	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	295195	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.387 95 233141 10.531 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	190156	10.263	ppbv	98
3) Chlorodifluoromethane	1.480	51	215829	10.538	ppbv	99
4) Chloromethane	1.535	50	71767	9.598	ppbv	97
5) Vinyl Chloride	1.583	62	68114	9.250	ppbv	99
6) Bromomethane	1.670	94	27284	9.267	ppbv	99
7) Chloroethane	1.706	64	26790	9.316	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	155450	10.253	ppbv	95
9) Propene	1.486	41	82956	9.379	ppbv	100
10) Heptane	4.995	43	225153	9.504	ppbv	98
11) Trichlorofluoromethane	1.881	101	188180	10.294	ppbv	96
12) 1,1,2-Trichlorotrifluo...	2.143	101	148429	10.187	ppbv	96
13) Ethanol	1.726	45	6078m	7.516	ppbv	
14) Bromoethene	1.787	108	53382	10.121	ppbv	98
15) Acetone	1.839	43	143057	8.554	ppbv	100
16) 1,3-Butadiene	1.612	39	67073	8.847	ppbv	98
17) tert-Butyl alcohol	2.046	59	169678	8.556	ppbv	98
18) 1,1-Dichloroethene	2.039	96	67507	10.539	ppbv	99
19) Isopropyl Alcohol	1.891	45	87358	8.746	ppbv	92
20) Methylene Chloride	2.065	84	57578	8.219	ppbv	93
21) Allyl Chloride	2.101	41	113052	9.569	ppbv	95
22) trans-1,2-Dichloroethene	2.347	96	73133	9.868	ppbv	97
23) Vinyl Acetate	2.467	43	234878	10.215	ppbv	99
24) 1,1-Dichloroethane	2.415	63	145841	9.854	ppbv	98
25) Ethyl Acetate	2.842	43	398993	9.858	ppbv	99
26) Hexane	2.832	57	179880	9.628	ppbv	94
27) Carbon Disulfide	2.156	76	186064	10.234	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	86578	9.089	ppbv	94
29) Chloroform	2.855	83	278130	10.427	ppbv	98
30) Cyclohexane	3.868	84	154277	9.419	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	181358	9.718	ppbv	92
32) 1,1,1-Trichloroethane	3.376	97	274827	9.749	ppbv	97
34) 2-Butanone	2.564	43	262356	11.173	ppbv	99
35) Carbon Tetrachloride	3.771	117	274384	11.445	ppbv	97
36) Benzene	3.667	78	360165	10.816	ppbv	96
37) 1,2-Dichloroethane	3.227	62	214659	12.338	ppbv	97
38) Trichloroethene	4.561	130	152993	10.060	ppbv	98
39) 1,2-Dichloropropane	4.325	63	135529	11.144	ppbv	93
40) 1,4-Dioxane	4.590	88	56645	9.795	ppbv #	93
41) Tetrahydrofuran	3.059	42	142257	10.866	ppbv	98
42) Bromodichloromethane	4.503	83	307835	11.874	ppbv	98
43) Methyl Methacrylate	4.894	69	138461	10.093	ppbv	95
44) 2,2,4-Trimethylpentane	4.651	57	609738	10.788	ppbv	99
45) t-1,3-Dichloropropene	6.432	75	160460	10.365	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
 Data File : VL042890.D
 Acq On : 04 Sep 2025 14:45
 Operator : SY/MD
 Sample : VL0904ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 01:22:01 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

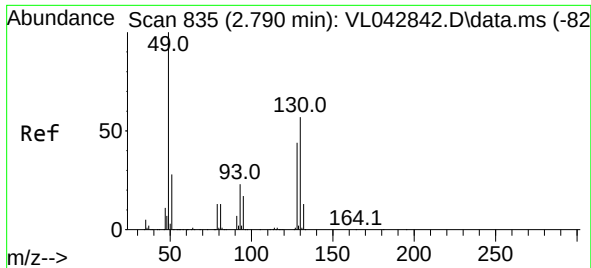
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2025

QLast Update : Thu Aug 14 02:12:54 2025

Response via : Initial Calibration

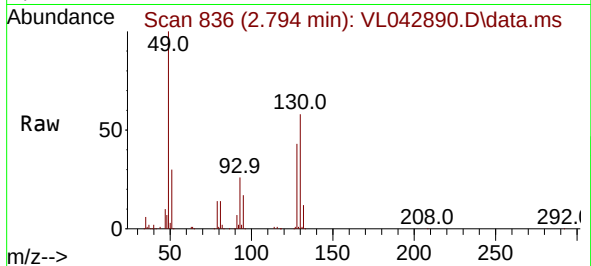
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.616	75	203769	10.563	ppbv	97
47) 1,1,2-Trichloroethane	6.593	97	142646	11.070	ppbv	96
48) Dibromochloromethane	7.399	129	232710	11.160	ppbv	98
49) Bromoform	9.493	173	185108	10.764	ppbv	99
50) 4-Methyl-2-Pentanone	5.768	43	341811	10.769	ppbv	98
51) 2-Hexanone	7.448	43	271565	10.873	ppbv #	97
52) Tetrachloroethene	8.234	164	111720	9.274	ppbv	92
53) Toluene	6.949	91	402563	10.168	ppbv	99
54) 1,2-Dibromoethane	7.665	107	202313	10.743	ppbv	95
56) 1,1,1,2-Tetrachloroethane	8.937	131	169496	11.103	ppbv	99
57) Chlorobenzene	8.937	112	303624	10.818	ppbv	97
58) Ethyl Benzene	9.364	91	556627	10.685	ppbv	99
59) m/p-Xylene	9.561	91	910133m	22.290	ppbv	
60) o-Xylene	9.972	91	462674	11.264	ppbv	98
61) Styrene	9.882	104	194594	10.112	ppbv	99
62) Isopropylbenzene	10.549	105	654902	10.910	ppbv	97
63) 1,1,2,2-Tetrachloroethane	9.972	83	259275	11.478	ppbv	98
64) n-propylbenzene	10.998	120	165171	10.785	ppbv	92
65) tert-Butylbenzene	11.539	119	563255	10.644	ppbv	96
66) Benzyl Chloride	11.623	91	48287	7.188	ppbv	99
67) sec-Butylbenzene	11.775	105	818922	11.025	ppbv	98
69) p-Isopropyltoluene	11.934	119	667469	10.467	ppbv	97
70) n-Butylbenzene	12.290	91	712683	11.269	ppbv	98
71) 2-Chlorotoluene	10.911	91	503794	10.809	ppbv	97
72) 4-Ethyltoluene	11.134	105	555714	11.161	ppbv	98
73) 1,3,5-Trimethylbenzene	11.212	105	457648	10.808	ppbv	96
74) 1,2,4-Trimethylbenzene	11.545	105	507321	10.916	ppbv	98
75) 1,3-Dichlorobenzene	11.617	146	290724	11.004	ppbv	100
76) 1,4-Dichlorobenzene	11.681	146	290443	10.870	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	276916	10.703	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	173101	8.164	ppbv	99
79) Naphthalene	13.520	128	440047	10.443	ppbv	98
80) Naphthalene,2-methyl-	14.462	142	140135	8.900	ppbv	97
81) 1,2,4-Trichlorobenzene	13.449	180	215766	10.188	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.794 min Scan# 81
Delta R.T. 0.004 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

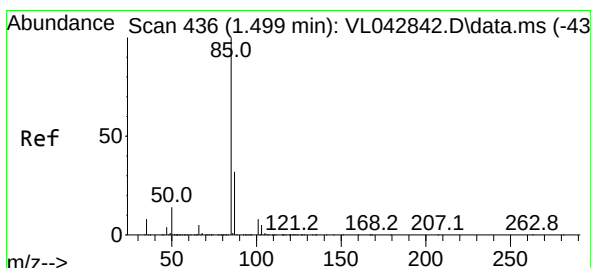
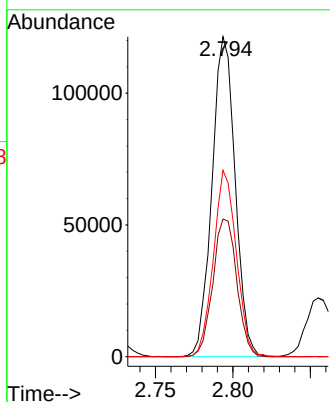
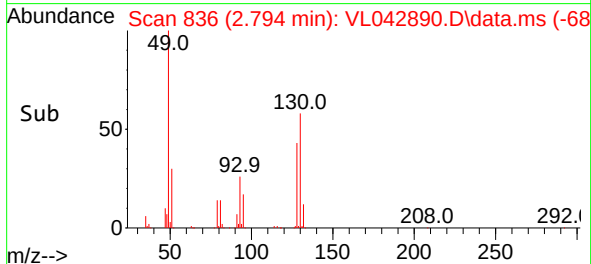
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



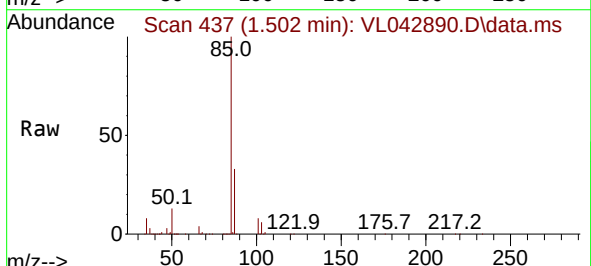
Tgt Ion: 49 Resp: 126424
Ion Ratio Lower Upper
49 100
128 44.3 23.7 71.1
130 57.5 30.6 91.6

Manual Integrations
APPROVED

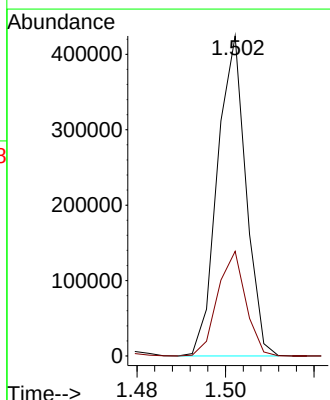
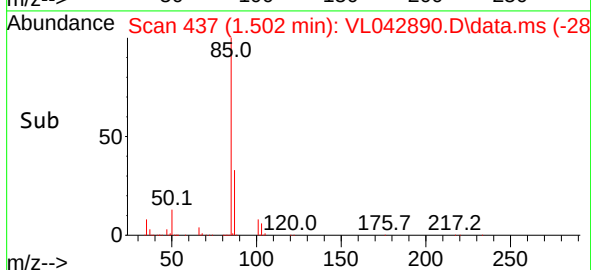
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

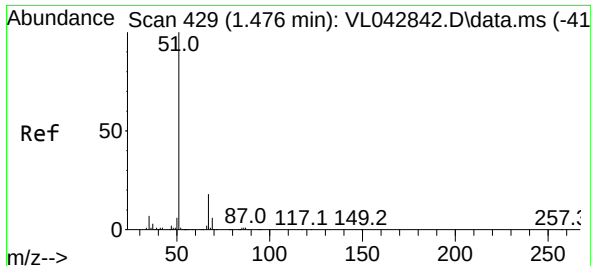


#2
Dichlorodifluoromethane
Concen: 10.263 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



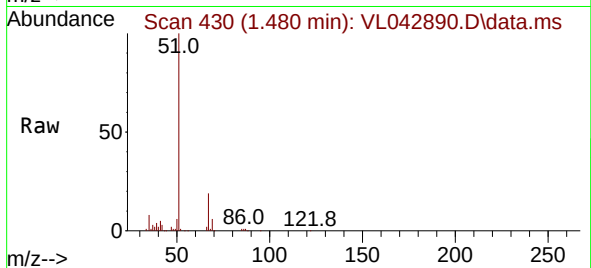
Tgt Ion: 85 Resp: 190156
Ion Ratio Lower Upper
85 100
87 32.7 25.3 37.9





#3
Chlorodifluoromethane
Concen: 10.538 ppbv
RT: 1.480 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

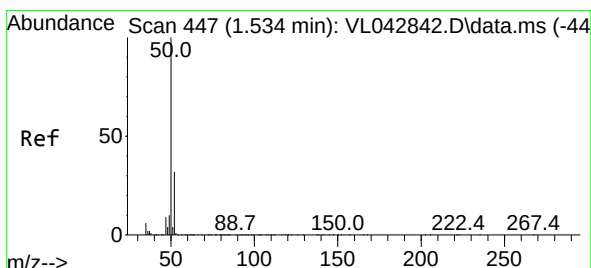
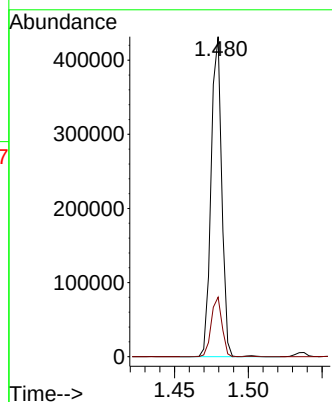
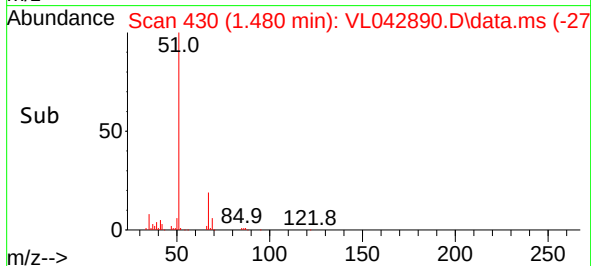
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



Tgt Ion: 51 Resp: 215829
Ion Ratio Lower Upper
51 100
67 18.8 14.9 22.3

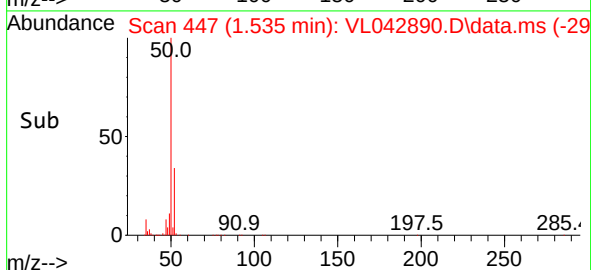
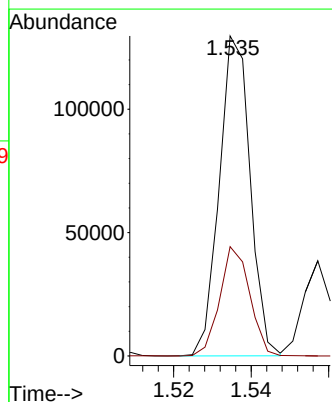
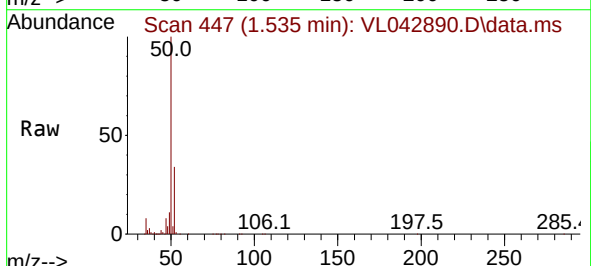
Manual Integrations
APPROVED

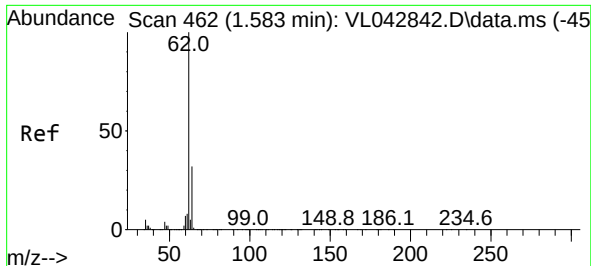
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#4
Chloromethane
Concen: 9.598 ppbv
RT: 1.535 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

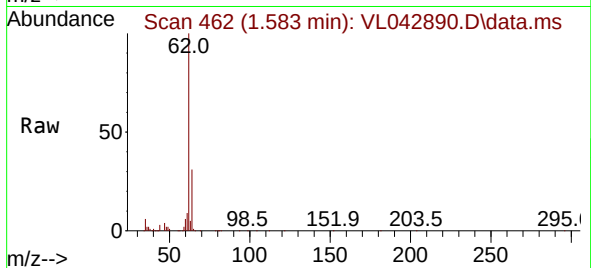
Tgt Ion: 50 Resp: 71767
Ion Ratio Lower Upper
50 100
52 34.2 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.250 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

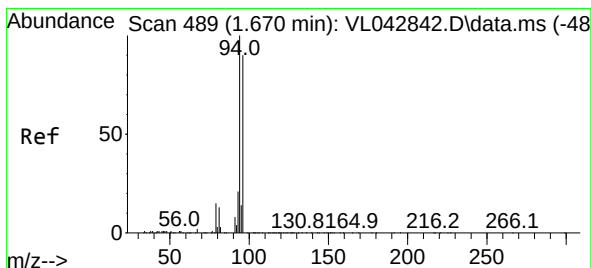
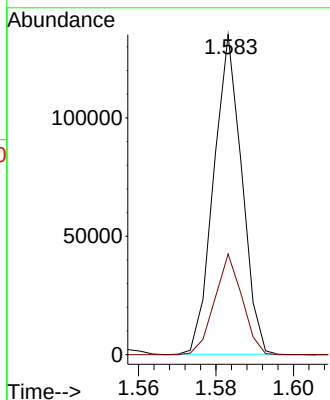
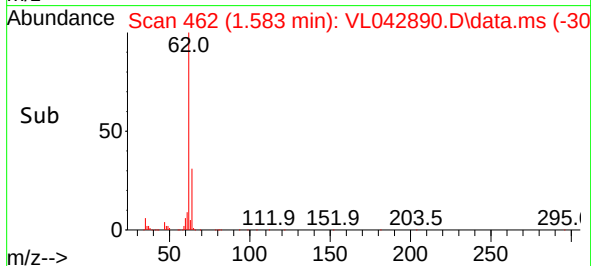
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01



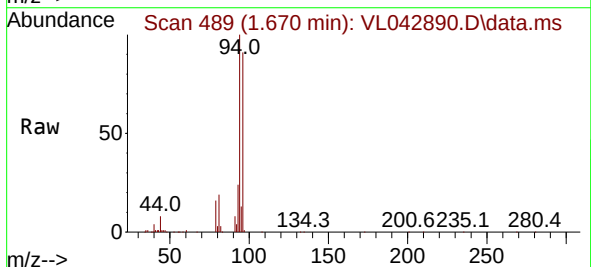
Tgt Ion: 62 Resp: 68114
 Ion Ratio Lower Upper
 62 100
 64 31.5 25.4 38.2

Manual Integrations
 APPROVED

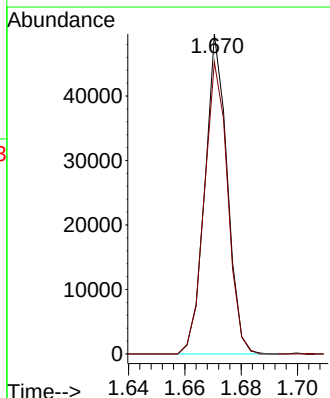
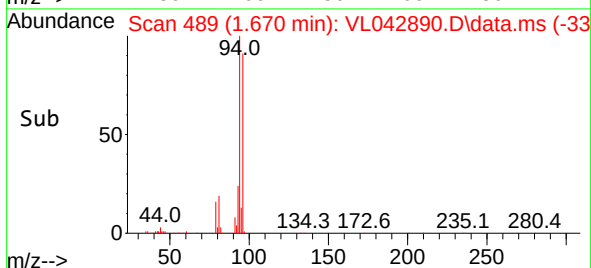
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

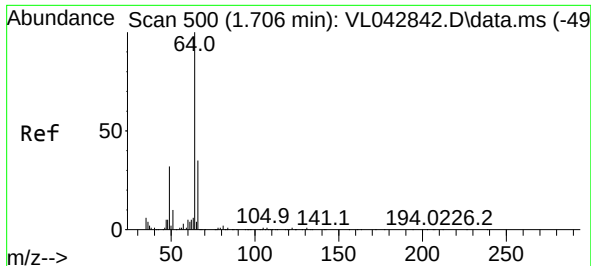


#6
 Bromomethane
 Concen: 9.267 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45



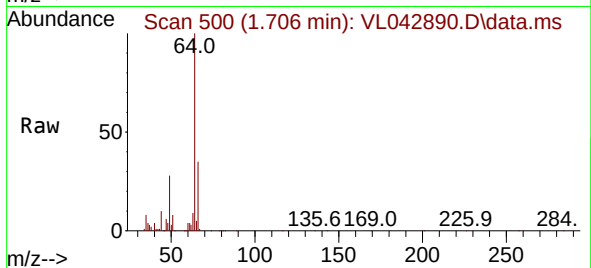
Tgt Ion: 94 Resp: 27284
 Ion Ratio Lower Upper
 94 100
 96 91.3 72.1 108.1





#7
Chloroethane
Concen: 9.316 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

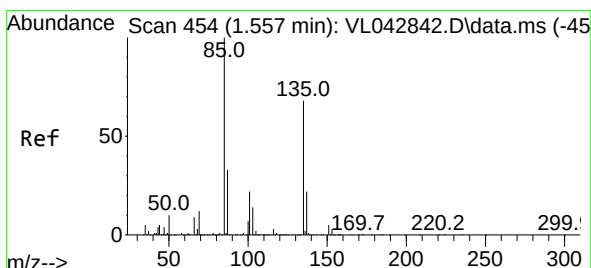
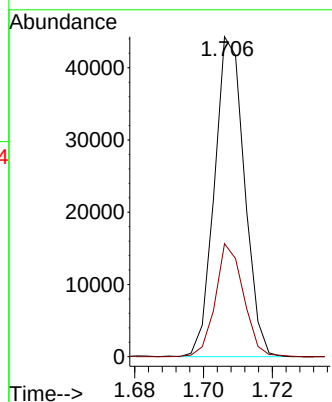
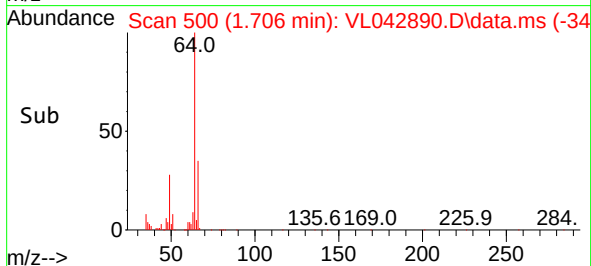
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



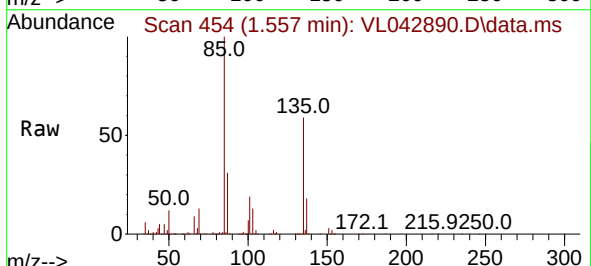
Tgt Ion: 64 Resp: 26790
Ion Ratio Lower Upper
64 100
66 35.3 28.6 42.8

Manual Integrations
APPROVED

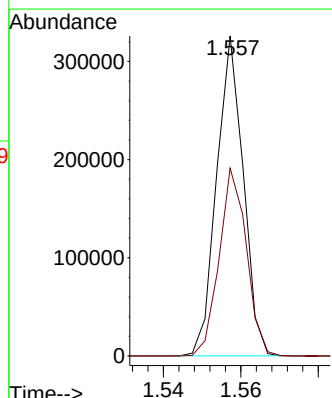
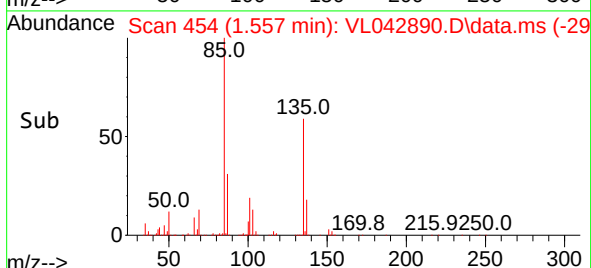
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

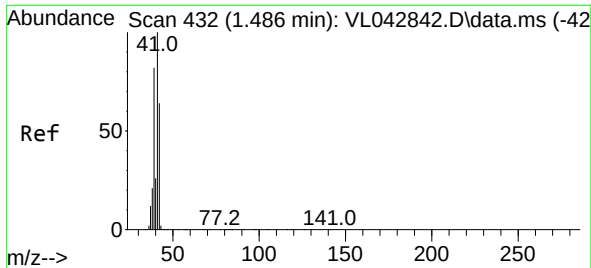


#8
Dichlorotetrafluoroethane
Concen: 10.253 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion: 85 Resp: 155450
Ion Ratio Lower Upper
85 100
135 60.2 51.2 76.8





#9

Propene

Concen: 9.379 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

Tgt Ion: 41 Resp: 82950

Ion Ratio Lower Upper

41 100

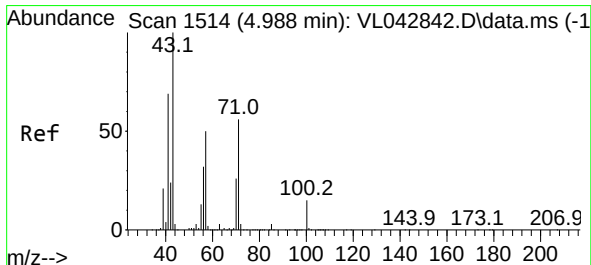
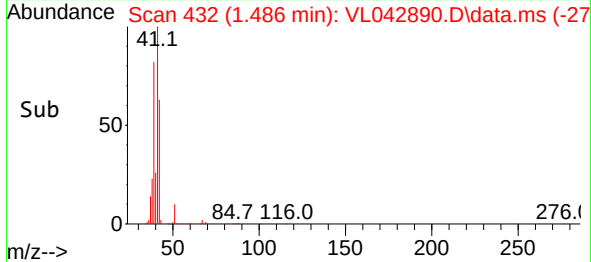
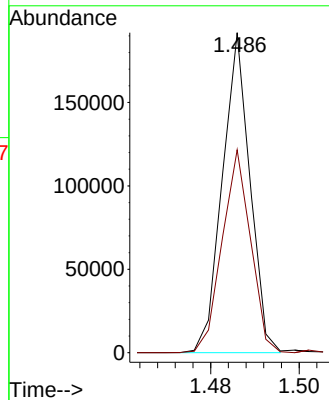
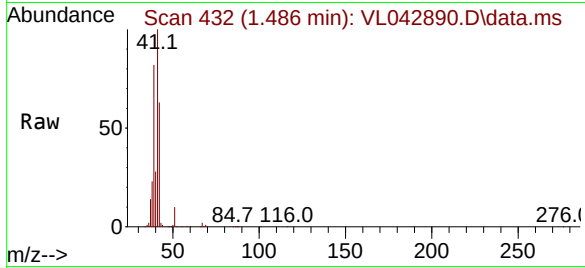
42 66.1 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025

Supervised By :Mahesh Dadoda 09/05/2025



#10

Heptane

Concen: 9.504 ppbv

RT: 4.995 min Scan# 1516

Delta R.T. 0.007 min

Lab File: VL042890.D

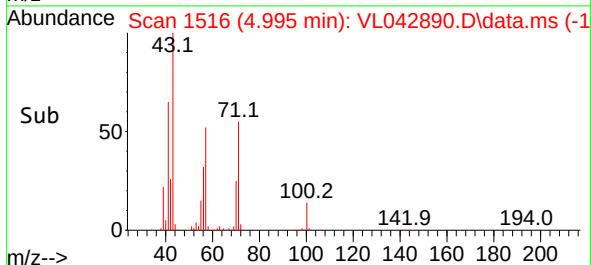
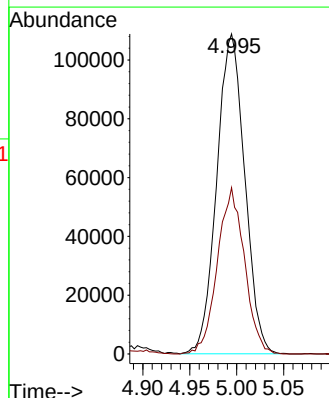
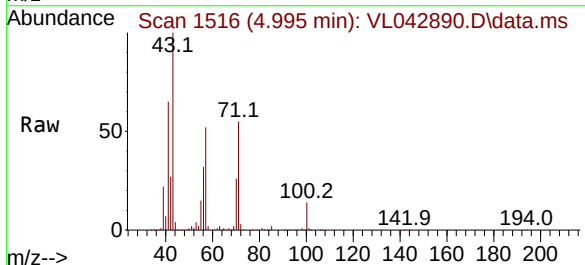
Acq: 04 Sep 2025 14:45

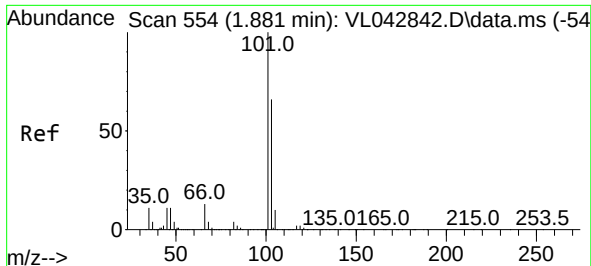
Tgt Ion: 43 Resp: 225153

Ion Ratio Lower Upper

43 100

57 50.3 41.4 62.0





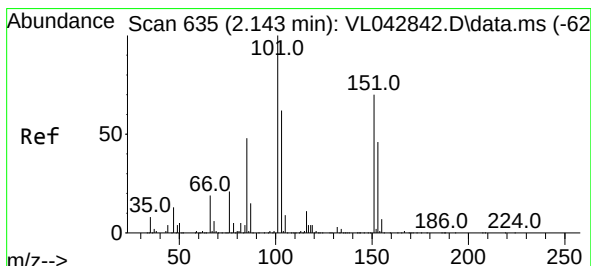
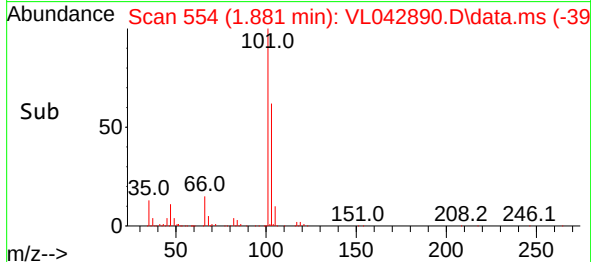
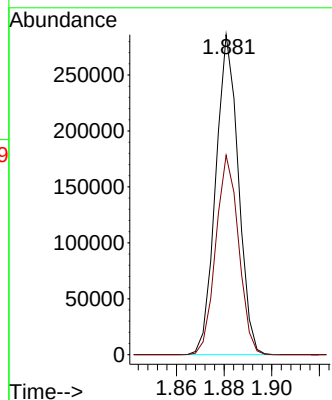
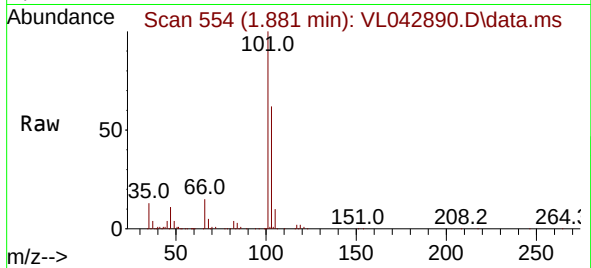
#11
 Trichlorofluoromethane
 Concen: 10.294 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01

Tgt Ion:101 Resp: 188180
 Ion Ratio Lower Upper
 101 100
 103 62.3 52.5 78.7

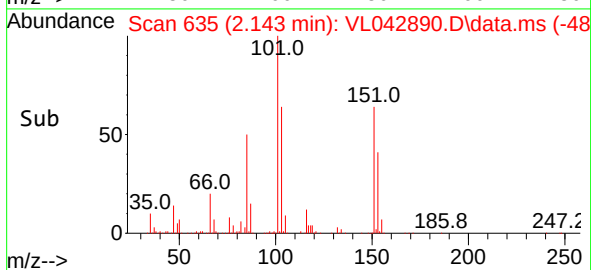
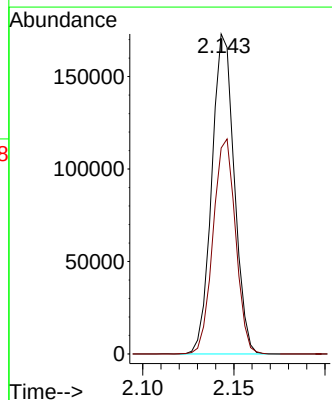
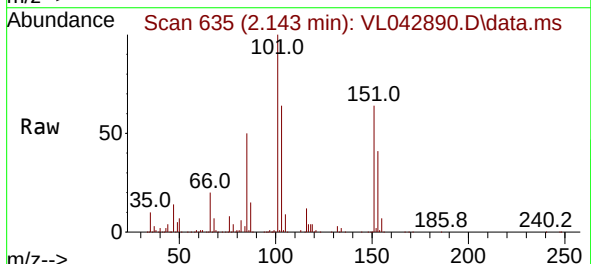
Manual Integrations
 APPROVED

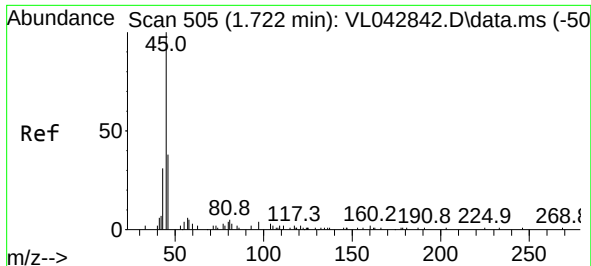
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.187 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

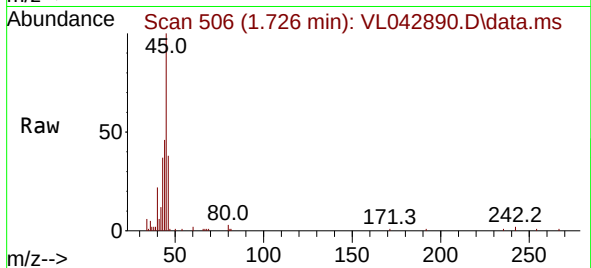
Tgt Ion:101 Resp: 148429
 Ion Ratio Lower Upper
 101 100
 151 67.3 56.4 84.6





#13
Ethanol
Concen: 7.516 ppbv m
RT: 1.726 min Scan# 505
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

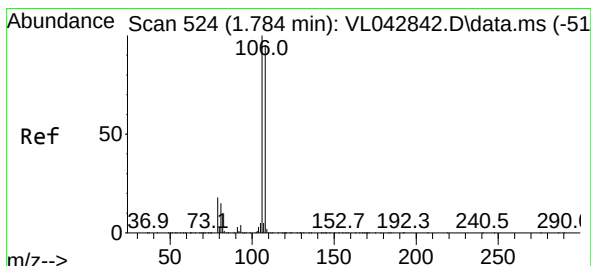
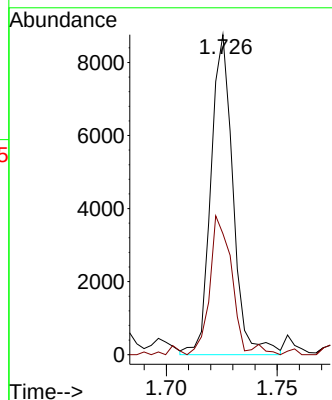
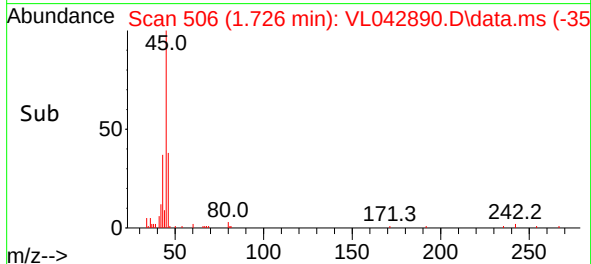
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



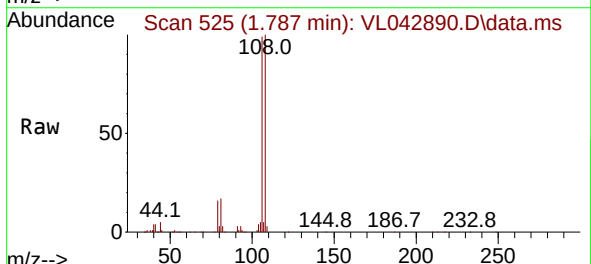
Tgt Ion: 45 Resp: 6078
Ion Ratio Lower Upper
45 100
46 47.0 17.5 69.9

Manual Integrations
APPROVED

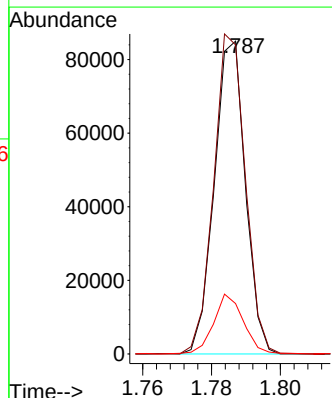
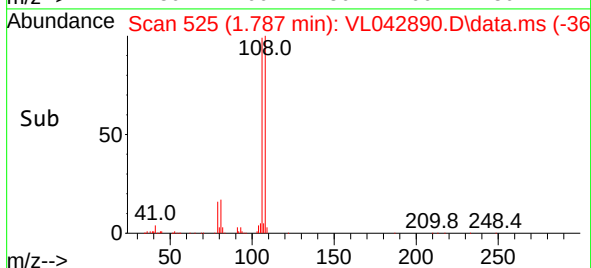
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

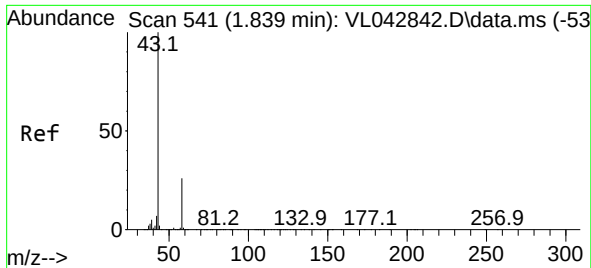


#14
Bromoethene
Concen: 10.121 ppbv
RT: 1.787 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



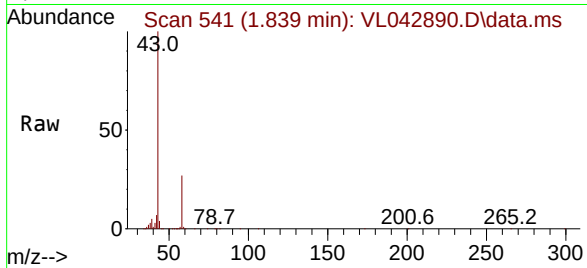
Tgt Ion:108 Resp: 53382
Ion Ratio Lower Upper
108 100
106 103.9 85.1 127.7
79 19.2 16.3 24.5





#15
Acetone
Concen: 8.554 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

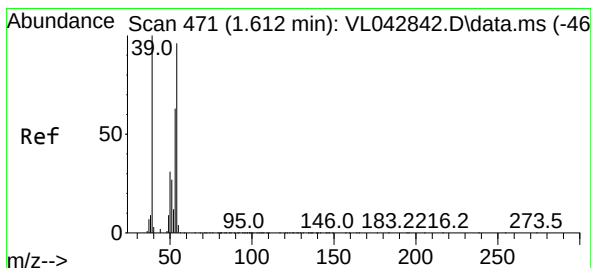
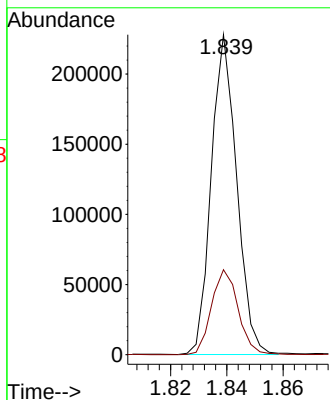
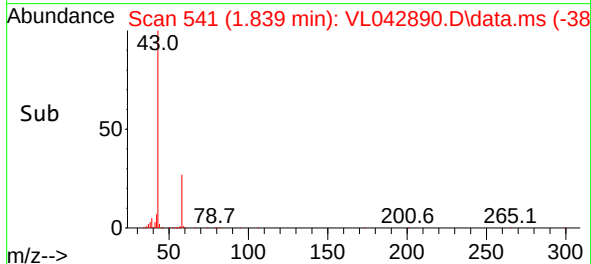
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



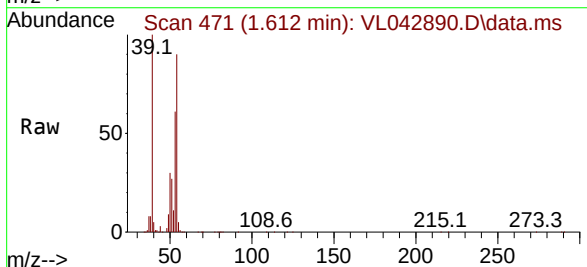
Tgt Ion: 43 Resp: 14305
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6

Manual Integrations
APPROVED

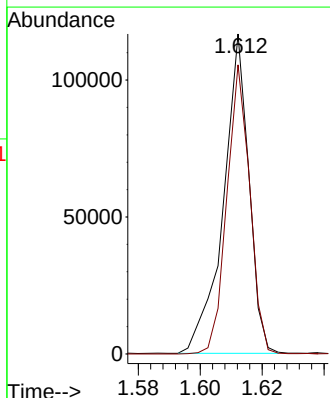
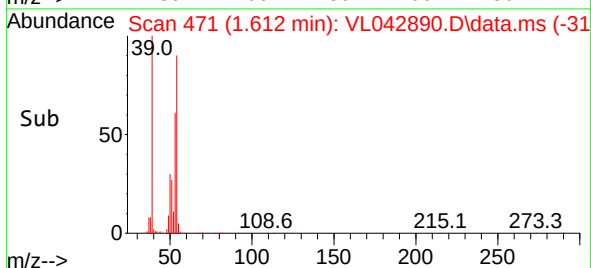
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

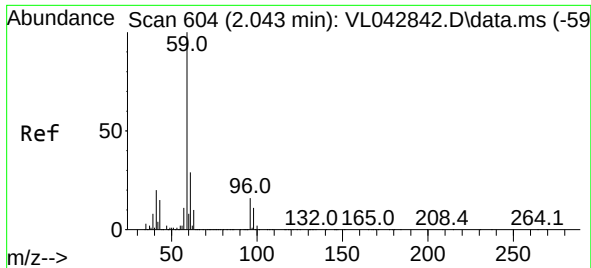


#16
1,3-Butadiene
Concen: 8.847 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion: 39 Resp: 67073
Ion Ratio Lower Upper
39 100
54 80.9 63.6 95.4





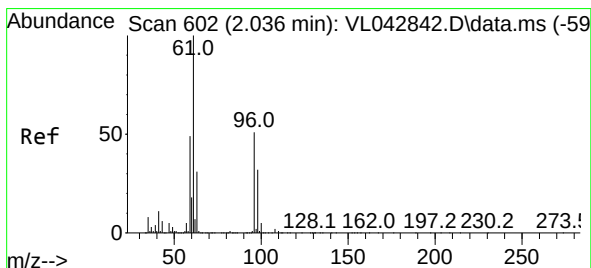
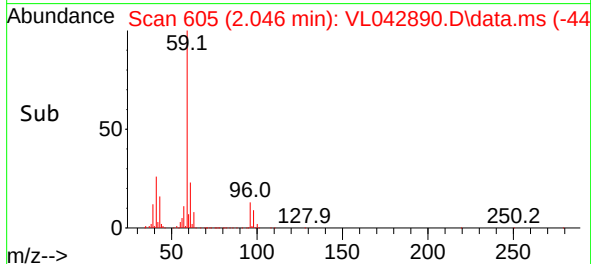
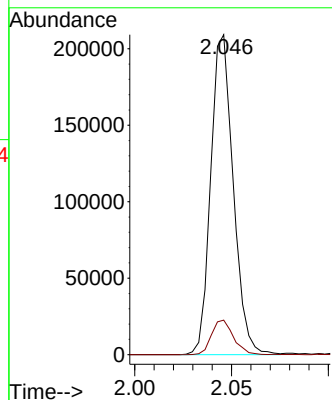
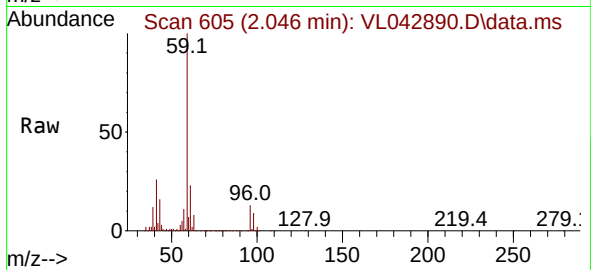
#17
tert-Butyl alcohol
Concen: 8.556 ppbv
RT: 2.046 min Scan# 604
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 59 Resp: 169678
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4

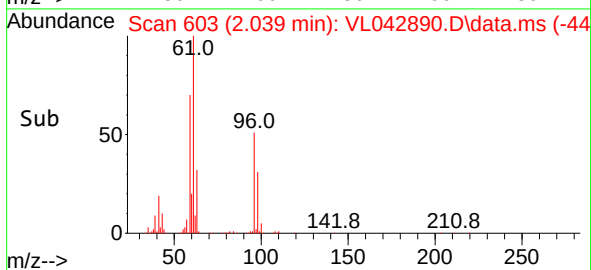
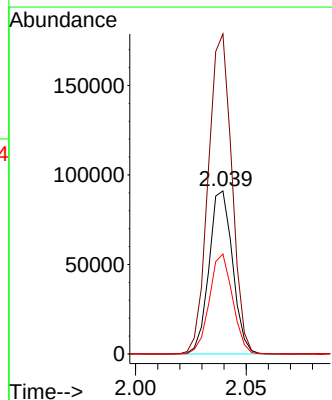
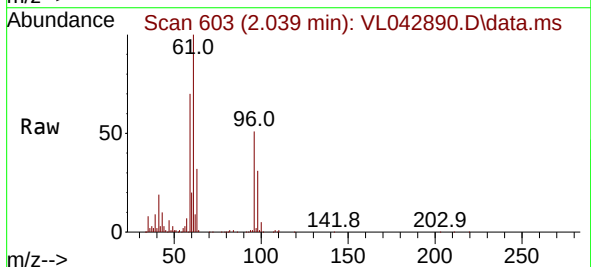
Manual Integrations
APPROVED

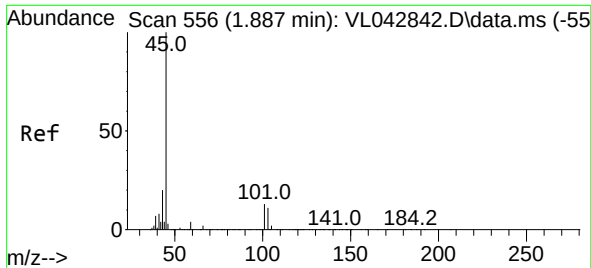
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#18
1,1-Dichloroethene
Concen: 10.539 ppbv
RT: 2.039 min Scan# 603
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

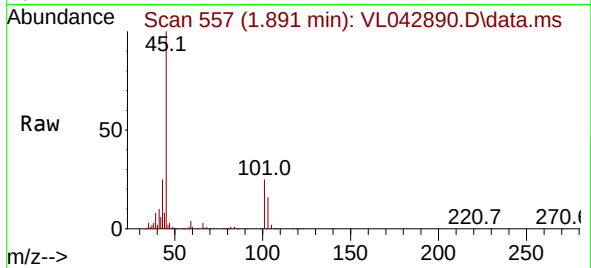
Tgt Ion: 96 Resp: 67507
Ion Ratio Lower Upper
96 100
61 196.1 158.2 237.4
98 61.3 50.6 76.0





#19
Isopropyl Alcohol
Concen: 8.746 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

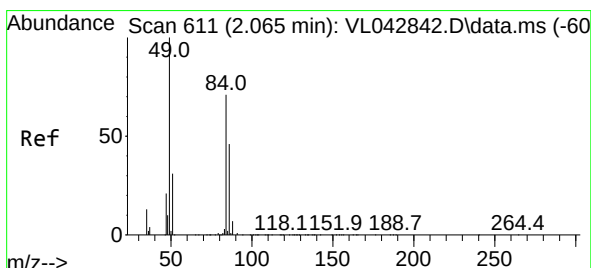
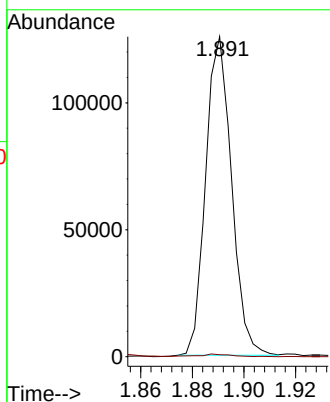
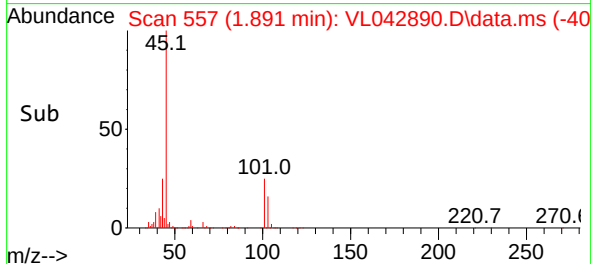
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



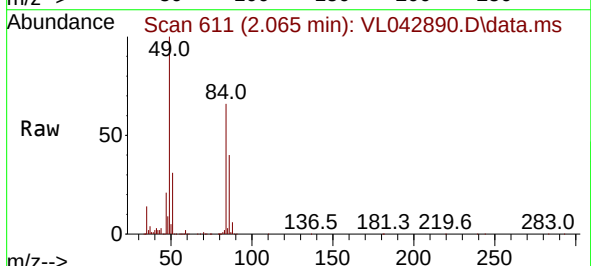
Tgt Ion: 45 Resp: 87358
Ion Ratio Lower Upper
45 100
58 45.8 32.7 49.1

Manual Integrations
APPROVED

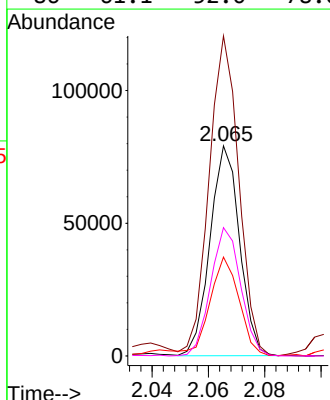
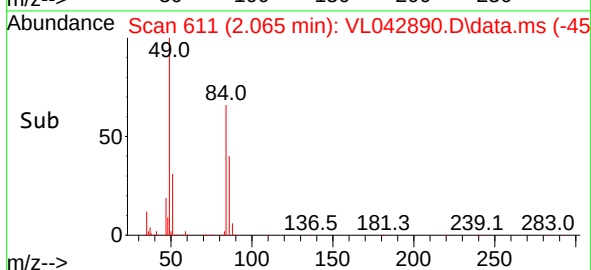
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

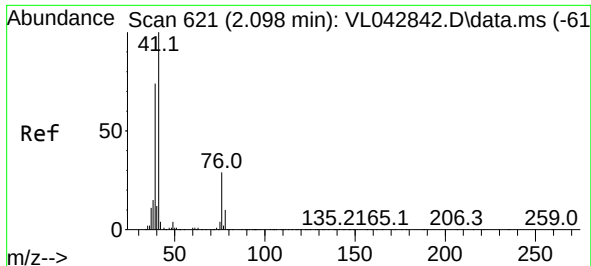


#20
Methylene Chloride
Concen: 8.219 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



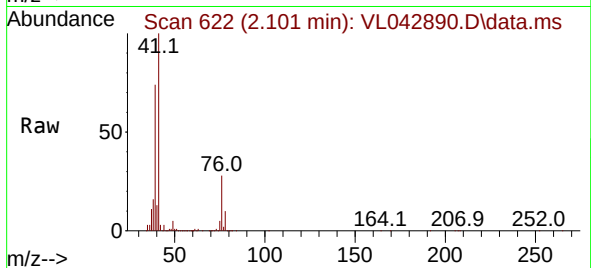
Tgt Ion: 84 Resp: 57578
Ion Ratio Lower Upper
84 100
49 152.5 112.3 168.5
51 46.9 36.0 54.0
86 61.1 52.0 78.0





#21
 Allyl Chloride
 Concen: 9.569 ppbv
 RT: 2.101 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

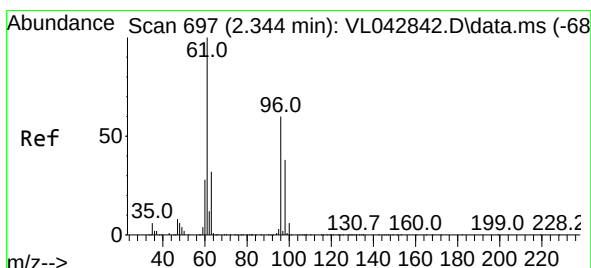
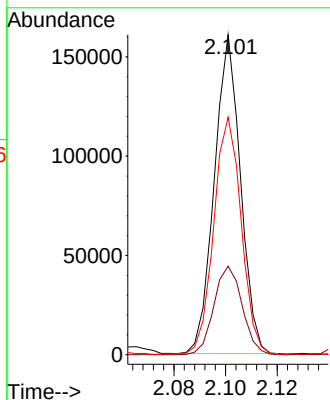
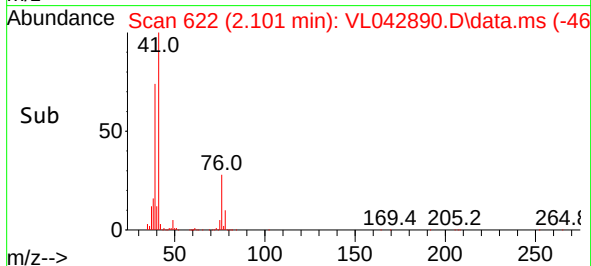
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01



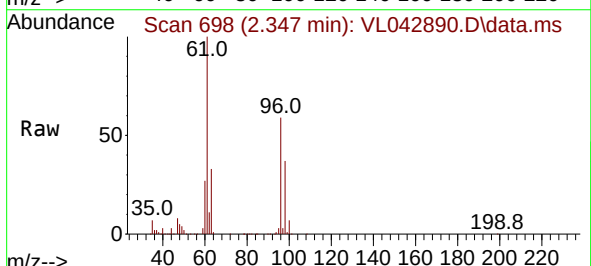
Tgt Ion: 41 Resp: 113052
 Ion Ratio Lower Upper
 41 100
 76 29.9 23.9 35.9
 39 77.7 57.8 86.6

Manual Integrations
 APPROVED

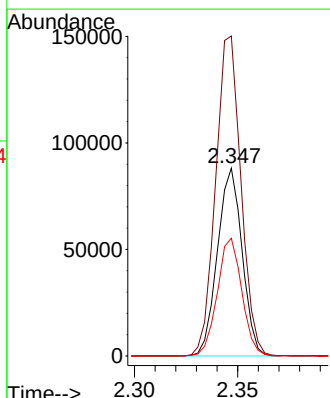
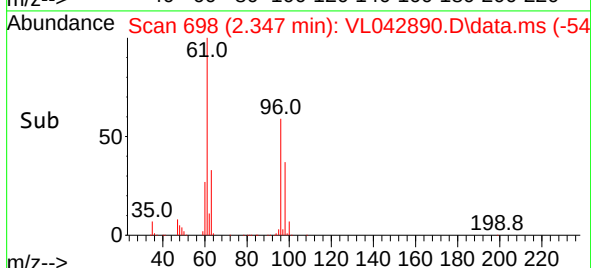
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

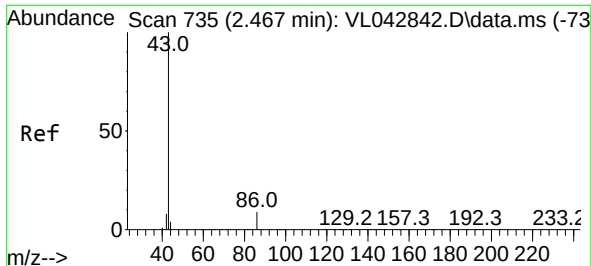


#22
 trans-1,2-Dichloroethene
 Concen: 9.868 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45



Tgt Ion: 96 Resp: 73133
 Ion Ratio Lower Upper
 96 100
 61 170.4 132.6 199.0
 98 62.8 50.0 75.0





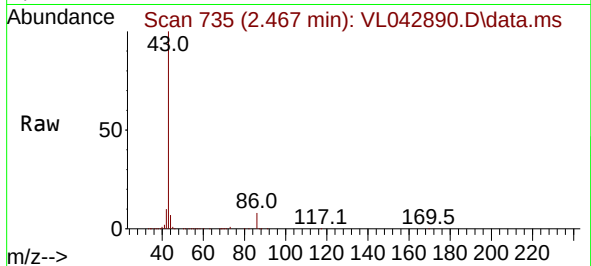
#23
 Vinyl Acetate
 Concen: 10.215 ppbv
 RT: 2.467 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

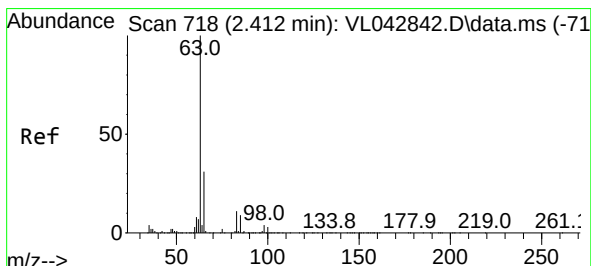
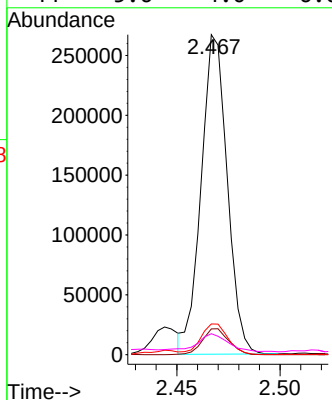
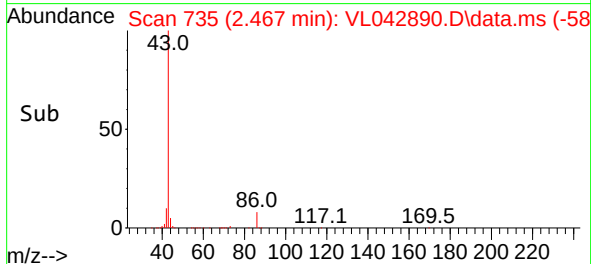


Tgt Ion: 43 Resp: 234878
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.6 9.8
 42 9.6 7.0 10.6
 44 5.6 4.0 6.0

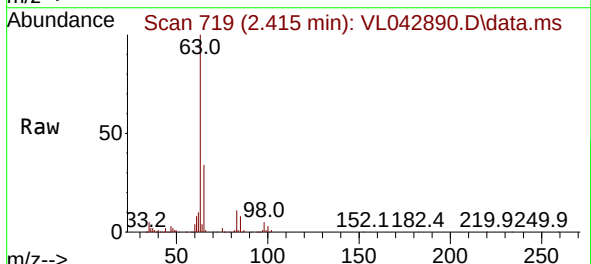
Manual Integrations

APPROVED

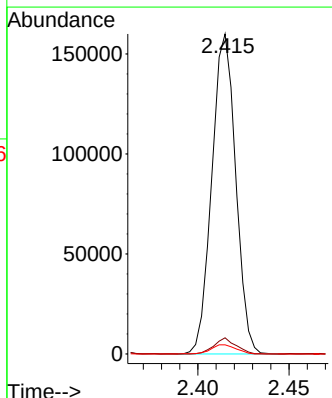
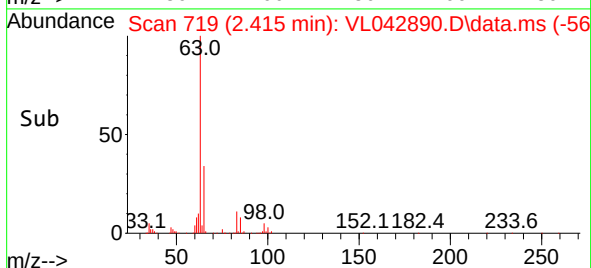
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

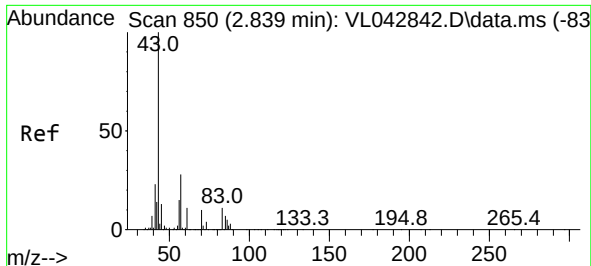


#24
 1,1-Dichloroethane
 Concen: 9.854 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45



Tgt Ion: 63 Resp: 145841
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.1 6.5
 100 2.9 1.7 5.1





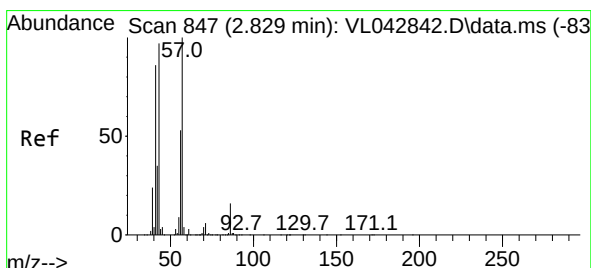
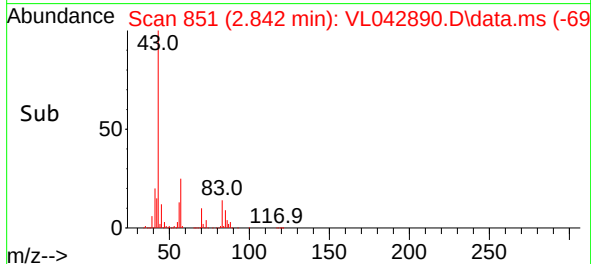
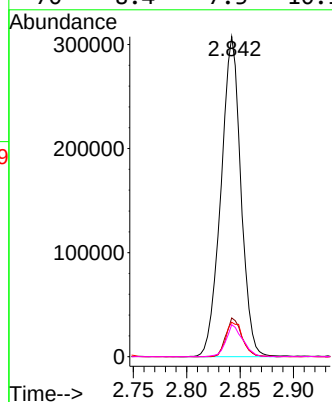
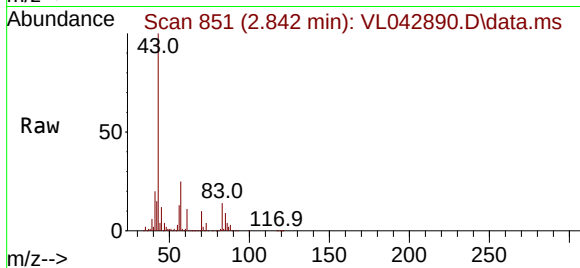
#25
Ethyl Acetate
Concen: 9.858 ppbv
RT: 2.842 min Scan# 847
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 43	Resp: 39899
Ion Ratio	Lower Upper
43 100	
45 9.8	8.1 12.1
61 9.3	7.4 11.2
70 8.4	7.3 10.9

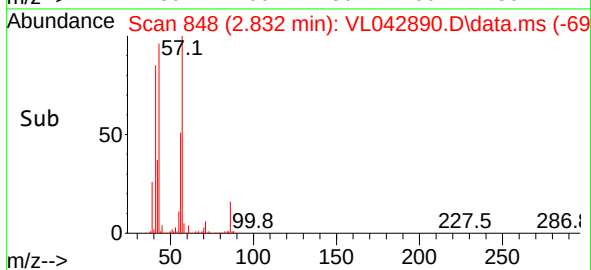
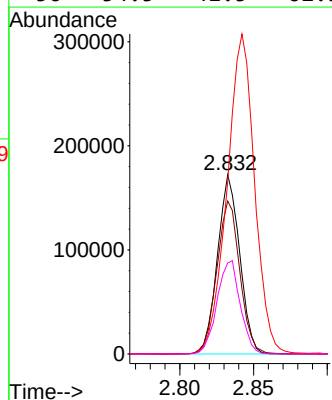
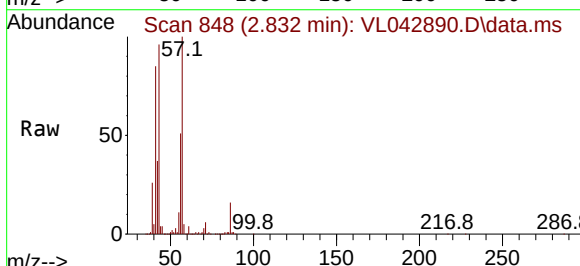
Manual Integrations
APPROVED

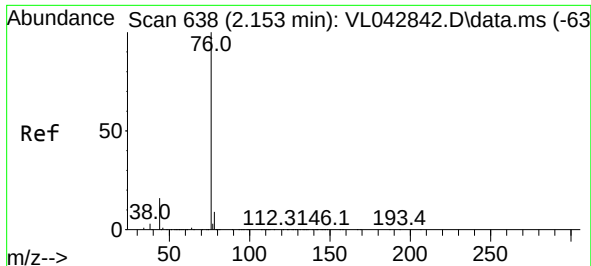
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#26
Hexane
Concen: 9.628 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

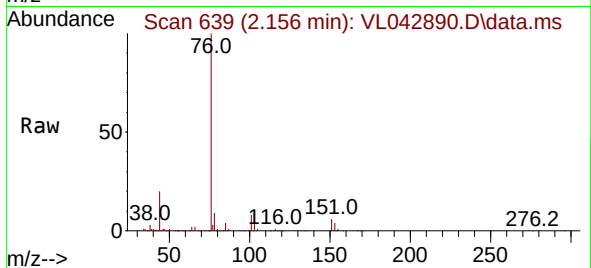
Tgt	Ion: 57	Resp: 179880	
Ion	Ratio	Lower	Upper
57	100		
41	89.2	68.6	103.0
43	222.3	168.5	252.7
56	54.5	41.5	62.3





#27
Carbon Disulfide
Concen: 10.234 ppbv
RT: 2.156 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

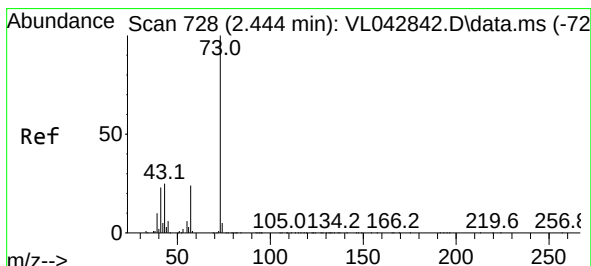
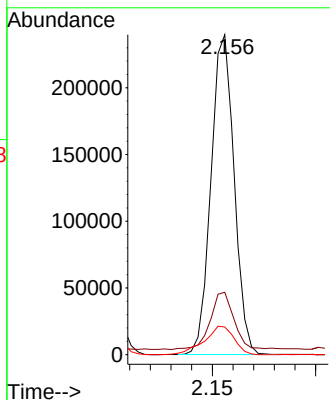
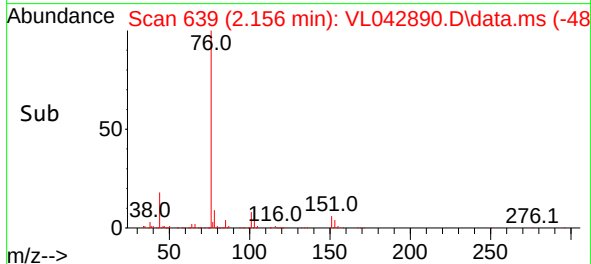
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



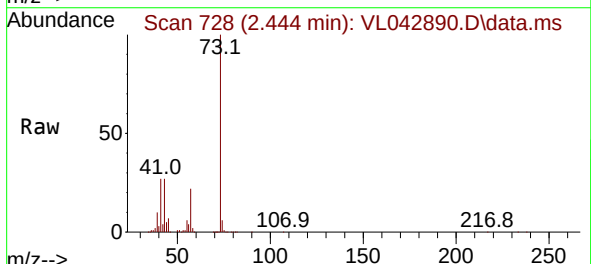
Tgt Ion: 76 Resp: 186064
Ion Ratio Lower Upper
76 100
44 20.0 15.9 23.9
78 11.5 9.5 14.3

Manual Integrations
APPROVED

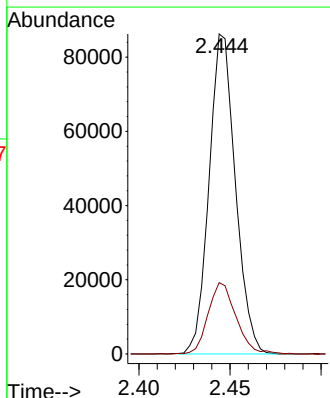
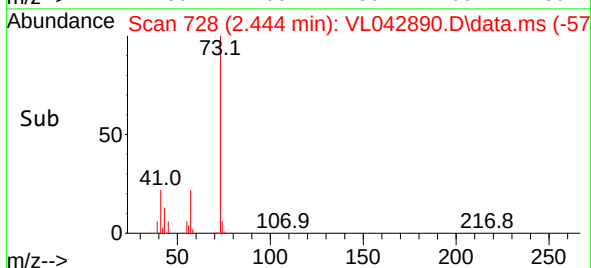
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

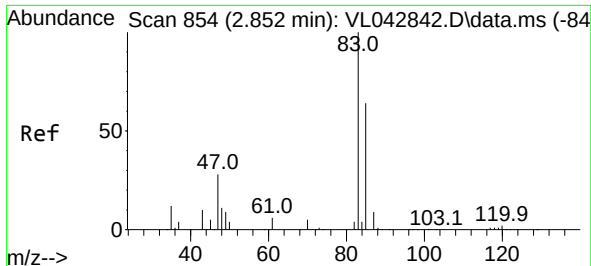


#28
Methyl tert-Butyl Ether
Concen: 9.089 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion: 73 Resp: 86578
Ion Ratio Lower Upper
73 100
57 23.7 21.6 32.4





#29

Chloroform

Concen: 10.427 ppbv

RT: 2.855 min Scan# 8

Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

Tgt Ion: 83 Resp: 278130

Ion Ratio Lower Upper

83 100

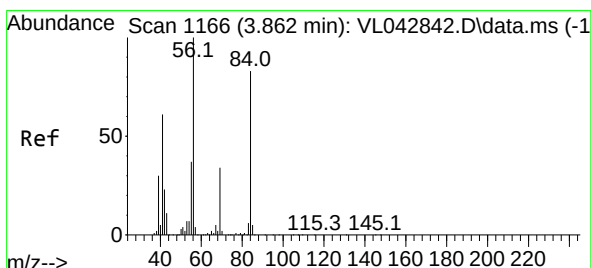
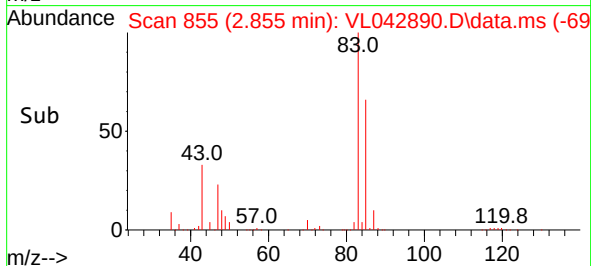
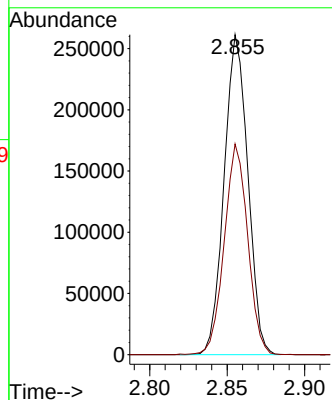
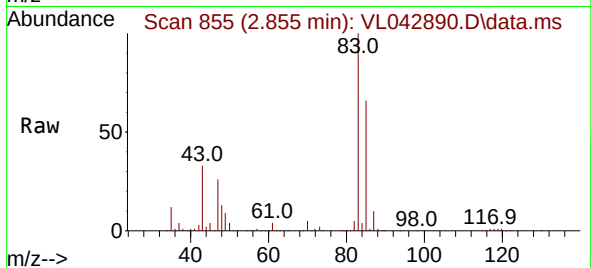
85 65.8 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025

Supervised By :Mahesh Dadoda 09/05/2025



#30

Cyclohexane

Concen: 9.419 ppbv

RT: 3.868 min Scan# 1168

Delta R.T. 0.007 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

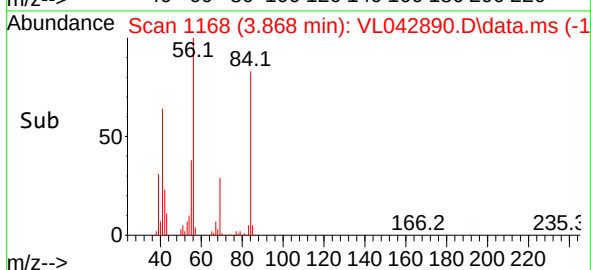
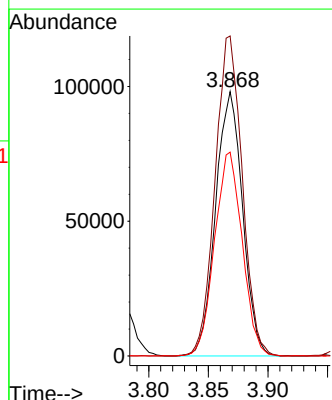
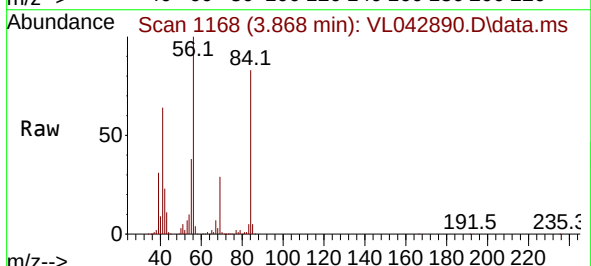
Tgt Ion: 84 Resp: 154277

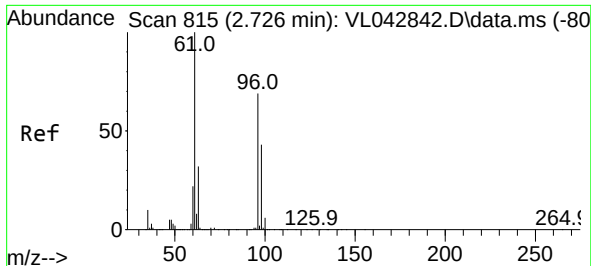
Ion Ratio Lower Upper

84 100

56 121.8 98.8 148.2

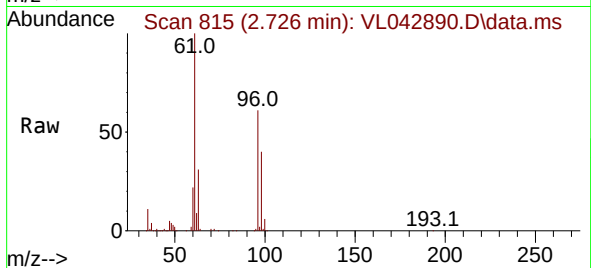
41 79.1 61.3 91.9





#31
 cis-1,2-Dichloroethene
 Concen: 9.718 ppbv
 RT: 2.726 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

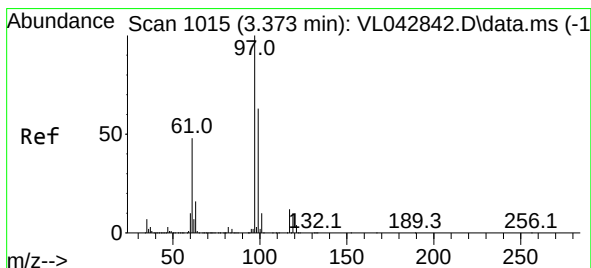
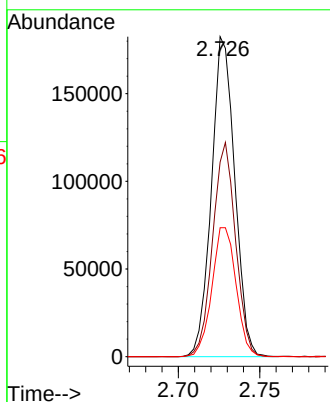
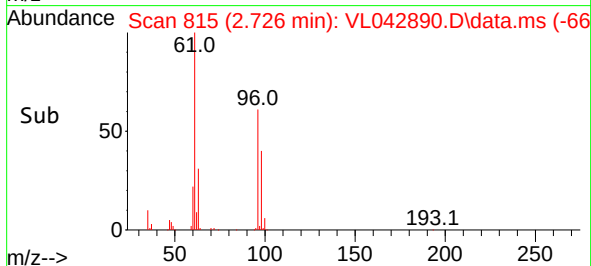
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01



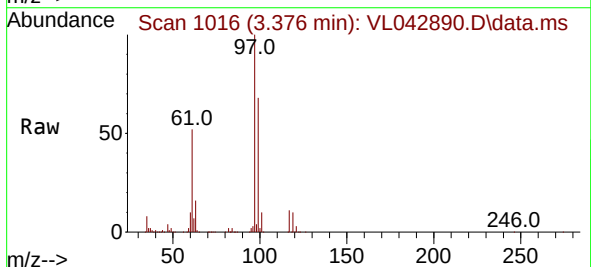
Tgt Ion: 61 Resp: 181358
 Ion Ratio Lower Upper
 61 100
 96 60.8 55.0 82.6
 98 40.3 34.3 51.5

Manual Integrations
 APPROVED

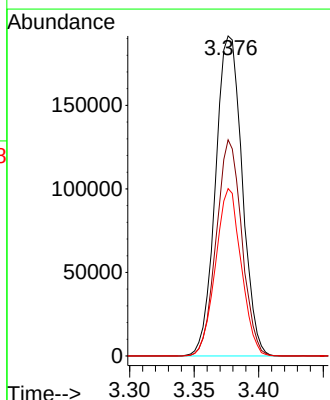
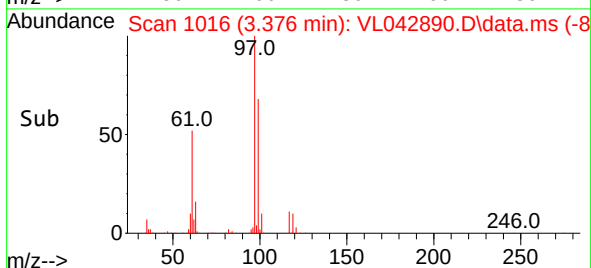
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

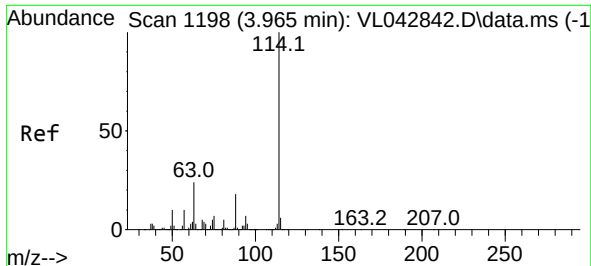


#32
 1,1,1-Trichloroethane
 Concen: 9.749 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45



Tgt Ion: 97 Resp: 274827
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.0 76.6
 61 50.5 38.0 57.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.969 min Scan# 1199

Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

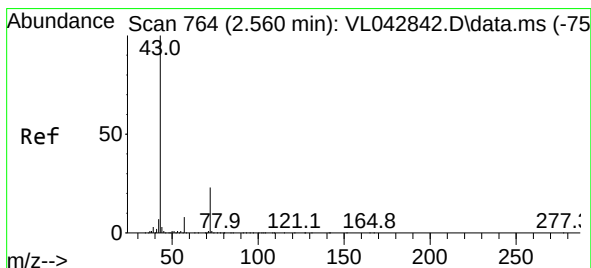
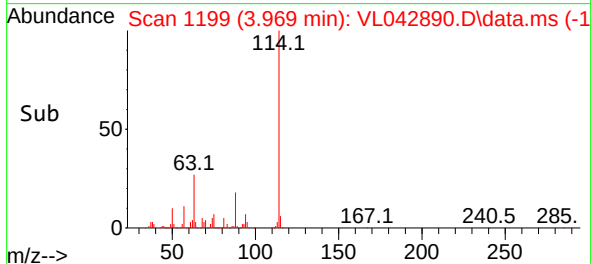
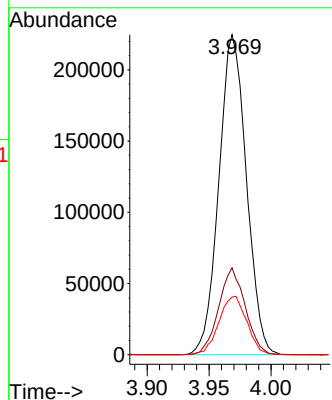
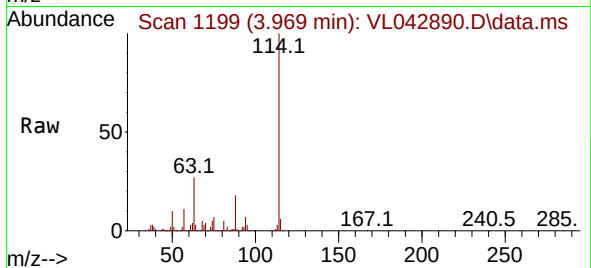
Tgt Ion:114 Resp: 347754

Ion	Ratio	Lower	Upper
114	100		
63	26.2	19.7	29.5
88	18.5	14.4	21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#34

2-Butanone

Concen: 11.173 ppbv

RT: 2.564 min Scan# 765

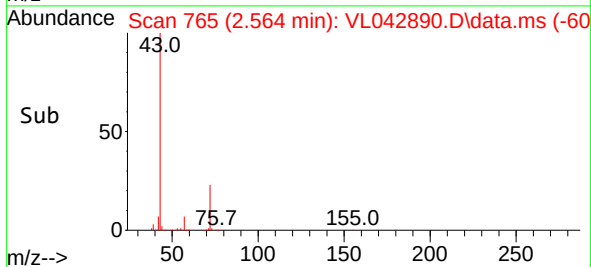
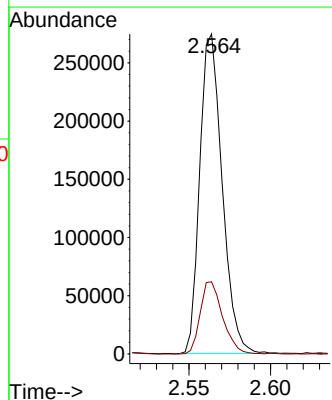
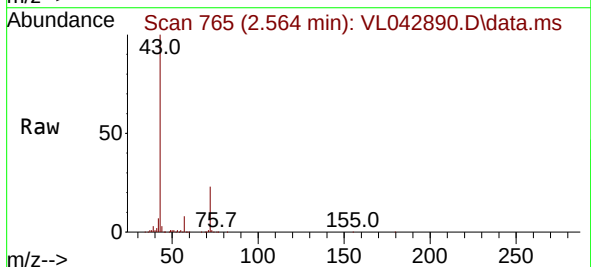
Delta R.T. 0.003 min

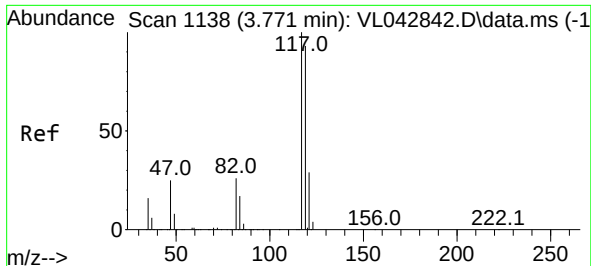
Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Tgt Ion: 43 Resp: 262356

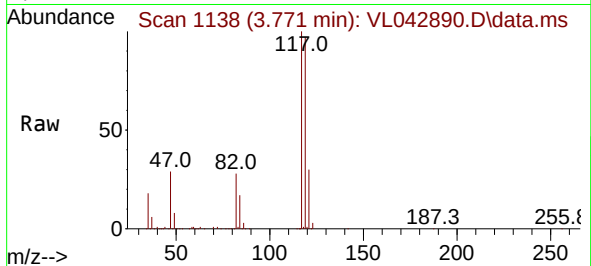
Ion	Ratio	Lower	Upper
43	100		
72	22.7	18.6	28.0





#35
Carbon Tetrachloride
Concen: 11.445 ppbv
RT: 3.771 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

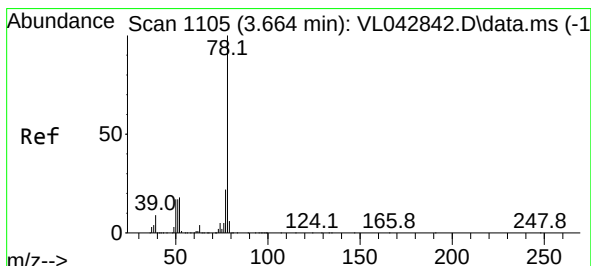
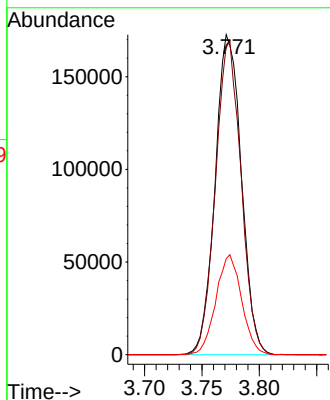
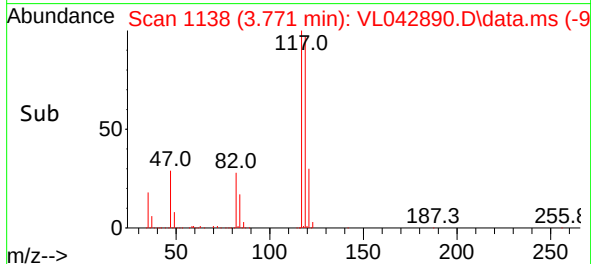
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



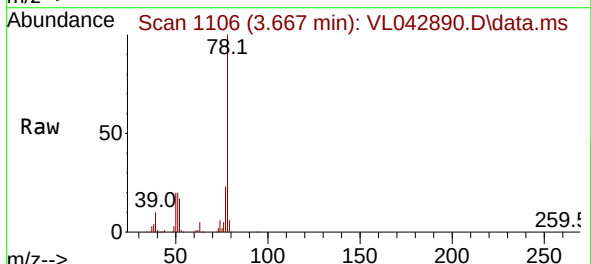
Tgt Ion: 117 Resp: 274384
Ion Ratio Lower Upper
117 100
119 96.6 74.7 112.1
121 30.0 23.2 34.8

Manual Integrations
APPROVED

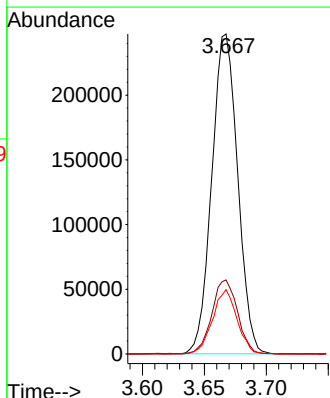
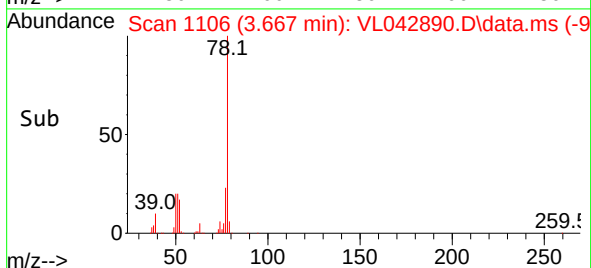
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

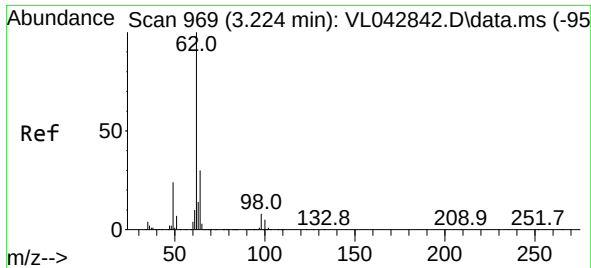


#36
Benzene
Concen: 10.816 ppbv
RT: 3.667 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



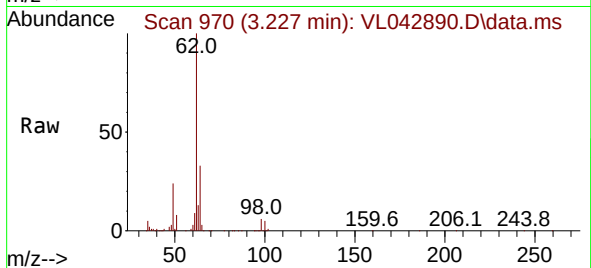
Tgt Ion: 78 Resp: 360165
Ion Ratio Lower Upper
78 100
77 23.1 17.7 26.5
50 20.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 12.338 ppbv
RT: 3.227 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

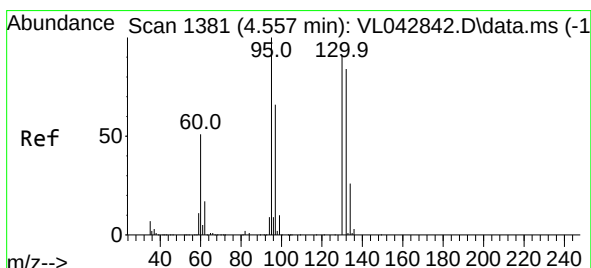
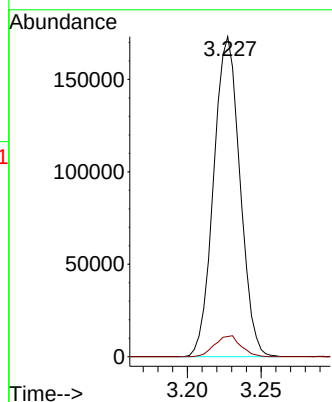
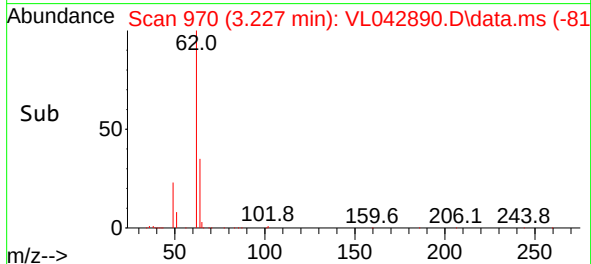
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



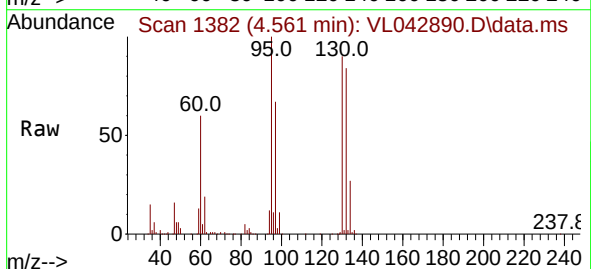
Tgt Ion: 62 Resp: 214659
Ion Ratio Lower Upper
62 100
98 6.5 5.9 8.9

Manual Integrations
APPROVED

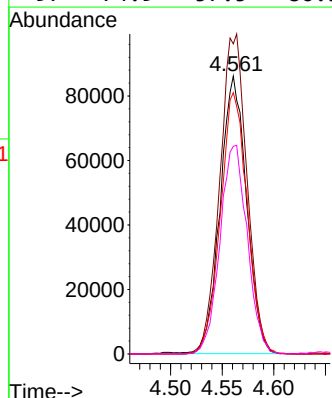
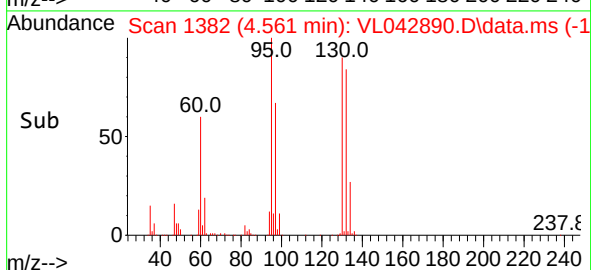
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

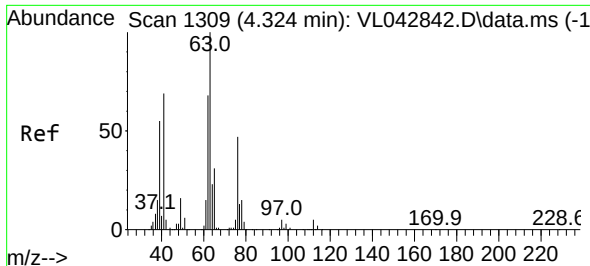


#38
Trichloroethene
Concen: 10.060 ppbv
RT: 4.561 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion:130 Resp: 152993
Ion Ratio Lower Upper
130 100
95 111.8 87.6 131.4
132 94.1 73.8 110.8
97 74.9 57.5 86.3





#39

1,2-Dichloropropane

Concen: 11.144 ppbv

RT: 4.325 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VL042890.D

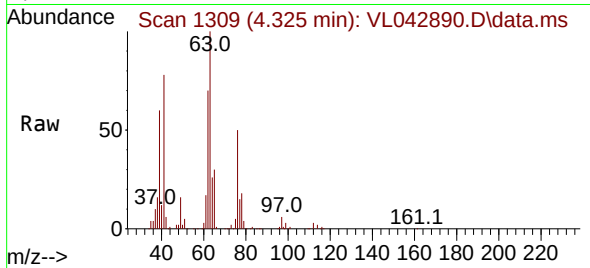
Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

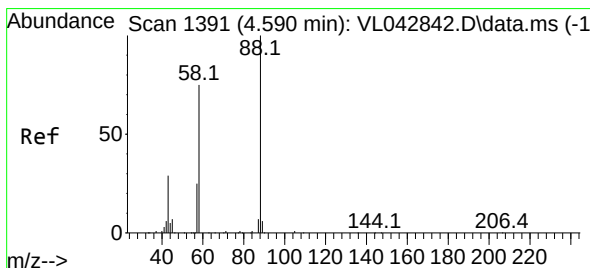
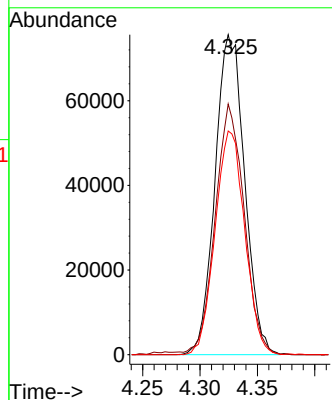
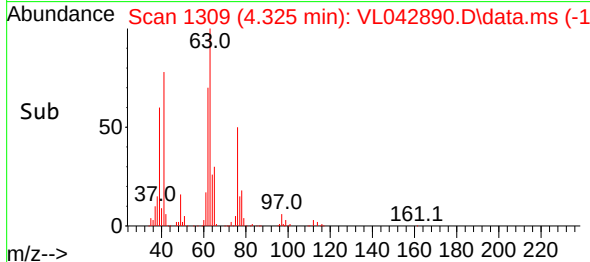


Tgt Ion:	63	Resp:	135529
Ion	Ratio	Lower	Upper
63	100		
41	78.1	55.0	82.4
62	69.8	54.4	81.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#40

1,4-Dioxane

Concen: 9.795 ppbv

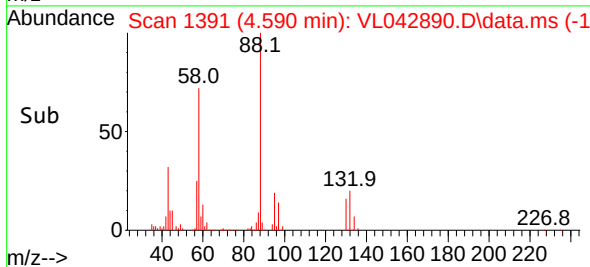
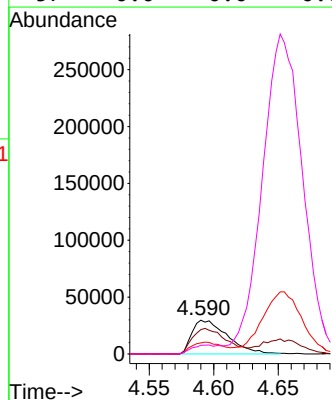
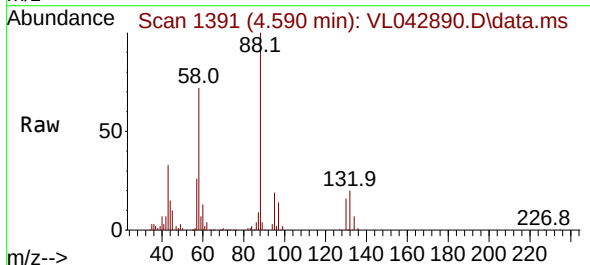
RT: 4.590 min Scan# 1391

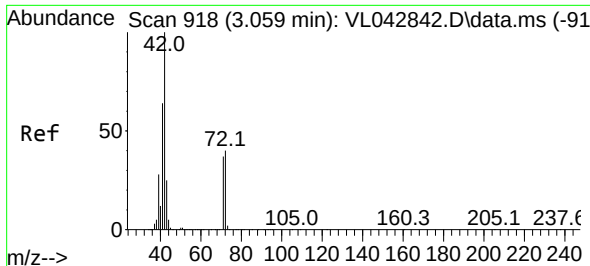
Delta R.T. 0.000 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

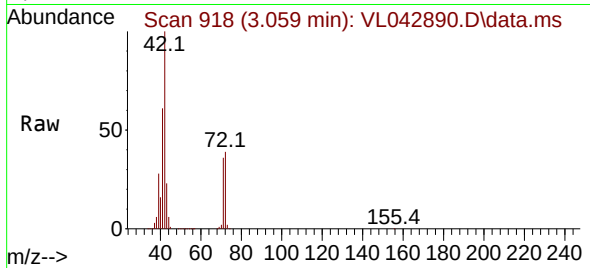
Tgt Ion:	88	Resp:	56645
Ion	Ratio	Lower	Upper
88	100		
58	74.9	53.8	80.6
43	29.3	22.8	34.2
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.866 ppbv
RT: 3.059 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

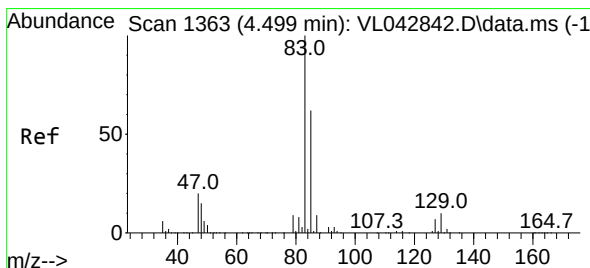
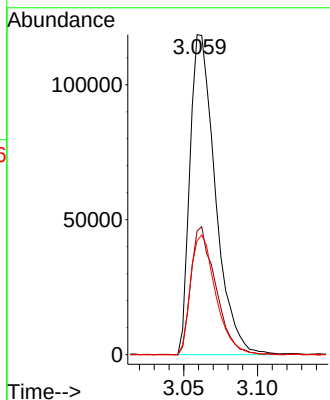
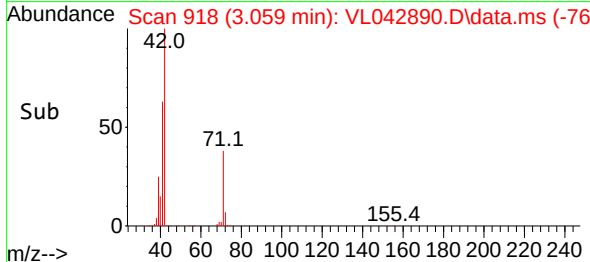
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



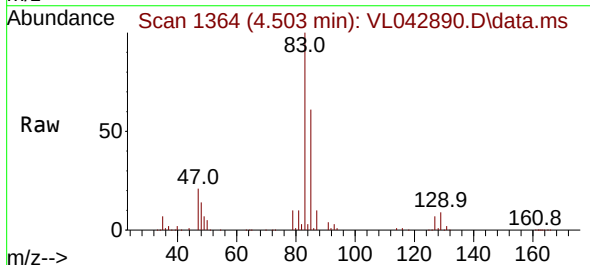
Tgt Ion: 42 Resp: 14225
Ion Ratio Lower Upper
42 100
72 39.1 32.6 48.8
71 37.3 30.0 45.0

Manual Integrations
APPROVED

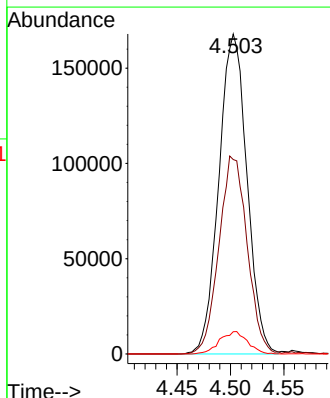
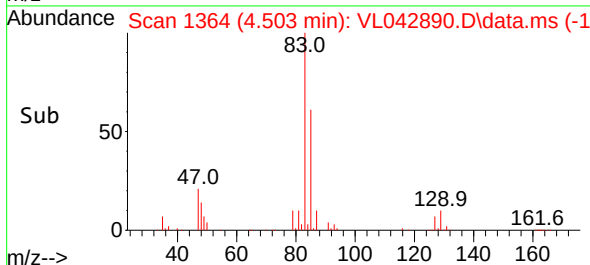
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

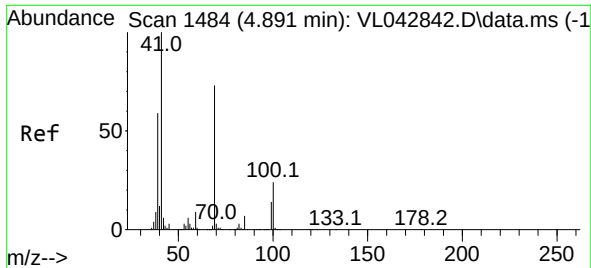


#42
Bromodichloromethane
Concen: 11.874 ppbv
RT: 4.503 min Scan# 1364
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



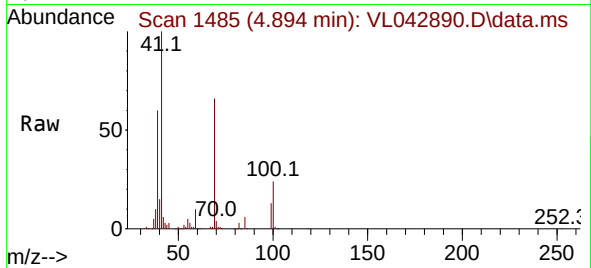
Tgt Ion: 83 Resp: 307835
Ion Ratio Lower Upper
83 100
85 60.8 49.8 74.8
127 6.9 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.093 ppbv
RT: 4.894 min Scan# 1410
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

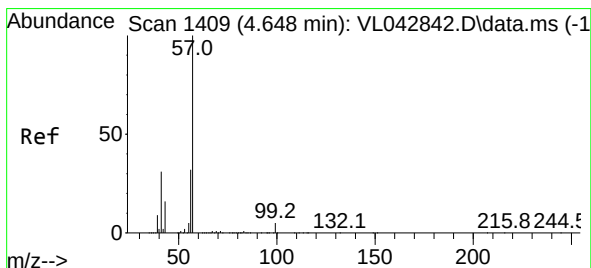
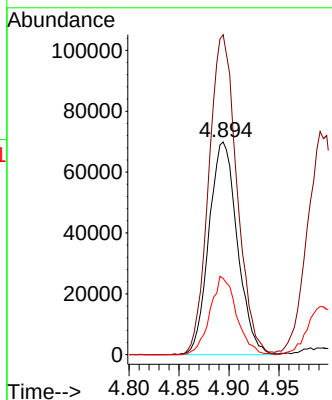
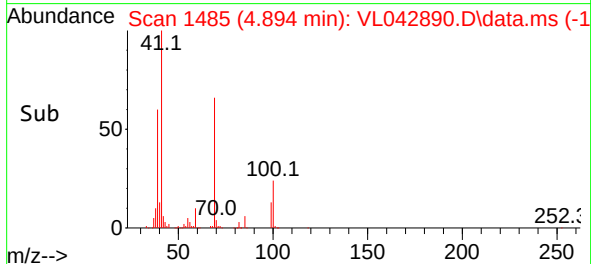
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



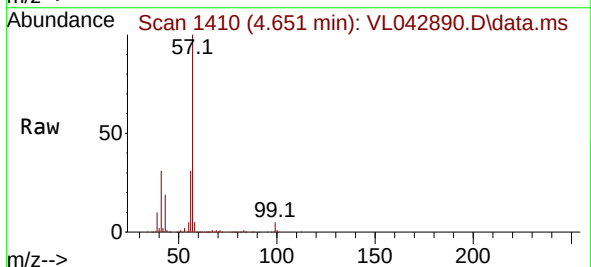
Tgt Ion: 69 Resp: 13846
Ion Ratio Lower Upper
69 100
41 148.5 114.6 172.0
100 34.3 30.2 45.4

Manual Integrations
APPROVED

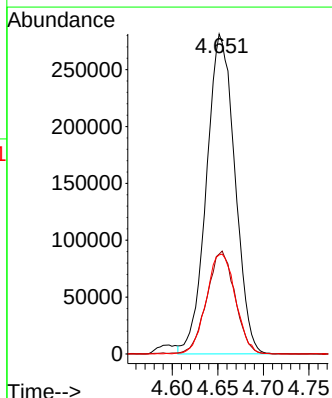
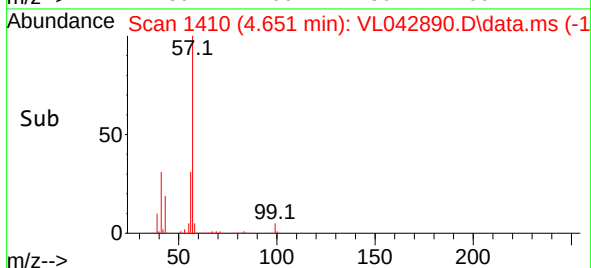
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

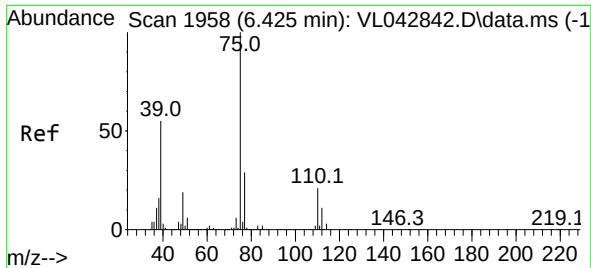


#44
2,2,4-Trimethylpentane
Concen: 10.788 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



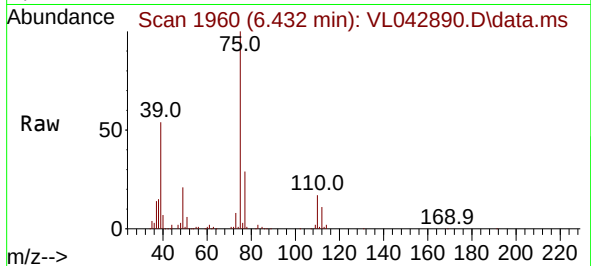
Tgt Ion: 57 Resp: 609738
Ion Ratio Lower Upper
57 100
41 32.2 24.8 37.2
56 32.2 25.5 38.3





#45
t-1,3-Dichloropropene
Concen: 10.365 ppbv
RT: 6.432 min Scan# 1958
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

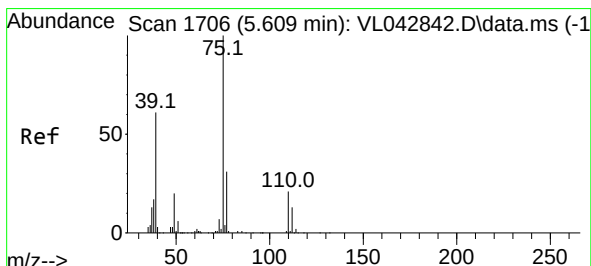
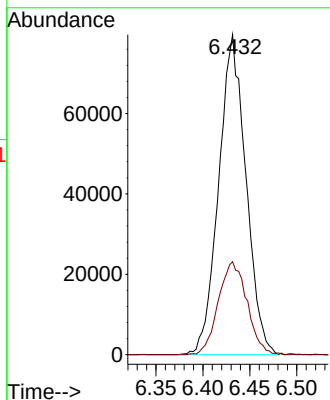
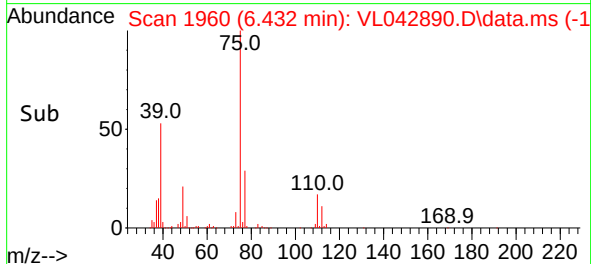
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



Tgt Ion: 75 Resp: 160460
Ion Ratio Lower Upper
75 100
77 29.1 23.8 35.6

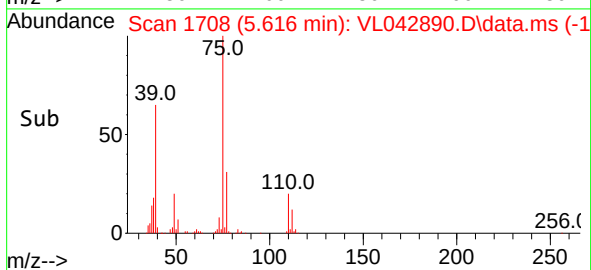
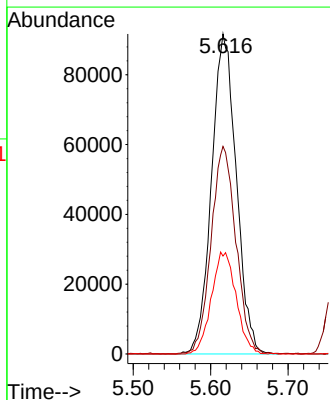
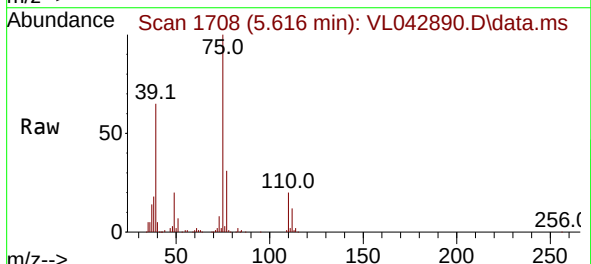
Manual Integrations
APPROVED

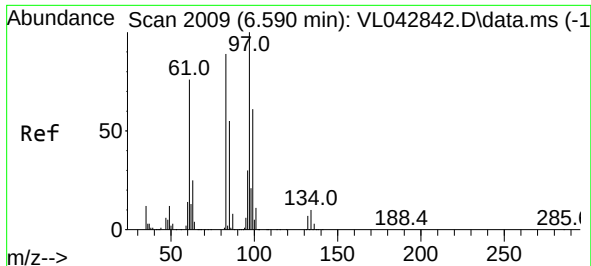
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#46
cis-1,3-Dichloropropene
Concen: 10.563 ppbv
RT: 5.616 min Scan# 1708
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Tgt Ion: 75 Resp: 203769
Ion Ratio Lower Upper
75 100
39 64.7 48.9 73.3
77 30.6 24.9 37.3





#47

1,1,2-Trichloroethane

Concen: 11.070 ppbv

RT: 6.593 min Scan# 2009

Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01

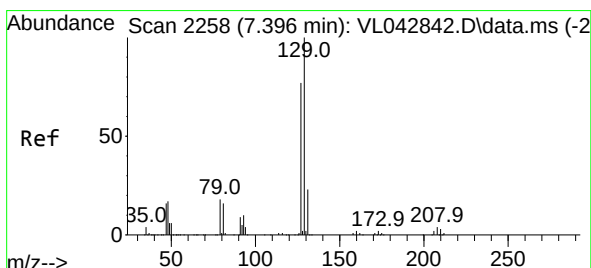
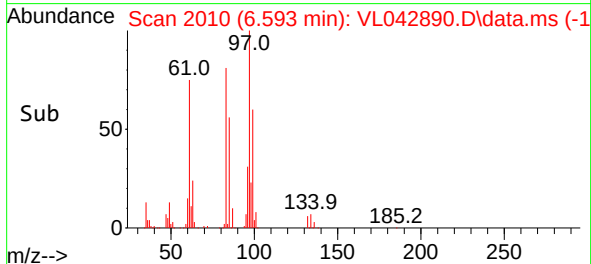
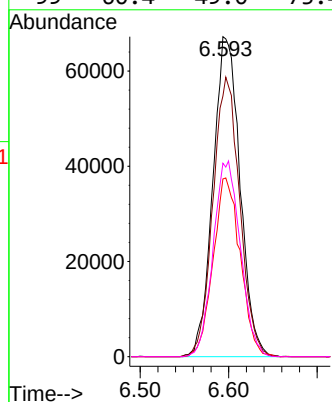
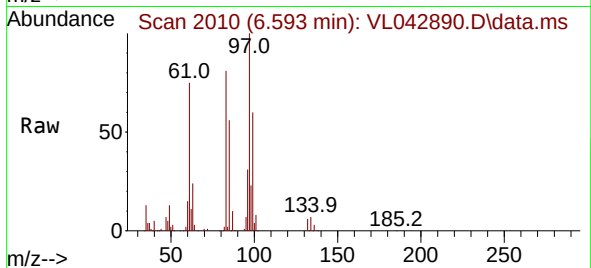
Tgt Ion: 97 Resp: 142640

Ion	Ratio	Lower	Upper
97	100		
83	81.4	71.0	106.4
85	55.6	43.6	65.4
99	60.4	49.0	73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#48

Dibromochloromethane

Concen: 11.160 ppbv

RT: 7.399 min Scan# 2259

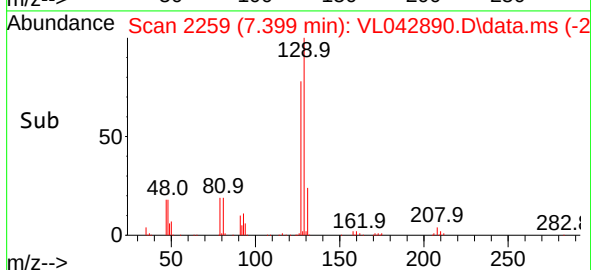
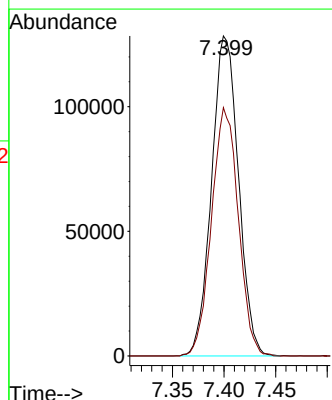
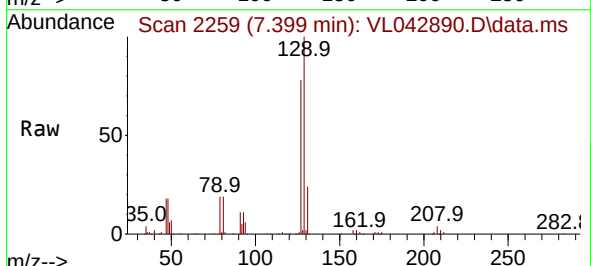
Delta R.T. 0.003 min

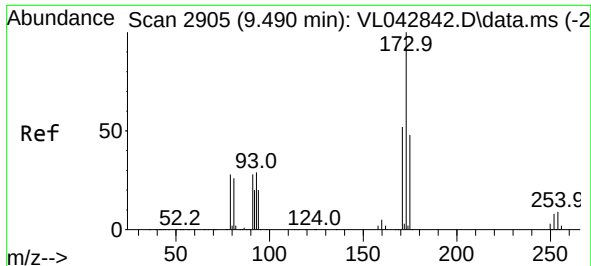
Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Tgt Ion:129 Resp: 232710

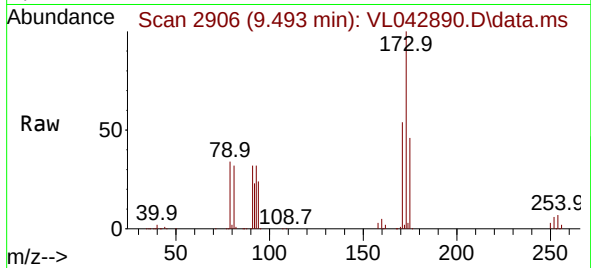
Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.4	118.2





#49
Bromoform
Concen: 10.764 ppbv
RT: 9.493 min Scan# 2905
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

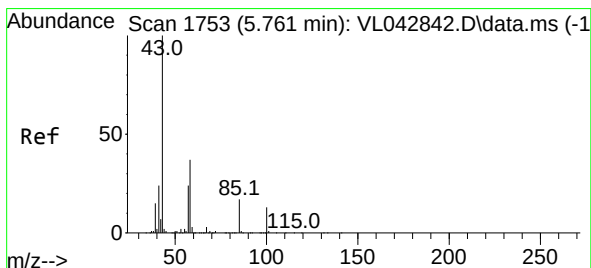
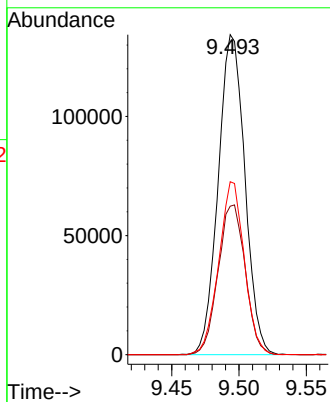
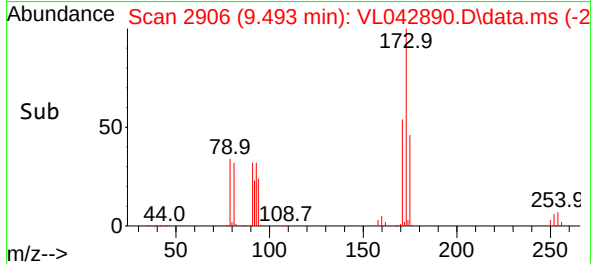
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



Tgt Ion: 173 Resp: 185108
Ion Ratio Lower Upper
173 100
175 47.6 39.2 58.8
171 51.8 41.3 61.9

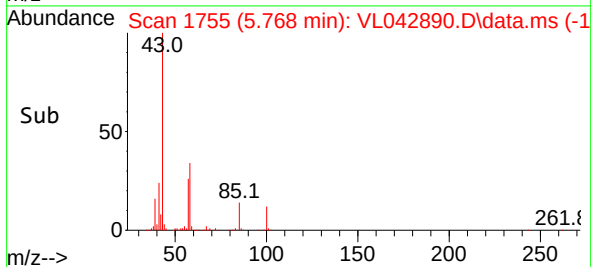
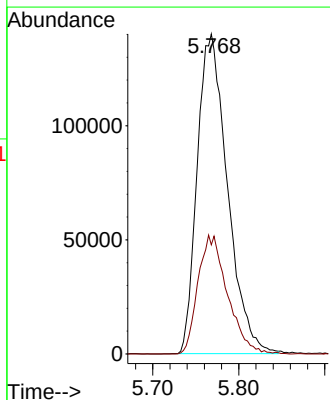
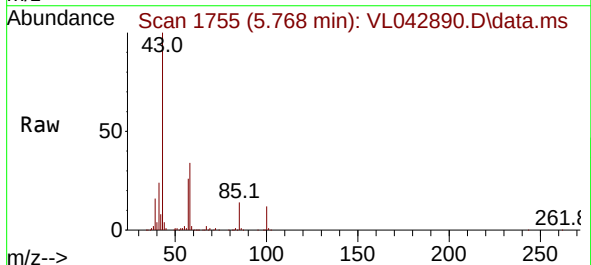
Manual Integrations
APPROVED

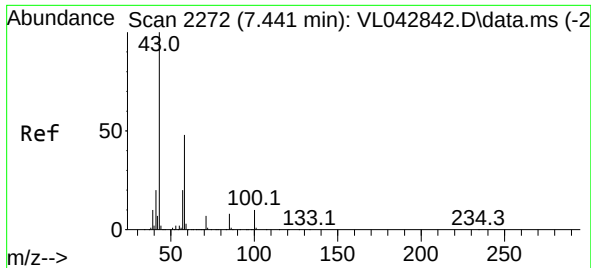
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#50
4-Methyl-2-Pentanone
Concen: 10.769 ppbv
RT: 5.768 min Scan# 1755
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

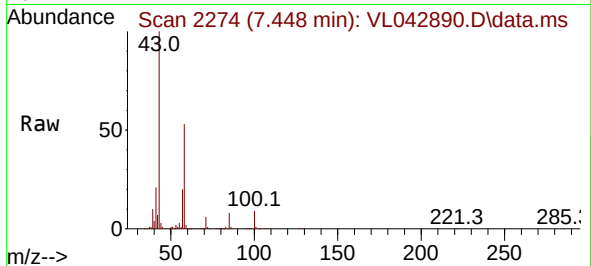
Tgt Ion: 43 Resp: 341811
Ion Ratio Lower Upper
43 100
58 36.3 29.8 44.8





#51
2-Hexanone
Concen: 10.873 ppbv
RT: 7.448 min Scan# 2115
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

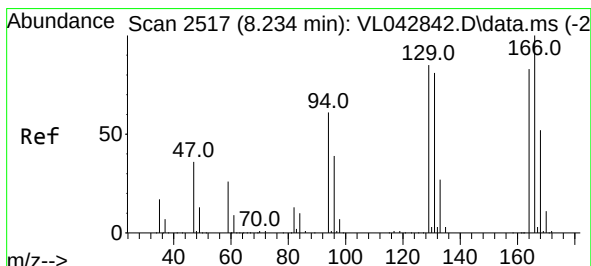
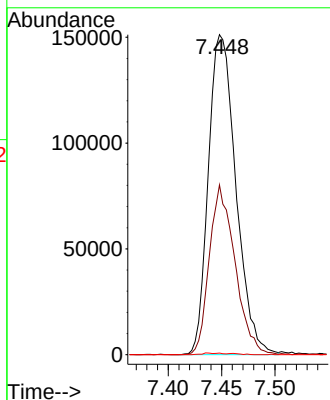
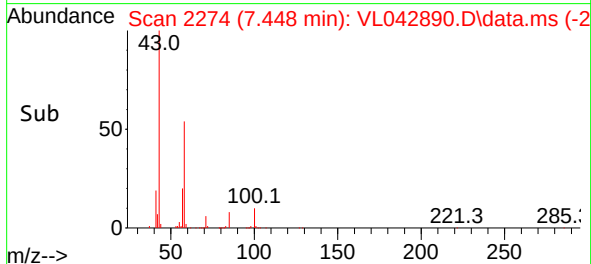
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



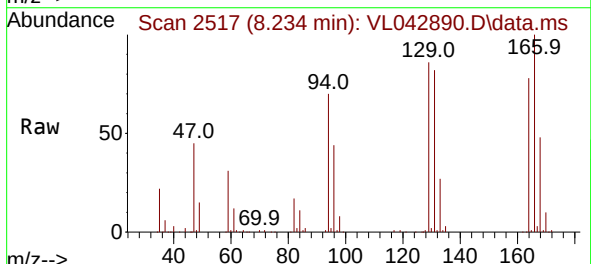
Tgt Ion: 43 Resp: 27156
Ion Ratio Lower Upper
43 100
58 49.4 41.0 61.6
98 0.5 0.1 0.1

Manual Integrations
APPROVED

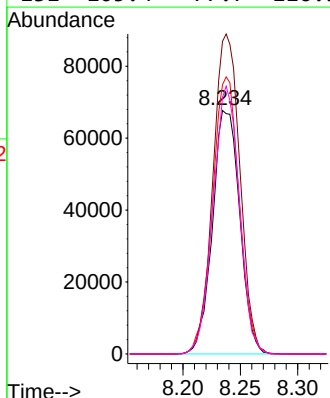
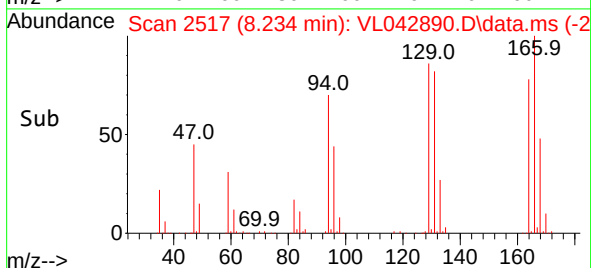
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

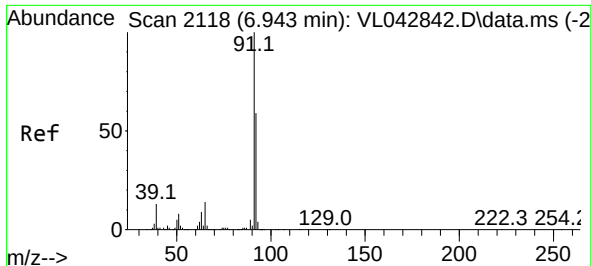


#52
Tetrachloroethene
Concen: 9.274 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion:164 Resp: 111720
Ion Ratio Lower Upper
164 100
166 128.4 96.5 144.7
129 110.6 81.8 122.6
131 105.4 77.7 116.5





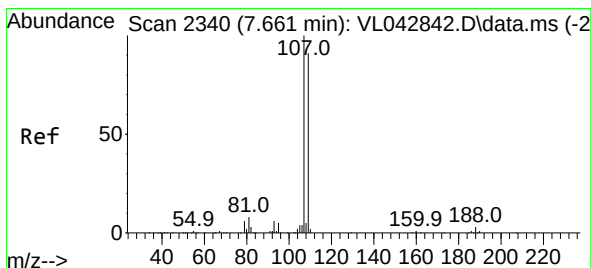
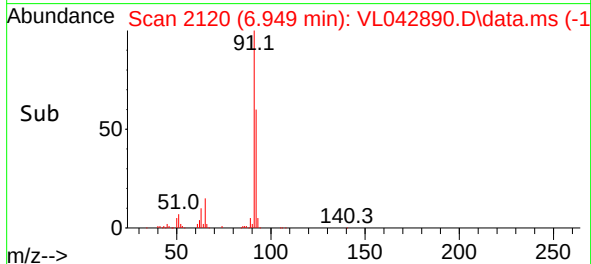
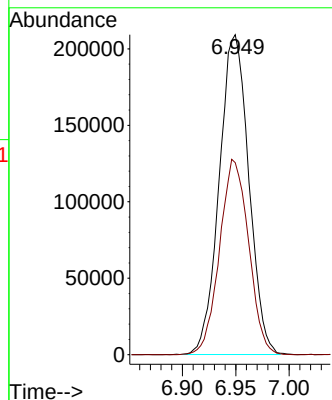
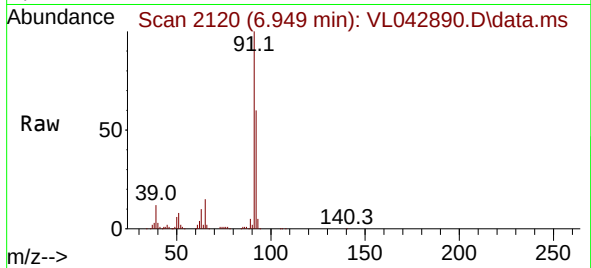
#53
Toluene
Concen: 10.168 ppbv
RT: 6.949 min Scan# 2118
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 91 Resp: 40256
Ion Ratio Lower Upper
91 100
92 60.1 47.8 71.6

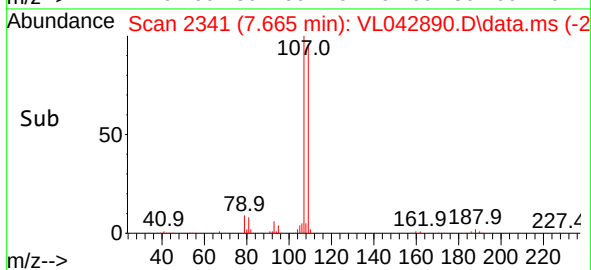
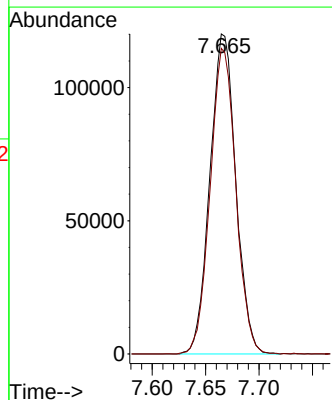
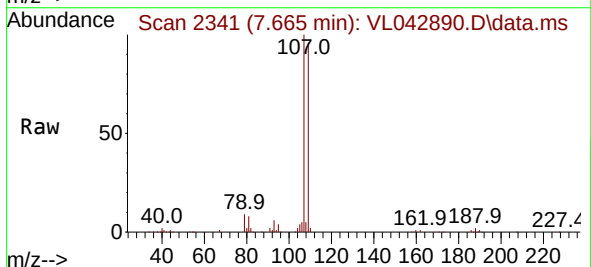
Manual Integrations
APPROVED

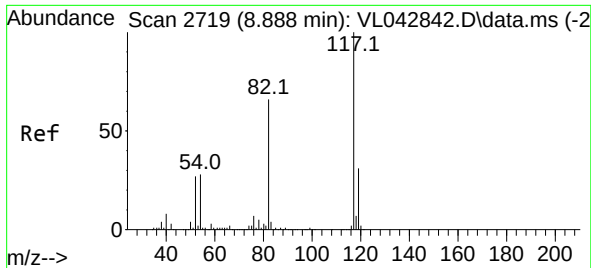
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#54
1,2-Dibromoethane
Concen: 10.743 ppbv
RT: 7.665 min Scan# 2341
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Tgt Ion:107 Resp: 202313
Ion Ratio Lower Upper
107 100
109 95.5 72.5 108.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.895 min Scan# 2719

Delta R.T. 0.007 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

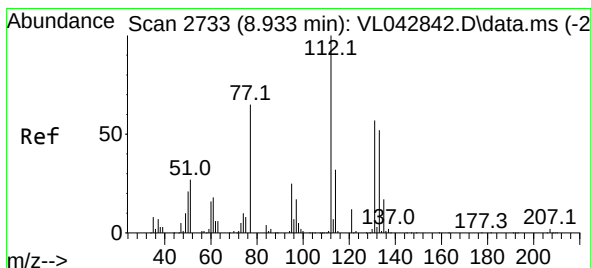
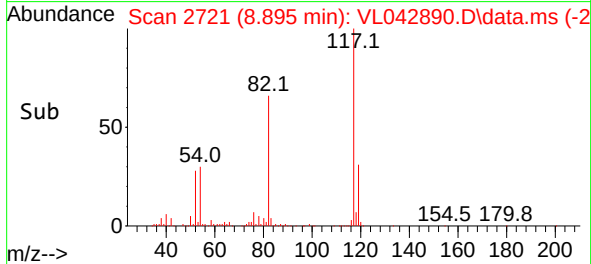
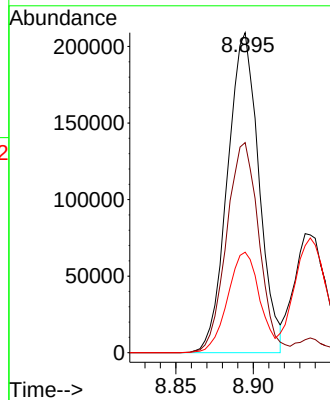
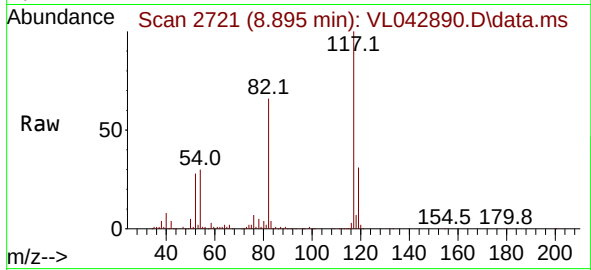
VL0904ABS01

Tgt Ion:	117	Resp:	29519
Ion Ratio	Lower	Upper	
117	100		
82	71.6	54.6	81.8
119	31.4	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 11.103 ppbv

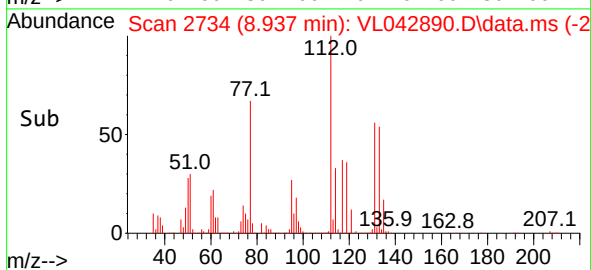
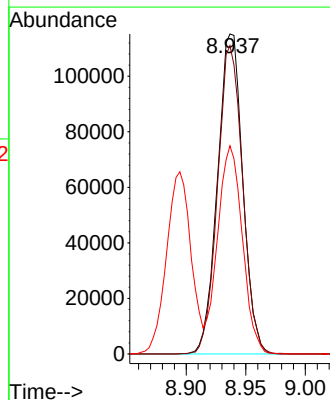
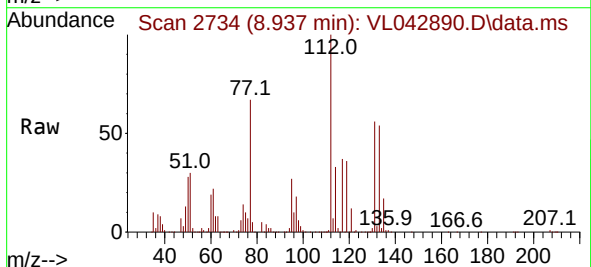
RT: 8.937 min Scan# 2734

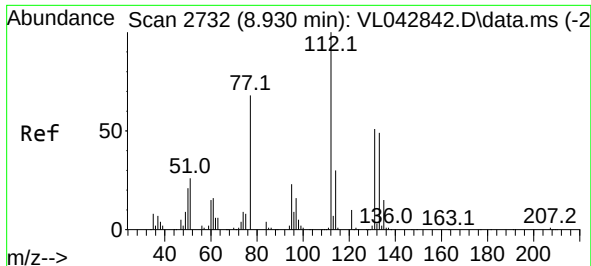
Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

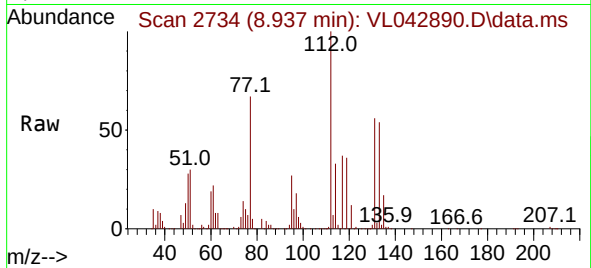
Tgt Ion:	131	Resp:	169496
Ion Ratio	Lower	Upper	
131	100		
133	95.4	77.4	116.0
119	63.9	51.2	76.8





#57
Chlorobenzene
Concen: 10.818 ppbv
RT: 8.937 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

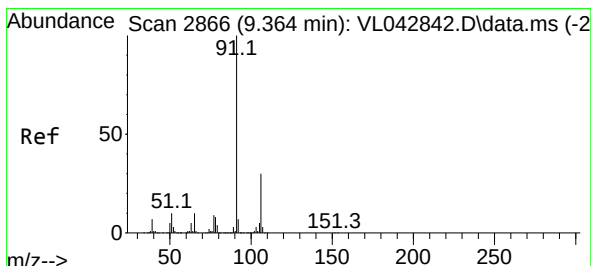
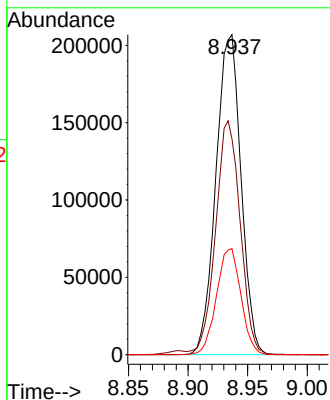
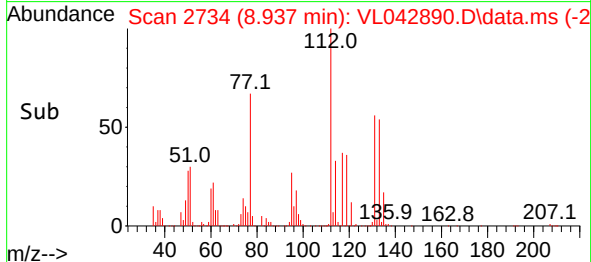
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



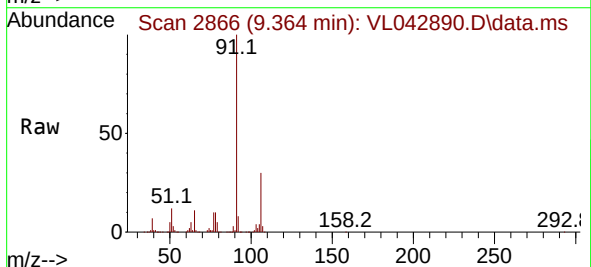
Tgt Ion: 112 Resp: 303624
Ion Ratio Lower Upper
112 100
77 67.4 55.5 83.3
114 33.2 27.2 33.2

Manual Integrations
APPROVED

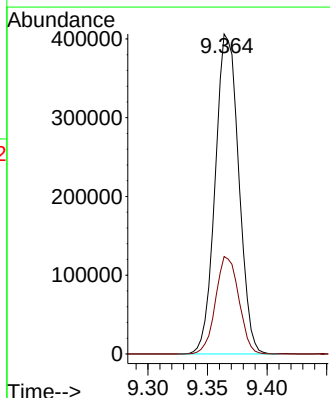
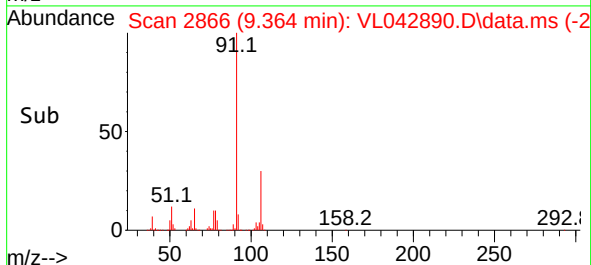
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

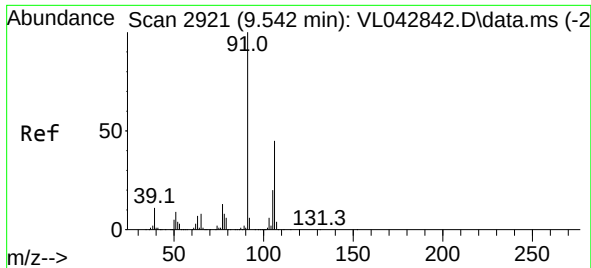


#58
Ethyl Benzene
Concen: 10.685 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion: 91 Resp: 556627
Ion Ratio Lower Upper
91 100
106 30.4 23.9 35.9





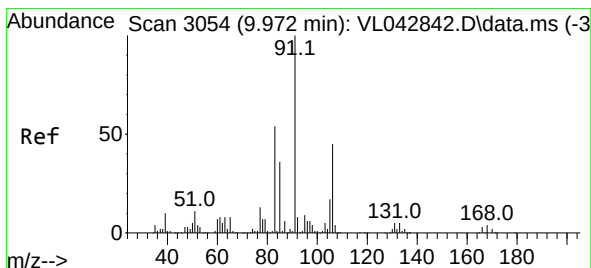
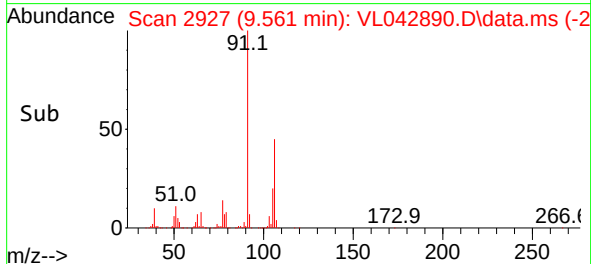
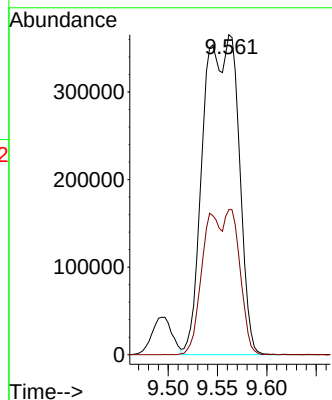
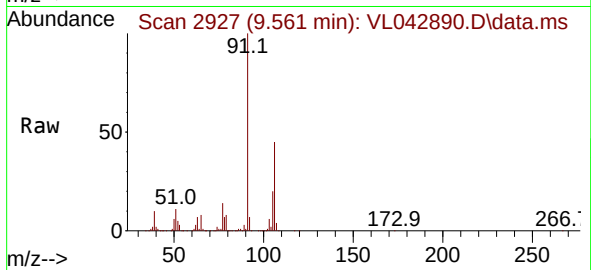
#59
m/p-Xylene
Concen: 22.290 ppbv m
RT: 9.561 min Scan# 2921
Delta R.T. 0.020 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 91 Resp: 910133
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

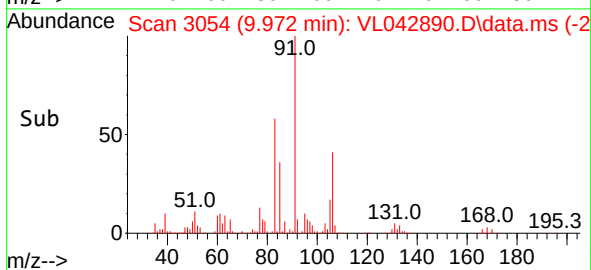
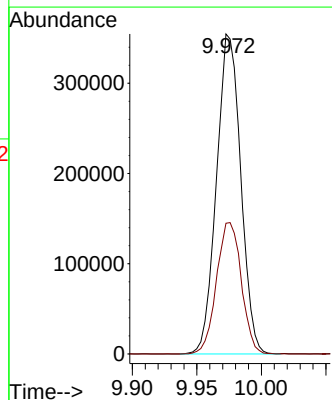
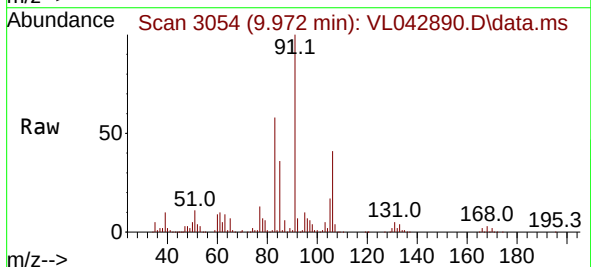
Manual Integrations
APPROVED

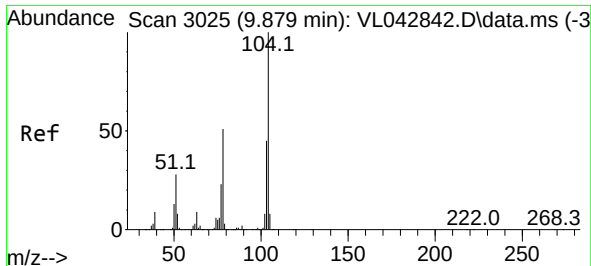
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#60
o-Xylene
Concen: 11.264 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

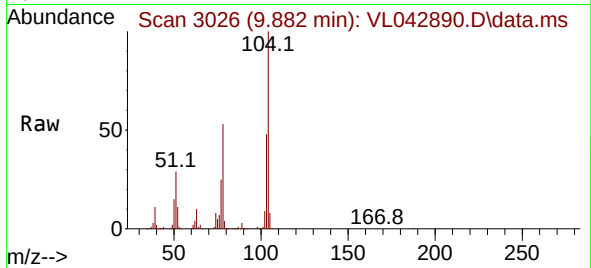
Tgt Ion: 91 Resp: 462674
Ion Ratio Lower Upper
91 100
106 42.0 21.8 65.4





#61
Styrene
Concen: 10.112 ppbv
RT: 9.882 min Scan# 3025
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

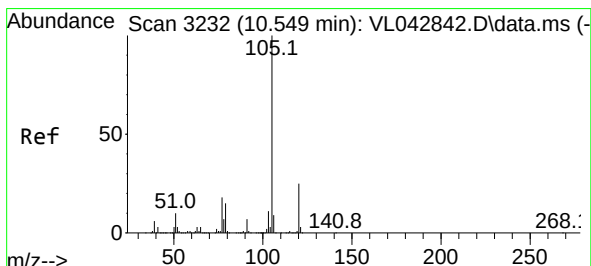
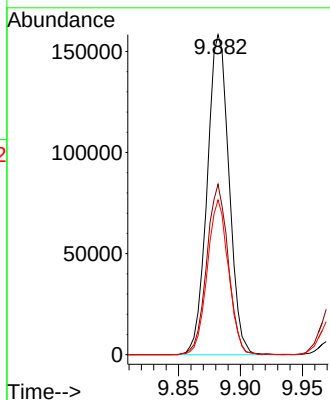
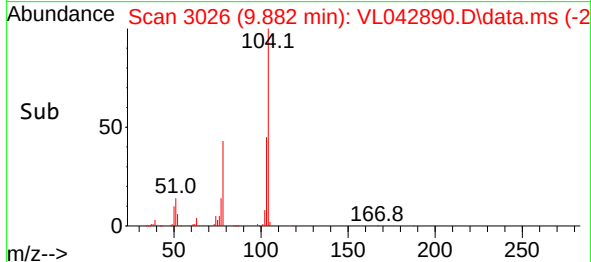
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



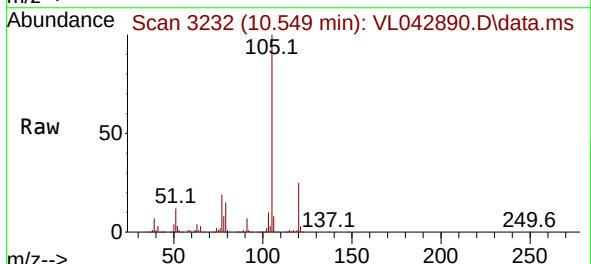
Tgt Ion:104 Resp: 194594
Ion Ratio Lower Upper
104 100
78 52.3 40.6 61.0
103 47.1 37.7 56.5

Manual Integrations
APPROVED

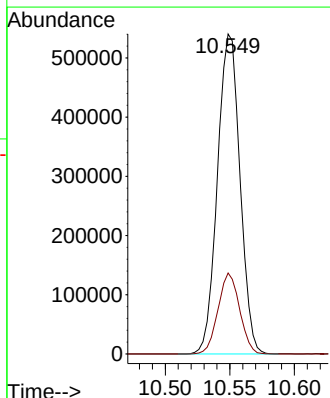
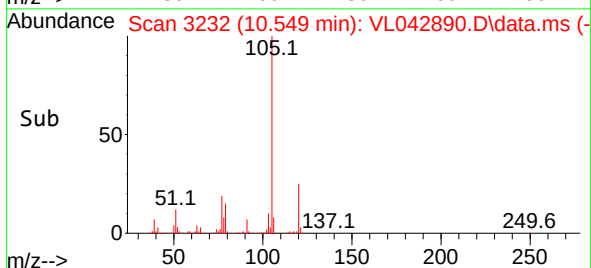
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

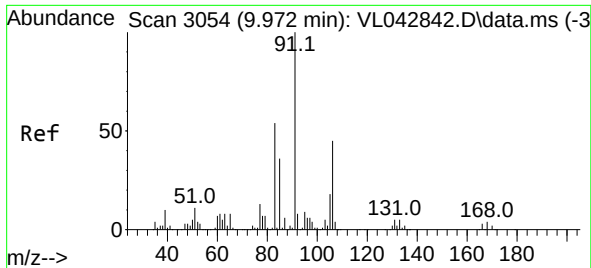


#62
Isopropylbenzene
Concen: 10.910 ppbv
RT: 10.549 min Scan# 3232
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion:105 Resp: 654902
Ion Ratio Lower Upper
105 100
120 24.2 20.6 30.8





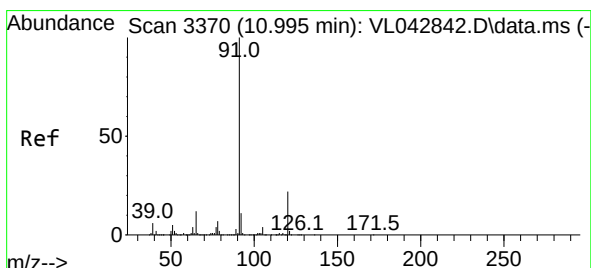
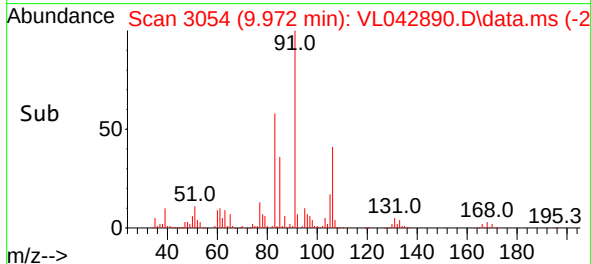
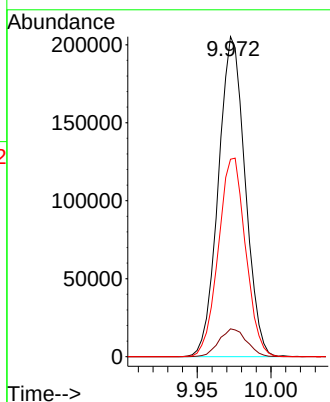
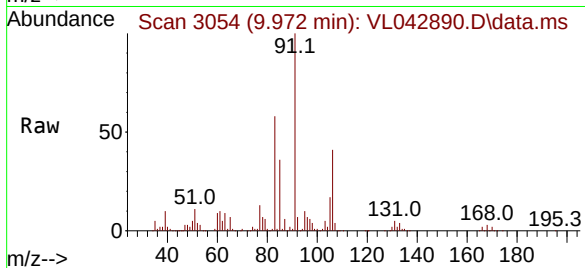
#63
1,1,2,2-Tetrachloroethane
Concen: 11.478 ppbv
RT: 9.972 min Scan# 3054
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 83 Resp: 25927
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 63.2 32.3 96.8

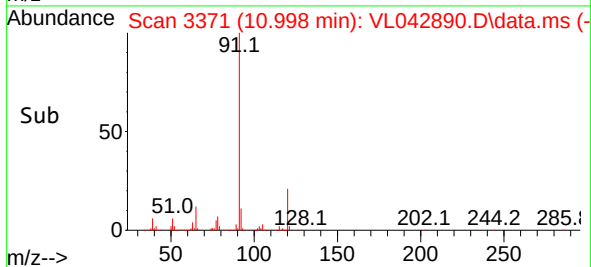
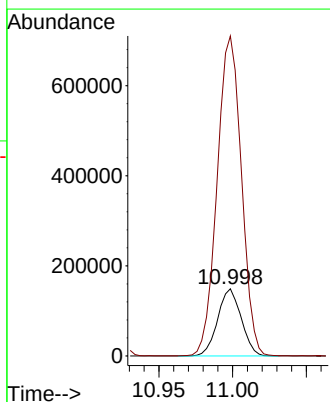
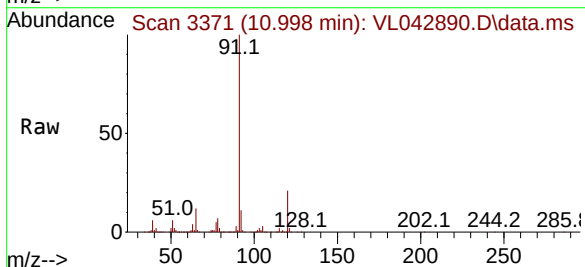
Manual Integrations
APPROVED

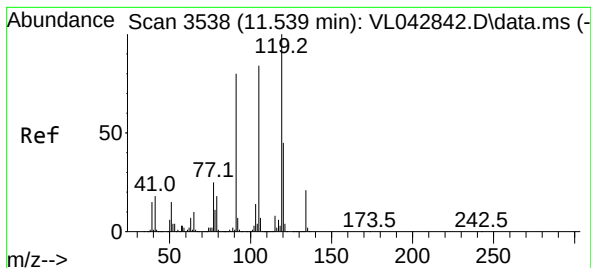
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#64
n-propylbenzene
Concen: 10.785 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

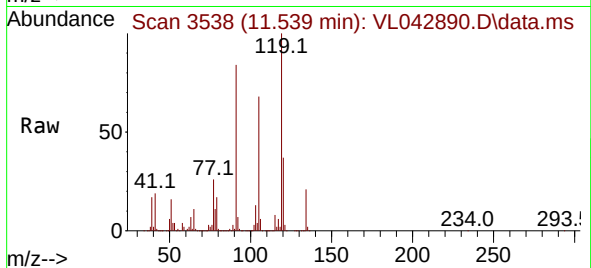
Tgt Ion:120 Resp: 165171
Ion Ratio Lower Upper
120 100
91 491.9 375.8 563.6





#65
tert-Butylbenzene
Concen: 10.644 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

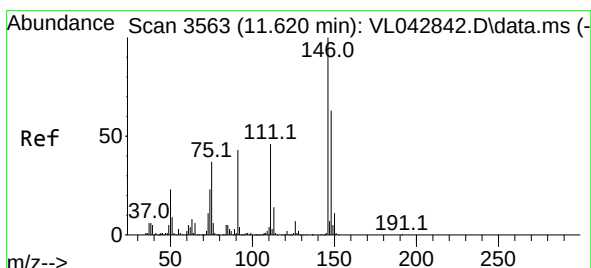
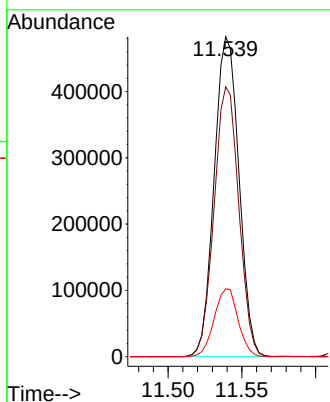
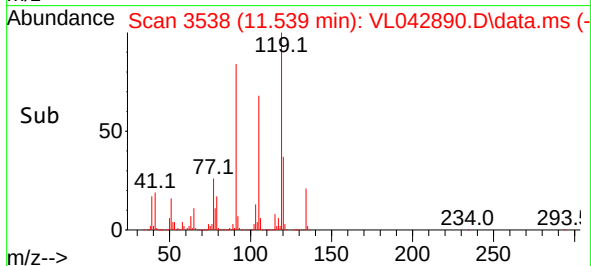
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



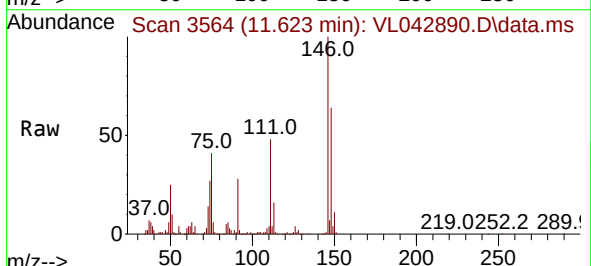
Tgt Ion: 119 Resp: 56325
Ion Ratio Lower Upper
119 100
91 84.3 63.9 95.9
134 20.5 17.0 25.4

Manual Integrations
APPROVED

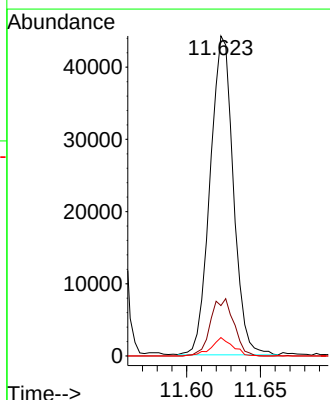
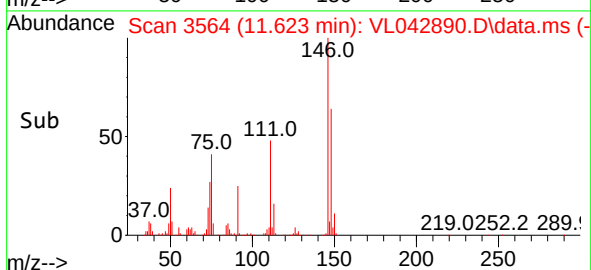
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

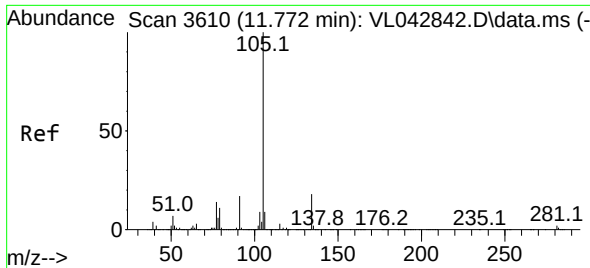


#66
Benzyl Chloride
Concen: 7.188 ppbv
RT: 11.623 min Scan# 3564
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



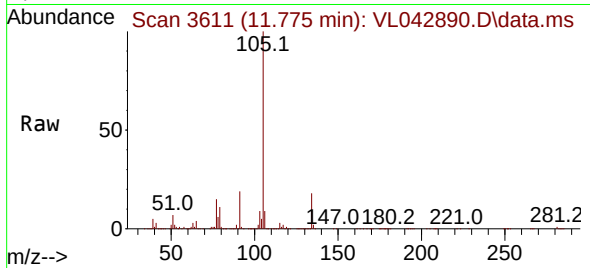
Tgt Ion: 91 Resp: 48287
Ion Ratio Lower Upper
91 100
126 18.1 14.2 21.4
128 5.4 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 11.025 ppbv
 RT: 11.775 min Scan# 3611
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45

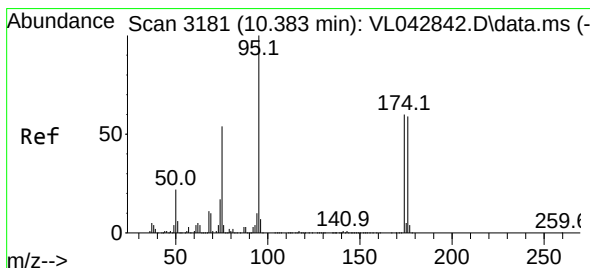
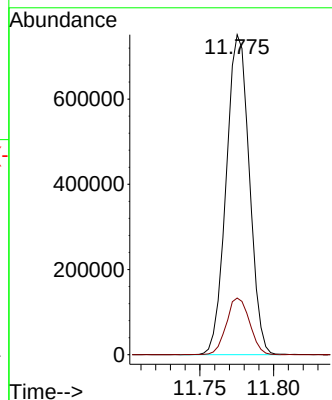
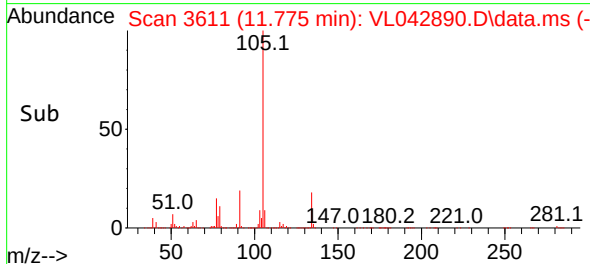
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0904ABS01



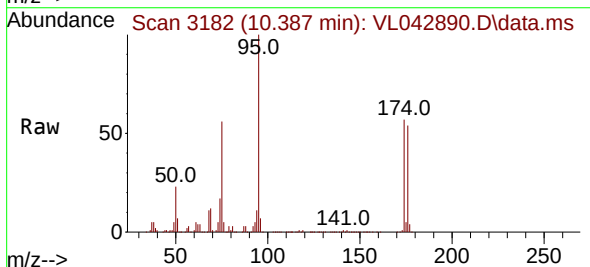
Tgt Ion:105 Resp: 81892
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.9 22.3

Manual Integrations
 APPROVED

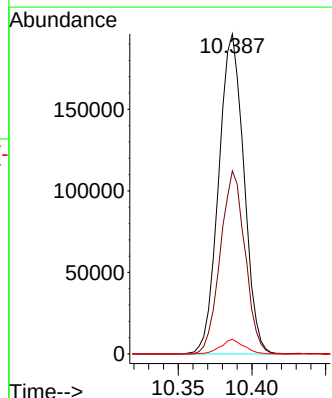
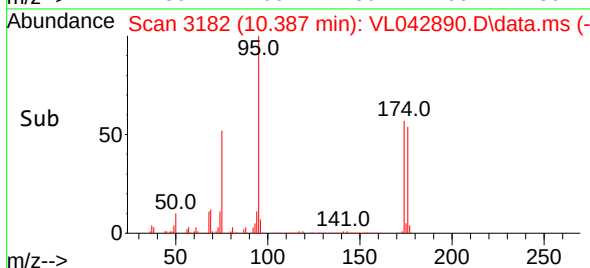
Reviewed By :Semsettin Yesilyurt 09/05/2025
 Supervised By :Mahesh Dadoda 09/05/2025

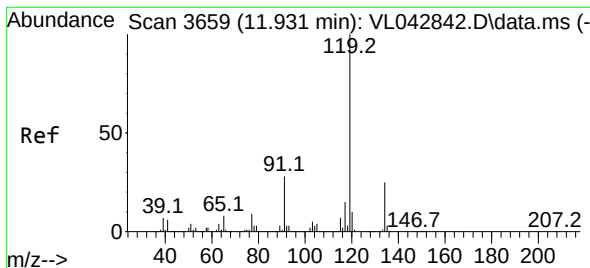


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.531 ppbv
 RT: 10.387 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VL042890.D
 Acq: 04 Sep 2025 14:45



Tgt Ion: 95 Resp: 233141
 Ion Ratio Lower Upper
 95 100
 174 56.3 48.4 72.6
 175 4.2 3.8 5.8





#69

p-Isopropyltoluene

Concen: 10.467 ppbv

RT: 11.934 min Scan# 3659

Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

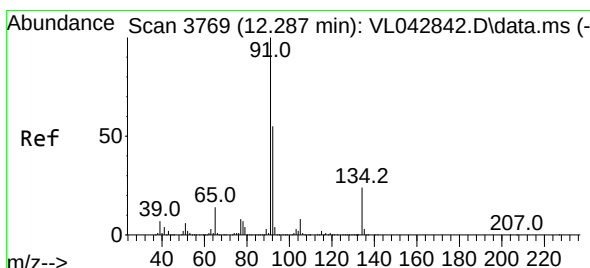
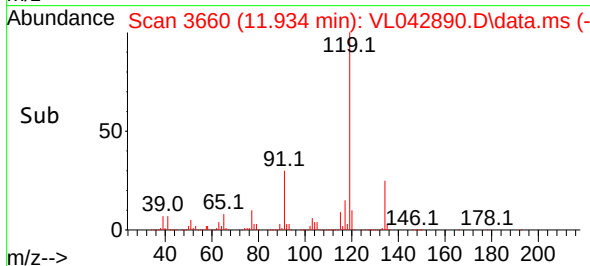
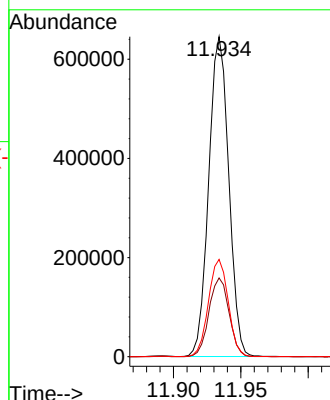
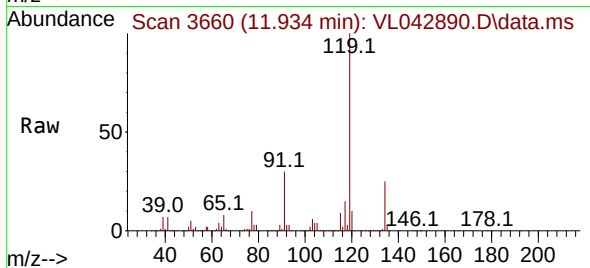
VL0904ABS01

Tgt Ion:	119	Resp:	667469
Ion Ratio	Lower	Upper	
119	100		
134	24.7	20.6	30.8
91	30.4	22.6	34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#70

n-Butylbenzene

Concen: 11.269 ppbv

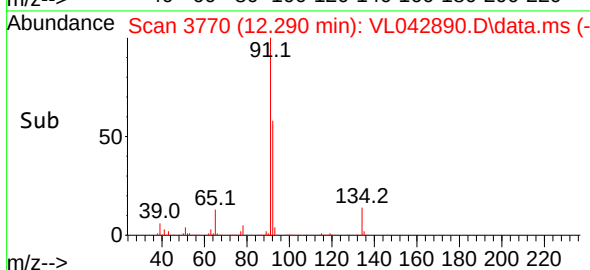
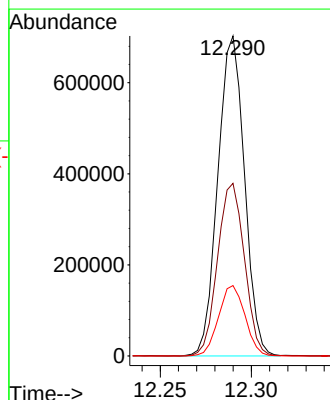
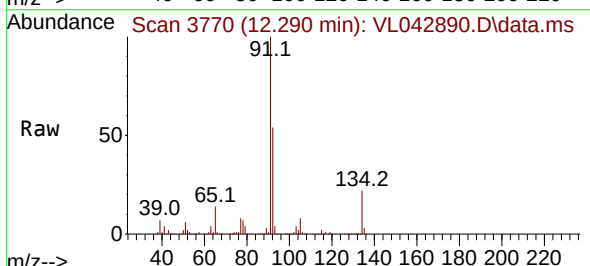
RT: 12.290 min Scan# 3770

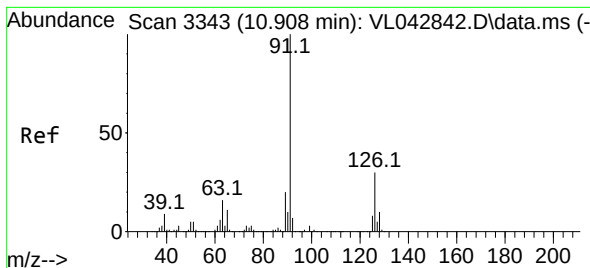
Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Tgt Ion:	91	Resp:	712683
Ion Ratio	Lower	Upper	
91	100		
92	54.5	44.6	66.8
134	21.9	19.0	28.4





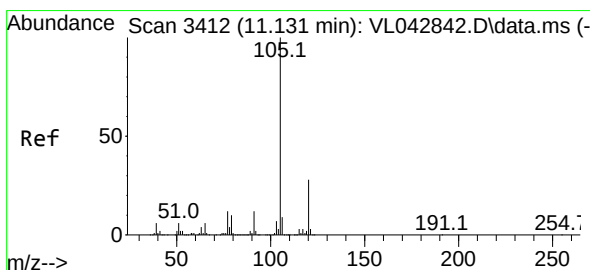
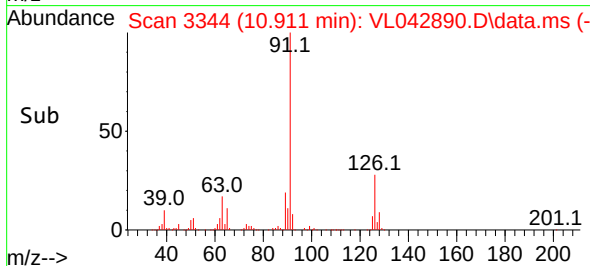
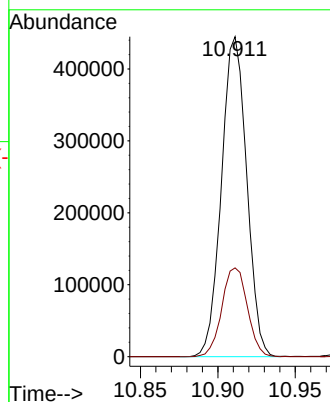
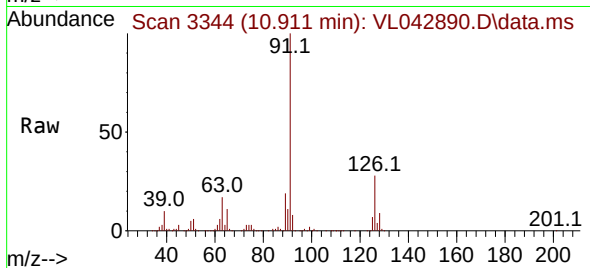
#71
2-Chlorotoluene
Concen: 10.809 ppbv
RT: 10.911 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01

Tgt Ion: 91 Resp: 503794
Ion Ratio Lower Upper
91 100
126 28.1 12.0 47.8

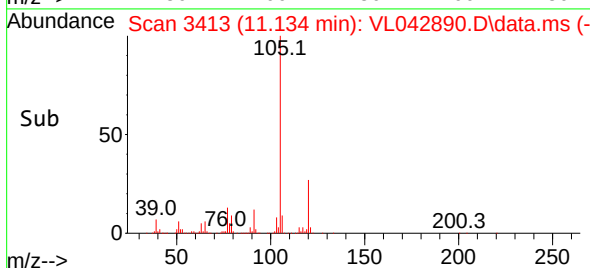
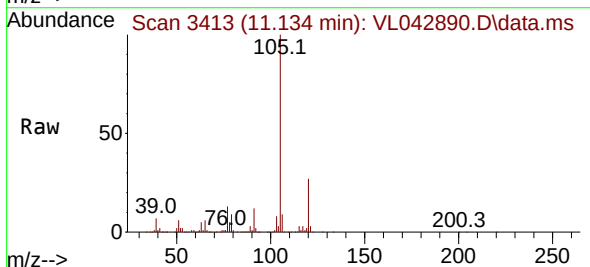
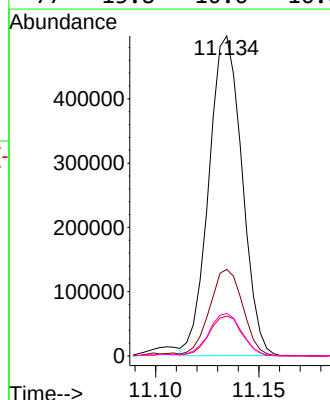
Manual Integrations
APPROVED

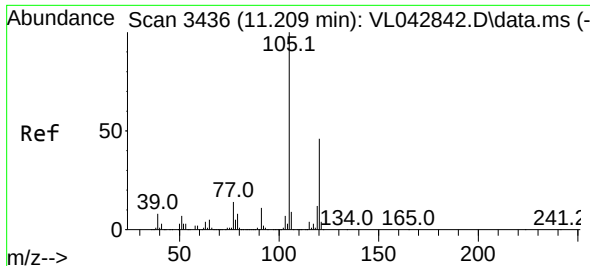
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#72
4-Ethyltoluene
Concen: 11.161 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

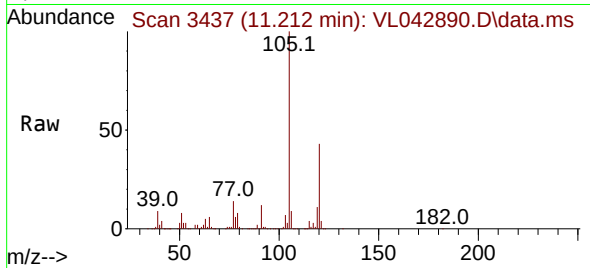
Tgt Ion:105 Resp: 555714
Ion Ratio Lower Upper
105 100
120 28.1 23.4 35.2
91 13.1 9.8 14.6
77 13.8 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 10.808 ppbv
RT: 11.212 min Scan# 3436
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

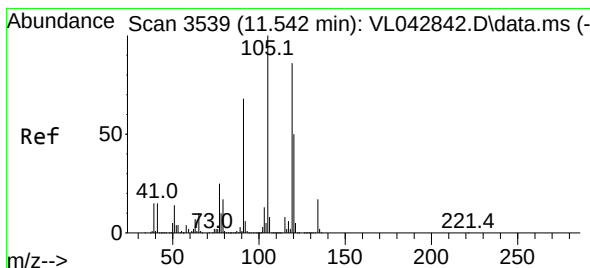
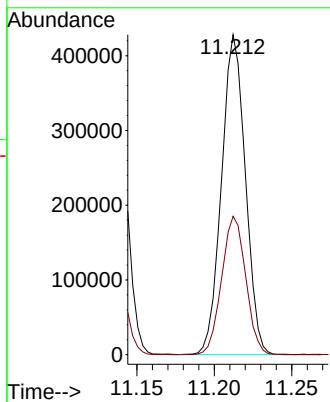
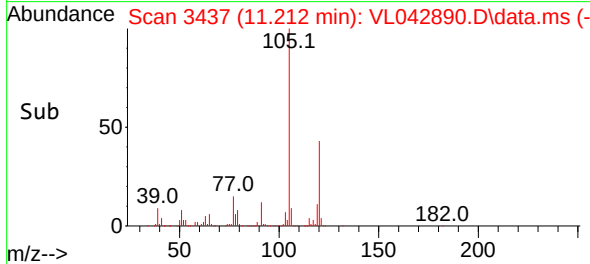
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



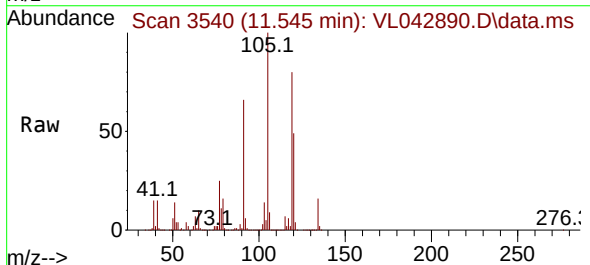
Tgt Ion:105 Resp: 457648
Ion Ratio Lower Upper
105 100
120 43.3 36.6 54.8

Manual Integrations
APPROVED

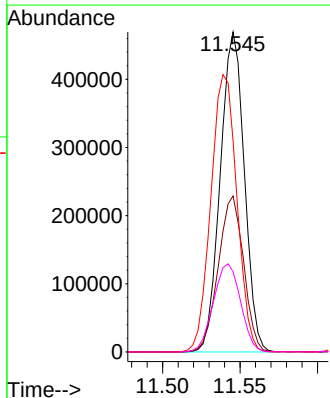
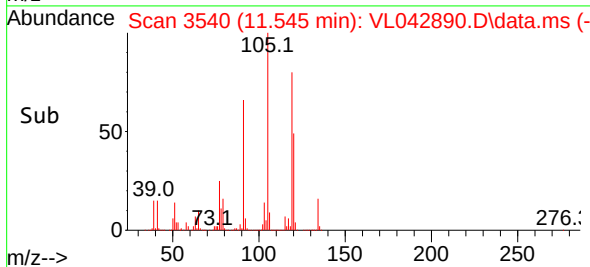
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

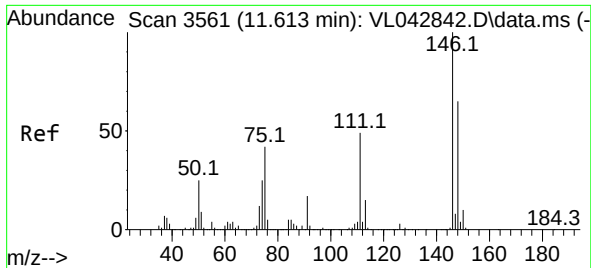


#74
1,2,4-Trimethylbenzene
Concen: 10.916 ppbv
RT: 11.545 min Scan# 3540
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



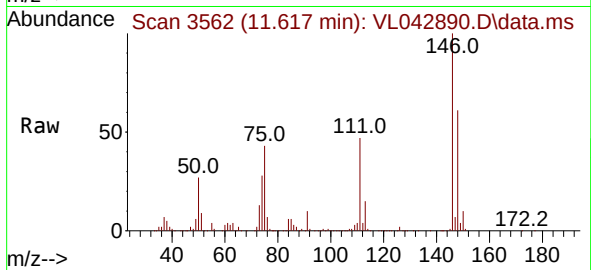
Tgt Ion:105 Resp: 507321
Ion Ratio Lower Upper
105 100
120 48.7 39.8 59.6
91 65.9 54.2 81.4
77 25.1 19.8 29.6





#75
1,3-Dichlorobenzene
Concen: 11.004 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45

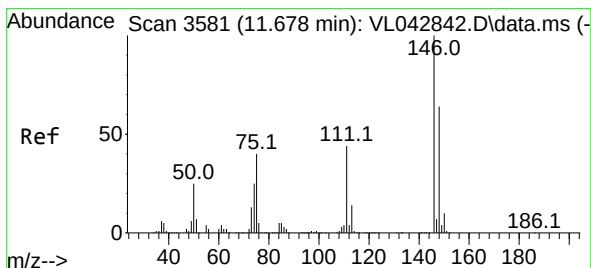
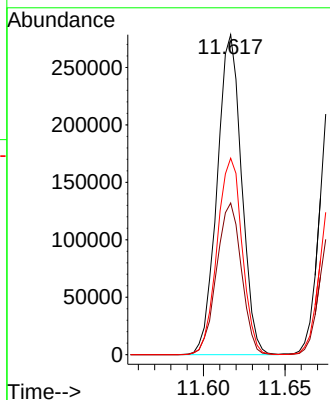
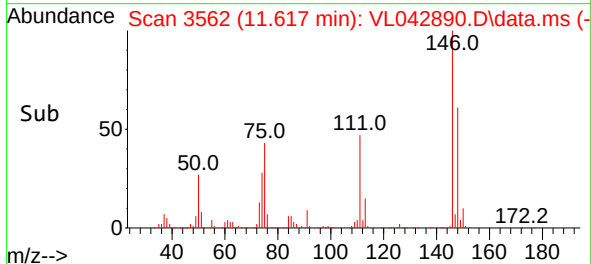
Instrument :
MSVOA_L
ClientSampleId :
VL0904ABS01



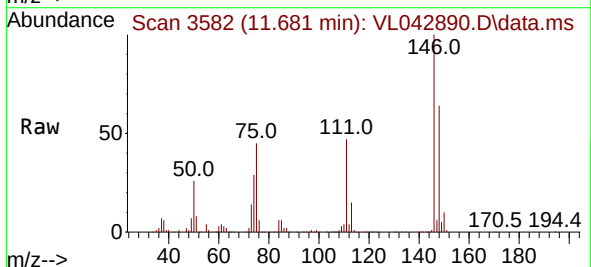
Tgt Ion:146 Resp: 290724
Ion Ratio Lower Upper
146 100
111 48.2 23.9 71.7
148 62.7 31.4 94.0

Manual Integrations
APPROVED

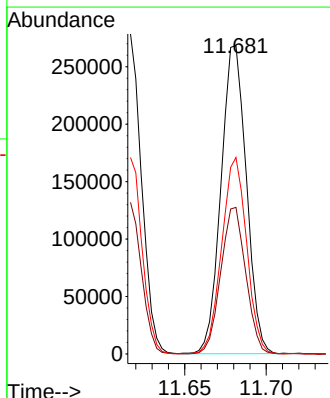
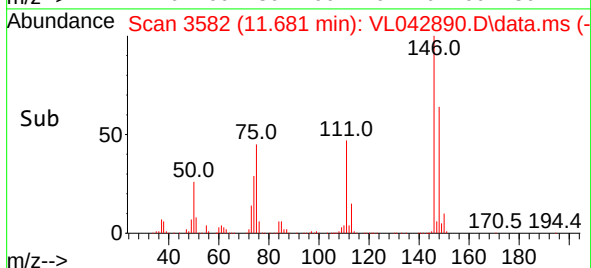
Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

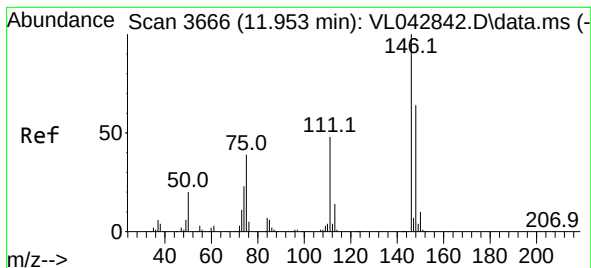


#76
1,4-Dichlorobenzene
Concen: 10.870 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. 0.003 min
Lab File: VL042890.D
Acq: 04 Sep 2025 14:45



Tgt Ion:146 Resp: 290443
Ion Ratio Lower Upper
146 100
111 46.8 22.7 68.1
148 62.8 31.8 95.3





#77

1,2-Dichlorobenzene

Concen: 10.703 ppbv

RT: 11.953 min Scan# 3666

Delta R.T. 0.000 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

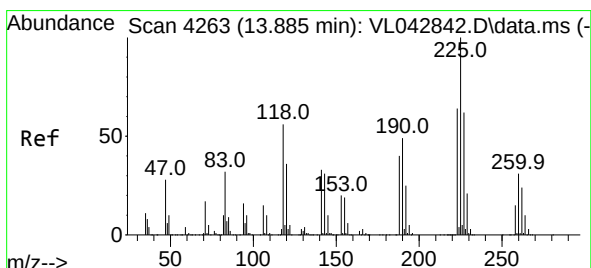
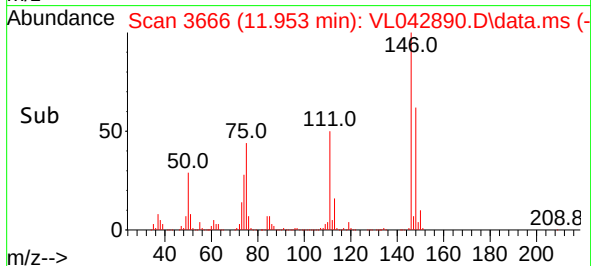
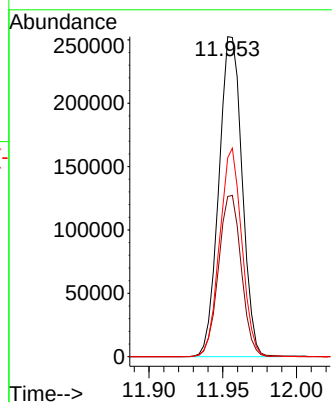
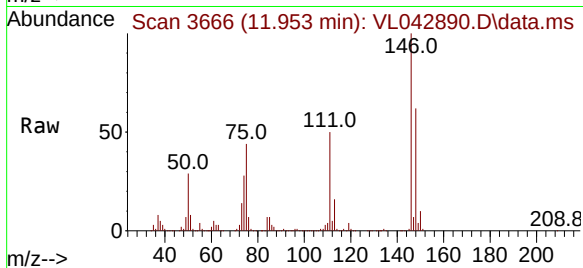
VL0904ABS01

Tgt Ion:	146	Resp:	276910
Ion Ratio	Lower	Upper	
146	100		
111	49.5	24.6	74.0
148	62.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.164 ppbv

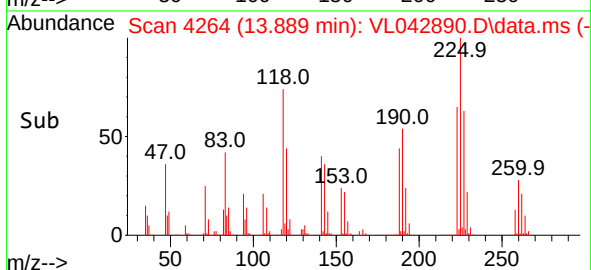
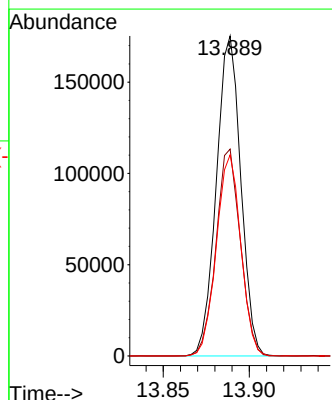
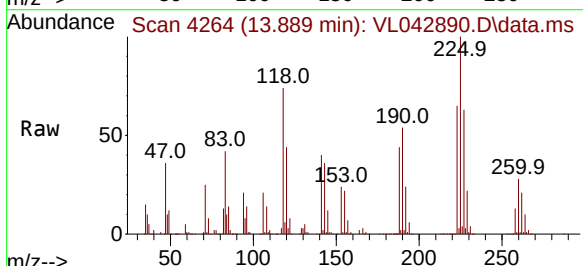
RT: 13.889 min Scan# 4264

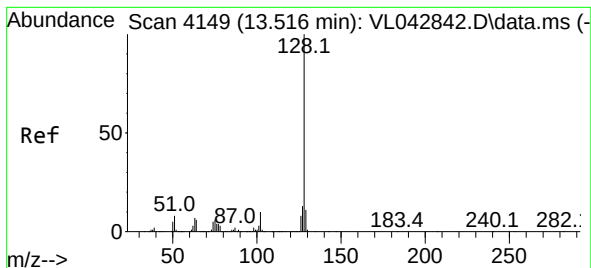
Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Tgt Ion:	225	Resp:	173101
Ion Ratio	Lower	Upper	
225	100		
223	64.5	51.4	77.2
227	62.8	51.9	77.9





#79

Naphthalene

Concen: 10.443 ppbv

RT: 13.520 min Scan# 4149

Delta R.T. 0.003 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

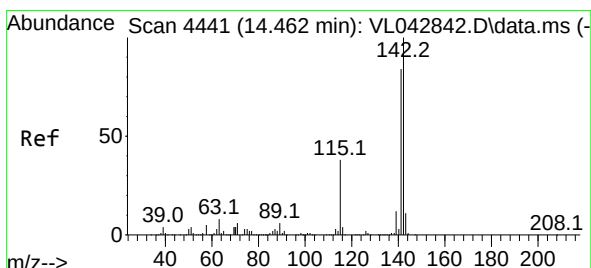
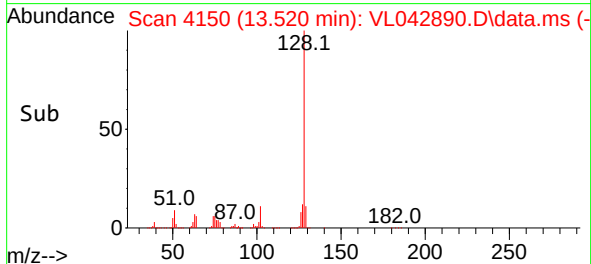
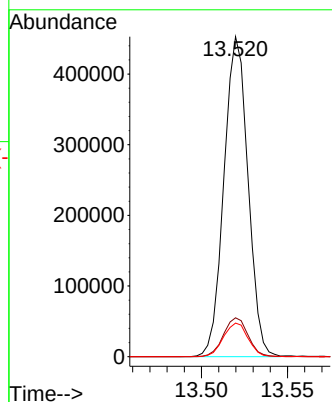
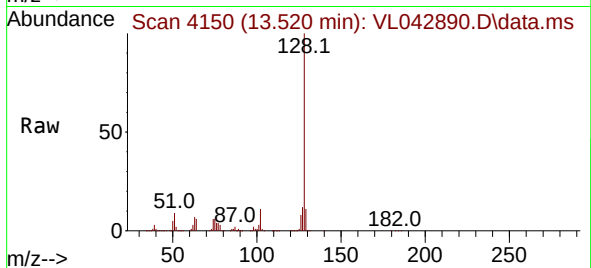
VL0904ABS01

Tgt Ion:128	Resp: 44004
Ion Ratio	Lower Upper
128 100	
127 12.1	10.6 16.0
129 10.5	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025



#80

Naphthalene,2-methyl-

Concen: 8.900 ppbv

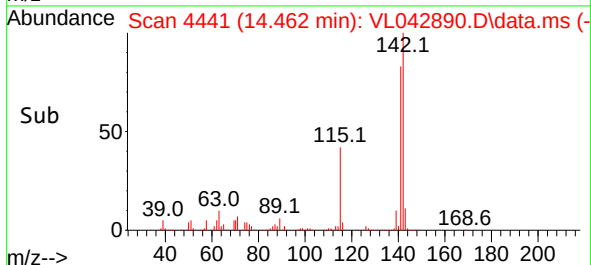
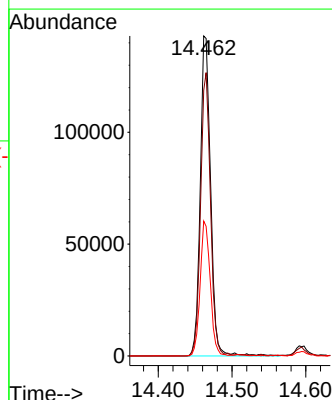
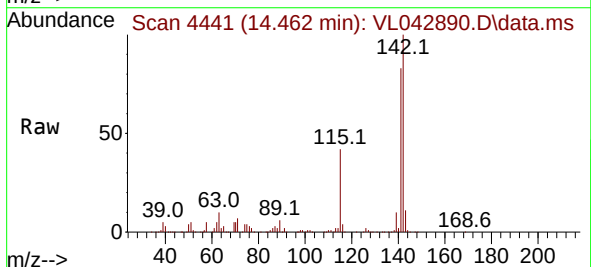
RT: 14.462 min Scan# 4441

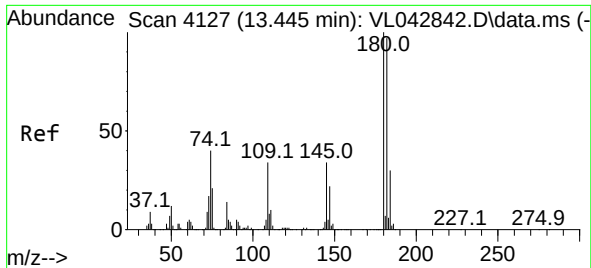
Delta R.T. 0.000 min

Lab File: VL042890.D

Acq: 04 Sep 2025 14:45

Tgt Ion:142	Resp: 140135
Ion Ratio	Lower Upper
142 100	
141 85.5	67.0 100.6
115 41.9	30.9 46.3





#81

1,2,4-Trichlorobenzene

Concen: 10.188 ppbv

RT: 13.449 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL042890.D

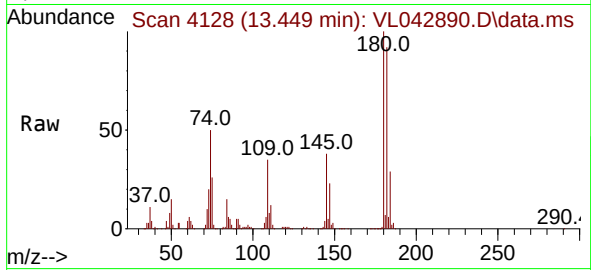
Acq: 04 Sep 2025 14:45

Instrument :

MSVOA_L

ClientSampleId :

VL0904ABS01



Tgt Ion:180 Resp: 215760

Ion Ratio Lower Upper

180 100

182 93.8 76.9 115.3

184 29.5 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025

Supervised By :Mahesh Dadoda 09/05/2025

