

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070325\
 Data File : VL042701.D
 Acq On : 03 Jul 2025 10:05
 Operator : SY/MD
 Sample : VL0703ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

Quant Time: Jul 04 03:54:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 03 01:50:16 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	121904	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	294901	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	266088	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.386 95 208227 10.174 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	118439	9.280	ppbv	98
3) Chlorodifluoromethane	1.479	51	174243	9.131	ppbv	99
4) Chloromethane	1.538	50	45584	9.107	ppbv	100
5) Vinyl Chloride	1.583	62	40498	8.049	ppbv	98
6) Bromomethane	1.673	94	19965	8.883	ppbv	98
7) Chloroethane	1.709	64	16598	8.592	ppbv	99
8) Dichlorotetrafluoroethane	1.557	85	94456	8.933	ppbv	100
9) Propene	1.486	41	64144	8.983	ppbv	100
10) Heptane	4.997	43	207786	10.716	ppbv	99
11) Trichlorofluoromethane	1.884	101	123932	9.210	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.146	101	97162	9.122	ppbv	99
13) Ethanol	1.725	45	5316	7.715	ppbv	99
14) Bromoethene	1.787	108	34350	9.253	ppbv	97
15) Acetone	1.839	43	96711	7.999	ppbv	99
16) 1,3-Butadiene	1.612	39	47290	8.488	ppbv	99
17) tert-Butyl alcohol	2.046	59	112857	9.569	ppbv	98
18) 1,1-Dichloroethene	2.039	96	41585	8.788	ppbv	95
19) Isopropyl Alcohol	1.890	45	64365	9.262	ppbv	100
20) Methylene Chloride	2.068	84	35728	7.728	ppbv	98
21) Allyl Chloride	2.101	41	78262	9.280	ppbv	99
22) trans-1,2-Dichloroethene	2.347	96	46313	8.985	ppbv	97
23) Vinyl Acetate	2.470	43	204104	10.432	ppbv	99
24) 1,1-Dichloroethane	2.415	63	93450	8.772	ppbv	98
25) Ethyl Acetate	2.842	43	360682	9.862	ppbv	99
26) Hexane	2.835	57	158622	10.396	ppbv	95
27) Carbon Disulfide	2.156	76	116687	9.378	ppbv	98
28) Methyl tert-Butyl Ether	2.450	73	77286	12.379	ppbv	100
29) Chloroform	2.858	83	210730	9.143	ppbv	98
30) Cyclohexane	3.871	84	120924	10.511	ppbv	97
31) cis-1,2-Dichloroethene	2.729	61	141397	9.736	ppbv	91
32) 1,1,1-Trichloroethane	3.376	97	194157	8.780	ppbv	99
34) 2-Butanone	2.564	43	234275	10.037	ppbv	99
35) Carbon Tetrachloride	3.774	117	190733	9.347	ppbv	96
36) Benzene	3.670	78	296341	9.970	ppbv	96
37) 1,2-Dichloroethane	3.230	62	152187	9.641	ppbv	100
38) Trichloroethene	4.564	130	115195	8.971	ppbv	95
39) 1,2-Dichloropropane	4.327	63	115554	9.968	ppbv	95
40) 1,4-Dioxane	4.596	88	46836	10.427	ppbv #	95
41) Tetrahydrofuran	3.062	42	130900	11.005	ppbv	98
42) Bromodichloromethane	4.505	83	223978	10.017	ppbv	98
43) Methyl Methacrylate	4.897	69	108635	11.366	ppbv	99
44) 2,2,4-Trimethylpentane	4.658	57	534397	10.703	ppbv	99
45) t-1,3-Dichloropropene	6.431	75	108628	10.827	ppbv	98

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Quant Time: Jul 04 03:54:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL070225AIR.M

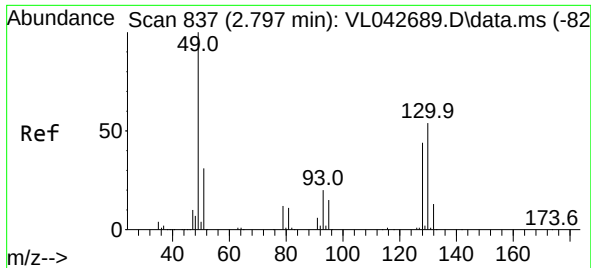
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 03 01:50:16 2025

Response via : Initial Calibration

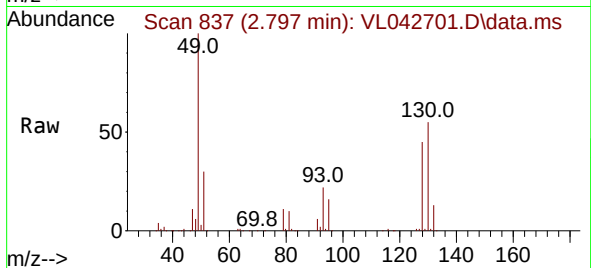
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.619	75	144794	10.459	ppbv	97
47) 1,1,2-Trichloroethane	6.600	97	116323	10.189	ppbv	96
48) Dibromochloromethane	7.402	129	175715	10.051	ppbv	98
49) Bromoform	9.496	173	150590	9.974	ppbv	99
50) 4-Methyl-2-Pentanone	5.771	43	307810	11.262	ppbv	100
51) 2-Hexanone	7.451	43	240804	12.109	ppbv	99
52) Tetrachloroethene	8.237	164	94949	9.557	ppbv	94
53) Toluene	6.952	91	314837	11.345	ppbv	99
54) 1,2-Dibromoethane	7.671	107	159118	9.998	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.940	131	134792	9.368	ppbv	98
57) Chlorobenzene	8.936	112	249953	9.363	ppbv	99
58) Ethyl Benzene	9.367	91	435917	11.328	ppbv	98
59) m/p-Xylene	9.564	91	718262m	22.284	ppbv	
60) o-Xylene	9.979	91	351150	11.075	ppbv	99
61) Styrene	9.885	104	147279	11.824	ppbv	100
62) Isopropylbenzene	10.552	105	508294	10.621	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.975	83	233464	9.561	ppbv	99
64) n-propylbenzene	10.998	120	135020	11.020	ppbv	99
65) tert-Butylbenzene	11.542	119	438665	10.709	ppbv	99
66) Benzyl Chloride	11.626	91	42770	10.777	ppbv	99
67) sec-Butylbenzene	11.778	105	637683	10.162	ppbv	99
69) p-Isopropyltoluene	11.937	119	525771	10.527	ppbv	100
70) n-Butylbenzene	12.290	91	543203	10.796	ppbv	100
71) 2-Chlorotoluene	10.914	91	385505	10.889	ppbv	99
72) 4-Ethyltoluene	11.134	105	431452	11.152	ppbv	100
73) 1,3,5-Trimethylbenzene	11.215	105	353407	10.835	ppbv	98
74) 1,2,4-Trimethylbenzene	11.548	105	391311	10.516	ppbv	93
75) 1,3-Dichlorobenzene	11.616	146	248327	9.512	ppbv	100
76) 1,4-Dichlorobenzene	11.681	146	241776	9.758	ppbv	99
77) 1,2-Dichlorobenzene	11.956	146	237403	9.002	ppbv	99
78) Hexachloro-1,3-Butadiene	13.889	225	167030	8.132	ppbv	99
79) Naphthalene	13.520	128	360852	11.619	ppbv	99
80) Naphthalene,2-methyl-	14.465	142	142084	11.015	ppbv	98
81) 1,2,4-Trichlorobenzene	13.448	180	184434	10.191	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 837
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

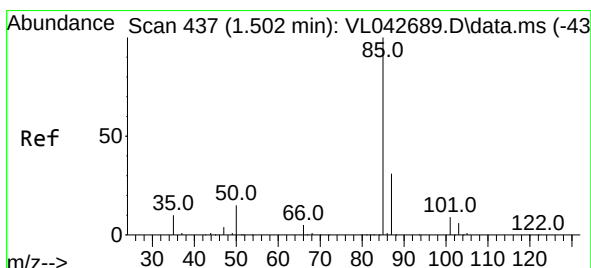
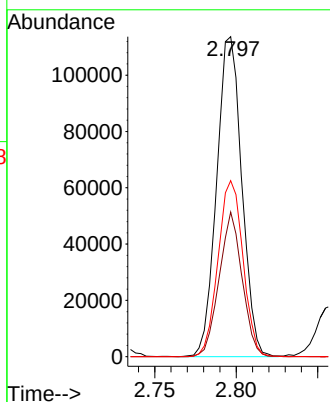
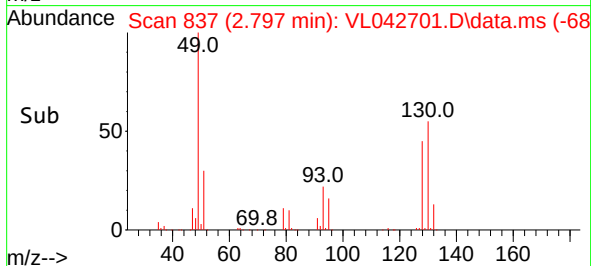
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



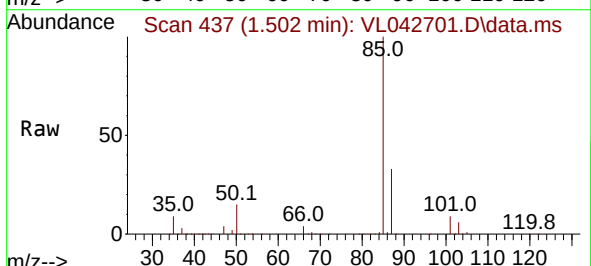
Tgt Ion: 49 Resp: 121904
Ion Ratio Lower Upper
49 100
128 41.2 21.4 64.2
130 54.5 28.0 84.0

Manual Integrations
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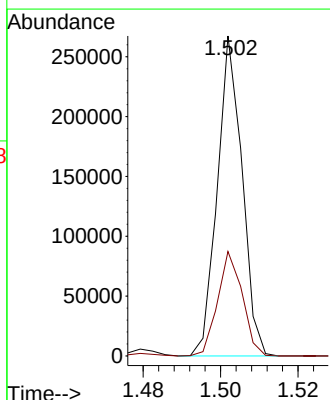
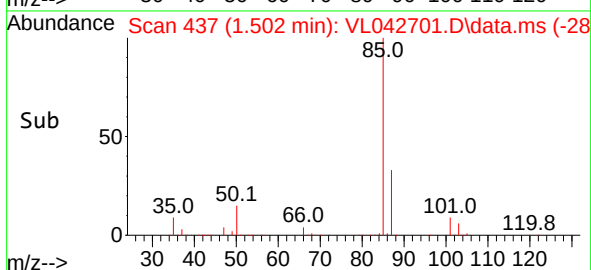
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

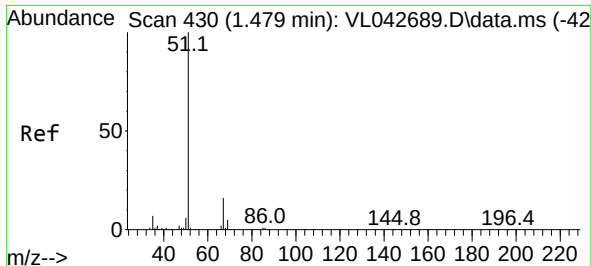


#2
Dichlorodifluoromethane
Concen: 9.280 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion: 85 Resp: 118439
Ion Ratio Lower Upper
85 100
87 32.6 25.1 37.7





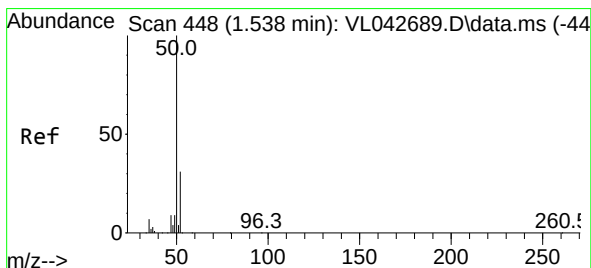
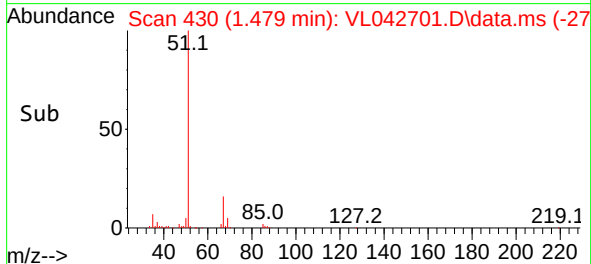
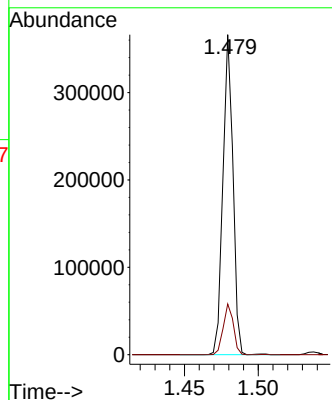
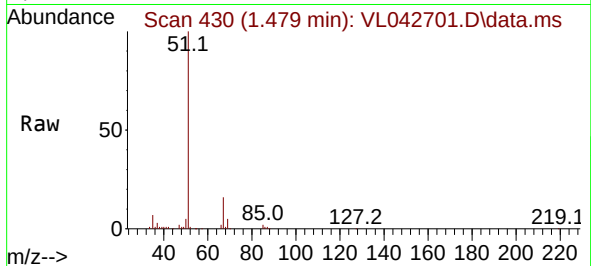
#3
Chlorodifluoromethane
Concen: 9.131 ppbv
RT: 1.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 51 Resp: 17424
Ion Ratio Lower Upper
51 100
67 16.0 13.1 19.7

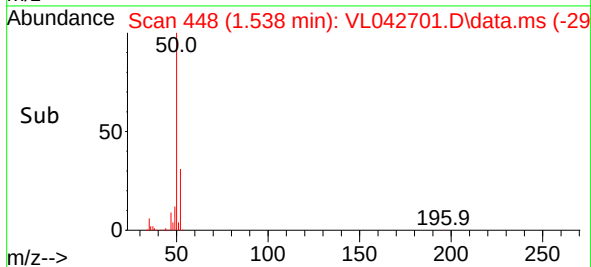
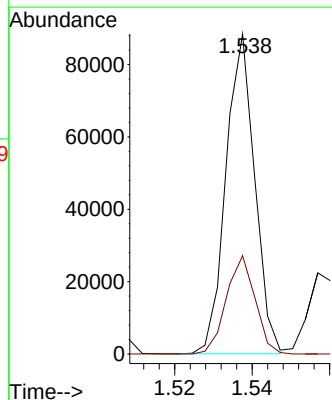
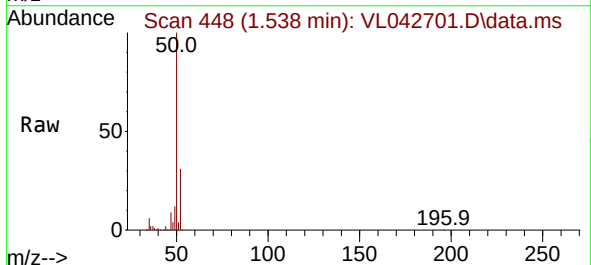
Manual Integrations
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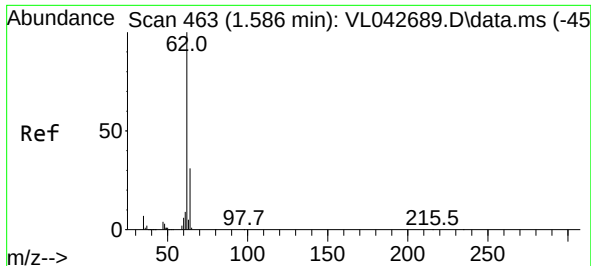
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#4
Chloromethane
Concen: 9.107 ppbv
RT: 1.538 min Scan# 448
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion: 50 Resp: 45584
Ion Ratio Lower Upper
50 100
52 30.7 24.8 37.2





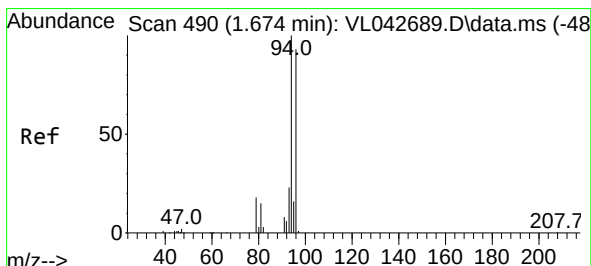
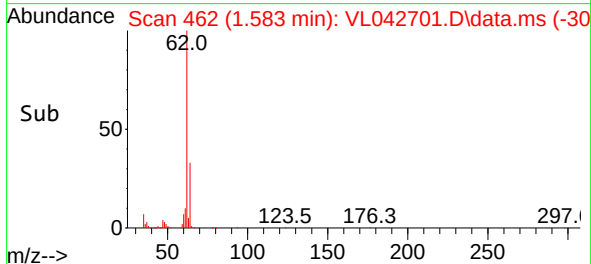
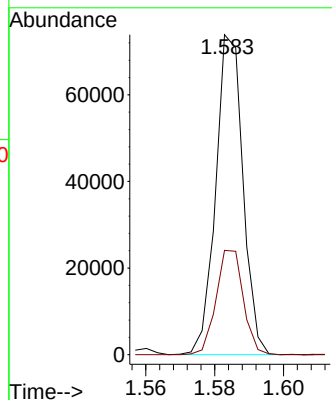
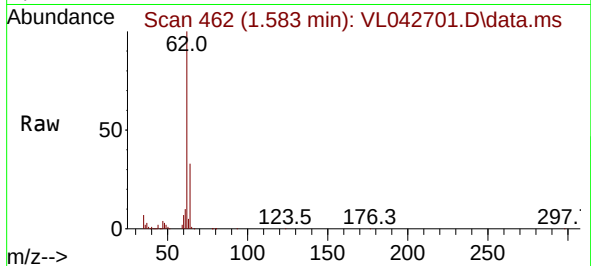
#5
 Vinyl Chloride
 Concen: 8.049 ppbv
 RT: 1.583 min Scan# 40498
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01

Tgt Ion: 62 Resp: 40498
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.1 37.7

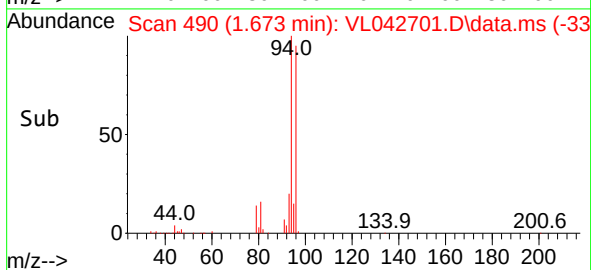
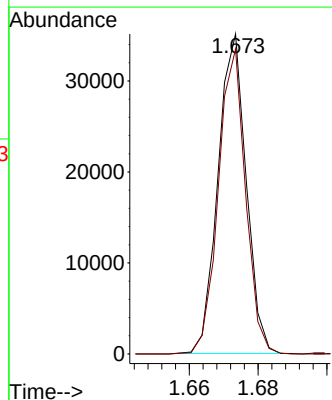
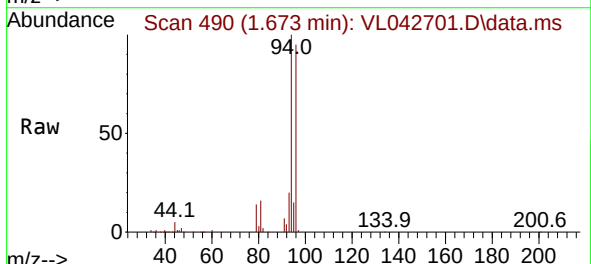
Manual Integrations
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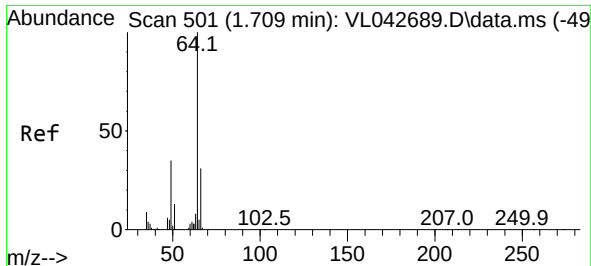
Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#6
 Bromomethane
 Concen: 8.883 ppbv
 RT: 1.673 min Scan# 490
 Delta R.T. -0.000 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

Tgt Ion: 94 Resp: 19965
 Ion Ratio Lower Upper
 94 100
 96 95.2 74.6 112.0





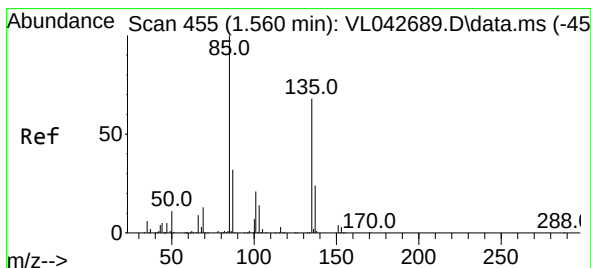
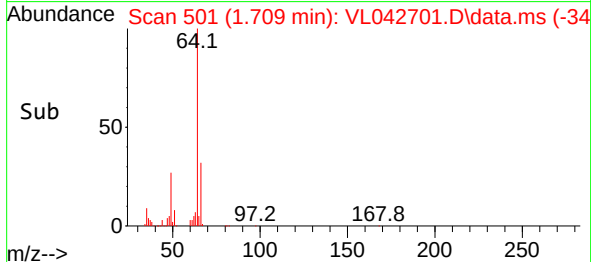
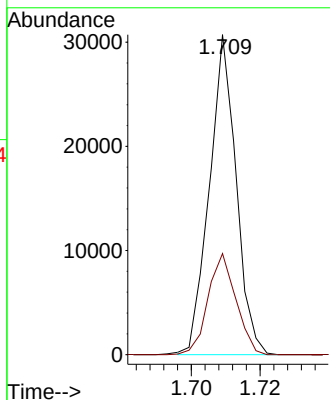
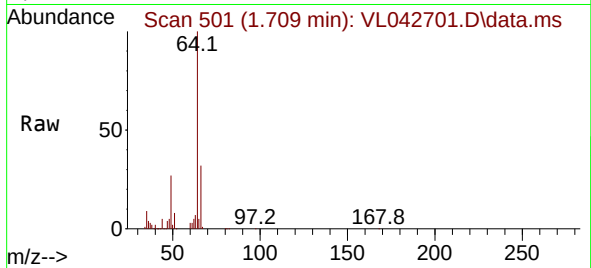
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Chloroethane
Concen: 8.592 ppbv
RT: 1.709 min Scan# 501
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 64 Resp: 16598
Ion Ratio Lower Upper
64 100
66 31.6 24.7 37.1

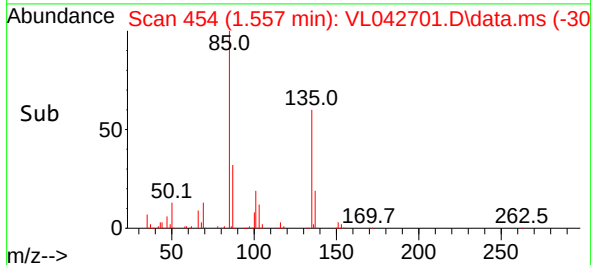
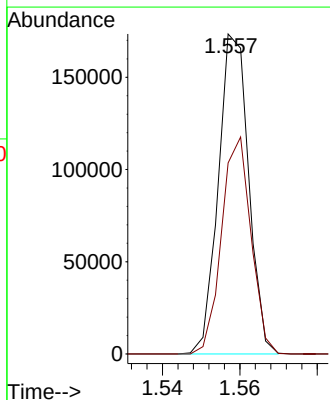
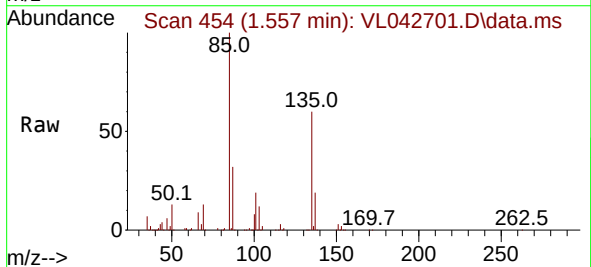
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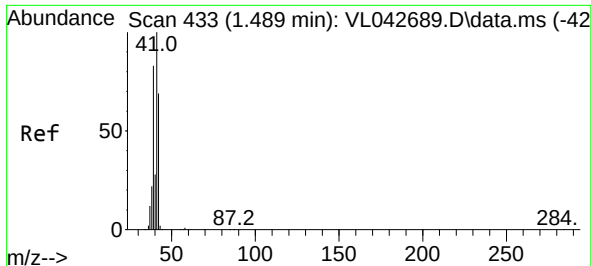
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#8
Dichlorotetrafluoroethane
Concen: 8.933 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion: 85 Resp: 94456
Ion Ratio Lower Upper
85 100
135 66.0 52.6 79.0





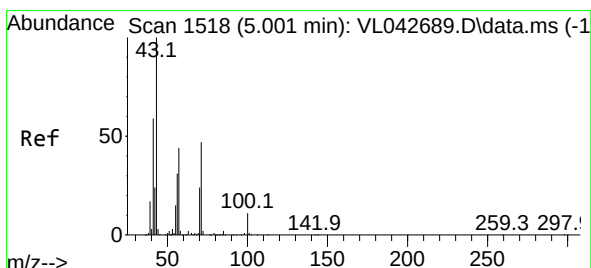
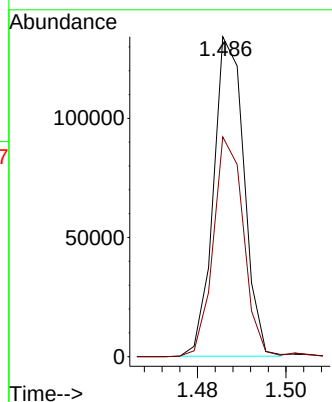
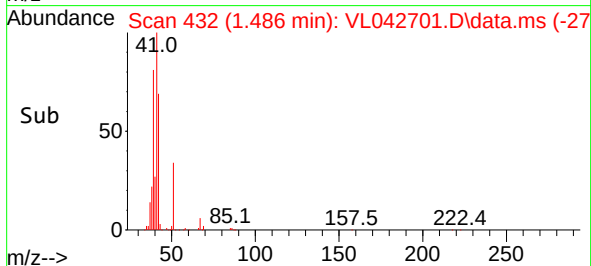
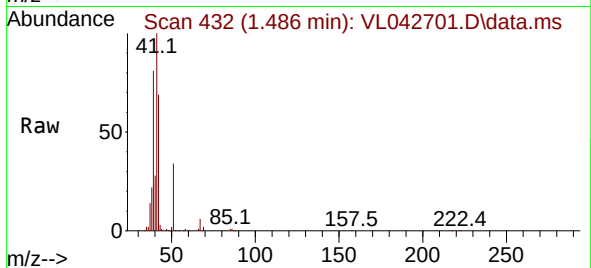
#9
Propene
Concen: 8.983 ppbv
RT: 1.486 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 41 Resp: 64144
Ion Ratio Lower Upper
41 100
42 69.2 55.6 83.4

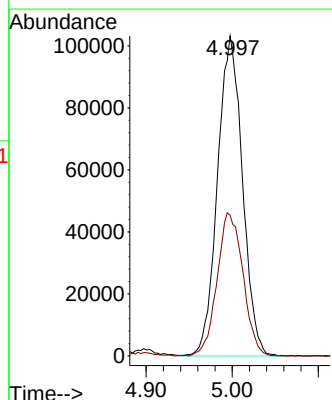
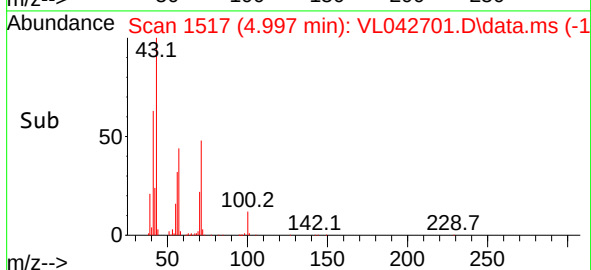
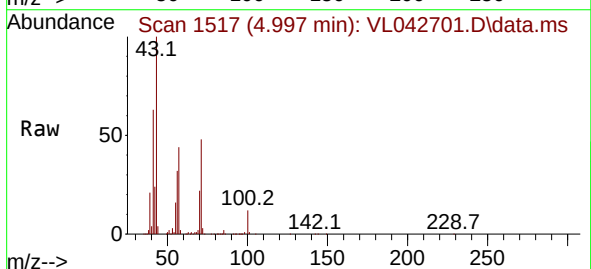
Manual Integrations
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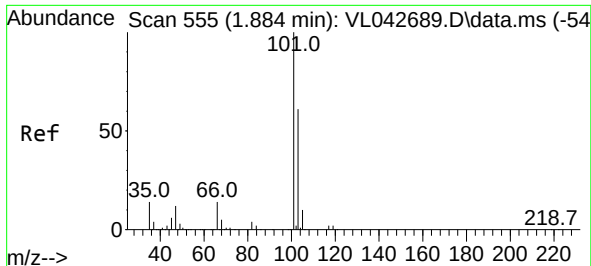
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#10
Heptane
Concen: 10.716 ppbv
RT: 4.997 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

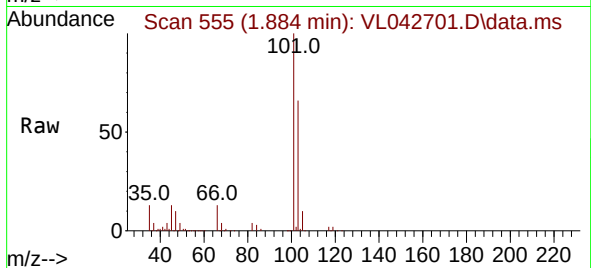
Tgt Ion: 43 Resp: 207786
Ion Ratio Lower Upper
43 100
57 46.4 37.4 56.0





#11
Trichlorofluoromethane
Concen: 9.210 ppbv
RT: 1.884 min Scan# 555
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

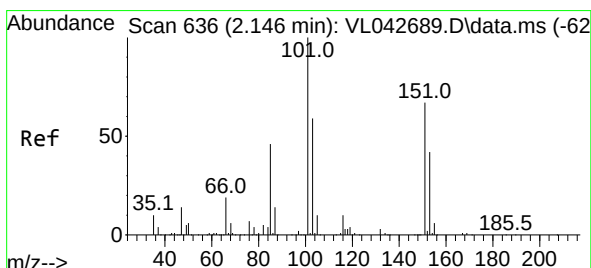
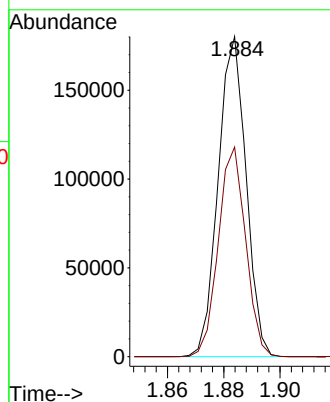
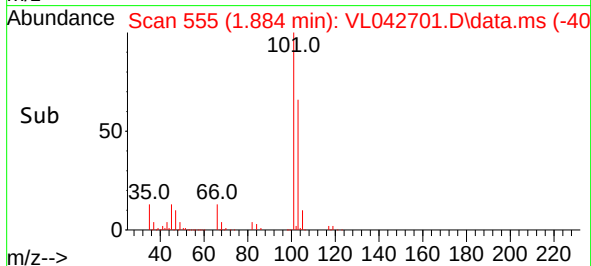
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



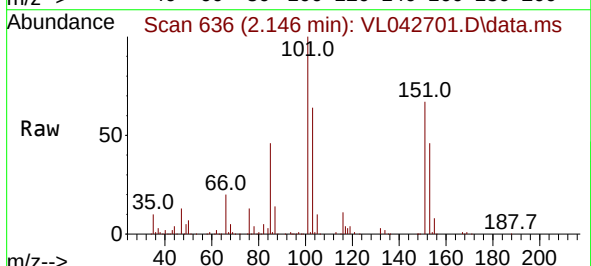
Tgt Ion:101 Resp: 123932
Ion Ratio Lower Upper
101 100
103 65.5 48.9 73.3

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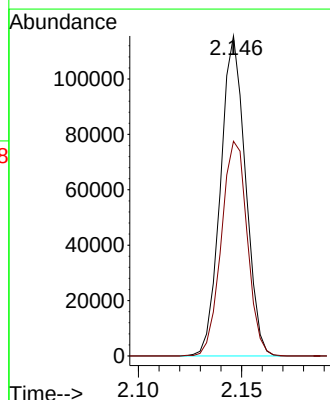
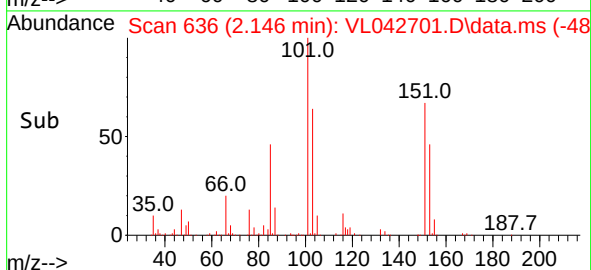
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

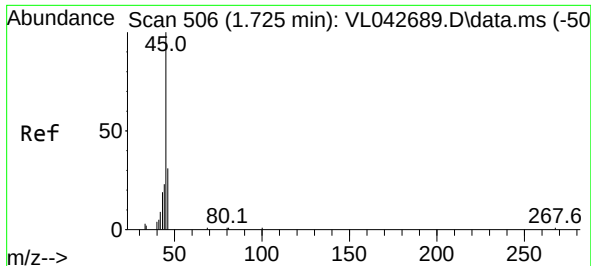


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.122 ppbv
RT: 2.146 min Scan# 636
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



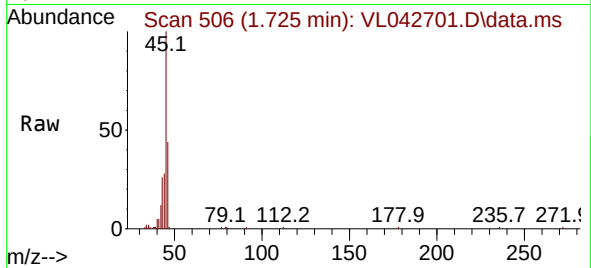
Tgt Ion:101 Resp: 97162
Ion Ratio Lower Upper
101 100
151 69.7 56.6 84.8





#13
Ethanol
Concen: 7.715 ppbv
RT: 1.725 min Scan# 506
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

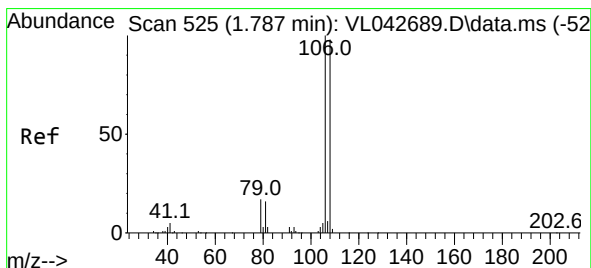
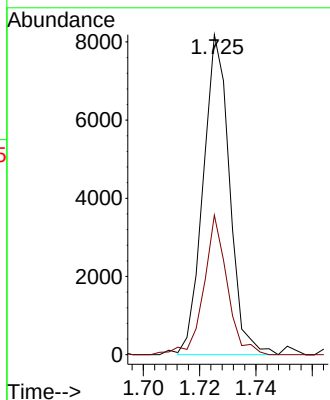
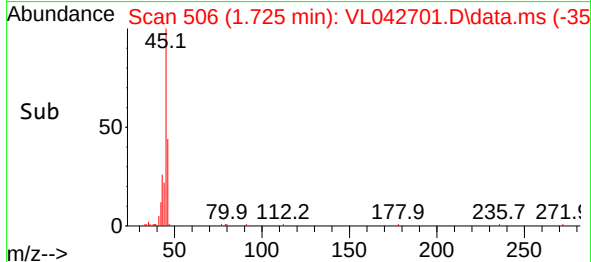
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



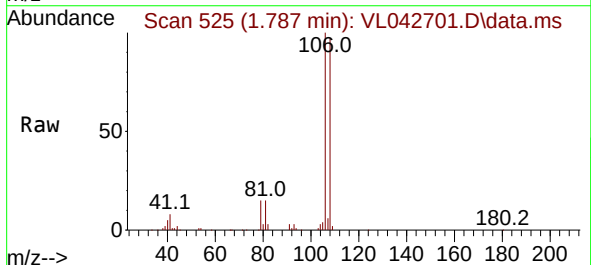
Tgt Ion: 45 Resp: 5310
Ion Ratio Lower Upper
45 100
46 38.7 15.2 60.8

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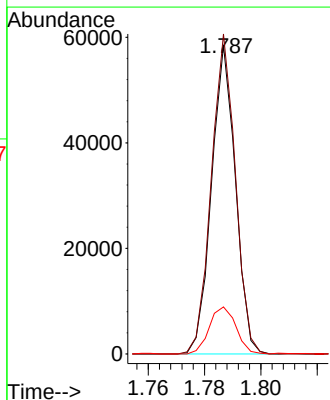
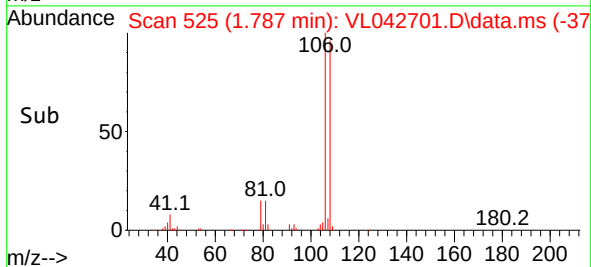
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

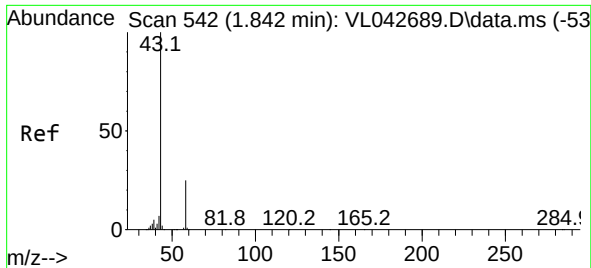


#14
Bromoethene
Concen: 9.253 ppbv
RT: 1.787 min Scan# 525
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion:108 Resp: 34350
Ion Ratio Lower Upper
108 100
106 104.3 85.9 128.9
79 17.3 14.5 21.7





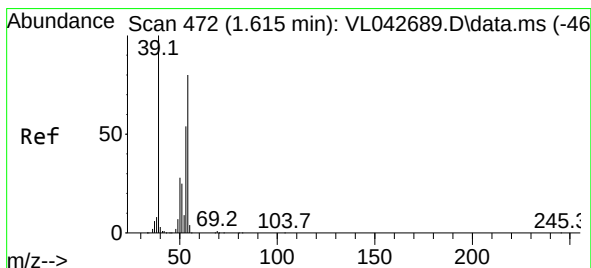
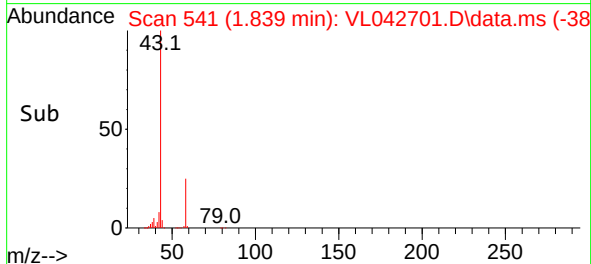
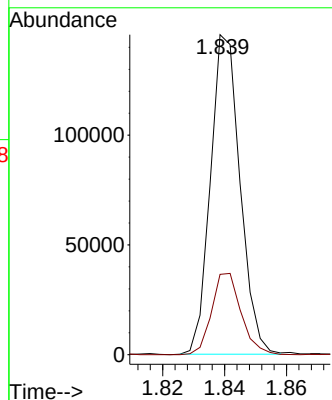
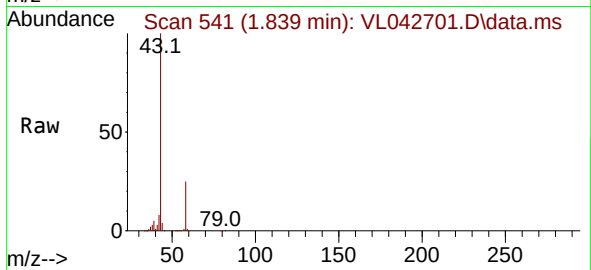
#15
Acetone
Concen: 7.999 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 43 Resp: 9671
Ion Ratio Lower Upper
43 100
58 25.4 20.6 31.0

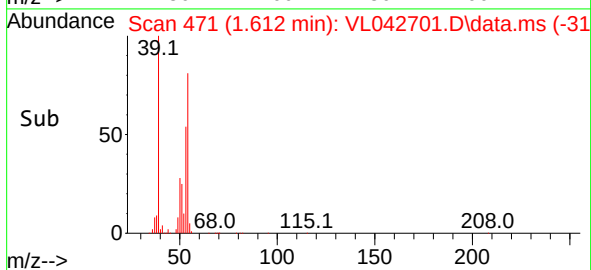
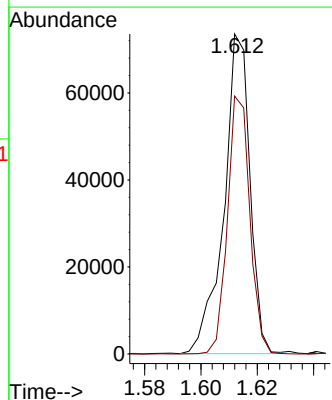
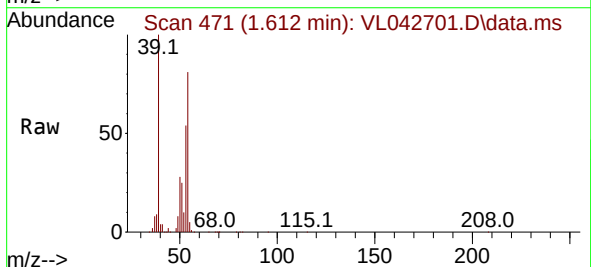
Manual Integrations
APPROVED

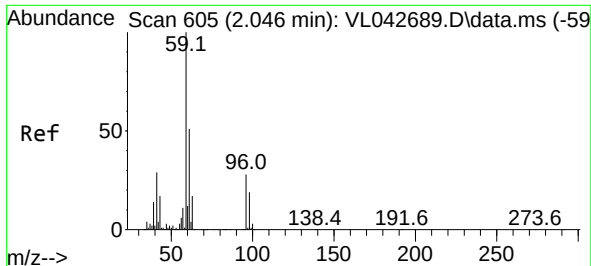
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#16
1,3-Butadiene
Concen: 8.488 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion: 39 Resp: 47290
Ion Ratio Lower Upper
39 100
54 69.3 54.9 82.3





#17

tert-Butyl alcohol

Concen: 9.569 ppbv

RT: 2.046 min Scan# 605

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

Tgt Ion: 59 Resp: 11285

Ion Ratio Lower Upper

59 100

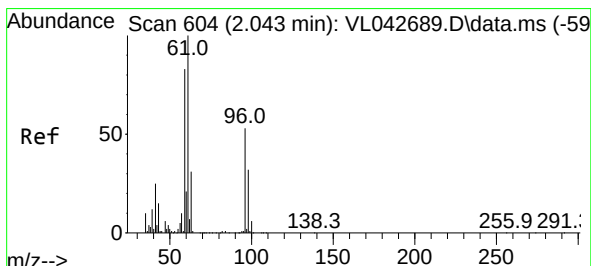
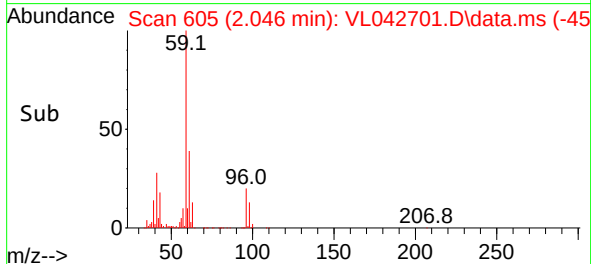
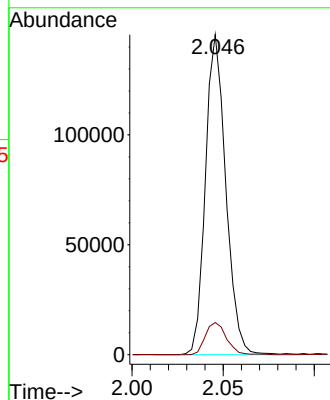
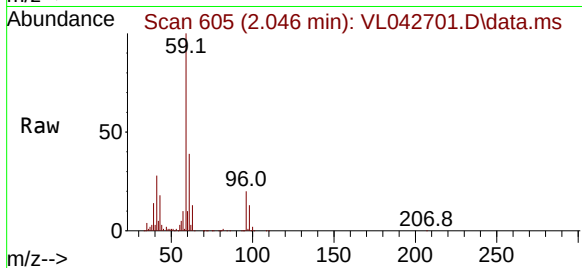
57 10.4 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#18

1,1-Dichloroethene

Concen: 8.788 ppbv

RT: 2.039 min Scan# 603

Delta R.T. -0.003 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

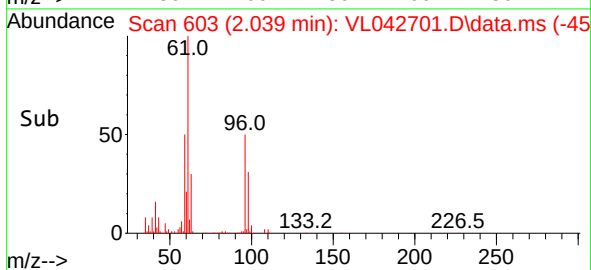
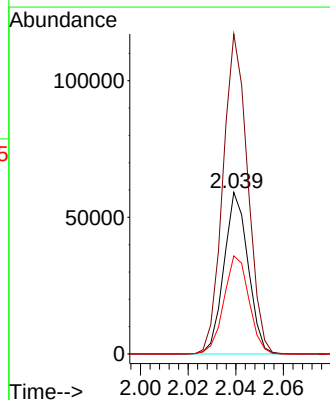
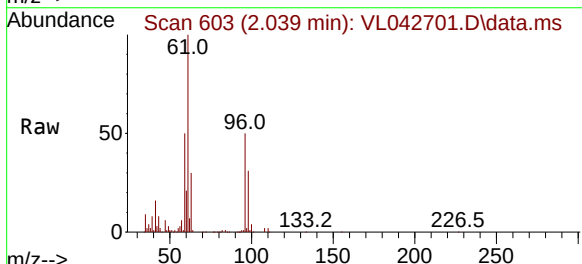
Tgt Ion: 96 Resp: 41585

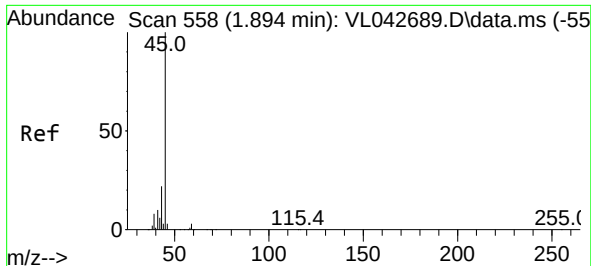
Ion Ratio Lower Upper

96 100

61 198.1 151.0 226.6

98 60.7 49.0 73.4





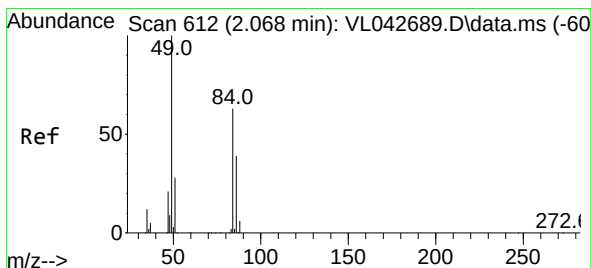
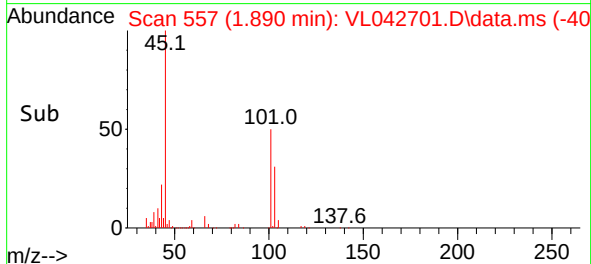
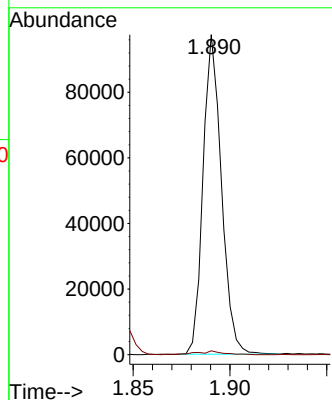
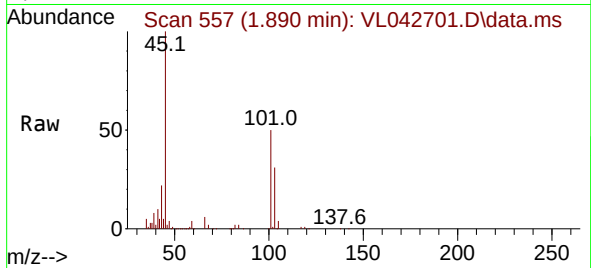
#19
Isopropyl Alcohol
Concen: 9.262 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 45 Resp: 6436
Ion Ratio Lower Upper
45 100
58 1.7 1.4 2.2

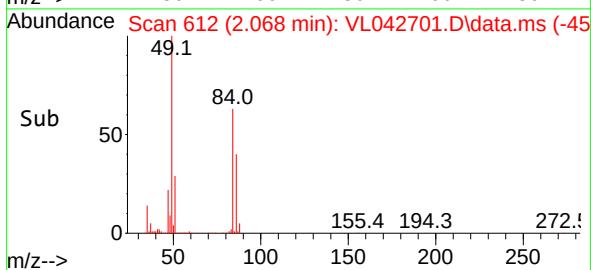
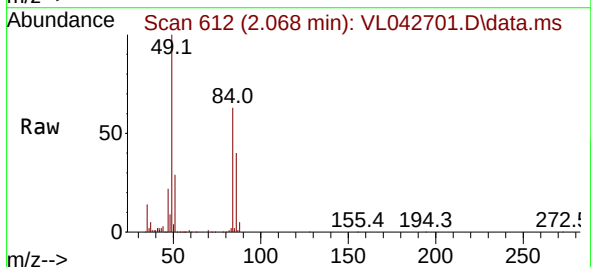
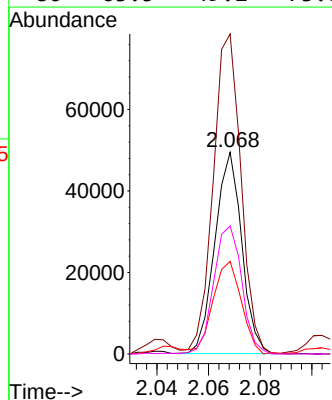
Manual Integrations
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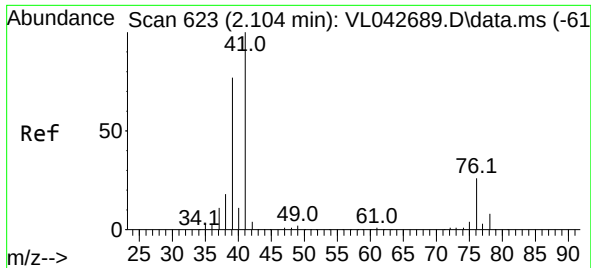
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#20
Methylene Chloride
Concen: 7.728 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

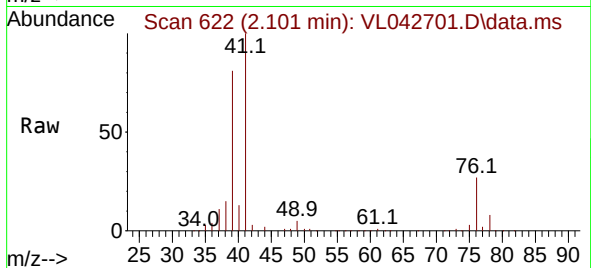
Tgt Ion: 84 Resp: 35728
Ion Ratio Lower Upper
84 100
49 158.5 128.6 193.0
51 45.8 37.4 56.2
86 63.5 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.280 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

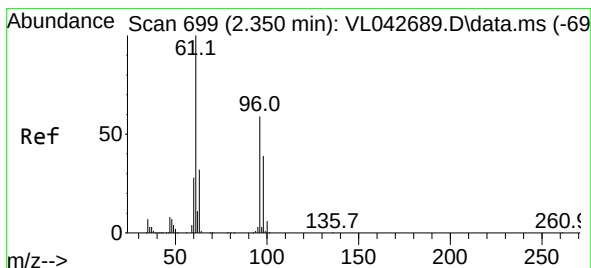
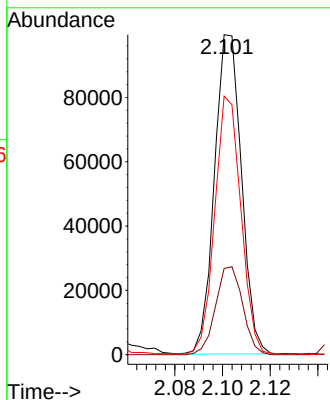
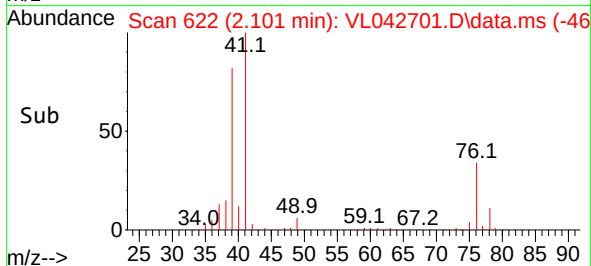
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01



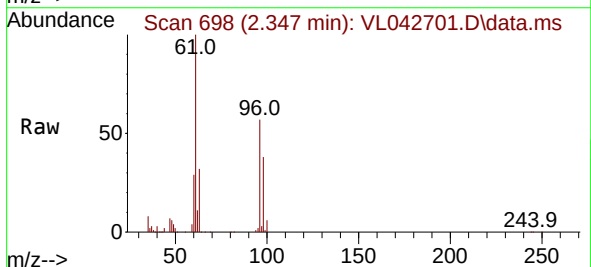
Tgt Ion: 41 Resp: 7826
 Ion Ratio Lower Upper
 41 100
 76 27.6 21.7 32.5
 39 78.0 63.4 95.2

Manual Integrations
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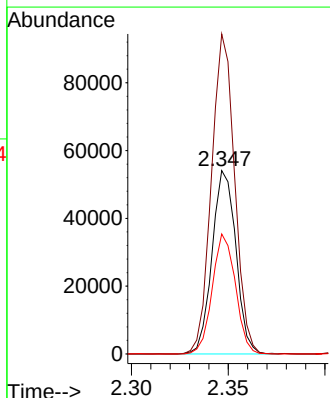
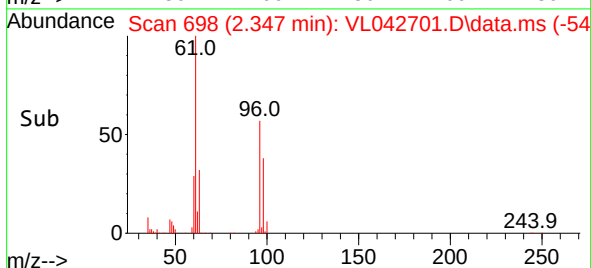
Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

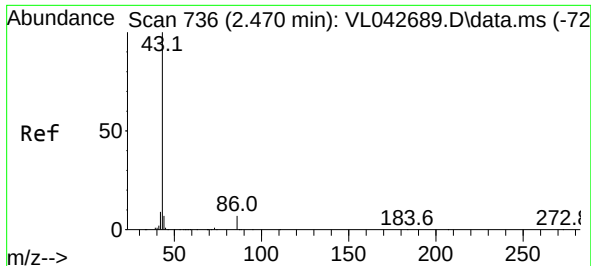


#22
 trans-1,2-Dichloroethene
 Concen: 8.985 ppbv
 RT: 2.347 min Scan# 698
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05



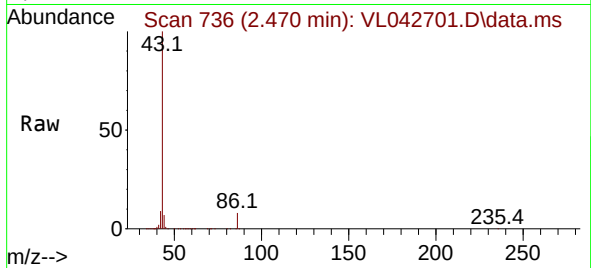
Tgt Ion: 96 Resp: 46313
 Ion Ratio Lower Upper
 96 100
 61 174.5 136.5 204.7
 98 65.4 53.5 80.3





#23
 Vinyl Acetate
 Concen: 10.432 ppbv
 RT: 2.470 min Scan# 719
 Delta R.T. -0.000 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

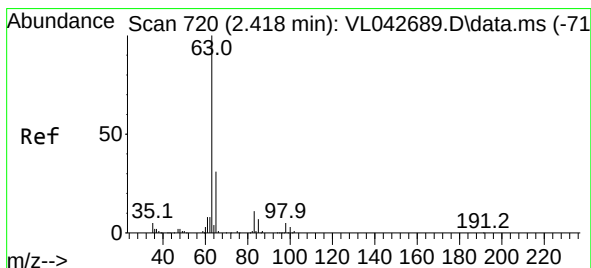
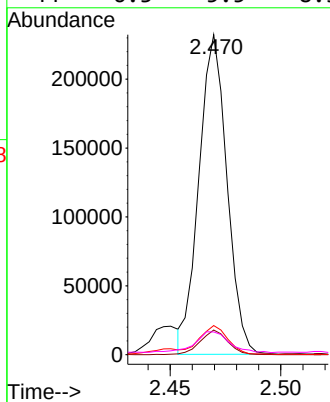
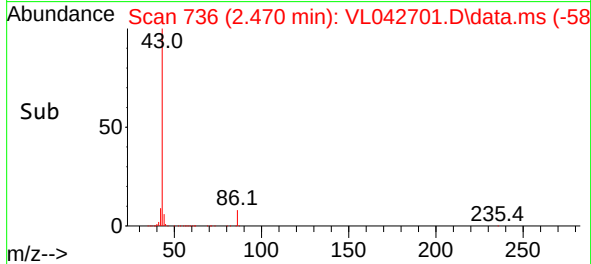
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01



Tgt Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.8	8.6
42	9.0	7.2	10.8
44	6.3	5.5	8.3

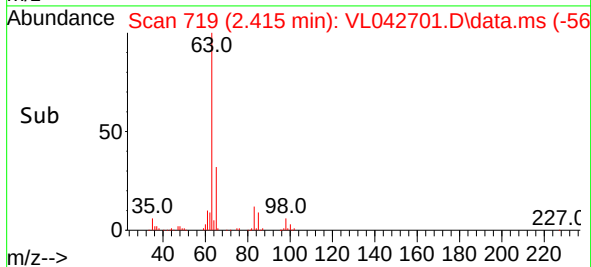
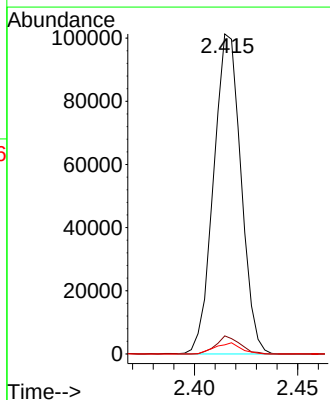
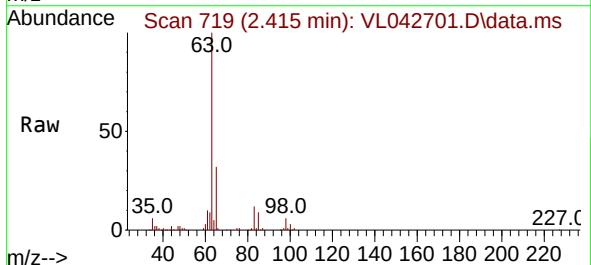
Manual Integrations
 APPROVED

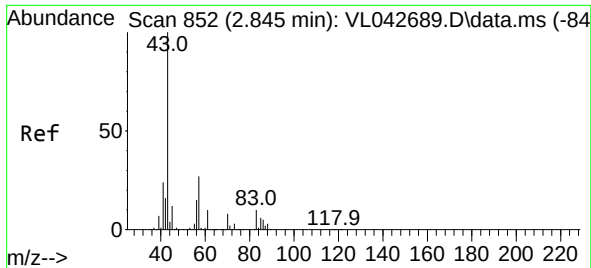
Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#24
 1,1-Dichloroethane
 Concen: 8.772 ppbv
 RT: 2.415 min Scan# 719
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

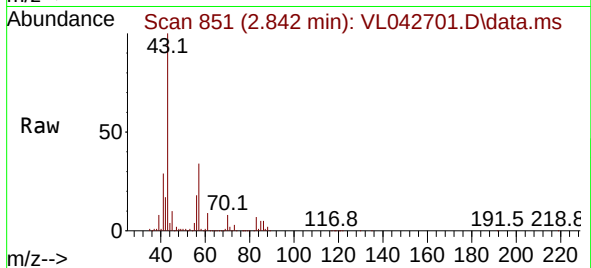
Tgt Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.5	7.6
100	2.8	1.7	5.0





#25
Ethyl Acetate
Concen: 9.862 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

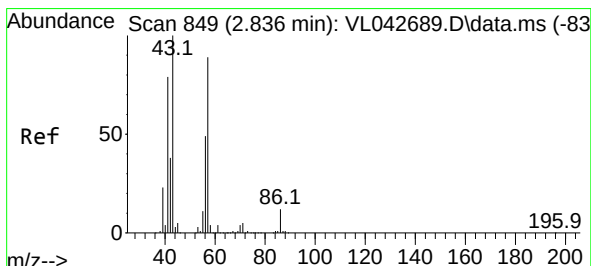
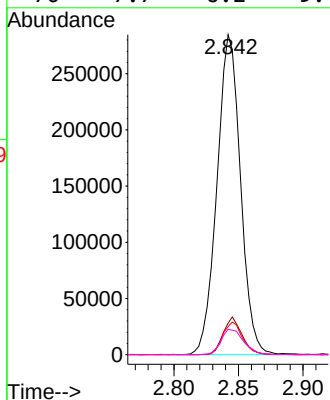
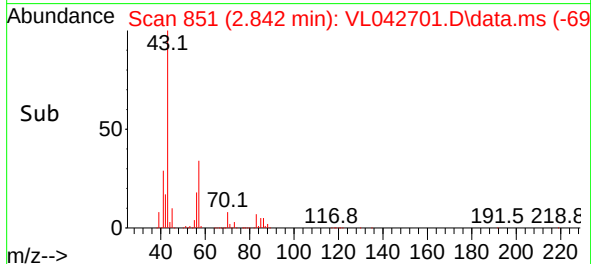
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



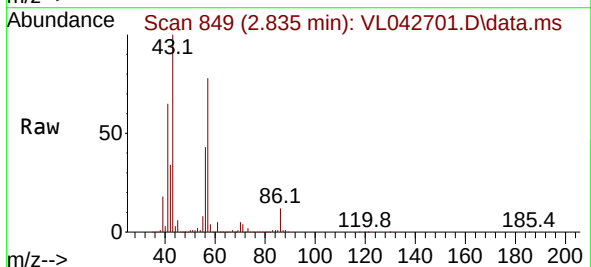
Tgt Ion: 43 Resp: 360682
Ion Ratio Lower Upper
43 100
45 9.6 8.1 12.1
61 8.6 7.0 10.6
70 7.7 6.2 9.4

Manual Integrations
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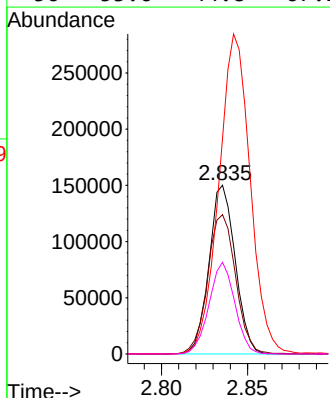
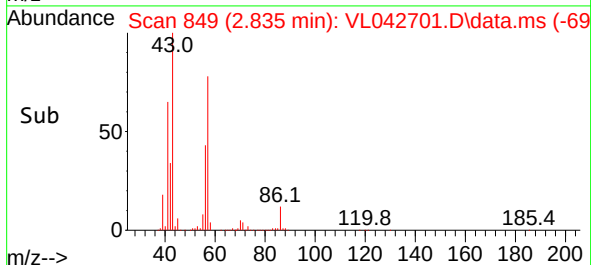
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

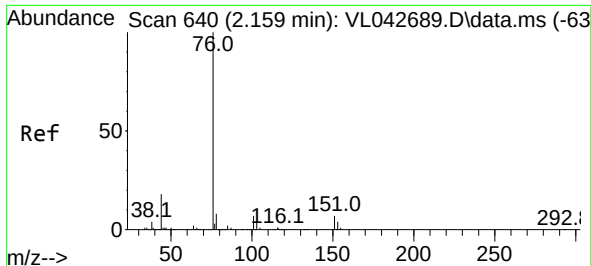


#26
Hexane
Concen: 10.396 ppbv
RT: 2.835 min Scan# 849
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



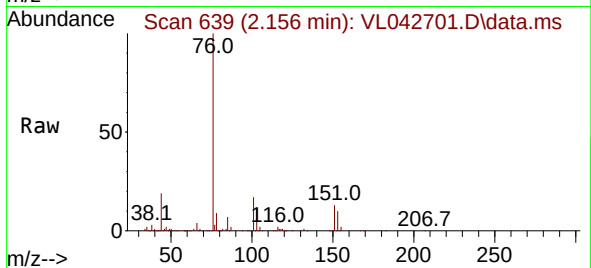
Tgt Ion: 57 Resp: 158622
Ion Ratio Lower Upper
57 100
41 88.9 73.7 110.5
43 227.2 190.6 285.8
56 53.6 44.8 67.2





#27
Carbon Disulfide
Concen: 9.378 ppbv
RT: 2.156 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

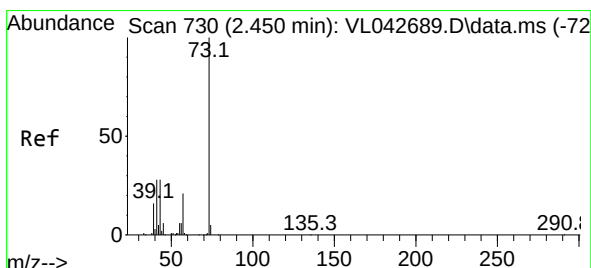
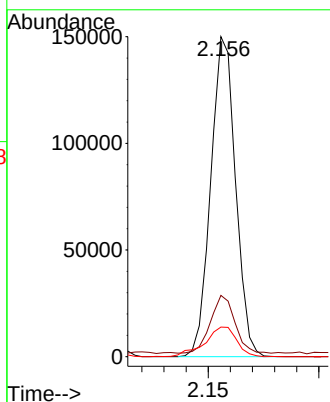
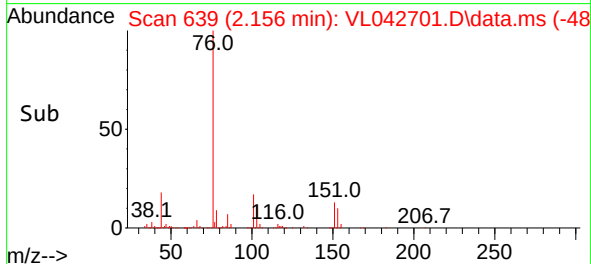
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



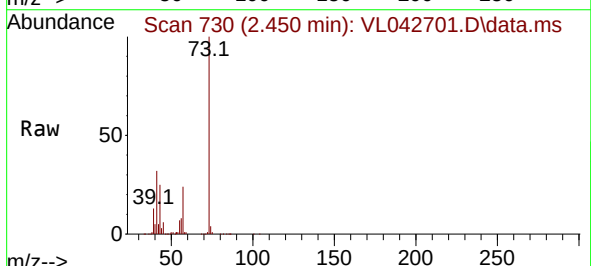
Tgt Ion: 76 Resp: 11668
Ion Ratio Lower Upper
76 100
44 18.1 15.6 23.4
78 12.0 9.2 13.8

Manual Integrations
APPROVED

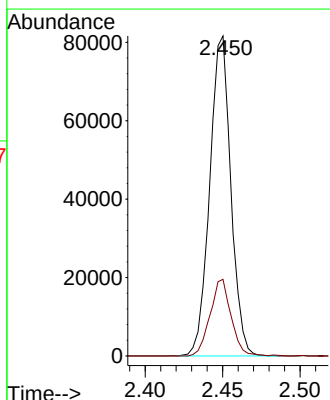
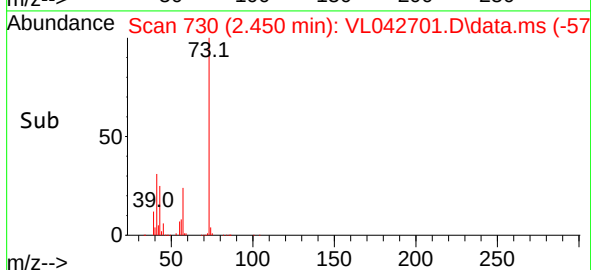
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

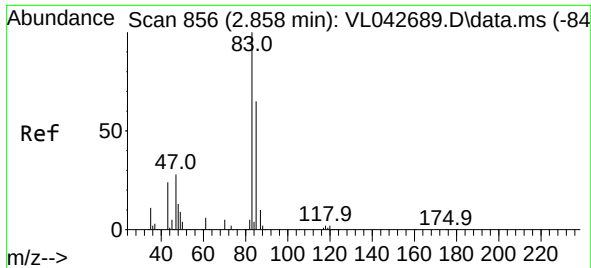


#28
Methyl tert-Butyl Ether
Concen: 12.379 ppbv
RT: 2.450 min Scan# 730
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion: 73 Resp: 77286
Ion Ratio Lower Upper
73 100
57 23.9 19.3 28.9





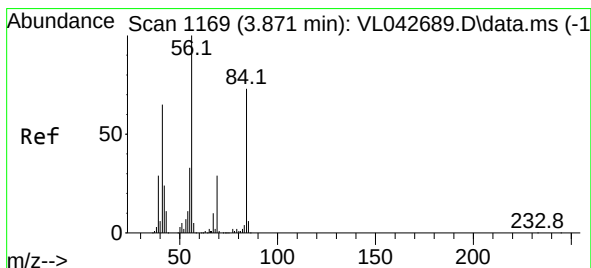
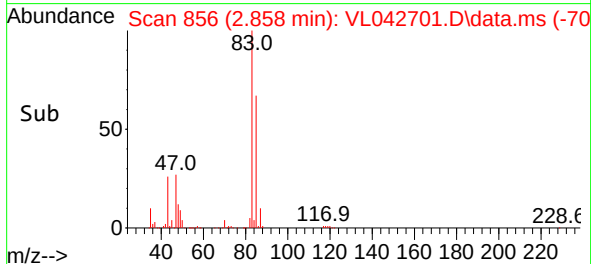
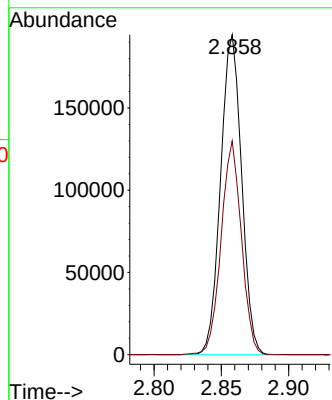
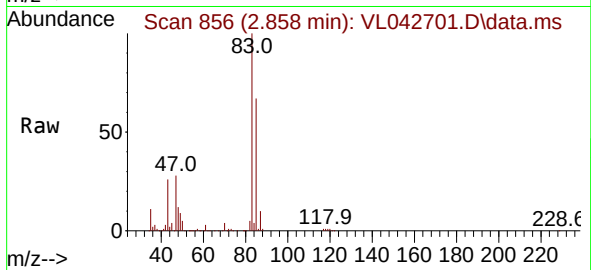
#29
Chloroform
Concen: 9.143 ppbv
RT: 2.858 min Scan# 856
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 83 Resp: 210730
Ion Ratio Lower Upper
83 100
85 66.8 52.4 78.6

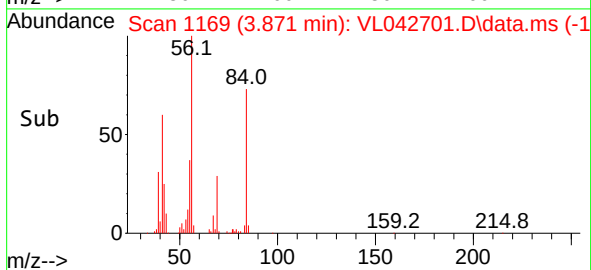
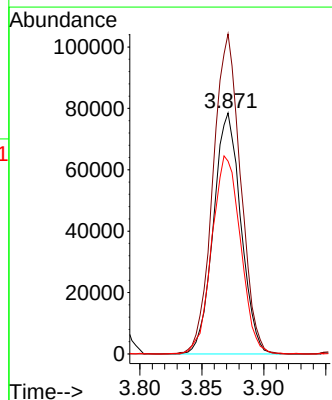
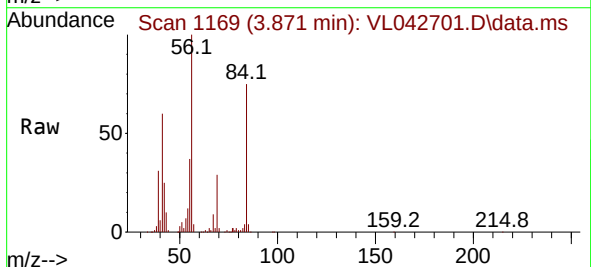
Manual Integrations
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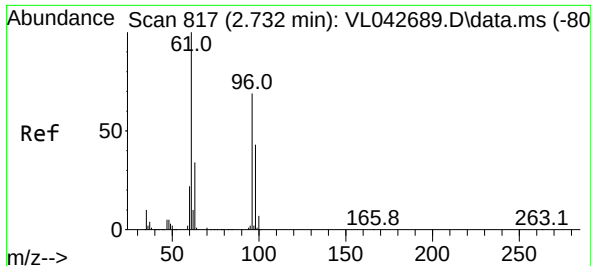
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#30
Cyclohexane
Concen: 10.511 ppbv
RT: 3.871 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

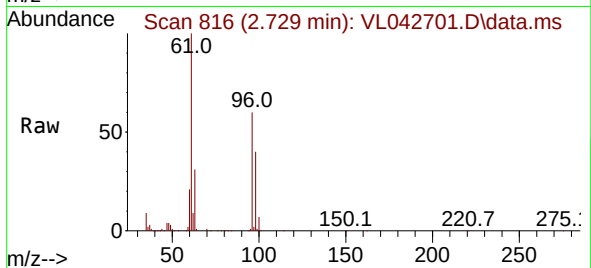
Tgt Ion: 84 Resp: 120924
Ion Ratio Lower Upper
84 100
56 133.7 110.4 165.6
41 86.2 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.736 ppbv
 RT: 2.729 min Scan# 817
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

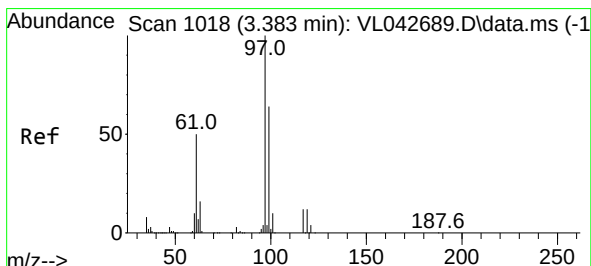
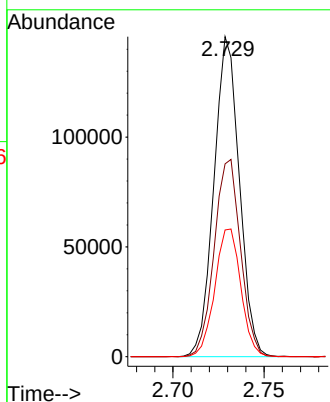
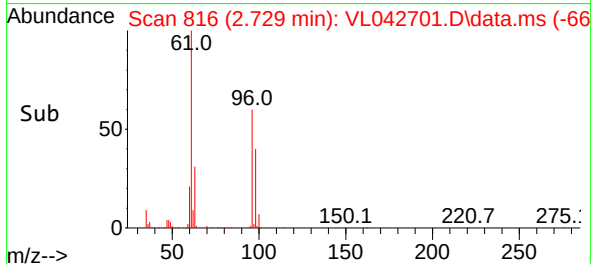
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01



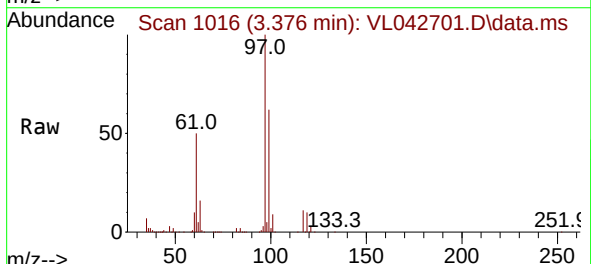
Tgt Ion: 61 Resp: 141397
 Ion Ratio Lower Upper
 61 100
 96 60.3 54.8 82.2
 98 39.6 34.7 52.1

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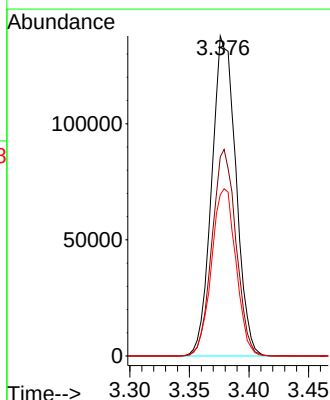
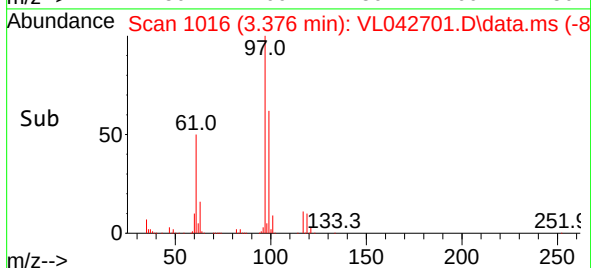
Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

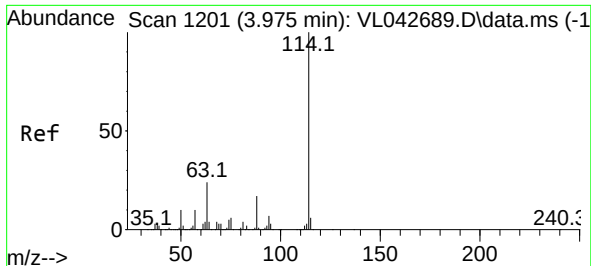


#32
 1,1,1-Trichloroethane
 Concen: 8.780 ppbv
 RT: 3.376 min Scan# 1016
 Delta R.T. -0.007 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05



Tgt Ion: 97 Resp: 194157
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.4 77.0
 61 52.9 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

Tgt Ion:114 Resp: 29490

Ion Ratio Lower Upper

114 100

63 25.8 20.4 30.6

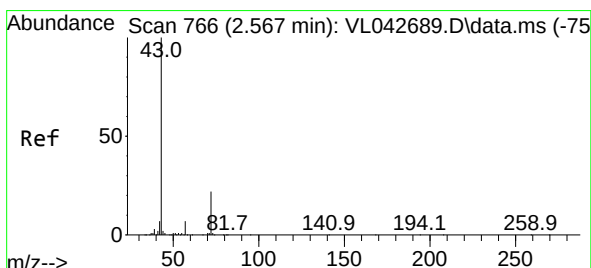
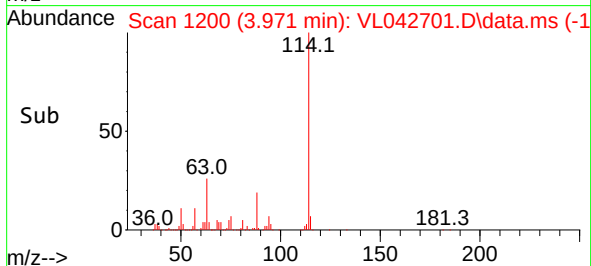
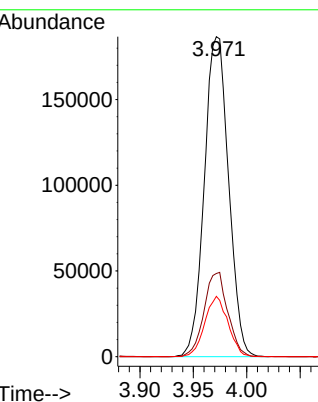
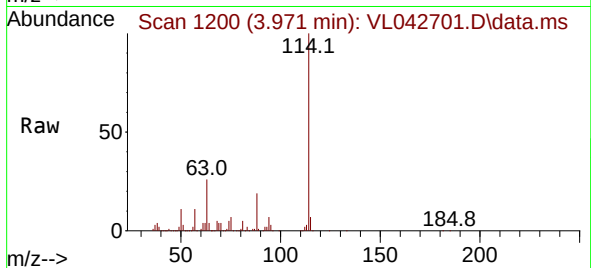
88 18.1 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#34

2-Butanone

Concen: 10.037 ppbv

RT: 2.564 min Scan# 765

Delta R.T. -0.003 min

Lab File: VL042701.D

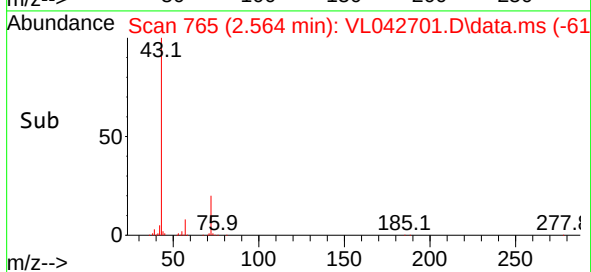
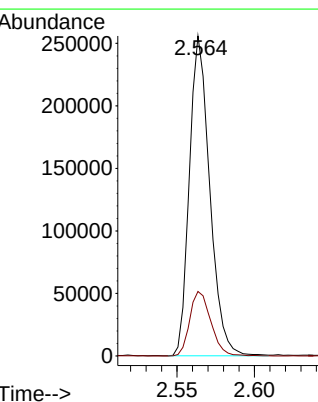
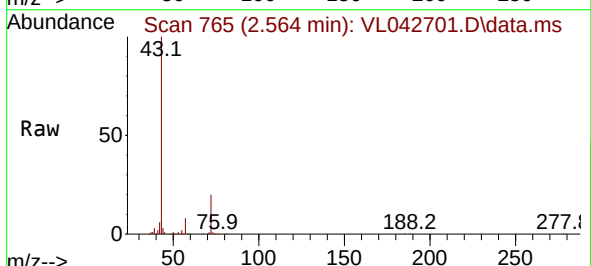
Acq: 03 Jul 2025 10:05

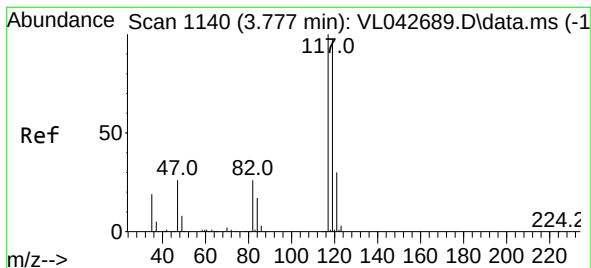
Tgt Ion: 43 Resp: 234275

Ion Ratio Lower Upper

43 100

72 20.9 17.1 25.7





#35

Carbon Tetrachloride

Concen: 9.347 ppbv

RT: 3.774 min Scan# 1139

Delta R.T. -0.003 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

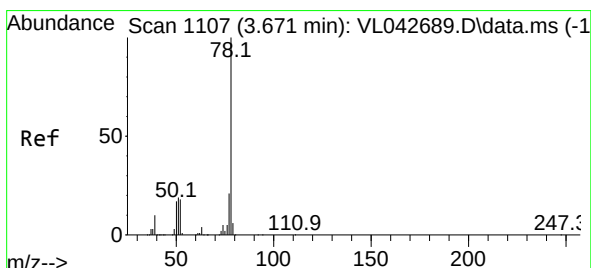
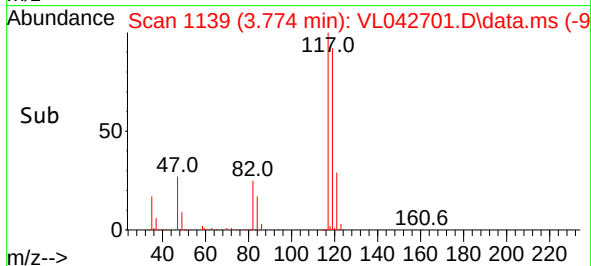
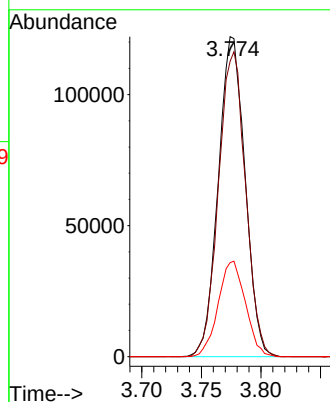
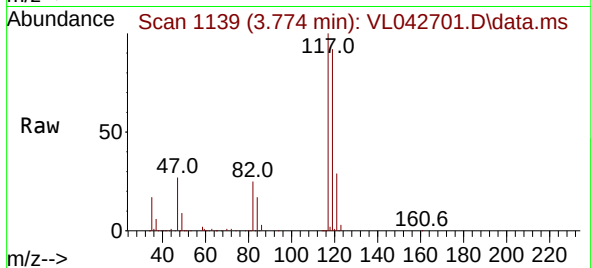
Tgt Ion: 117 Resp: 19073

Ion	Ratio	Lower	Upper
117	100		
119	92.3	77.6	116.4
121	29.4	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#36

Benzene

Concen: 9.970 ppbv

RT: 3.670 min Scan# 1107

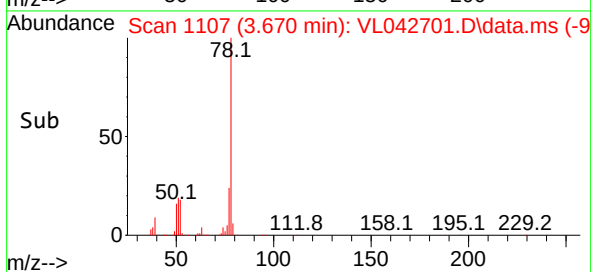
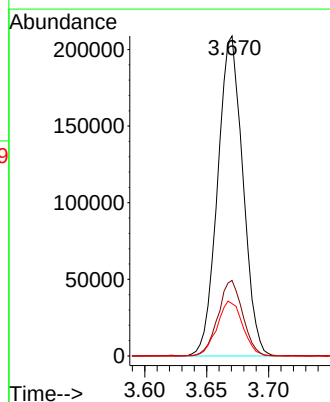
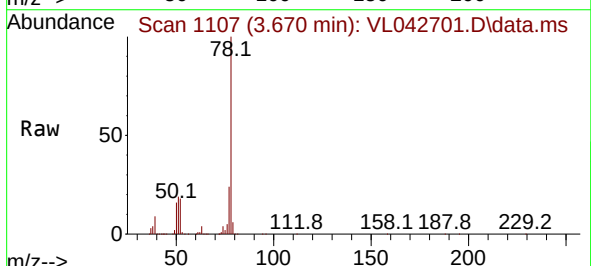
Delta R.T. -0.000 min

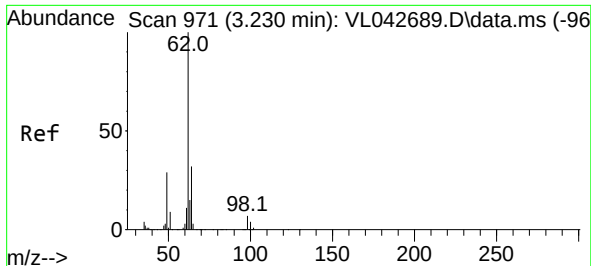
Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion: 78 Resp: 296341

Ion	Ratio	Lower	Upper
78	100		
77	23.6	17.0	25.4
50	16.3	13.7	20.5





#37

1,2-Dichloroethane

Concen: 9.641 ppbv

RT: 3.230 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

Tgt Ion: 62 Resp: 15218

Ion Ratio Lower Upper

62 100

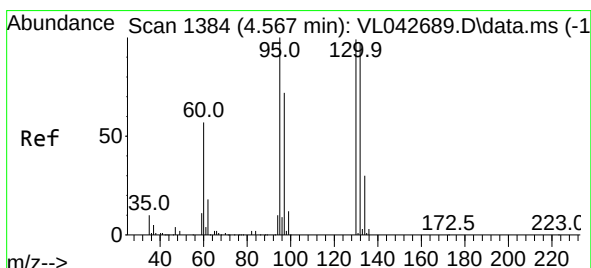
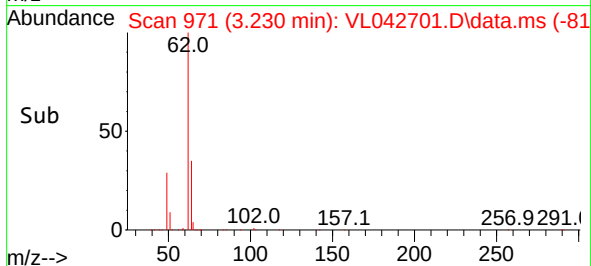
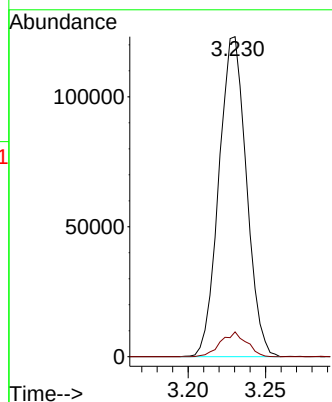
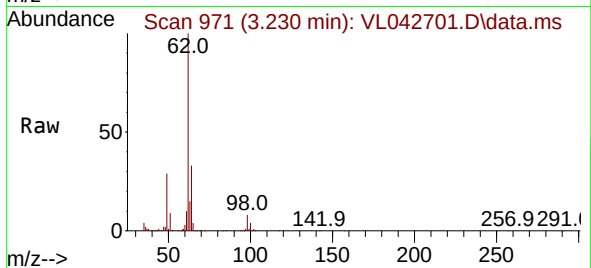
98 7.3 5.8 8.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#38

Trichloroethene

Concen: 8.971 ppbv

RT: 4.564 min Scan# 1383

Delta R.T. -0.003 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion:130 Resp: 115195

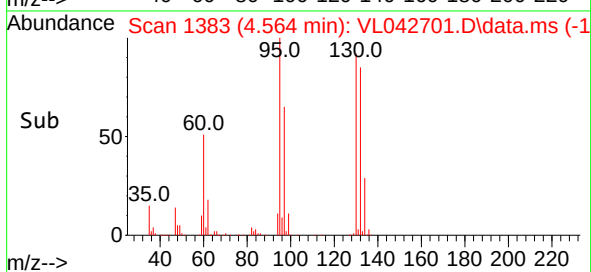
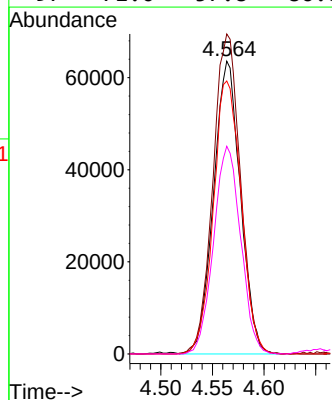
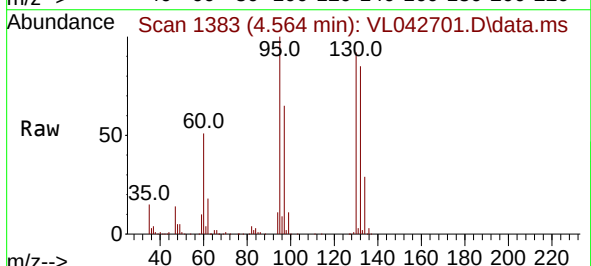
Ion Ratio Lower Upper

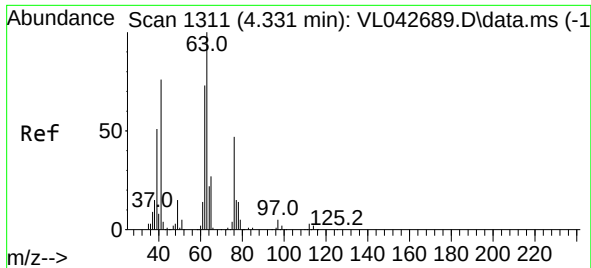
130 100

95 109.1 81.1 121.7

132 93.2 77.9 116.9

97 71.0 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.968 ppbv

RT: 4.327 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

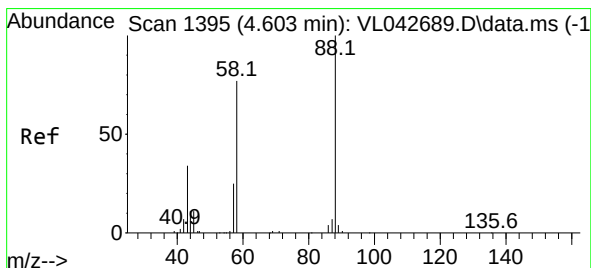
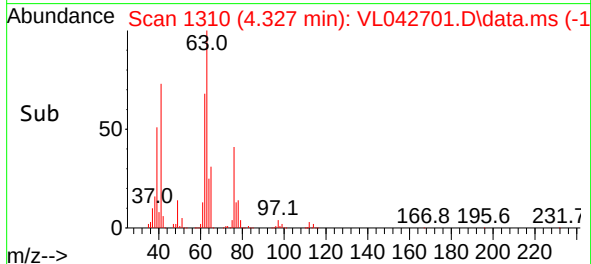
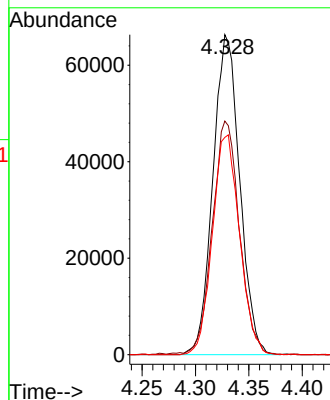
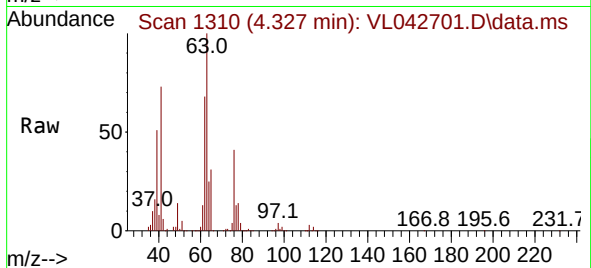
Tgt Ion: 63 Resp: 11554

Ion	Ratio	Lower	Upper
63	100		
41	72.8	60.8	91.2
62	67.9	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#40

1,4-Dioxane

Concen: 10.427 ppbv

RT: 4.596 min Scan# 1393

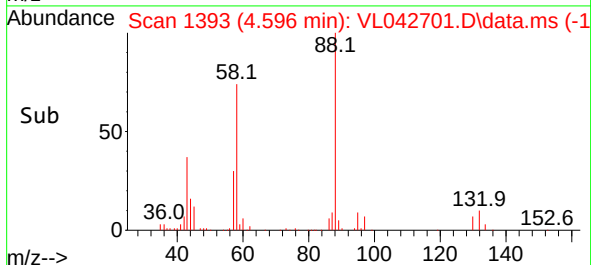
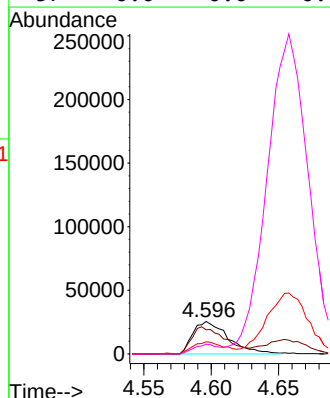
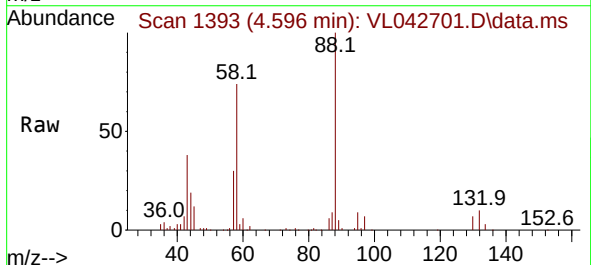
Delta R.T. -0.007 min

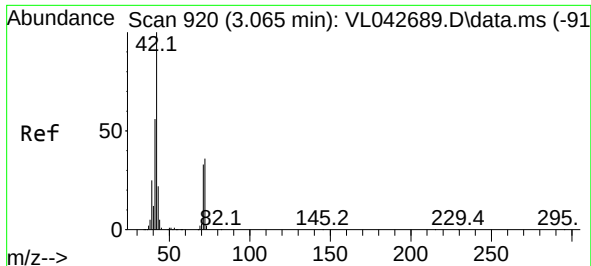
Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion: 88 Resp: 46836

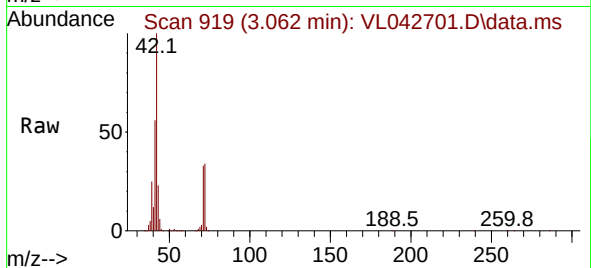
Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.1	93.1
43	36.0	26.2	39.2
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 11.005 ppbv
RT: 3.062 min Scan# 919
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

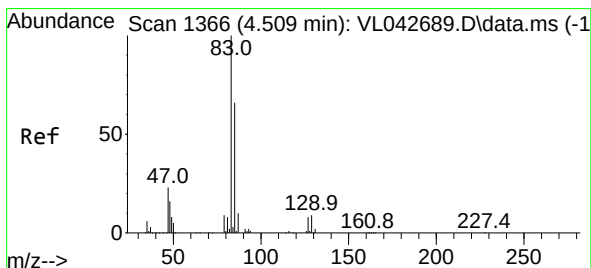
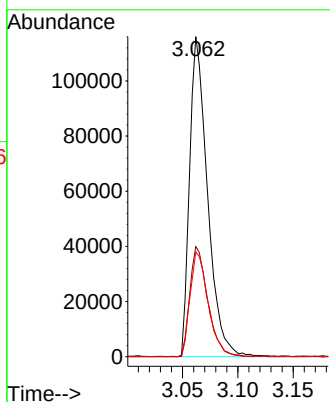
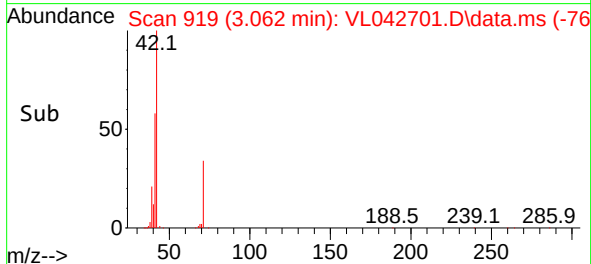
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



Tgt Ion: 42 Resp: 130900
Ion Ratio Lower Upper
42 100
72 34.5 28.2 42.4
71 33.0 25.4 38.0

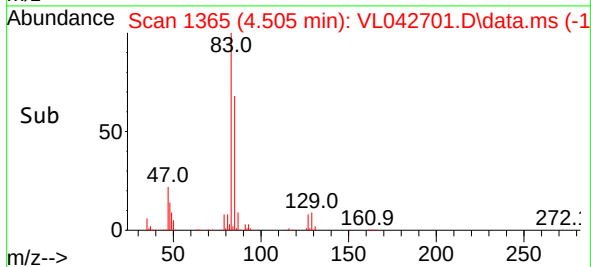
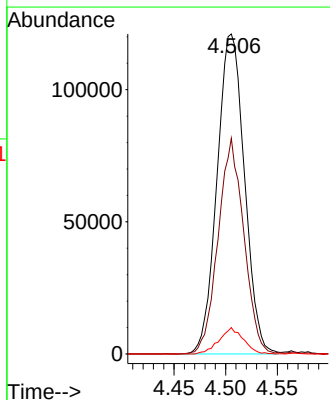
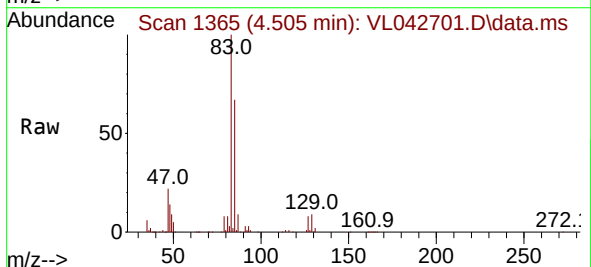
Manual Integrations
APPROVED

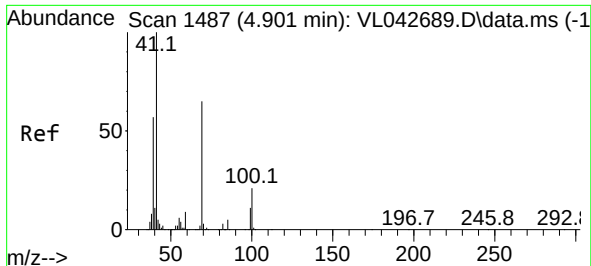
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#42
Bromodichloromethane
Concen: 10.017 ppbv
RT: 4.505 min Scan# 1365
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

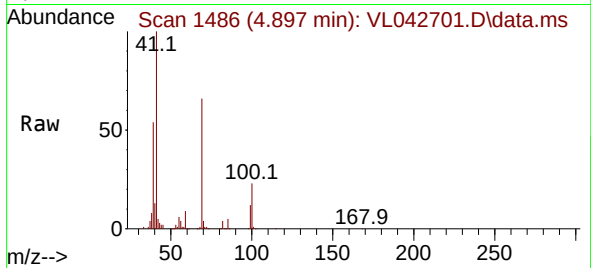
Tgt Ion: 83 Resp: 223978
Ion Ratio Lower Upper
83 100
85 67.4 52.5 78.7
127 8.2 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.366 ppbv
RT: 4.897 min Scan# 1486
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

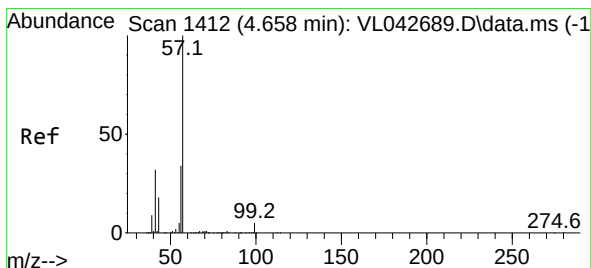
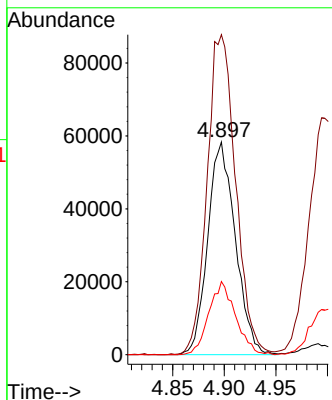
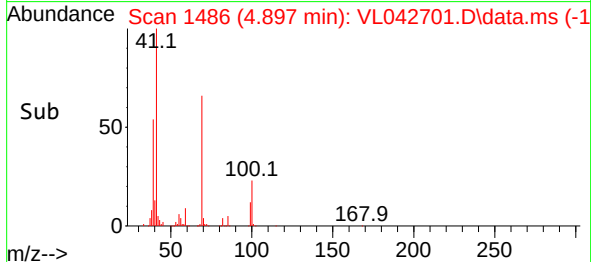
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



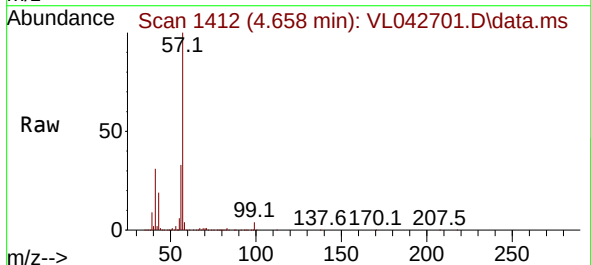
Tgt Ion: 69 Resp: 108639
Ion Ratio Lower Upper
69 100
41 155.3 125.4 188.2
100 33.2 26.4 39.6

Manual Integrations
APPROVED

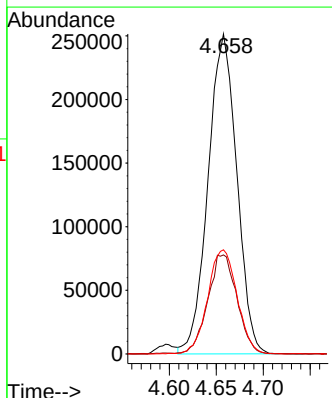
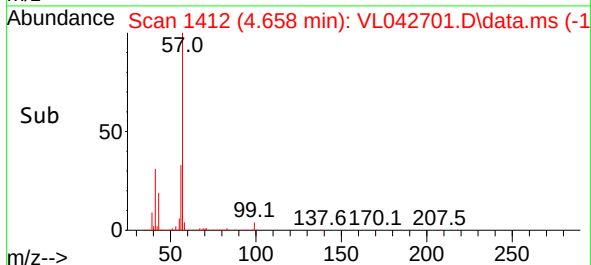
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

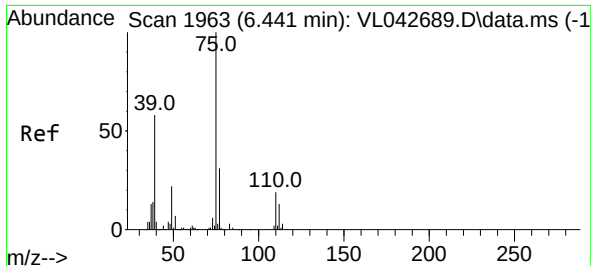


#44
2,2,4-Trimethylpentane
Concen: 10.703 ppbv
RT: 4.658 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion: 57 Resp: 534397
Ion Ratio Lower Upper
57 100
41 31.9 25.2 37.8
56 33.4 26.3 39.5





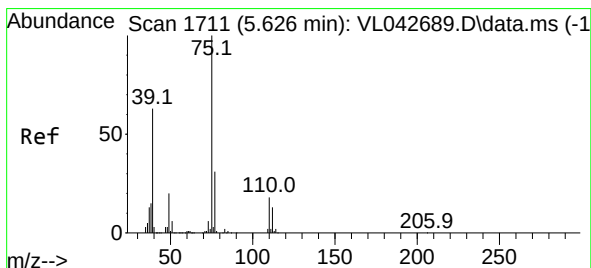
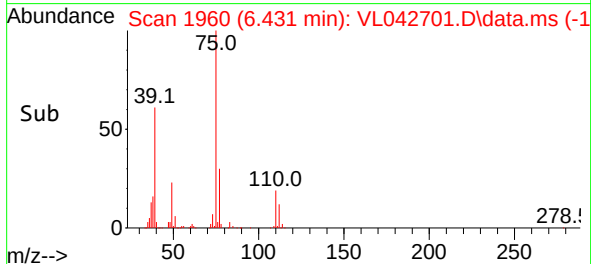
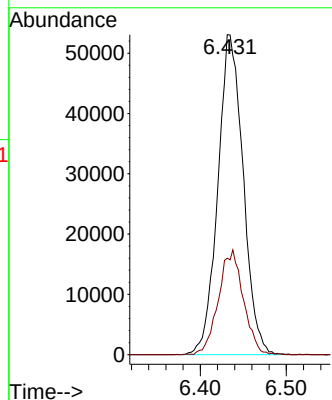
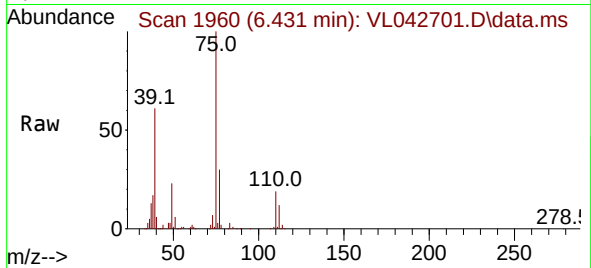
#45
t-1,3-Dichloropropene
Concen: 10.827 ppbv
RT: 6.431 min Scan# 1963
Delta R.T. -0.010 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 75 Resp: 108628
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.4

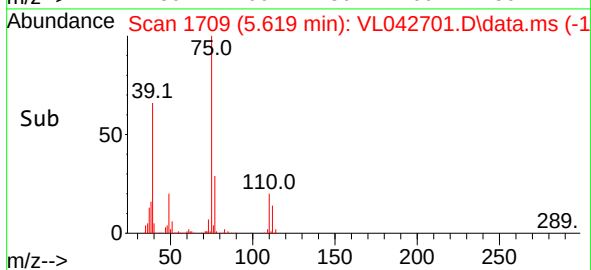
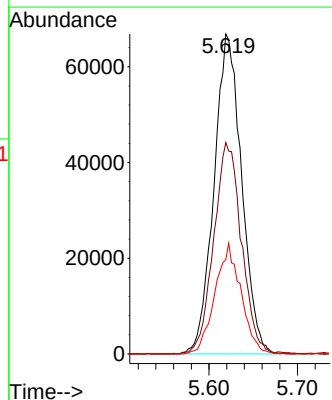
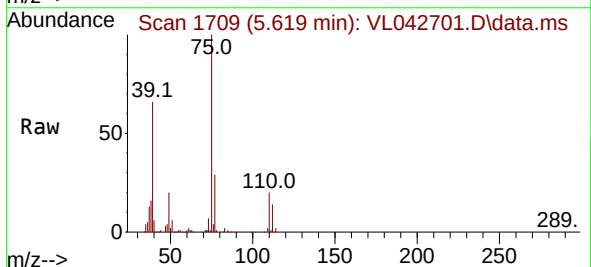
Manual Integrations
APPROVED

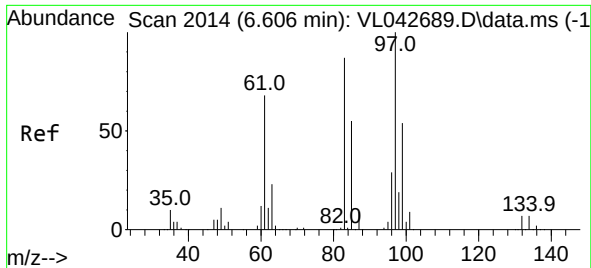
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#46
cis-1,3-Dichloropropene
Concen: 10.459 ppbv
RT: 5.619 min Scan# 1709
Delta R.T. -0.007 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion: 75 Resp: 144794
Ion Ratio Lower Upper
75 100
39 65.9 50.6 75.8
77 29.5 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 10.189 ppbv
RT: 6.600 min Scan# 2014
Delta R.T. -0.007 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

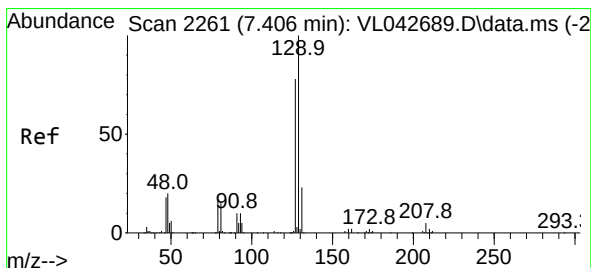
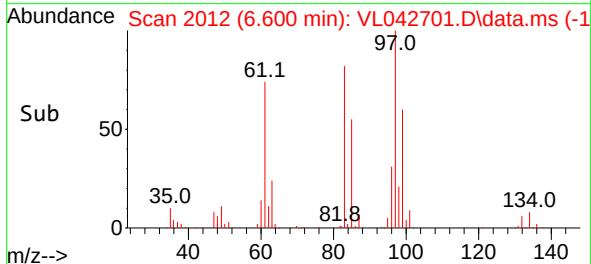
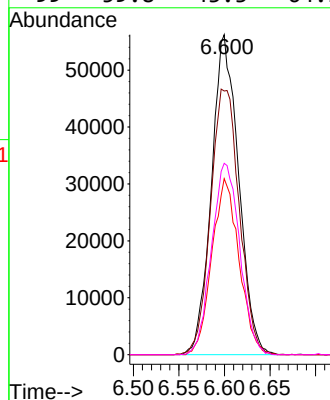
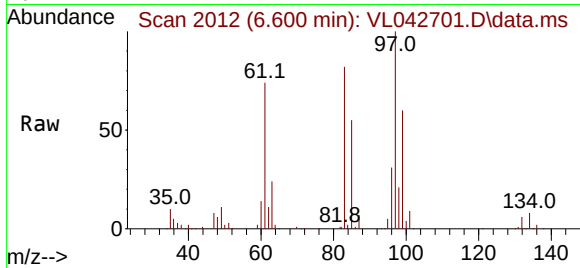
VL0703ABS01

Tgt Ion: 97 Resp: 11632
Ion Ratio Lower Upper
97 100
83 82.4 69.3 103.9
85 55.0 43.7 65.5
99 59.8 43.3 64.9

Manual Integrations

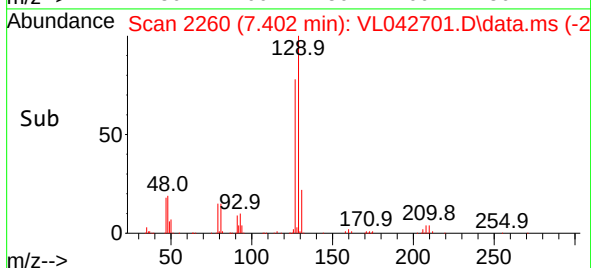
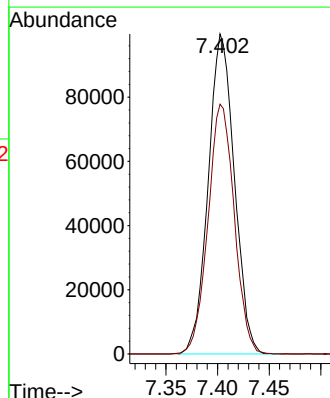
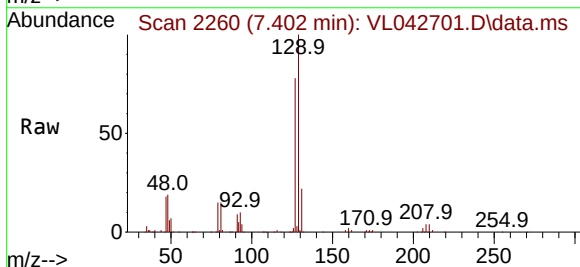
APPROVED

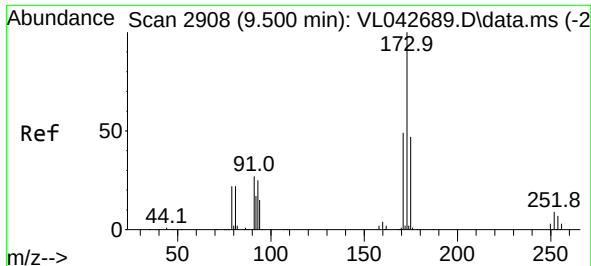
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#48
Dibromochloromethane
Concen: 10.051 ppbv
RT: 7.402 min Scan# 2260
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

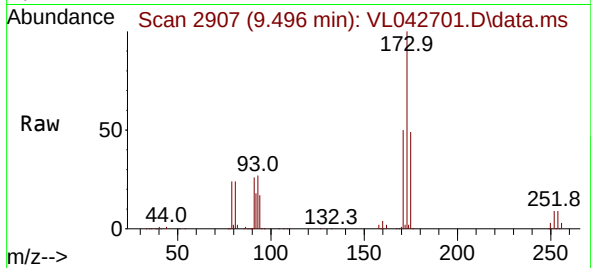
Tgt Ion:129 Resp: 175715
Ion Ratio Lower Upper
129 100
127 78.3 38.3 114.8





#49
Bromoform
Concen: 9.974 ppbv
RT: 9.496 min Scan# 2907
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

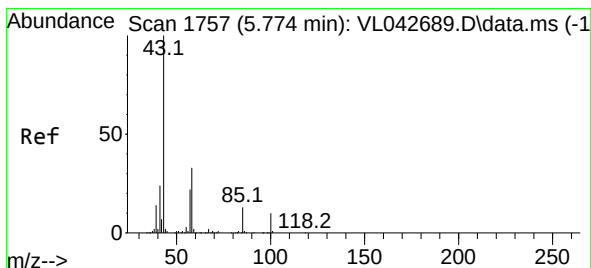
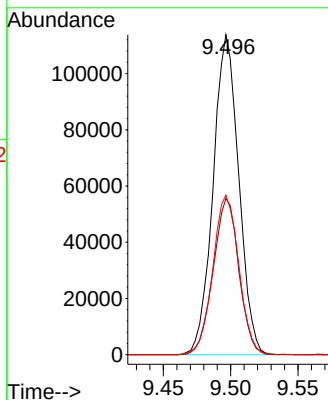
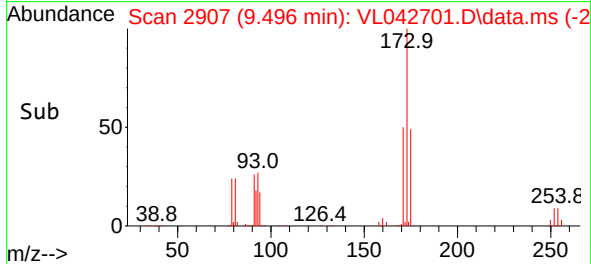
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



Tgt Ion:173 Resp: 150590
Ion Ratio Lower Upper
173 100
175 48.9 38.6 57.8
171 50.6 40.3 60.5

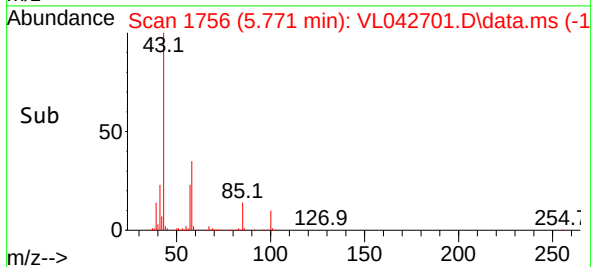
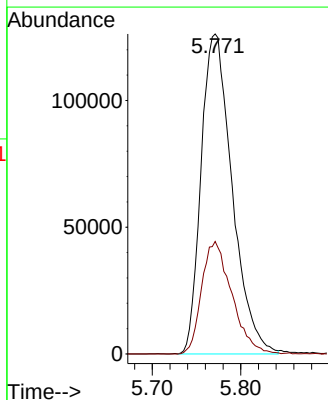
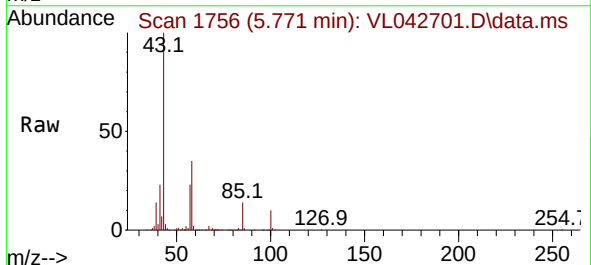
Manual Integrations
APPROVED

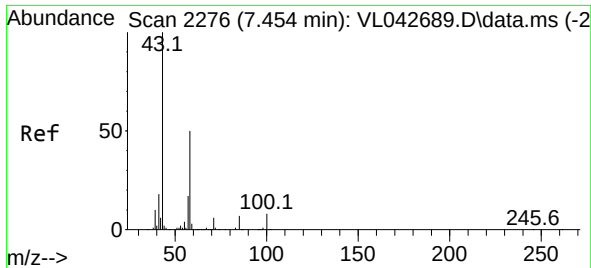
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#50
4-Methyl-2-Pentanone
Concen: 11.262 ppbv
RT: 5.771 min Scan# 1756
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

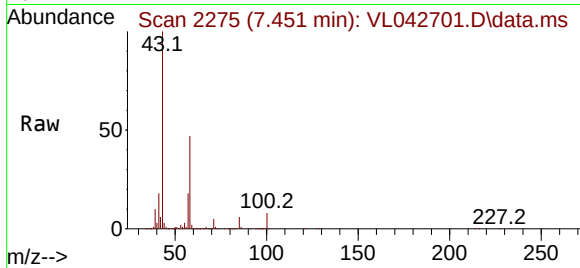
Tgt Ion: 43 Resp: 307810
Ion Ratio Lower Upper
43 100
58 34.2 27.5 41.3





#51
2-Hexanone
Concen: 12.109 ppbv
RT: 7.451 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

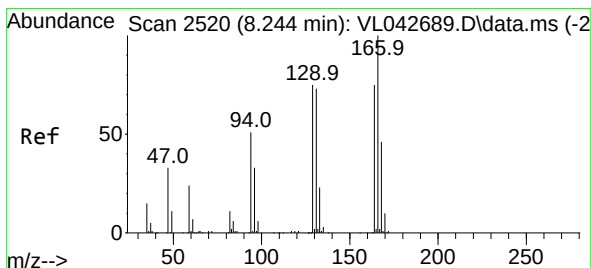
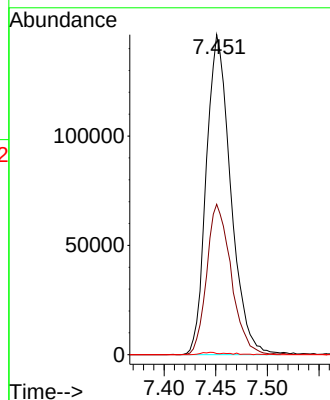
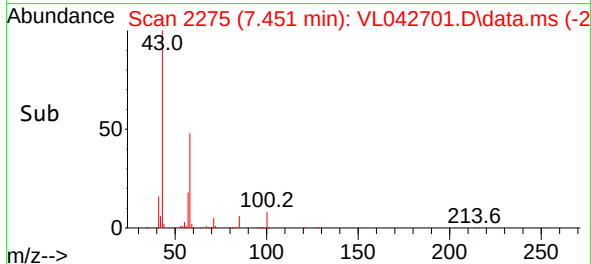
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



Tgt Ion: 43 Resp: 240804
Ion Ratio Lower Upper
43 100
58 47.2 38.6 57.8
98 0.8 0.6 1.0

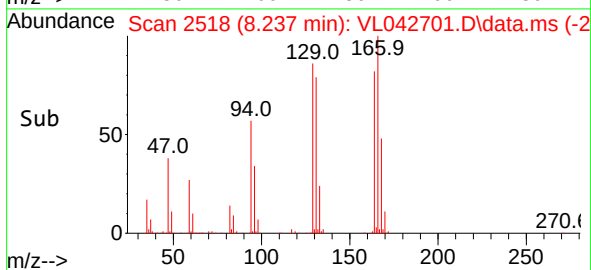
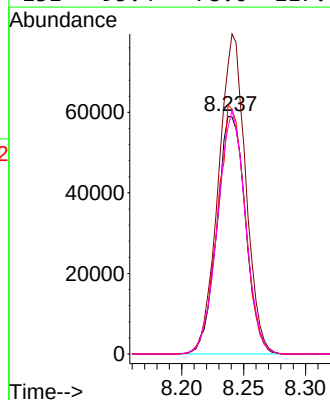
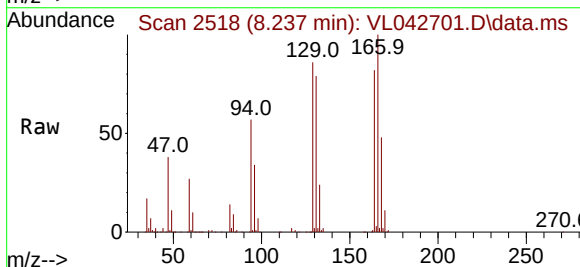
Manual Integrations
APPROVED

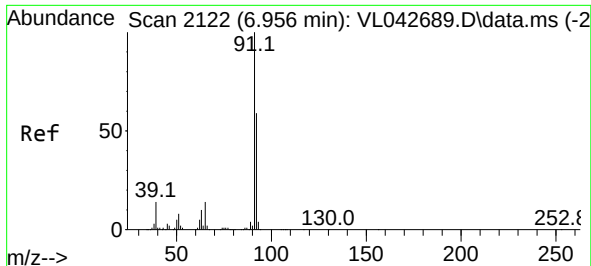
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#52
Tetrachloroethene
Concen: 9.557 ppbv
RT: 8.237 min Scan# 2518
Delta R.T. -0.007 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

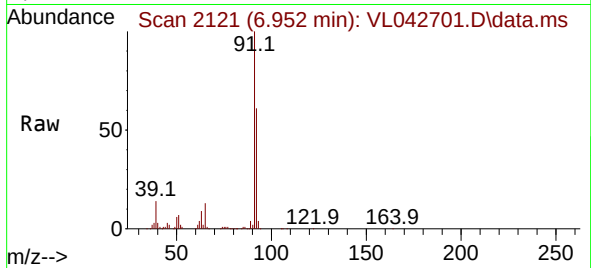
Tgt Ion:164 Resp: 94949
Ion Ratio Lower Upper
164 100
166 121.3 106.6 160.0
129 104.7 79.8 119.6
131 95.4 78.0 117.0





#53
Toluene
Concen: 11.345 ppbv
RT: 6.952 min Scan# 2121
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

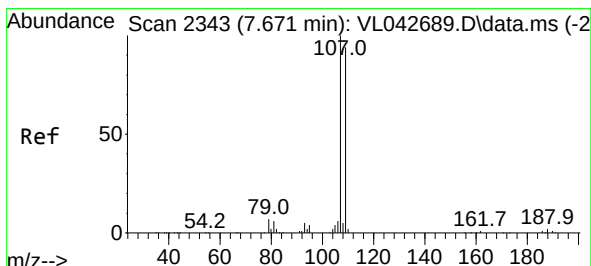
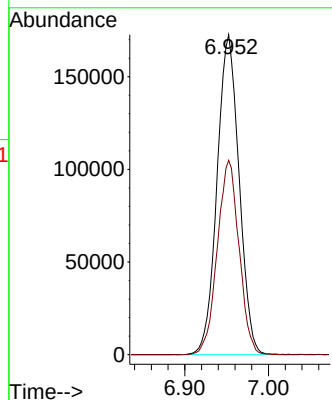
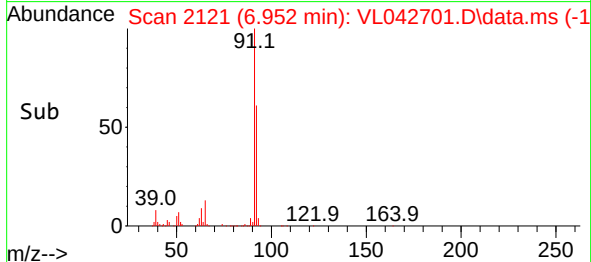
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



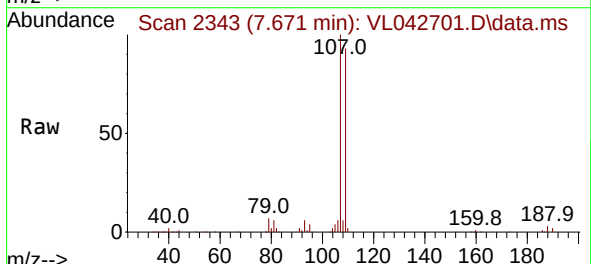
Tgt Ion: 91 Resp: 31483
Ion Ratio Lower Upper
91 100
92 60.0 47.4 71.2

Manual Integrations
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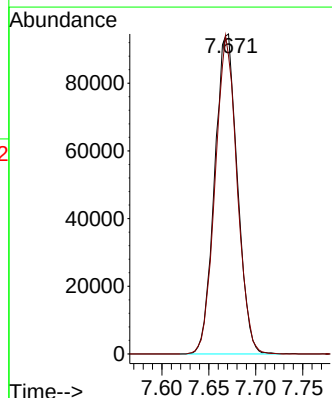
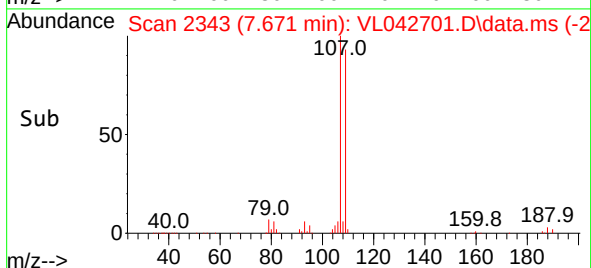
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

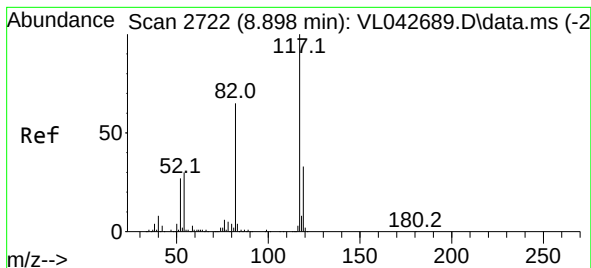


#54
1,2-Dibromoethane
Concen: 9.998 ppbv
RT: 7.671 min Scan# 2343
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion:107 Resp: 159118
Ion Ratio Lower Upper
107 100
109 93.2 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

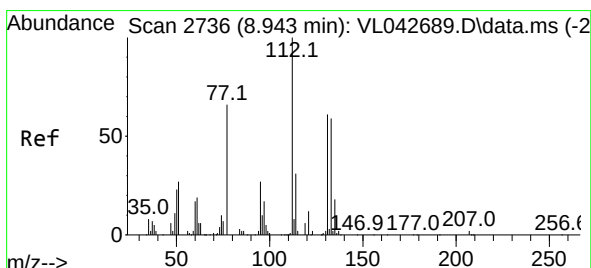
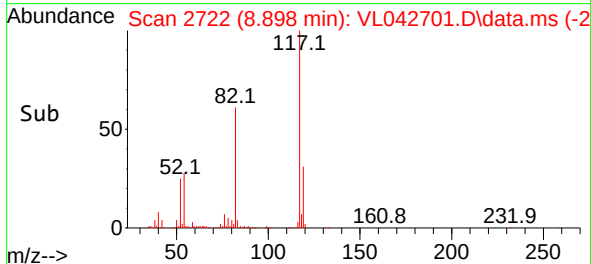
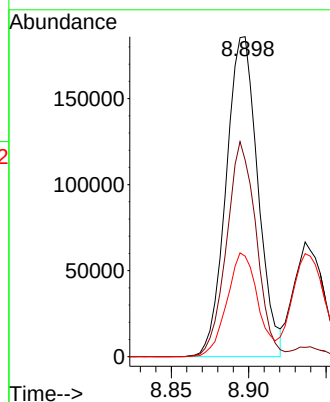
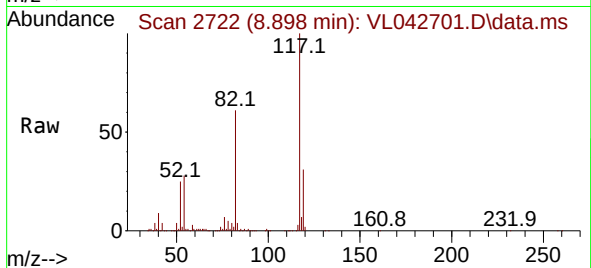
Tgt Ion:117 Resp: 266088

Ion	Ratio	Lower	Upper
117	100		
82	65.7	53.4	80.2
119	30.9	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 9.368 ppbv

RT: 8.940 min Scan# 2735

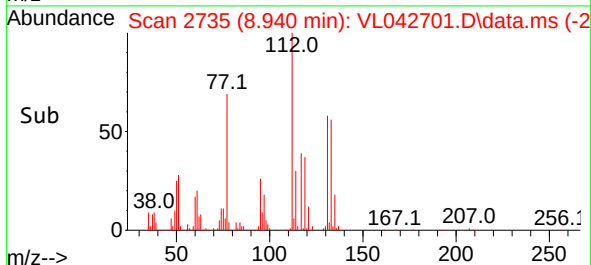
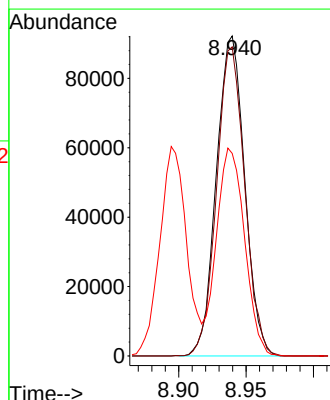
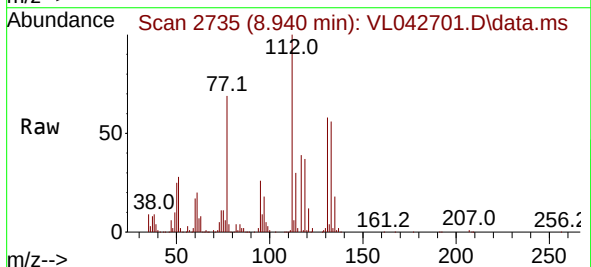
Delta R.T. -0.003 min

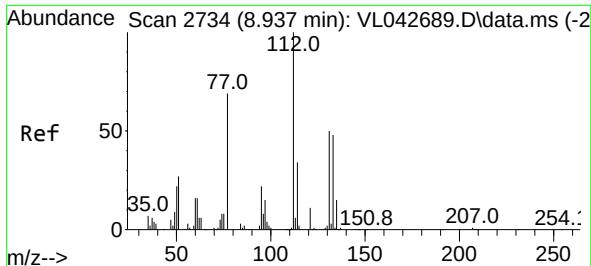
Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion:131 Resp: 134792

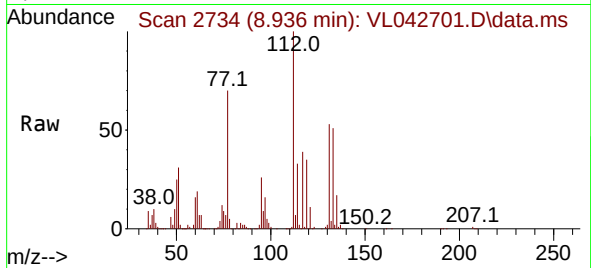
Ion	Ratio	Lower	Upper
131	100		
133	95.7	77.3	115.9
119	63.1	52.6	78.8





#57
Chlorobenzene
Concen: 9.363 ppbv
RT: 8.936 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

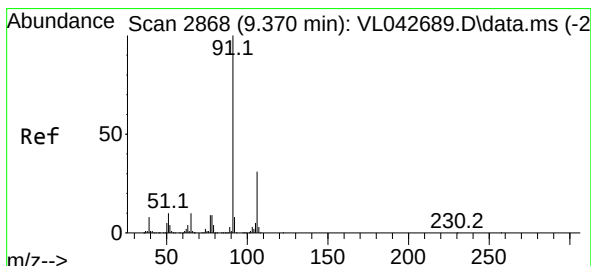
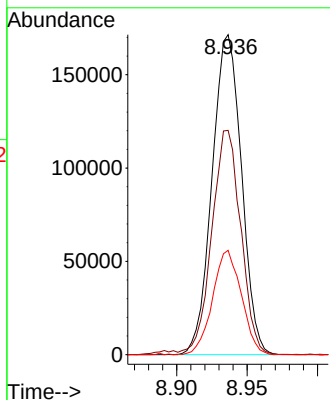
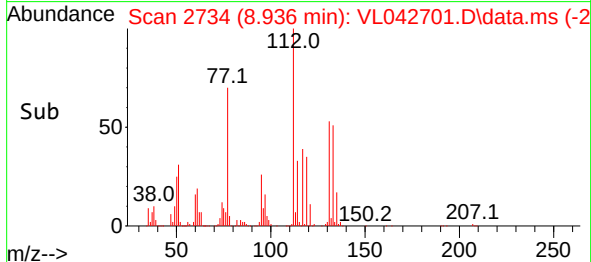
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



Tgt Ion:112 Resp: 24995
Ion Ratio Lower Upper
112 100
77 70.0 56.2 84.4
114 32.6 30.2 37.0

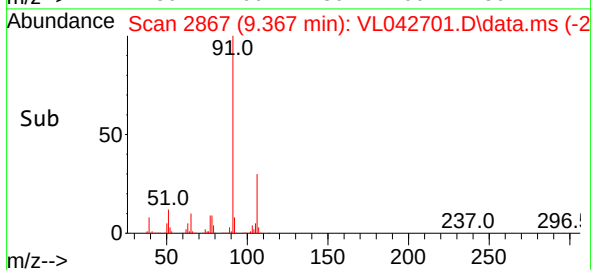
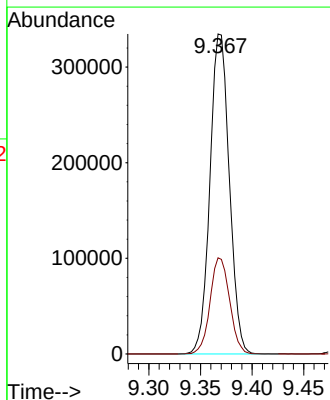
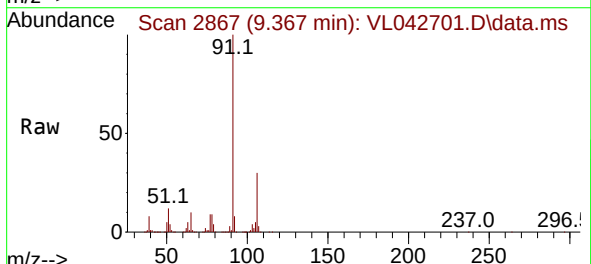
Manual Integrations
APPROVED

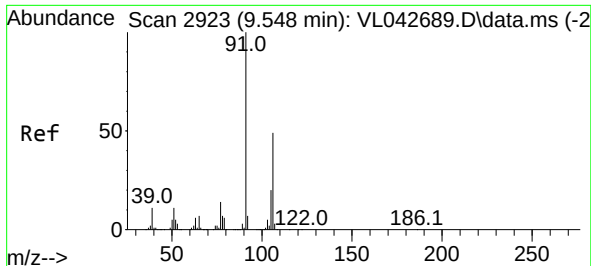
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#58
Ethyl Benzene
Concen: 11.328 ppbv
RT: 9.367 min Scan# 2867
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion: 91 Resp: 435917
Ion Ratio Lower Upper
91 100
106 30.0 24.9 37.3





#59

m/p-Xylene

Concen: 22.284 ppbv m

RT: 9.564 min Scan# 2923

Delta R.T. 0.016 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

Tgt Ion: 91 Resp: 71826

Ion Ratio Lower Upper

91 100

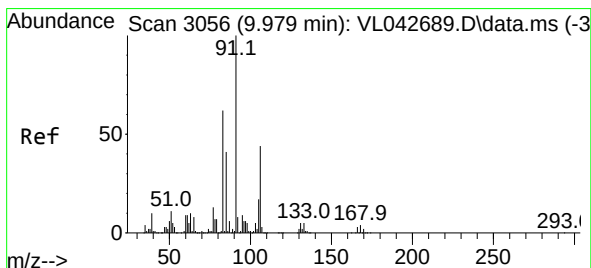
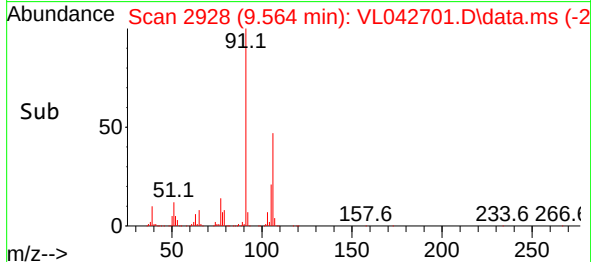
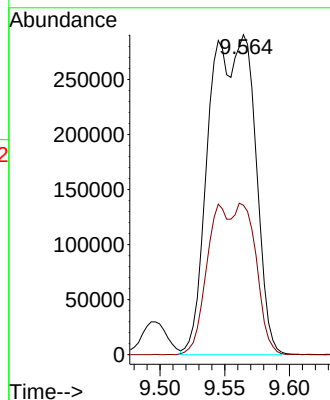
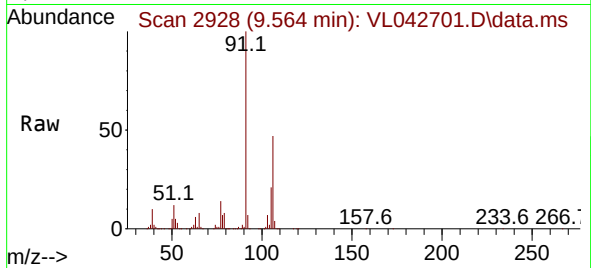
106 0.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#60

o-Xylene

Concen: 11.075 ppbv

RT: 9.979 min Scan# 3056

Delta R.T. -0.000 min

Lab File: VL042701.D

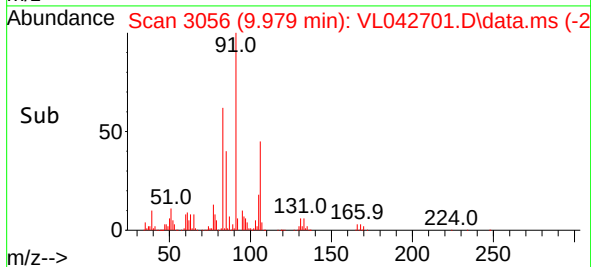
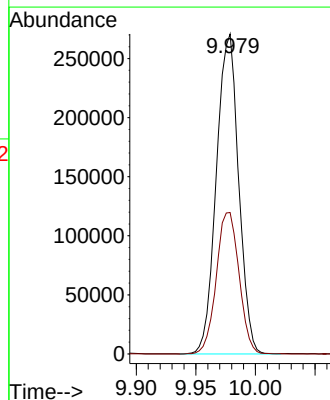
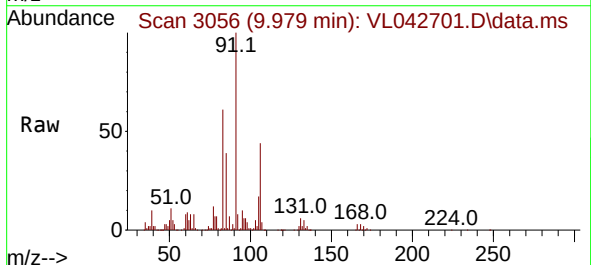
Acq: 03 Jul 2025 10:05

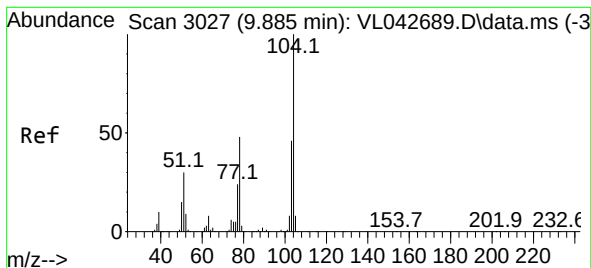
Tgt Ion: 91 Resp: 351150

Ion Ratio Lower Upper

91 100

106 45.3 22.8 68.4





#61

Styrene

Concen: 11.824 ppbv

RT: 9.885 min Scan# 3027

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

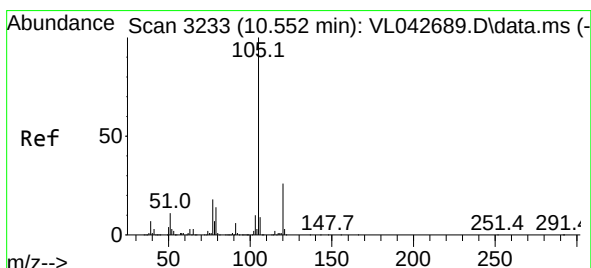
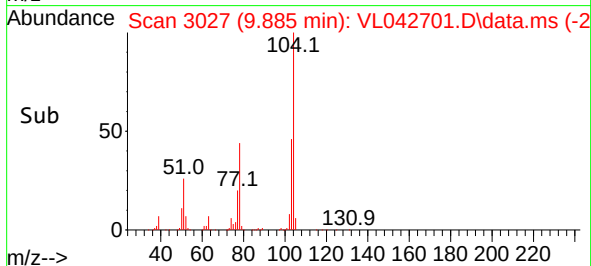
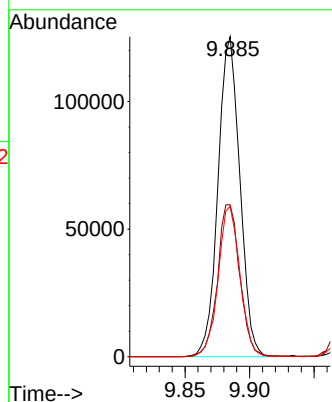
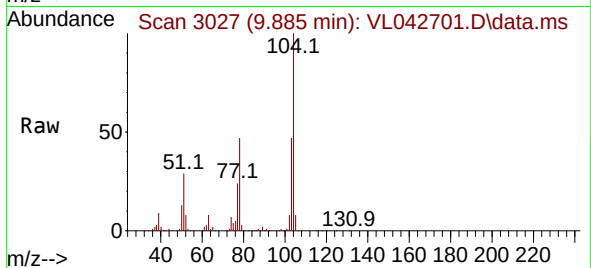
VL0703ABS01

Tgt Ion:104 Resp: 147279
 Ion Ratio Lower Upper
 104 100
 78 48.6 39.0 58.6
 103 46.9 37.4 56.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025



#62

Isopropylbenzene

Concen: 10.621 ppbv

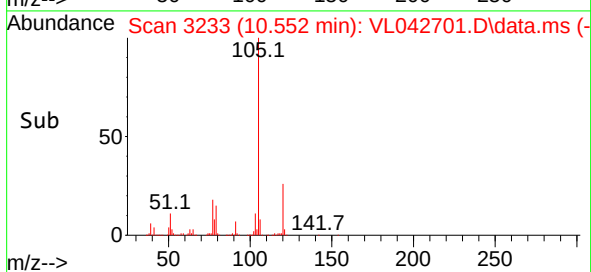
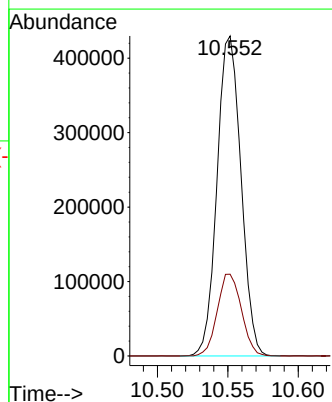
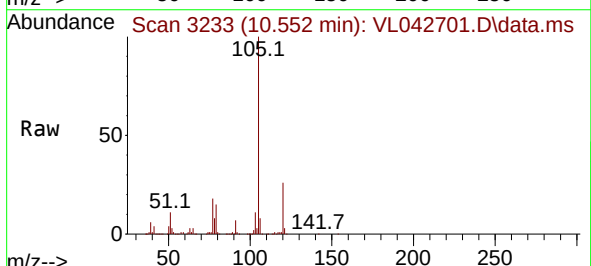
RT: 10.552 min Scan# 3233

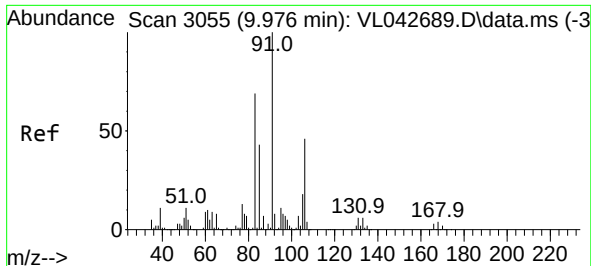
Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion:105 Resp: 508294
 Ion Ratio Lower Upper
 105 100
 120 25.8 20.6 31.0





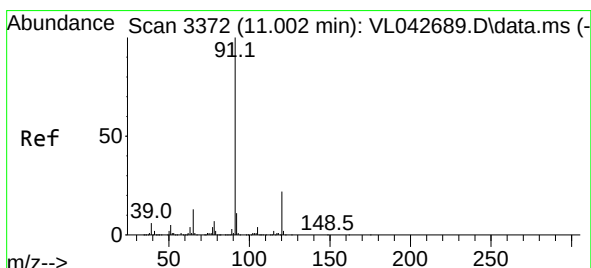
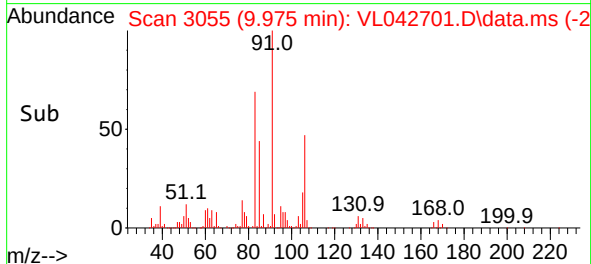
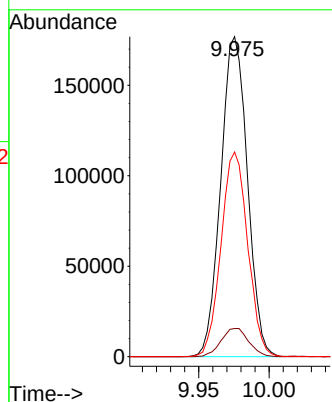
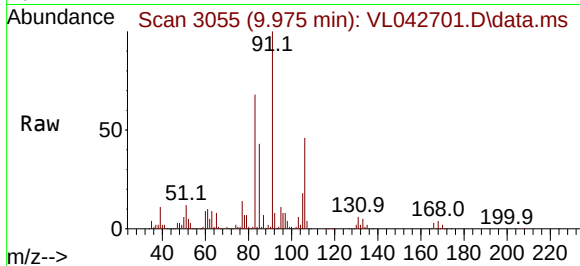
#63
1,1,2,2-Tetrachloroethane
Concen: 9.561 ppbv
RT: 9.975 min Scan# 3055
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01

Tgt Ion: 83 Resp: 233464
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.4
85 64.0 31.5 94.5

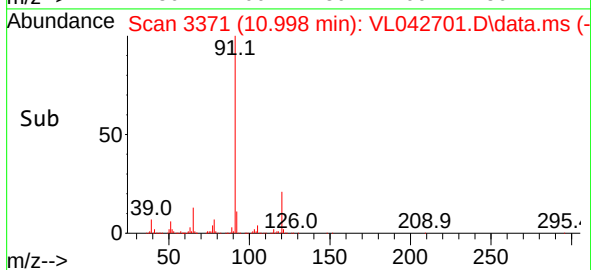
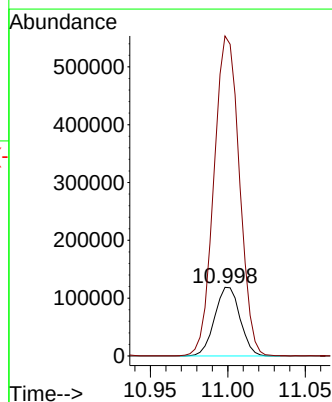
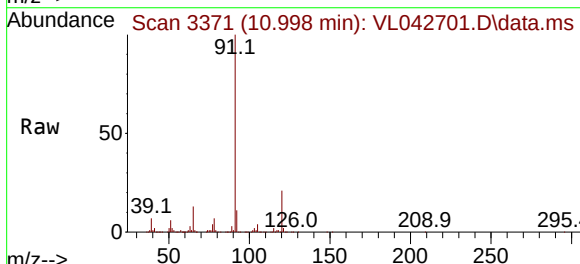
Manual Integrations
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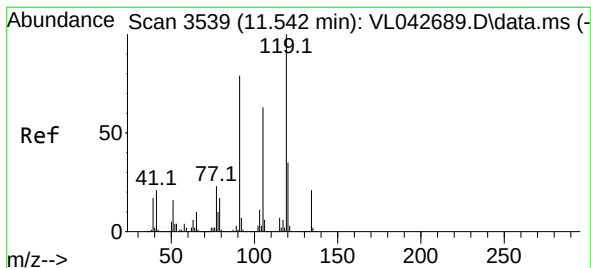
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#64
n-propylbenzene
Concen: 11.020 ppbv
RT: 10.998 min Scan# 3371
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion:120 Resp: 135020
Ion Ratio Lower Upper
120 100
91 470.8 377.8 566.8





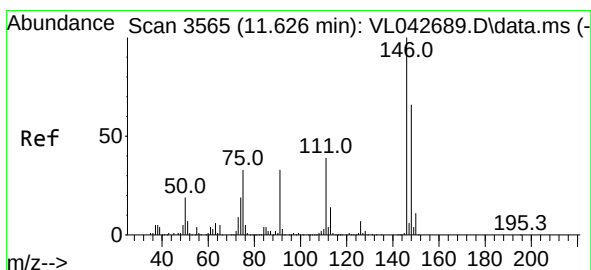
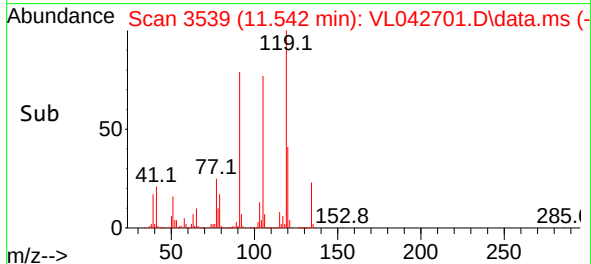
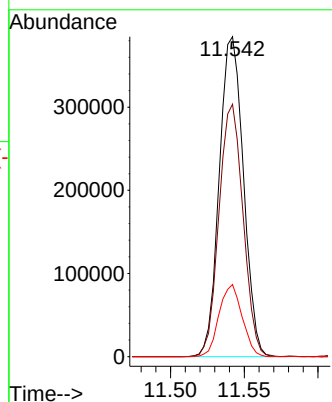
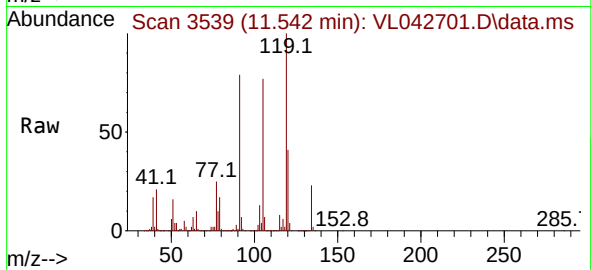
#65
tert-Butylbenzene
Concen: 10.709 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Instrument : MSVOA_L
ClientSampleId : VL0703ABS01

Tgt Ion: 119 Resp: 43866
Ion Ratio Lower Upper
119 100
91 78.6 62.6 93.8
134 21.6 16.9 25.3

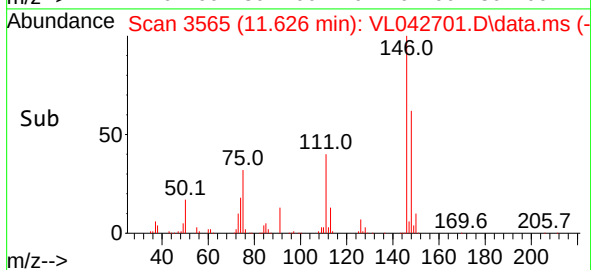
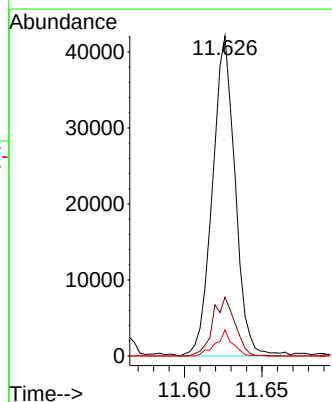
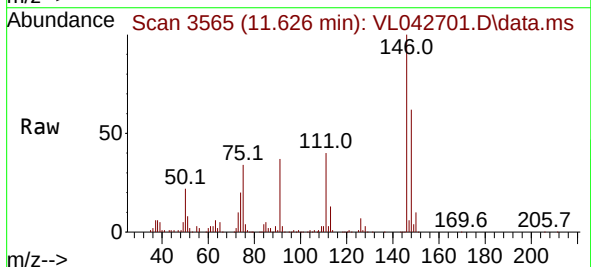
Manual Integrations
APPROVED

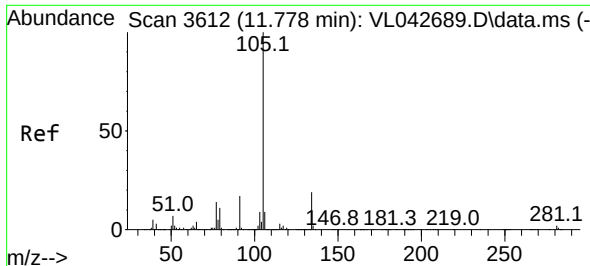
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#66
Benzyl Chloride
Concen: 10.777 ppbv
RT: 11.626 min Scan# 3565
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

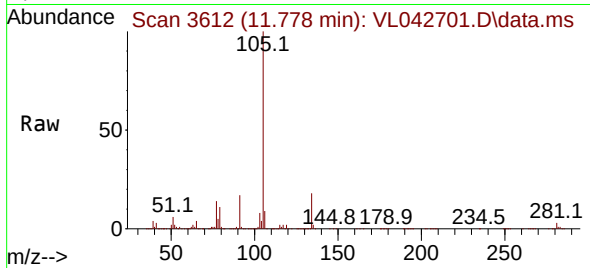
Tgt Ion: 91 Resp: 42770
Ion Ratio Lower Upper
91 100
126 17.9 14.8 22.2
128 6.0 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 10.162 ppbv
 RT: 11.778 min Scan# 3612
 Delta R.T. -0.000 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05

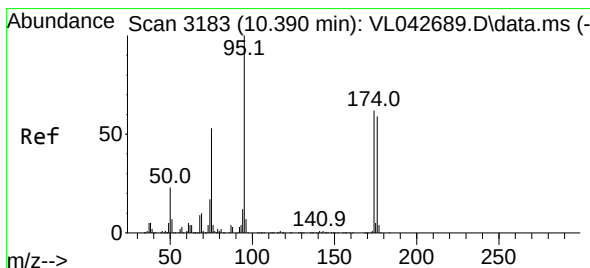
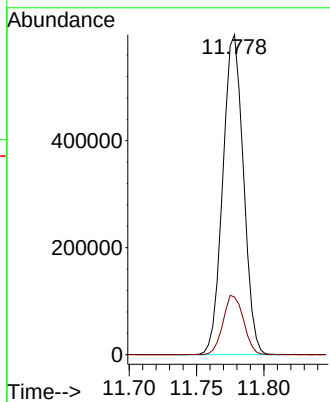
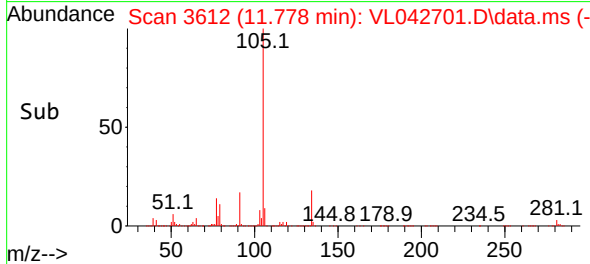
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0703ABS01



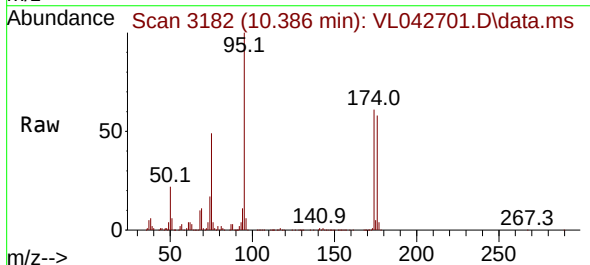
Tgt Ion:105 Resp: 63768
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.0 22.6

Manual Integrations
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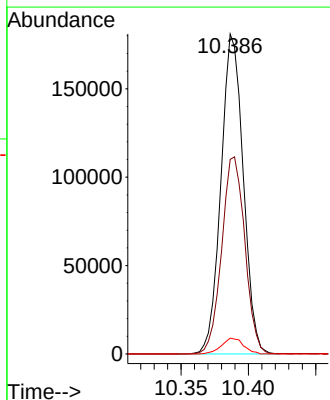
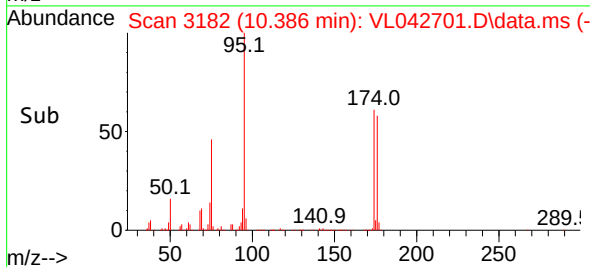
Reviewed By :Semsettin Yesilyurt 07/07/2025
 Supervised By :Mahesh Dadoda 07/07/2025

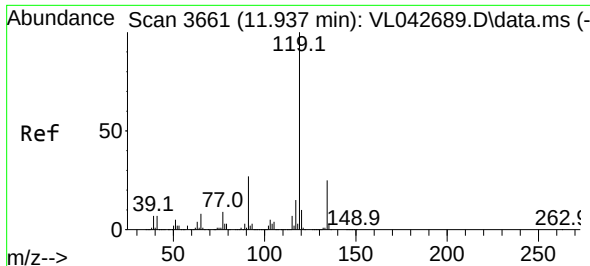


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.174 ppbv
 RT: 10.386 min Scan# 3182
 Delta R.T. -0.003 min
 Lab File: VL042701.D
 Acq: 03 Jul 2025 10:05



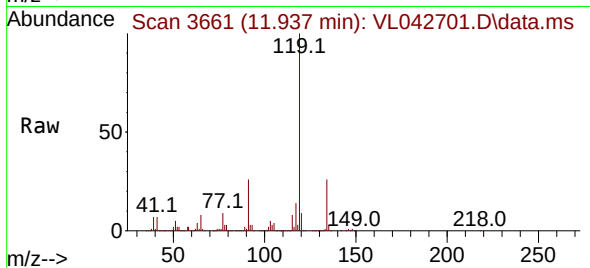
Tgt Ion: 95 Resp: 208227
 Ion Ratio Lower Upper
 95 100
 174 64.0 51.2 76.8
 175 4.9 3.8 5.8





#69
p-Isopropyltoluene
Concen: 10.527 ppbv
RT: 11.937 min Scan# 3661
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

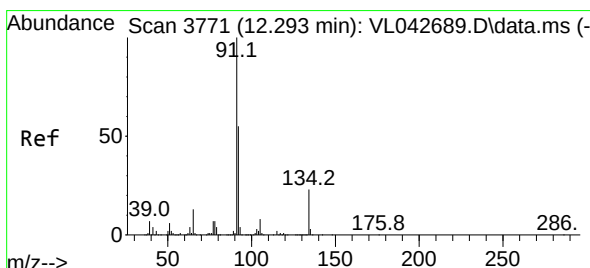
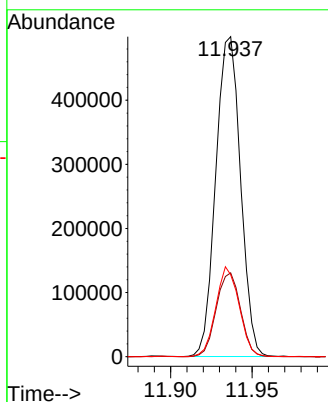
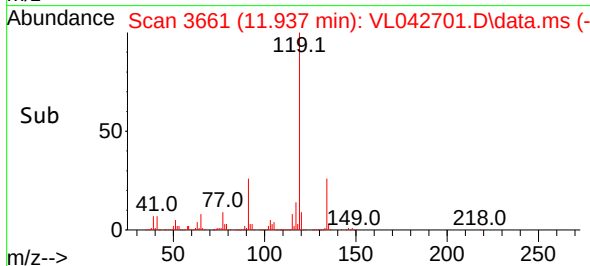
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



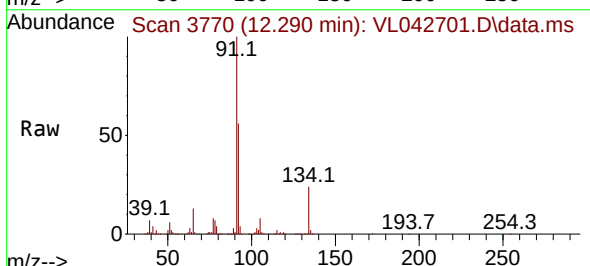
Tgt Ion: 119 Resp: 52577
Ion Ratio Lower Upper
119 100
134 25.8 20.6 31.0
91 26.7 21.4 32.2

Manual Integrations
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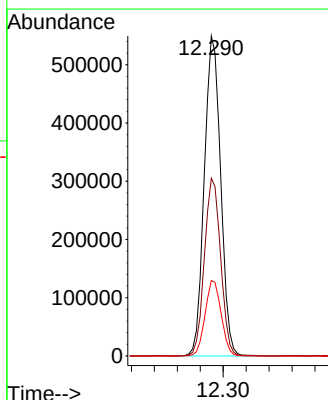
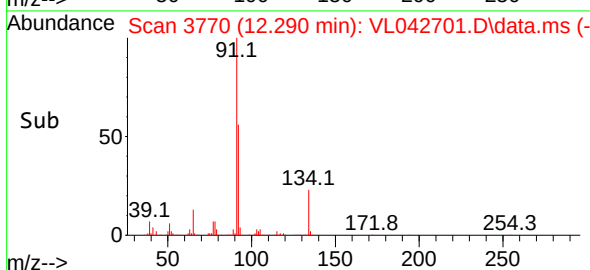
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

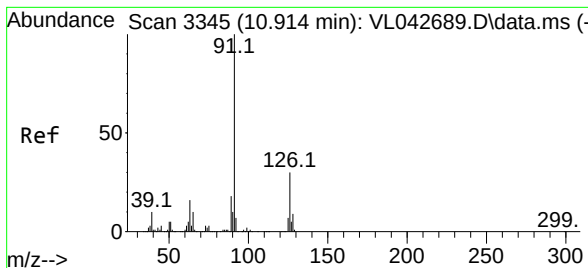


#70
n-Butylbenzene
Concen: 10.796 ppbv
RT: 12.290 min Scan# 3770
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



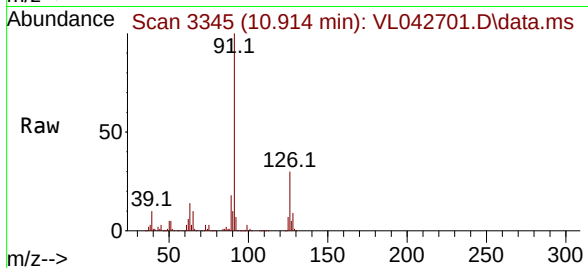
Tgt Ion: 91 Resp: 543203
Ion Ratio Lower Upper
91 100
92 55.1 44.2 66.2
134 23.2 18.6 27.8





#71
2-Chlorotoluene
Concen: 10.889 ppbv
RT: 10.914 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

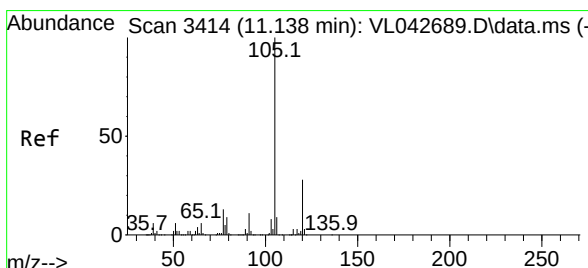
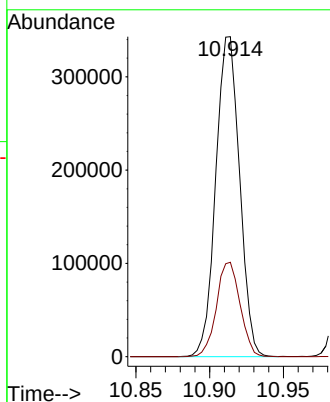
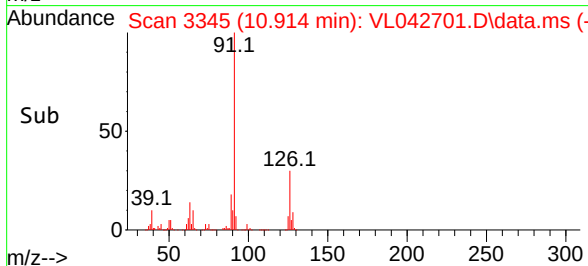
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



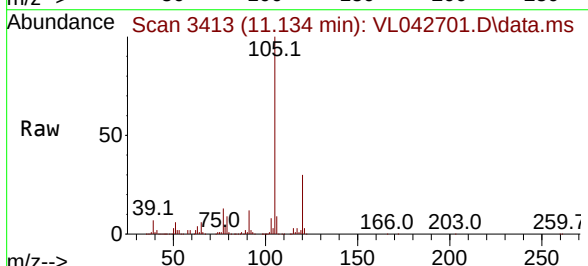
Tgt Ion: 91 Resp: 38550
Ion Ratio Lower Upper
91 100
126 29.2 11.8 47.4

Manual Integrations
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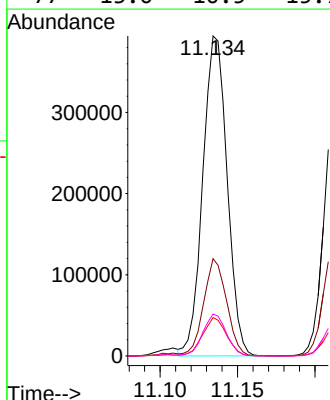
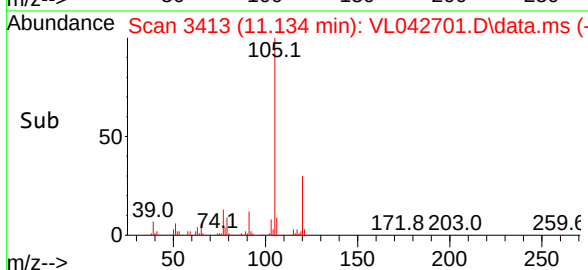
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

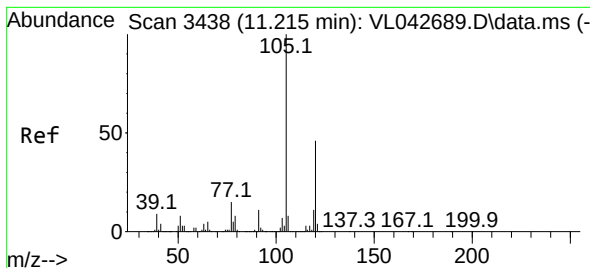


#72
4-Ethyltoluene
Concen: 11.152 ppbv
RT: 11.134 min Scan# 3413
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



Tgt Ion:105 Resp: 431452
Ion Ratio Lower Upper
105 100
120 29.4 23.8 35.6
91 12.1 9.7 14.5
77 13.0 10.5 15.7





#73

1,3,5-Trimethylbenzene

Concen: 10.835 ppbv

RT: 11.215 min Scan# 3438

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01

Tgt Ion:105 Resp: 35340

Ion Ratio Lower Upper

105 100

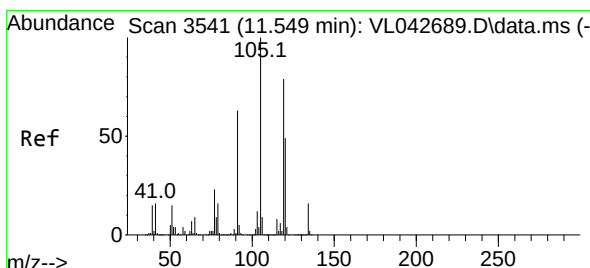
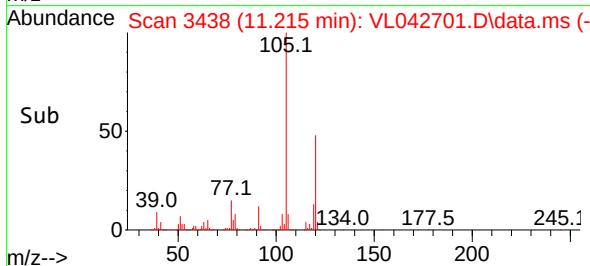
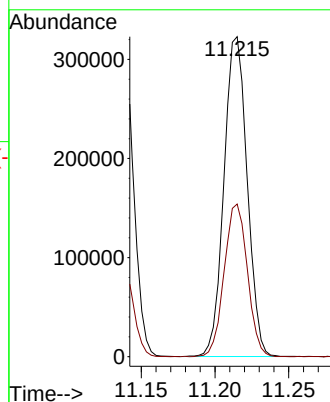
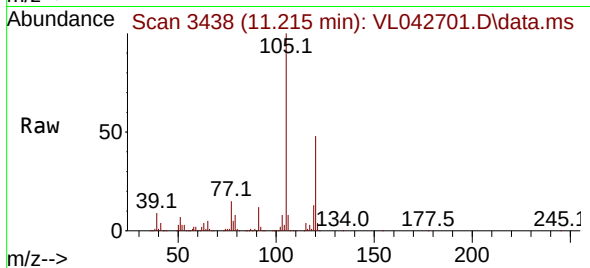
120 47.7 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.516 ppbv

RT: 11.548 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VL042701.D

Acq: 03 Jul 2025 10:05

Tgt Ion:105 Resp: 391311

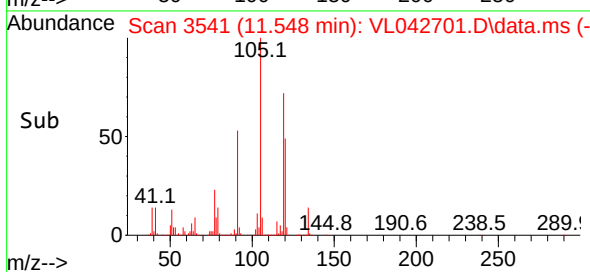
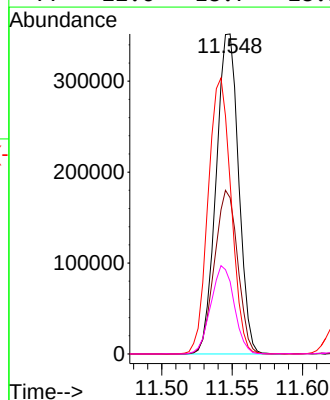
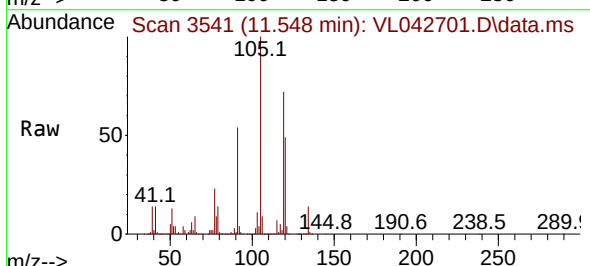
Ion Ratio Lower Upper

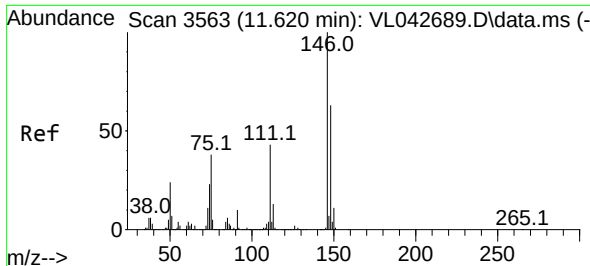
105 100

120 48.8 39.6 59.4

91 53.4 51.0 76.6

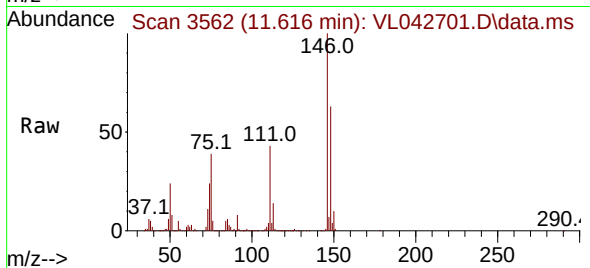
77 22.6 18.7 28.1





#75
1,3-Dichlorobenzene
Concen: 9.512 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

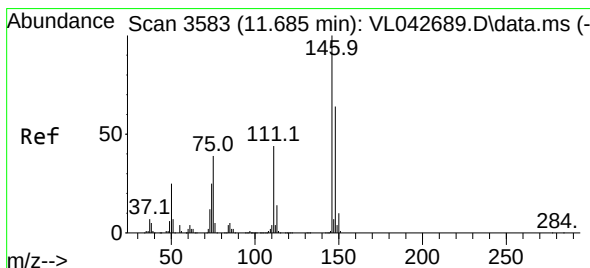
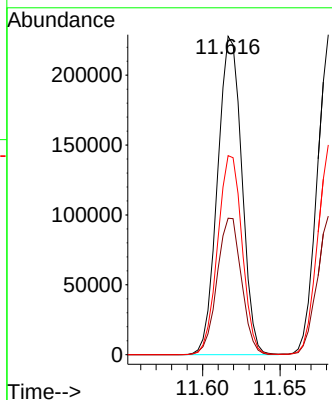
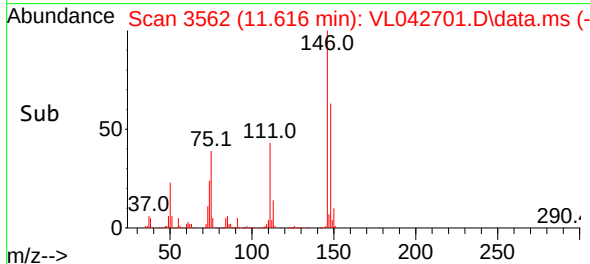
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



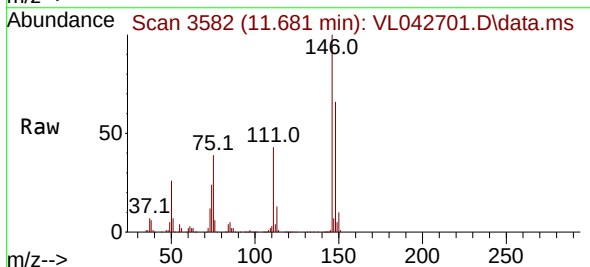
Tgt Ion:146 Resp: 24832
Ion Ratio Lower Upper
146 100
111 43.1 21.6 65.0
148 62.8 31.6 94.7

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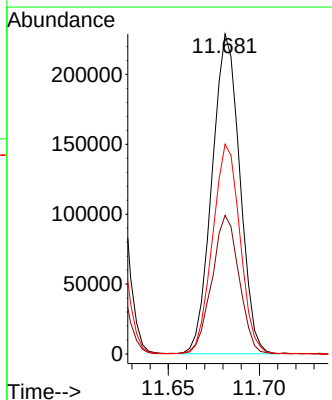
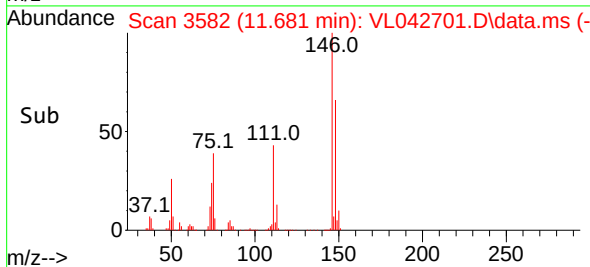
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

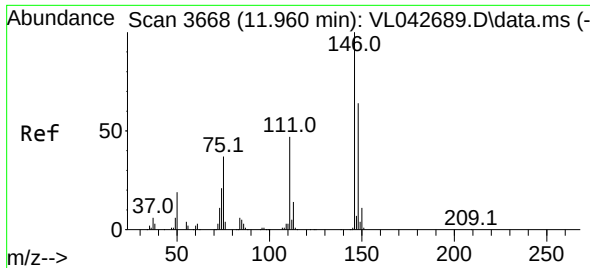


#76
1,4-Dichlorobenzene
Concen: 9.758 ppbv
RT: 11.681 min Scan# 3582
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



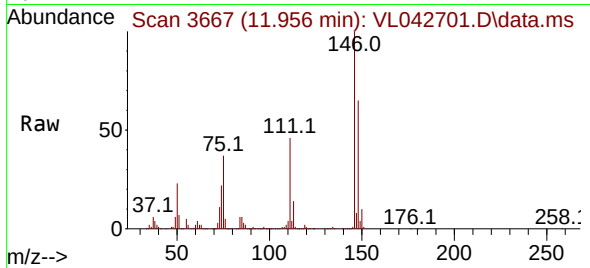
Tgt Ion:146 Resp: 241776
Ion Ratio Lower Upper
146 100
111 42.6 21.4 64.3
148 65.2 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 9.002 ppbv
RT: 11.956 min Scan# 3667
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

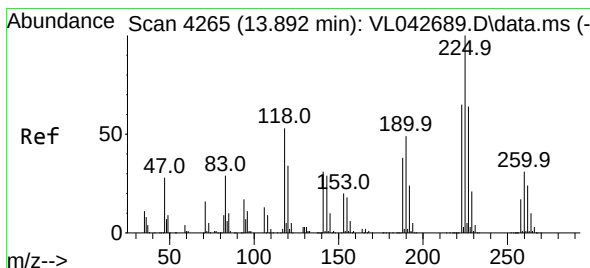
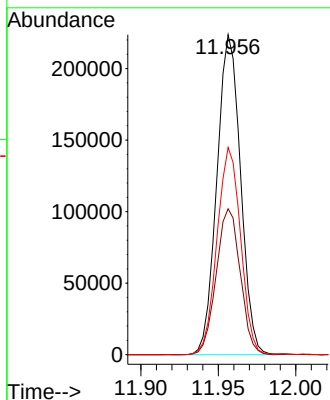
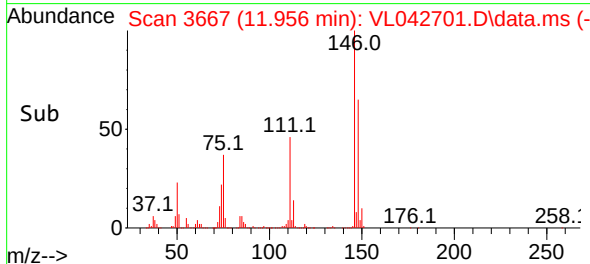
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



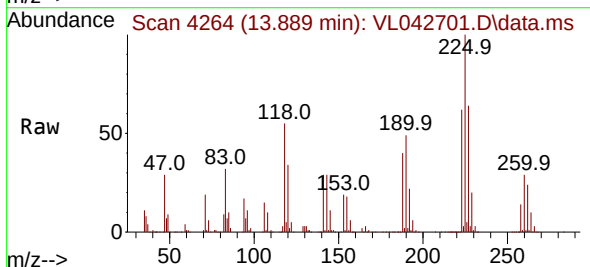
Tgt Ion:146 Resp: 237400
Ion Ratio Lower Upper
146 100
111 46.4 22.9 68.8
148 64.6 31.9 95.7

Manual Integrations
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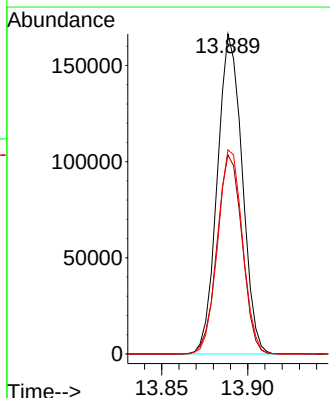
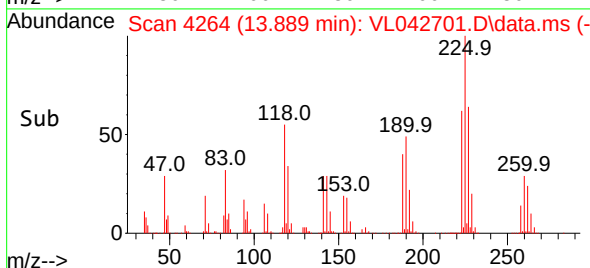
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025

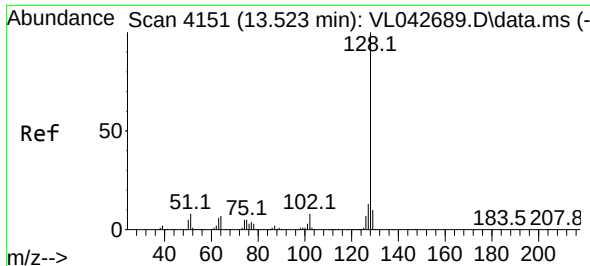


#78
Hexachloro-1,3-Butadiene
Concen: 8.132 ppbv
RT: 13.889 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05



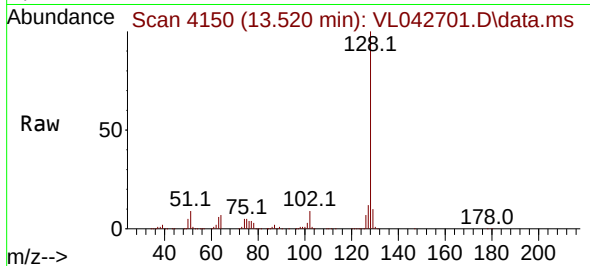
Tgt Ion:225 Resp: 167030
Ion Ratio Lower Upper
225 100
223 62.7 50.5 75.7
227 63.9 50.0 75.0





#79
Naphthalene
Concen: 11.619 ppbv
RT: 13.520 min Scan# 4151
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

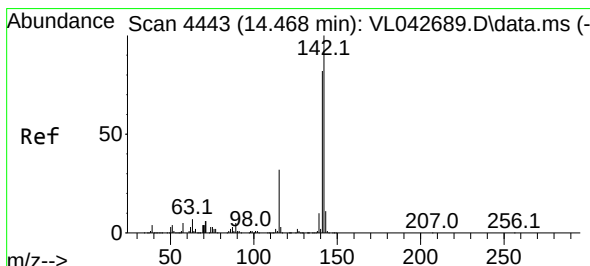
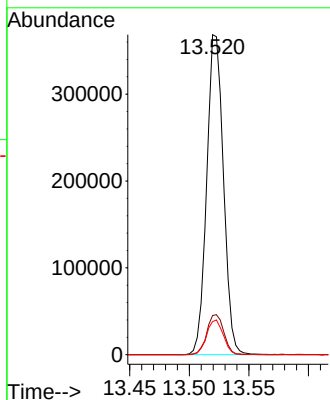
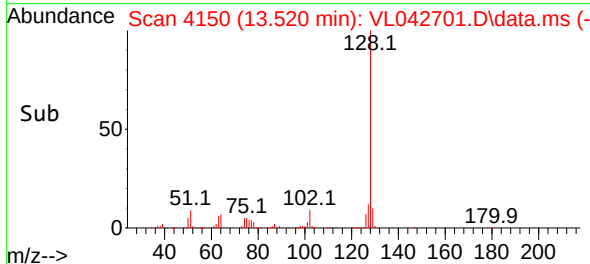
Instrument :
MSVOA_L
ClientSampleId :
VL0703ABS01



Tgt Ion:128 Resp: 360852
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.4
129 10.3 8.2 12.2

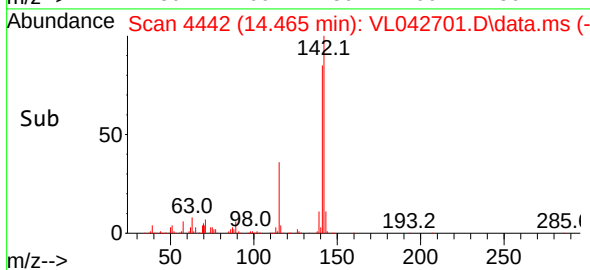
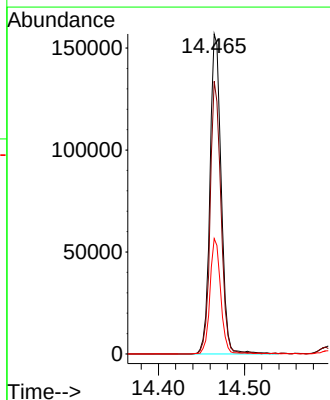
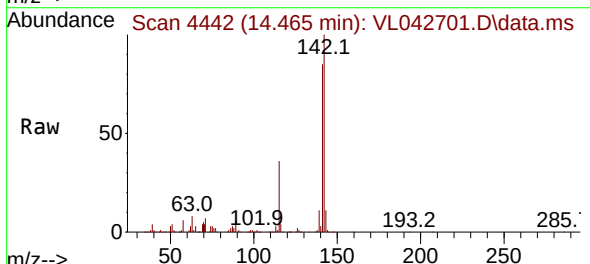
Manual Integrations
APPROVED

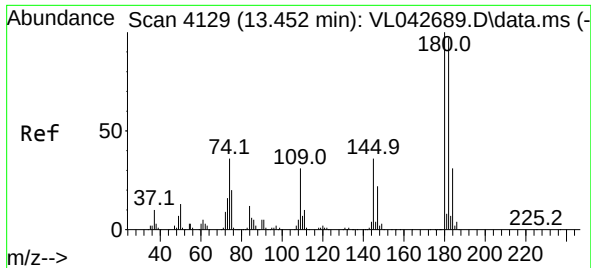
Reviewed By :Semsettin Yesilyurt 07/07/2025
Supervised By :Mahesh Dadoda 07/07/2025



#80
Naphthalene,2-methyl-
Concen: 11.015 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.003 min
Lab File: VL042701.D
Acq: 03 Jul 2025 10:05

Tgt Ion:142 Resp: 142084
Ion Ratio Lower Upper
142 100
141 82.5 67.4 101.2
115 34.8 26.9 40.3





#81

1,2,4-Trichlorobenzene

Concen: 10.191 ppbv

RT: 13.448 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042701.D

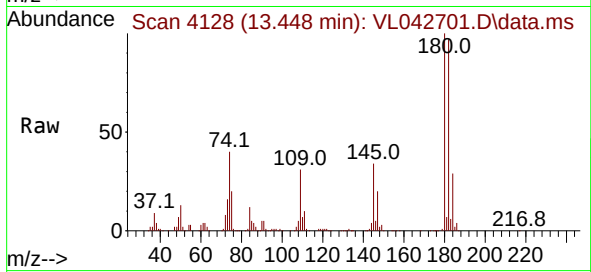
Acq: 03 Jul 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0703ABS01



Tgt Ion:180 Resp: 184434

Ion Ratio Lower Upper

180 100

182 96.0 76.7 115.1

184 30.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/07/2025

Supervised By :Mahesh Dadoda 07/07/2025

