

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070825\
 Data File : VL042706.D
 Acq On : 08 Jul 2025 08:55
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/09/2025
 Supervised By : Mahesh Dadoda 07/09/2025

Quant Time: Jul 09 01:25:15 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	2.790	49	117403	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	292675	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	252122	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 202018 10.417 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	117778	9.582	ppbv	100
3) Chlorodifluoromethane	1.476	51	178535	9.715	ppbv	98
4) Chloromethane	1.534	50	46130	9.569	ppbv	99
5) Vinyl Chloride	1.583	62	40567	8.372	ppbv	98
6) Bromomethane	1.670	94	20389	9.419	ppbv	99
7) Chloroethane	1.706	64	18132	9.746	ppbv	98
8) Dichlorotetrafluoroethane	1.557	85	95415	9.370	ppbv	100
9) Propene	1.486	41	63643	9.255	ppbv	98
10) Heptane	4.988	43	207508	11.112	ppbv	99
11) Trichlorofluoromethane	1.881	101	126354	9.750	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.143	101	99729	9.722	ppbv	100
13) Ethanol	1.722	45	5176	7.800	ppbv	95
14) Bromoethene	1.783	108	33994	9.509	ppbv	99
15) Acetone	1.839	43	100030	8.591	ppbv	100
16) 1,3-Butadiene	1.612	39	48527	9.044	ppbv	100
17) tert-Butyl alcohol	2.042	59	112027	9.862	ppbv	99
18) 1,1-Dichloroethene	2.036	96	42152	9.249	ppbv	93
19) Isopropyl Alcohol	1.887	45	61630	9.208	ppbv #	1
20) Methylene Chloride	2.065	84	36832	8.272	ppbv	98
21) Allyl Chloride	2.101	41	80768	9.944	ppbv	99
22) trans-1,2-Dichloroethene	2.343	96	48252	9.720	ppbv	96
23) Vinyl Acetate	2.466	43	198196	10.518	ppbv	98
24) 1,1-Dichloroethane	2.411	63	96006	9.357	ppbv	99
25) Ethyl Acetate	2.839	43	364260	10.342	ppbv	100
26) Hexane	2.829	57	155263	10.566	ppbv	99
27) Carbon Disulfide	2.152	76	120990	10.096	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	53007	8.816	ppbv	98
29) Chloroform	2.855	83	215386	9.703	ppbv	99
30) Cyclohexane	3.861	84	119623	10.796	ppbv	98
31) cis-1,2-Dichloroethene	2.725	61	136348	9.749	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	194399	9.128	ppbv	99
34) 2-Butanone	2.560	43	232880	10.053	ppbv	100
35) Carbon Tetrachloride	3.771	117	194668	9.613	ppbv	98
36) Benzene	3.664	78	297705	10.092	ppbv	98
37) 1,2-Dichloroethane	3.224	62	150291	9.593	ppbv	100
38) Trichloroethene	4.557	130	115053	9.028	ppbv	93
39) 1,2-Dichloropropane	4.321	63	114754	9.975	ppbv	99
40) 1,4-Dioxane	4.590	88	46617	10.457	ppbv #	95
41) Tetrahydrofuran	3.059	42	126483	10.715	ppbv	98
42) Bromodichloromethane	4.499	83	224021	10.096	ppbv	97
43) Methyl Methacrylate	4.887	69	107128	11.293	ppbv	97
44) 2,2,4-Trimethylpentane	4.651	57	539635	10.890	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	104712	10.516	ppbv	94

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Manual Integrations
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 Supervised By :Mahesh Dadoda 07/09/2025

Quant Time: Jul 09 01:25:15 2025

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

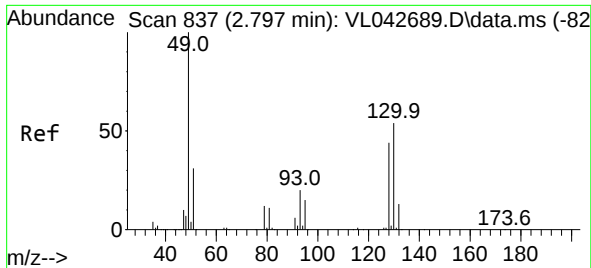
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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	5.616	75	142602	10.379	ppbv	96
47) 1,1,2-Trichloroethane	6.593	97	114699	10.123	ppbv	97
48) Dibromochloromethane	7.396	129	177016	10.203	ppbv	98
49) Bromoform	9.490	173	154200	10.290	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	304211	11.215	ppbv	99
51) 2-Hexanone	7.444	43	236690	11.993	ppbv #	99
52) Tetrachloroethene	8.234	164	95096	9.645	ppbv	95
53) Toluene	6.943	91	310018	11.256	ppbv	99
54) 1,2-Dibromoethane	7.661	107	162972	10.318	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.930	131	140004	10.270	ppbv	98
57) Chlorobenzene	8.930	112	256415	10.137	ppbv	97
58) Ethyl Benzene	9.364	91	434385	11.914	ppbv	99
59) m/p-Xylene	9.558	91	725521m	23.757	ppbv	
60) o-Xylene	9.972	91	358517	11.934	ppbv	99
61) Styrene	9.878	104	142114	12.042	ppbv	99
62) Isopropylbenzene	10.545	105	515613	11.371	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	244497	10.568	ppbv	100
64) n-propylbenzene	10.995	120	138163	11.901	ppbv	100
65) tert-Butylbenzene	11.539	119	449911	11.592	ppbv	98
66) Benzyl Chloride	11.620	91	45524	12.106	ppbv	99
67) sec-Butylbenzene	11.772	105	658647	11.077	ppbv	100
69) p-Isopropyltoluene	11.930	119	533852	11.281	ppbv	100
70) n-Butylbenzene	12.286	91	551840	11.575	ppbv	99
71) 2-Chlorotoluene	10.908	91	388185	11.572	ppbv	99
72) 4-Ethyltoluene	11.131	105	436294	11.902	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	359909	11.645	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	395812	11.226	ppbv	99
75) 1,3-Dichlorobenzene	11.613	146	253276	10.239	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	250036	10.651	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	247106	9.889	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	171064	8.789	ppbv	99
79) Naphthalene	13.516	128	363417	12.350	ppbv	98
80) Naphthalene,2-methyl-	14.461	142	134241	10.983	ppbv	98
81) 1,2,4-Trichlorobenzene	13.445	180	186151	10.855	ppbv	99

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



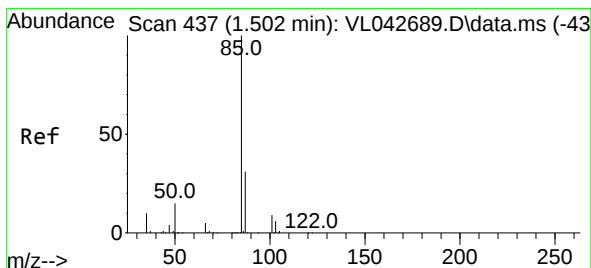
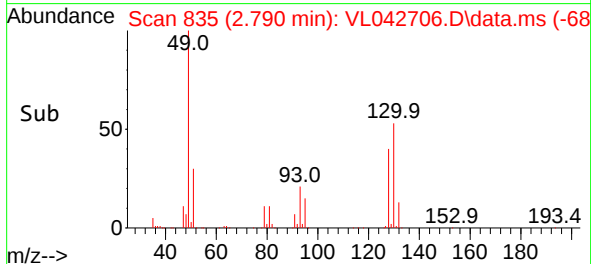
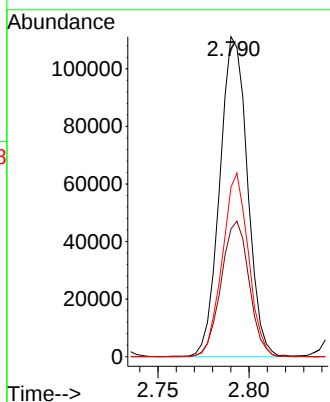
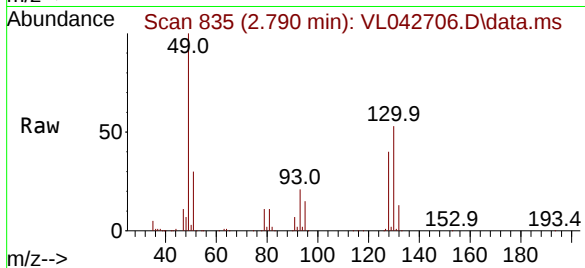
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 11740
Ion Ratio Lower Upper
49 100
128 42.8 21.4 64.2
130 54.1 28.0 84.0

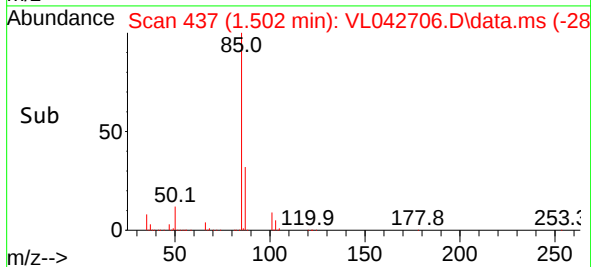
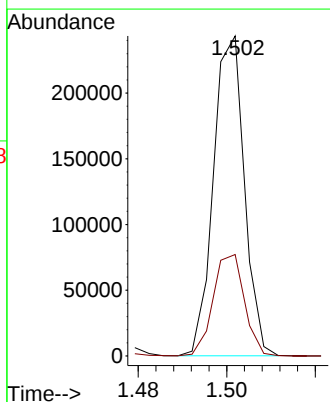
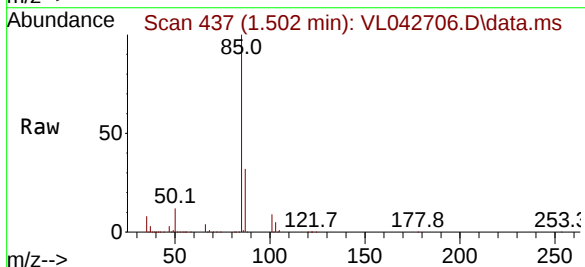
Manual Integrations
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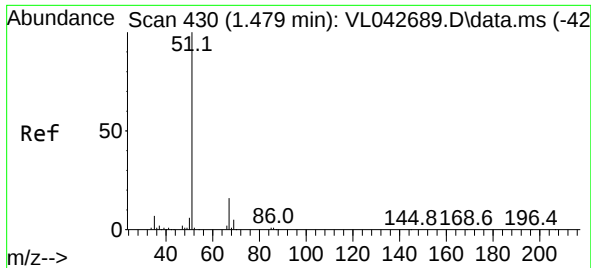
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#2
Dichlorodifluoromethane
Concen: 9.582 ppbv
RT: 1.502 min Scan# 437
Delta R.T. -0.000 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 85 Resp: 117778
Ion Ratio Lower Upper
85 100
87 31.7 25.1 37.7





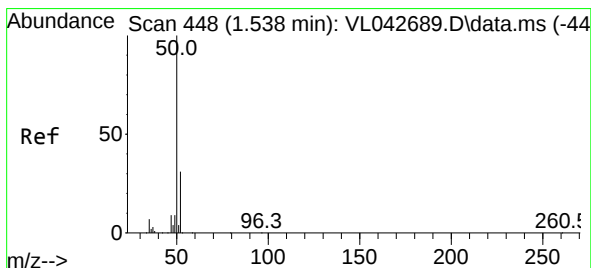
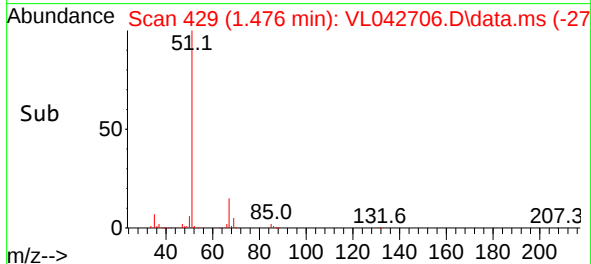
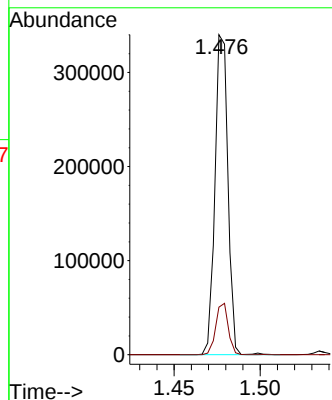
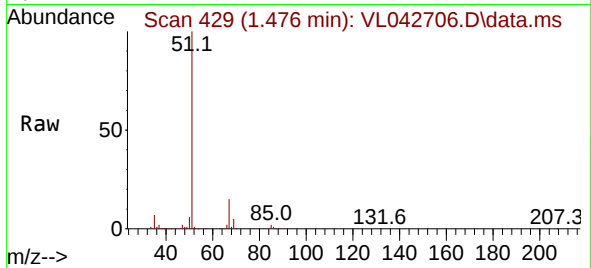
#3
Chlorodifluoromethane
Concen: 9.715 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 17853
Ion Ratio Lower Upper
51 100
67 15.4 13.1 19.7

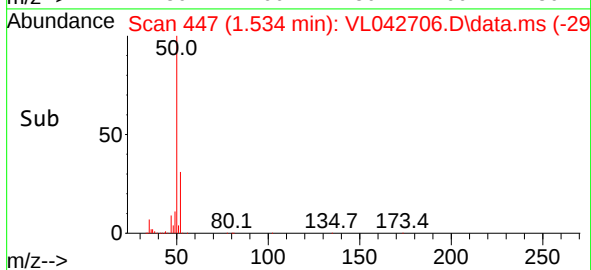
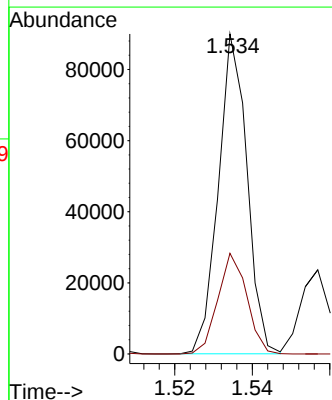
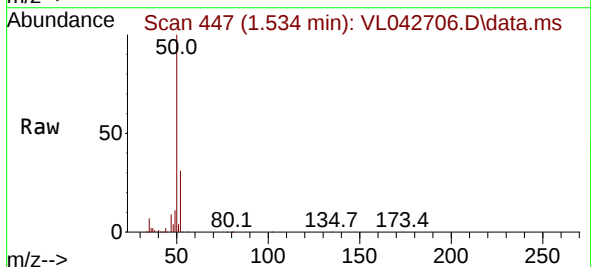
Manual Integrations
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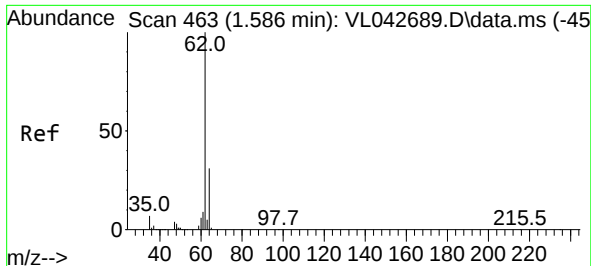
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#4
Chloromethane
Concen: 9.569 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 50 Resp: 46130
Ion Ratio Lower Upper
50 100
52 31.5 24.8 37.2





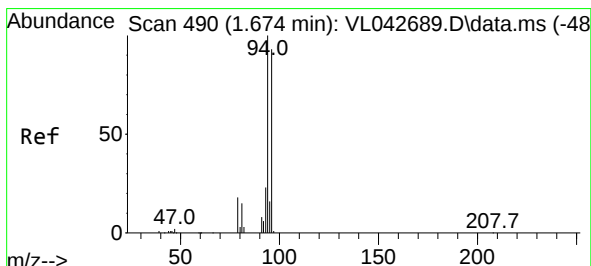
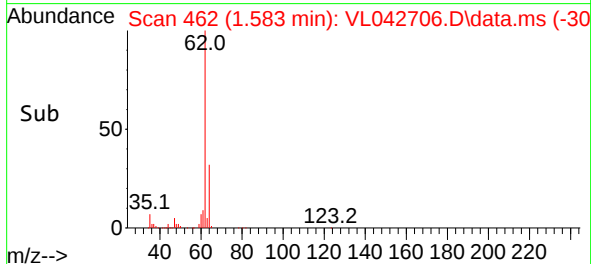
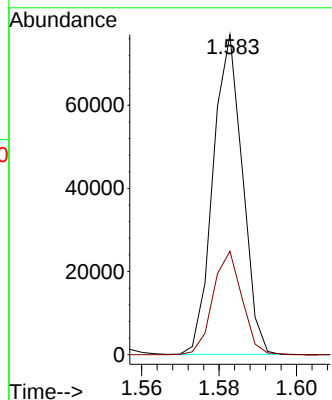
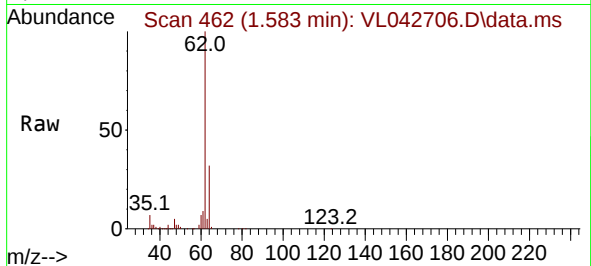
#5
 Vinyl Chloride
 Concen: 8.372 ppbv
 RT: 1.583 min Scan# 4056
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 4056
 Ion Ratio Lower Upper
 62 100
 64 32.3 25.1 37.7

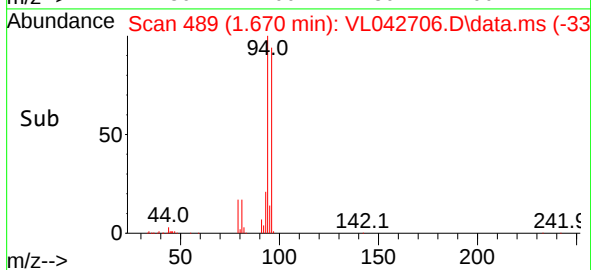
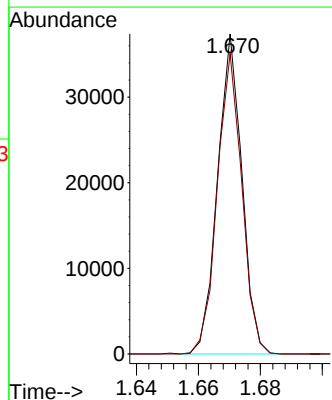
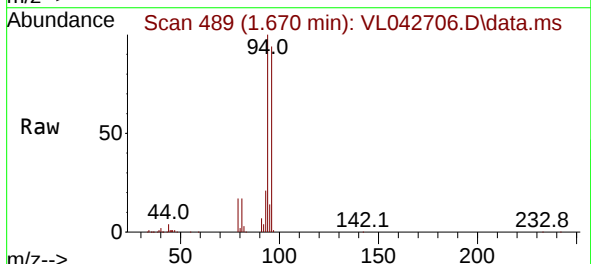
Manual Integrations
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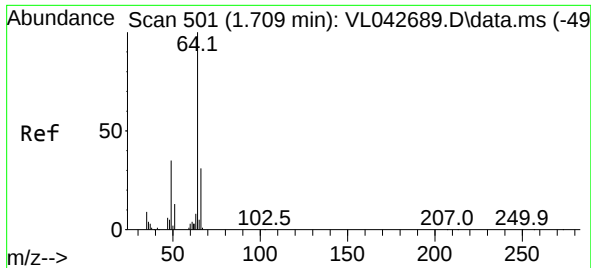
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#6
 Bromomethane
 Concen: 9.419 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 94 Resp: 20389
 Ion Ratio Lower Upper
 94 100
 96 93.8 74.6 112.0





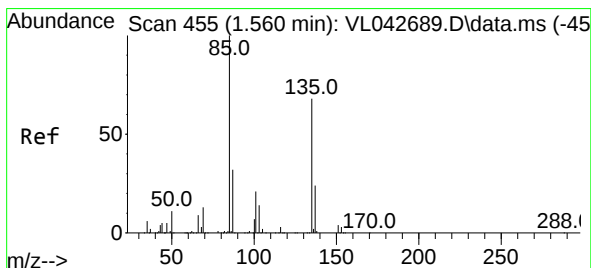
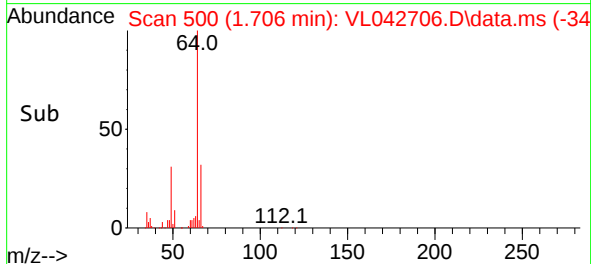
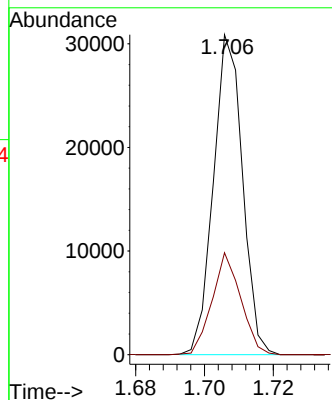
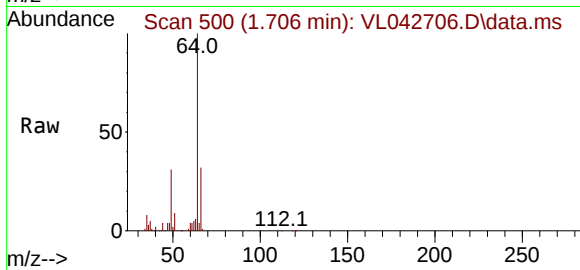
#7
Chloroethane
Concen: 9.746 ppbv
RT: 1.706 min Scan# 501
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 1813
Ion Ratio Lower Upper
64 100
66 31.8 24.7 37.1

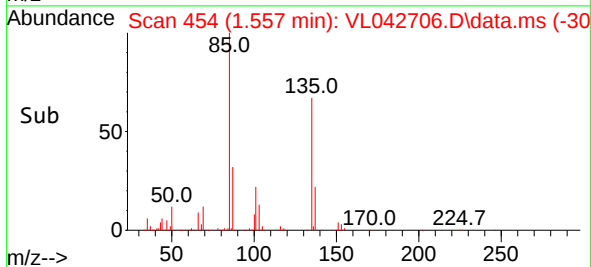
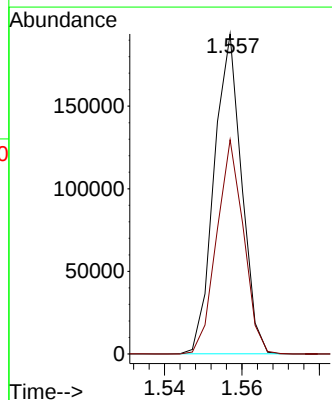
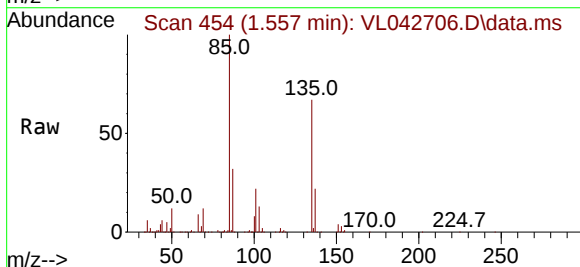
Manual Integrations
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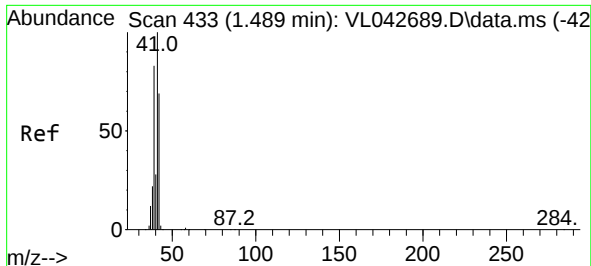
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#8
Dichlorotetrafluoroethane
Concen: 9.370 ppbv
RT: 1.557 min Scan# 454
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

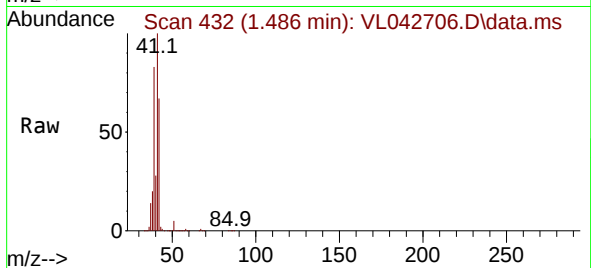
Tgt Ion: 85 Resp: 95415
Ion Ratio Lower Upper
85 100
135 65.7 52.6 79.0





#9
 Propene
 Concen: 9.255 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

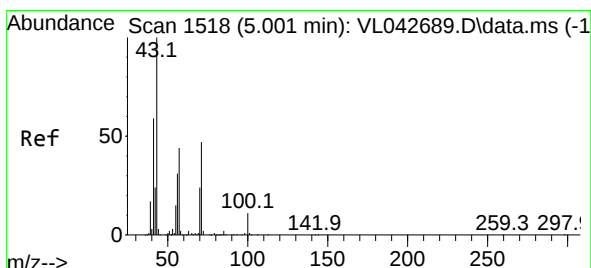
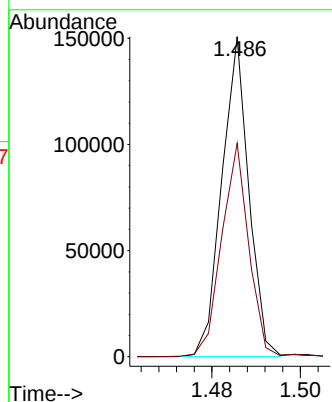
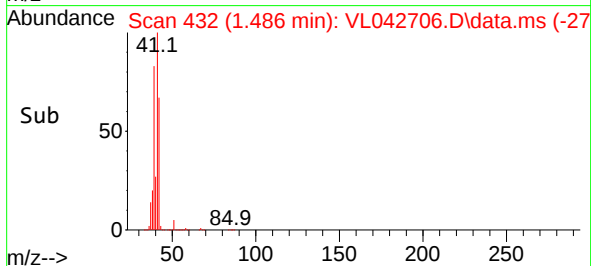
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



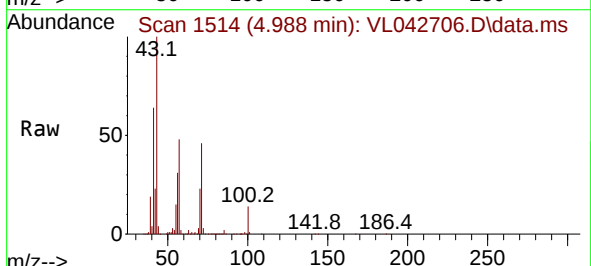
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 Ion Ratio Lower Upper
 41 100
 42 68.1 55.6 83.4

Manual Integrations
 APPROVED

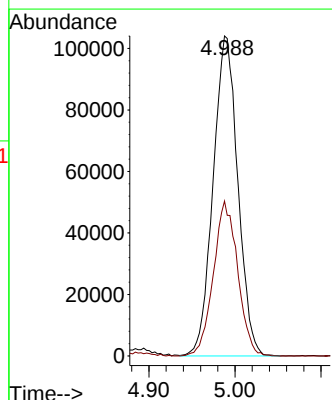
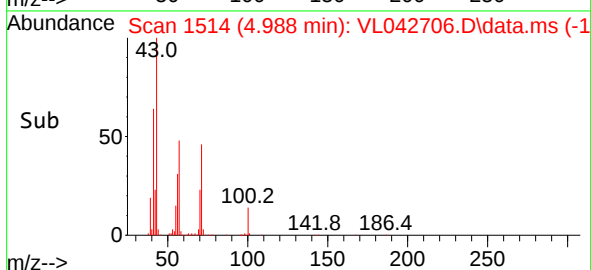
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

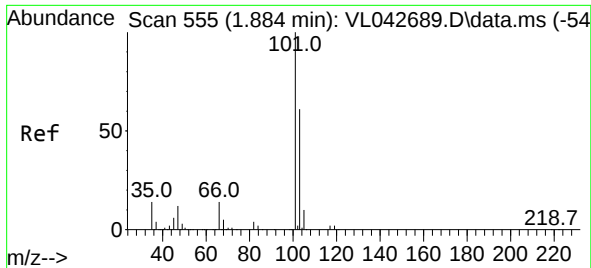


#10
 Heptane
 Concen: 11.112 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. -0.013 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55



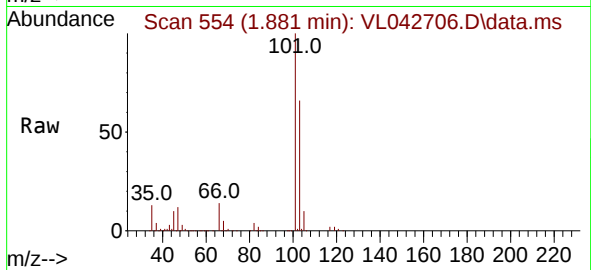
Tgt Ion: 43 Resp: 207508
 Ion Ratio Lower Upper
 43 100
 57 47.4 37.4 56.0





#11
 Trichlorofluoromethane
 Concen: 9.750 ppbv
 RT: 1.881 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

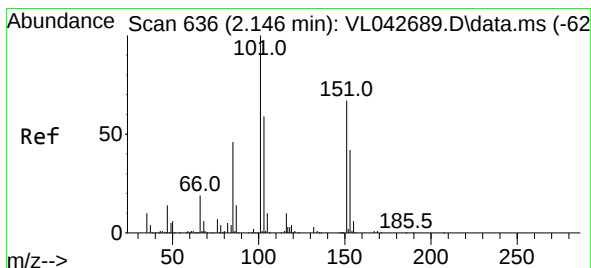
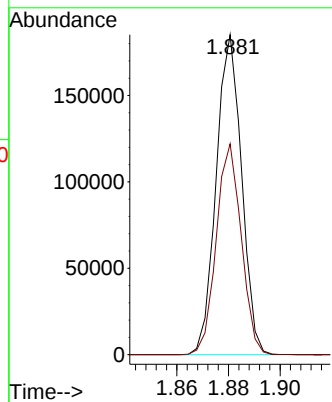
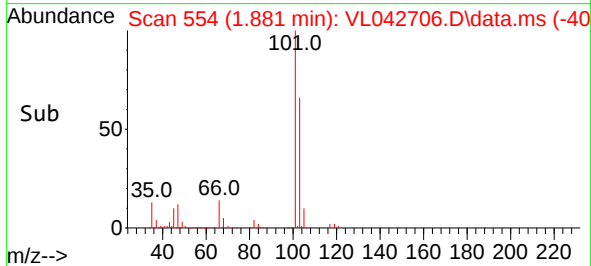
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:101 Resp: 126354
 Ion Ratio Lower Upper
 101 100
 103 65.9 48.9 73.3

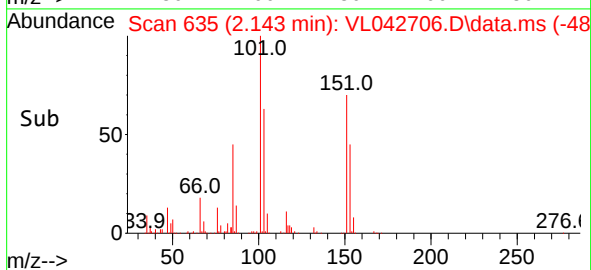
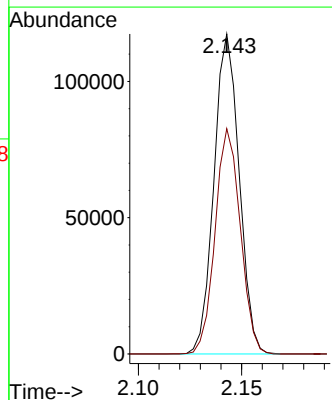
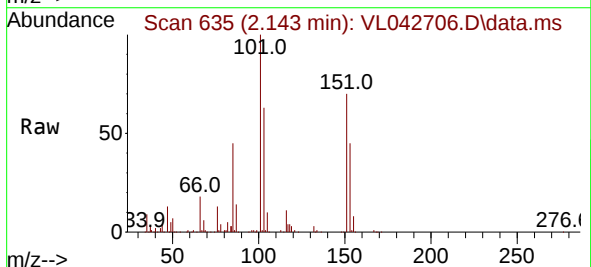
Manual Integrations
 APPROVED

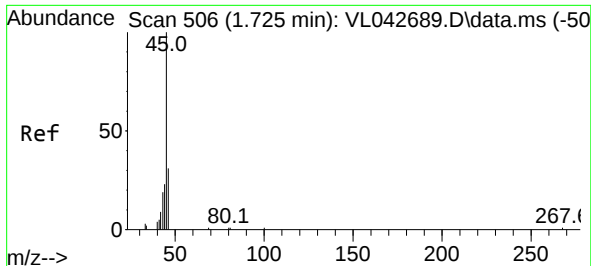
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.722 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

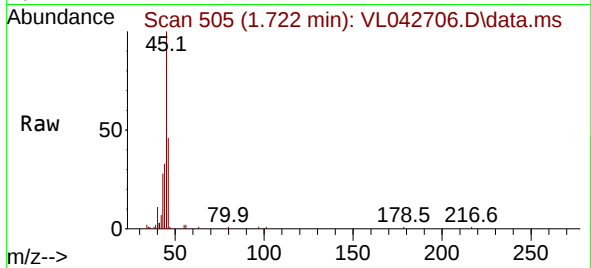
Tgt Ion:101 Resp: 99729
 Ion Ratio Lower Upper
 101 100
 151 70.3 56.6 84.8





#13
Ethanol
Concen: 7.800 ppbv
RT: 1.722 min Scan# 506
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

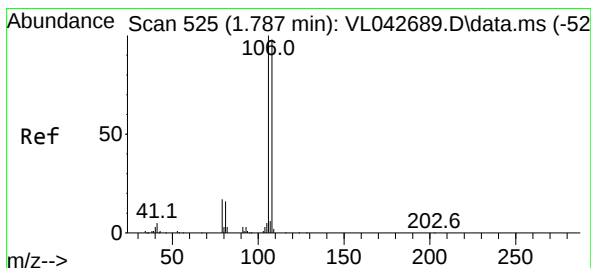
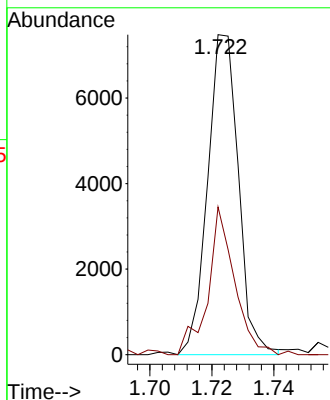
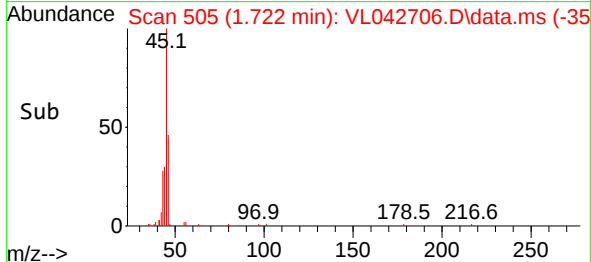
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



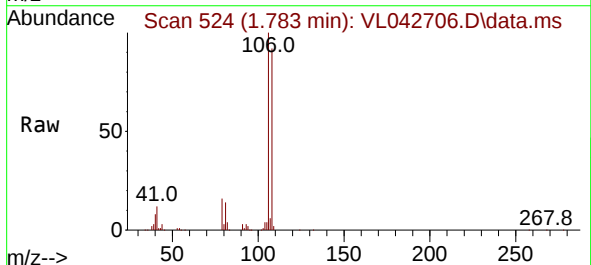
Tgt Ion: 45 Resp: 5170
Ion Ratio Lower Upper
45 100
46 41.1 15.2 60.8

Manual Integrations
APPROVED

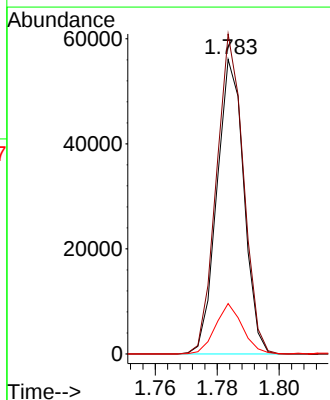
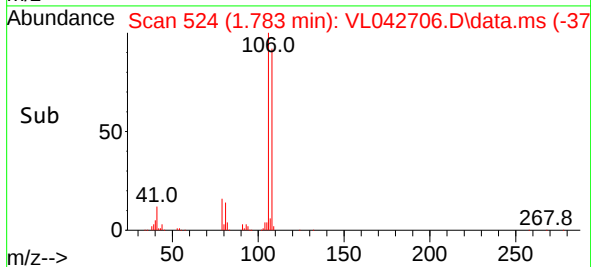
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

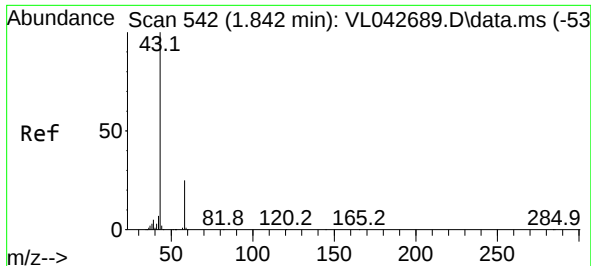


#14
Bromoethene
Concen: 9.509 ppbv
RT: 1.783 min Scan# 524
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



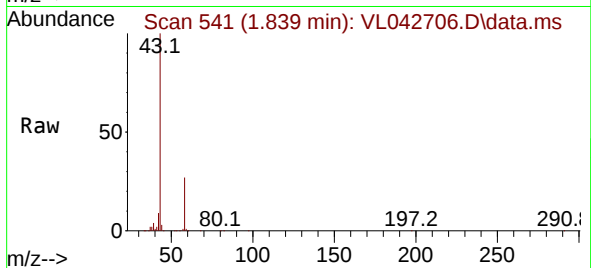
Tgt Ion:108 Resp: 33994
Ion Ratio Lower Upper
108 100
106 108.6 85.9 128.9
79 17.4 14.5 21.7





#15
Acetone
Concen: 8.591 ppbv
RT: 1.839 min Scan# 541
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

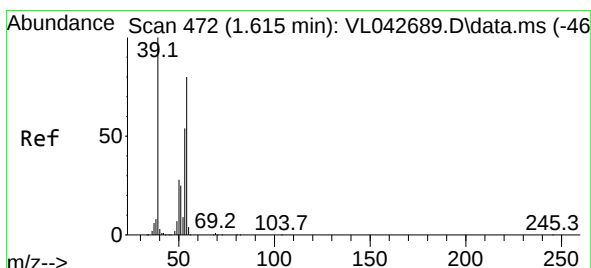
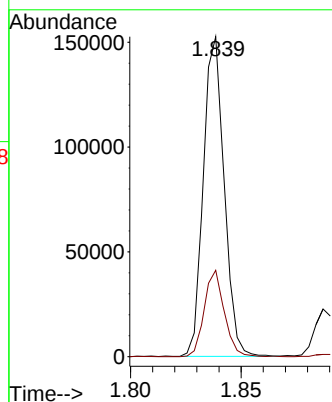
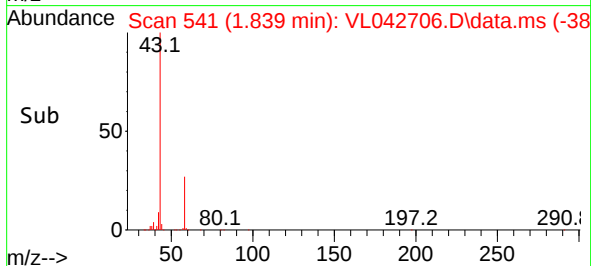
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 100030
Ion Ratio Lower Upper
43 100
58 26.0 20.6 31.0

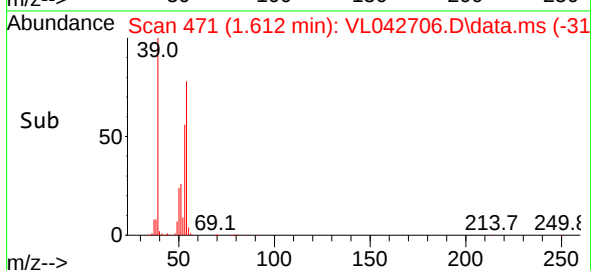
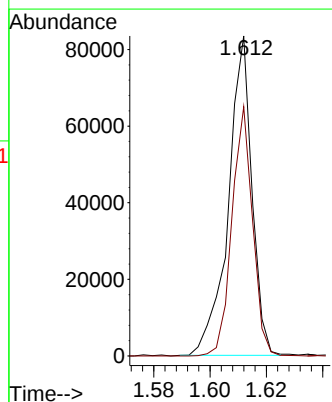
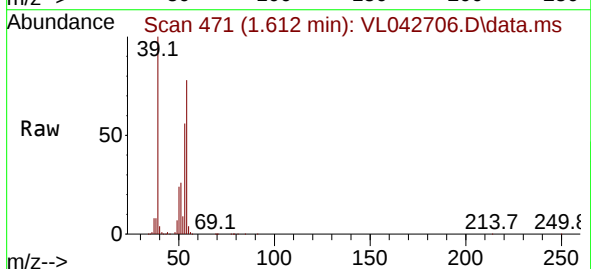
Manual Integrations
APPROVED

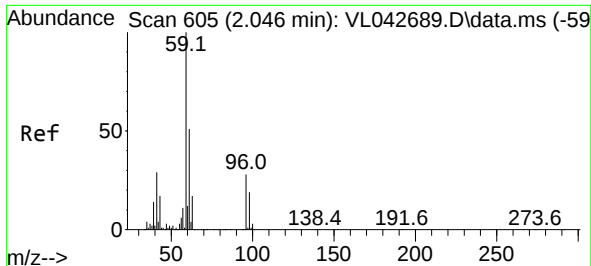
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#16
1,3-Butadiene
Concen: 9.044 ppbv
RT: 1.612 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 39 Resp: 48527
Ion Ratio Lower Upper
39 100
54 68.3 54.9 82.3





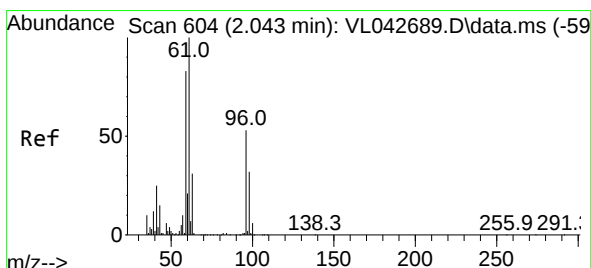
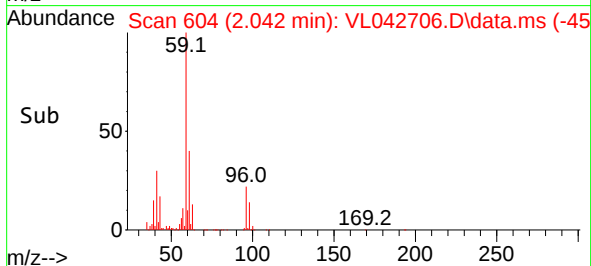
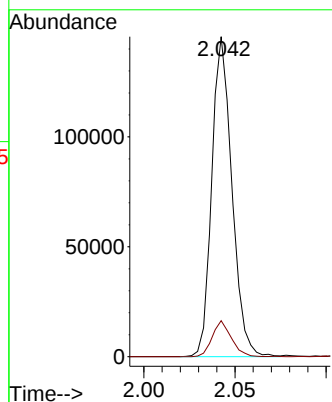
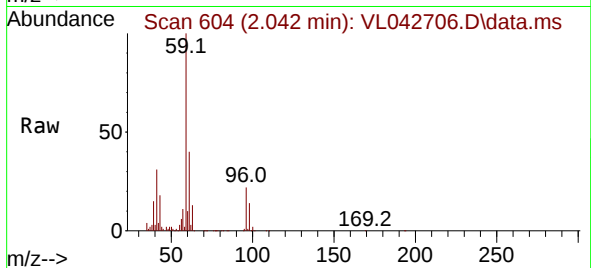
#17
tert-Butyl alcohol
Concen: 9.862 ppbv
RT: 2.042 min Scan# 605
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 11202
Ion Ratio Lower Upper
59 100
57 10.7 8.8 13.2

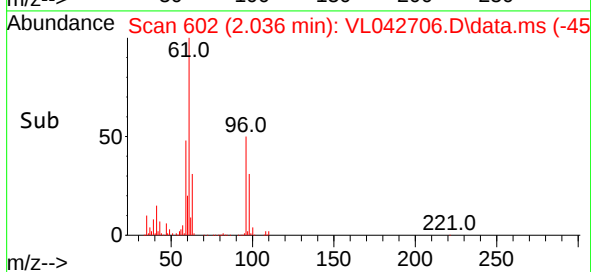
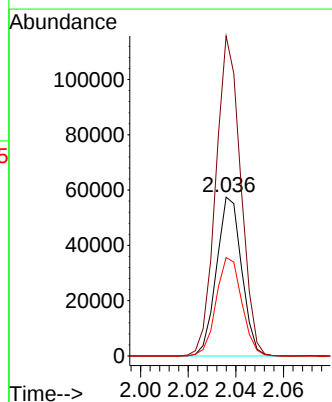
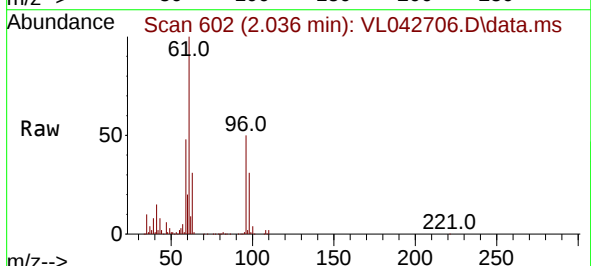
Manual Integrations
APPROVED

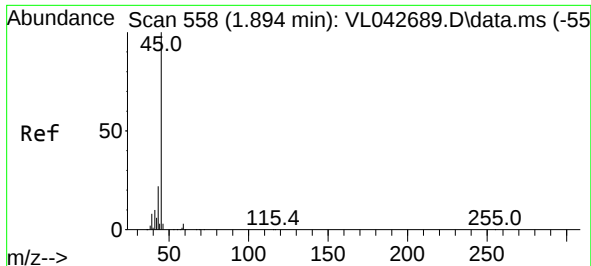
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#18
1,1-Dichloroethene
Concen: 9.249 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 96 Resp: 42152
Ion Ratio Lower Upper
96 100
61 201.4 151.0 226.6
98 62.0 49.0 73.4





#19

Isopropyl Alcohol

Concen: 9.208 ppbv

RT: 1.887 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 61630

Ion Ratio Lower Upper

45 100

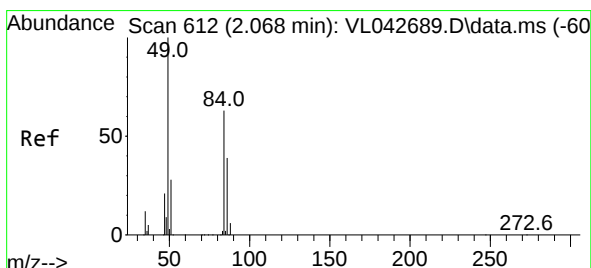
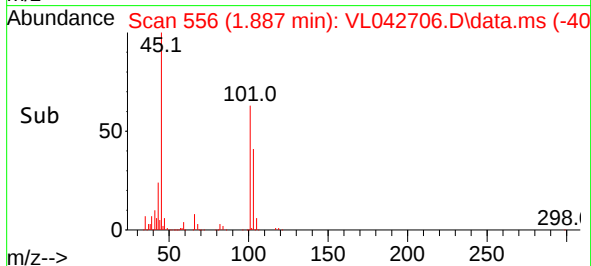
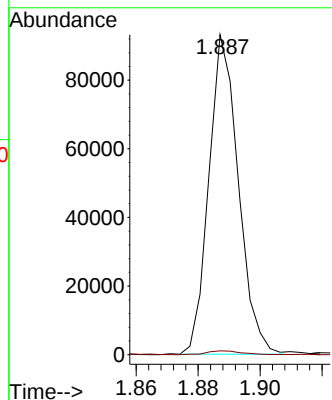
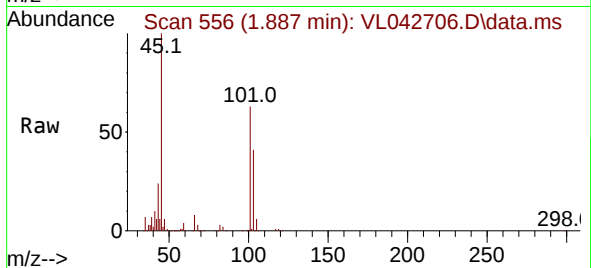
58 42.3 1.4 2.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#20

Methylene Chloride

Concen: 8.272 ppbv

RT: 2.065 min Scan# 611

Delta R.T. -0.003 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion: 84 Resp: 36832

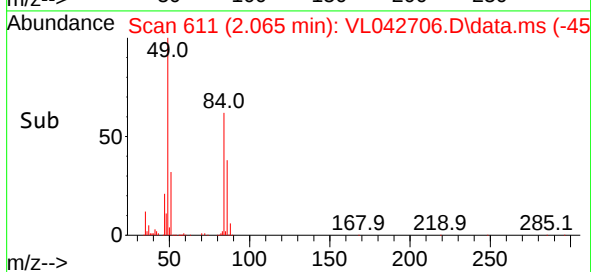
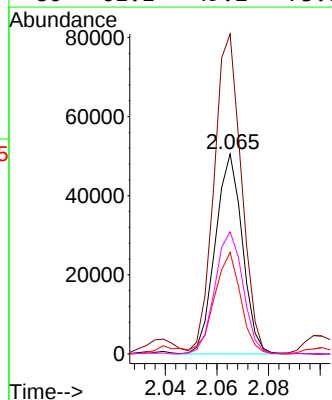
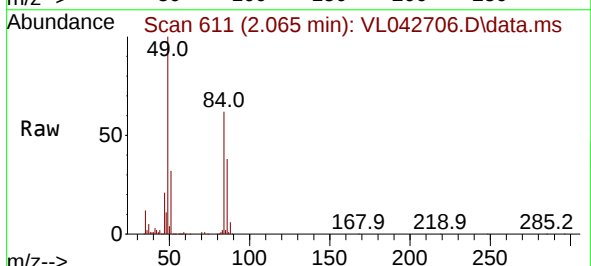
Ion Ratio Lower Upper

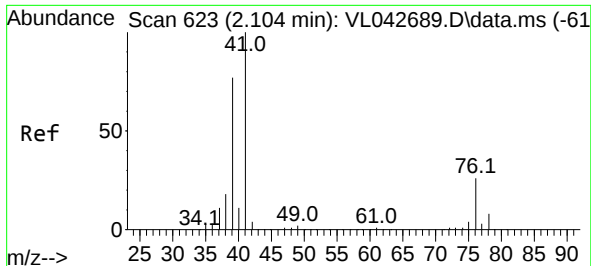
84 100

49 159.6 128.6 193.0

51 50.6 37.4 56.2

86 61.1 49.2 73.8





#21
 Allyl Chloride
 Concen: 9.944 ppbv
 RT: 2.101 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

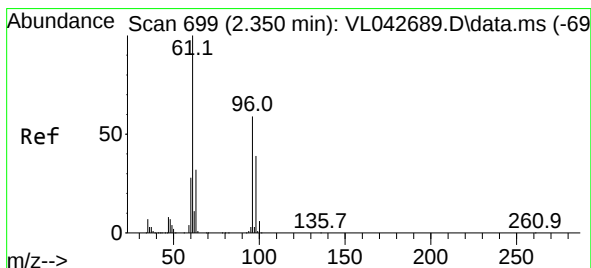
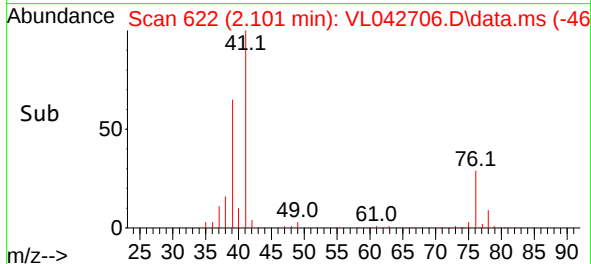
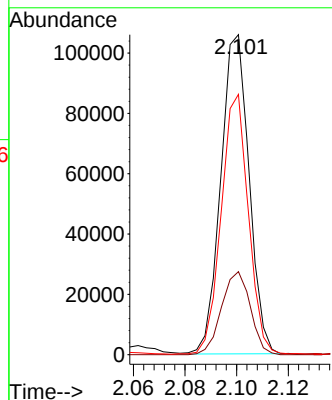
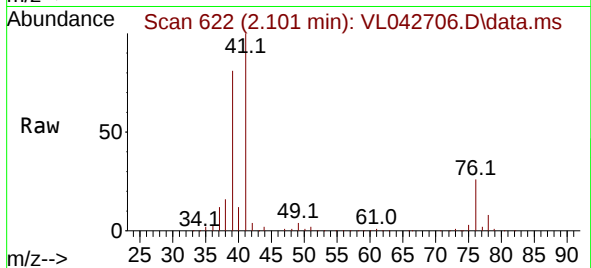
VSTDCCC010

Tgt Ion: 41 Resp: 80768
 Ion Ratio Lower Upper
 41 100
 76 26.3 21.7 32.5
 39 78.2 63.4 95.2

Manual Integrations

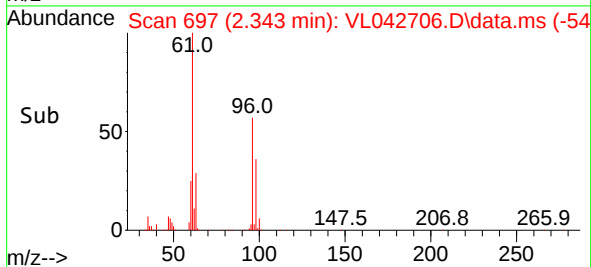
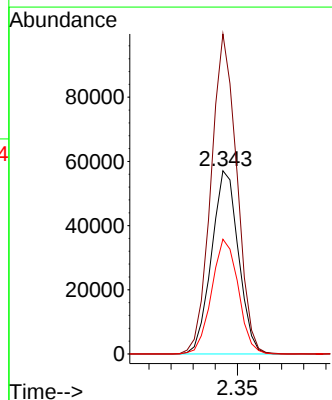
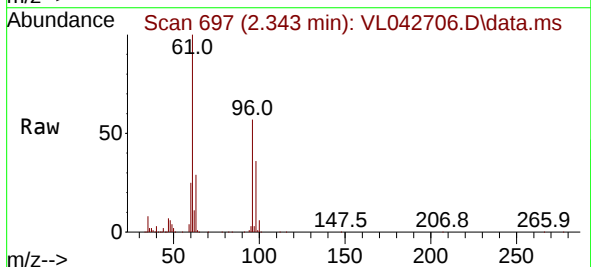
APPROVED

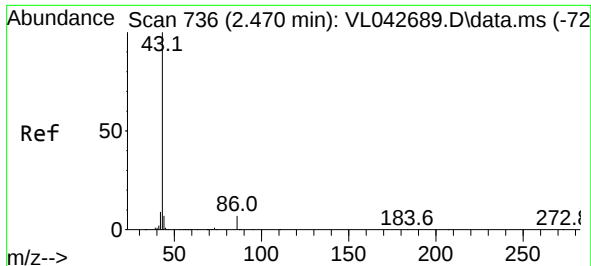
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.720 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 96 Resp: 48252
 Ion Ratio Lower Upper
 96 100
 61 174.5 136.5 204.7
 98 62.6 53.5 80.3





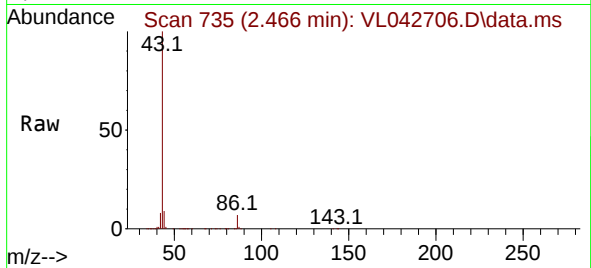
#23
 Vinyl Acetate
 Concen: 10.518 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

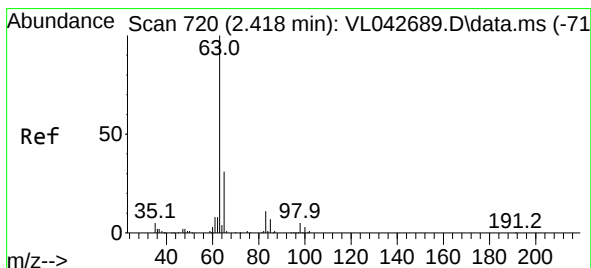
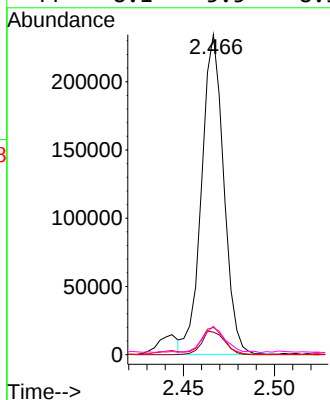
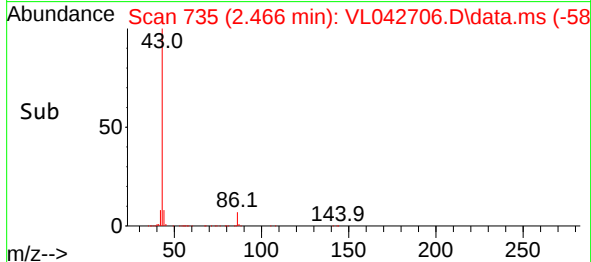


Tgt Ion: 43 Resp: 198190
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.8 8.6
 42 8.4 7.2 10.8
 44 8.1 5.5 8.3

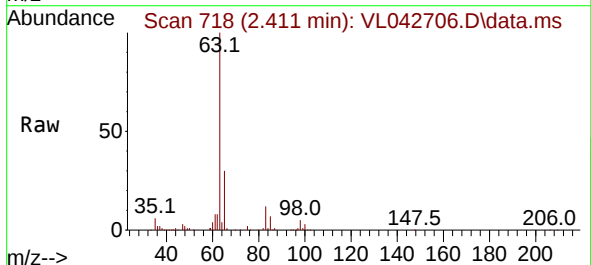
Manual Integrations

APPROVED

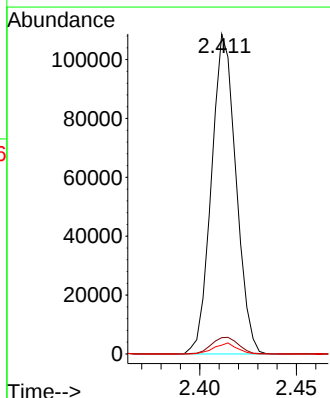
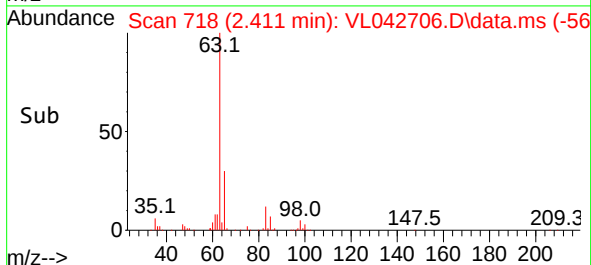
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

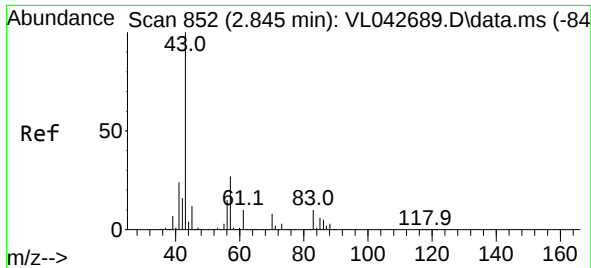


#24
 1,1-Dichloroethane
 Concen: 9.357 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55



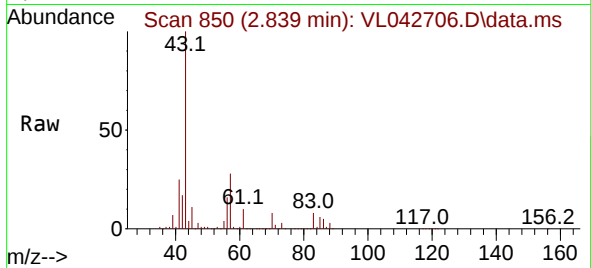
Tgt Ion: 63 Resp: 96006
 Ion Ratio Lower Upper
 63 100
 98 5.1 2.5 7.6
 100 2.7 1.7 5.0





#25
Ethyl Acetate
Concen: 10.342 ppbv
RT: 2.839 min Scan# 847
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

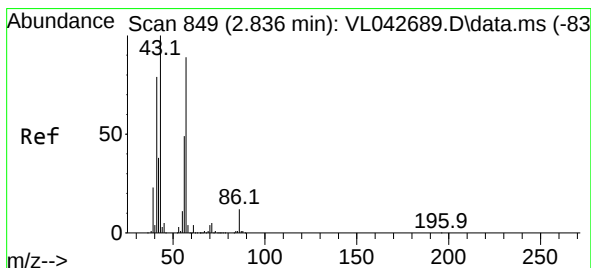
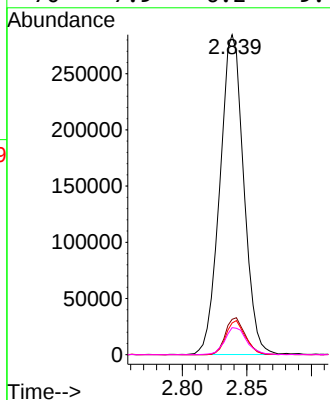
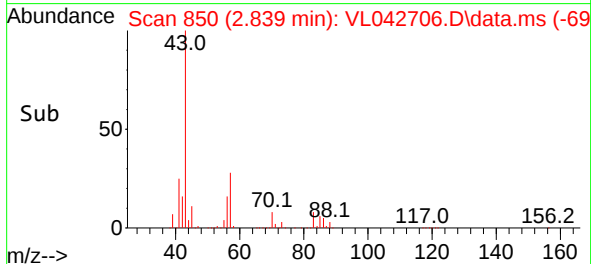
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 364260
Ion Ratio Lower Upper
43 100
45 9.7 8.1 12.1
61 8.8 7.0 10.6
70 7.9 6.2 9.4

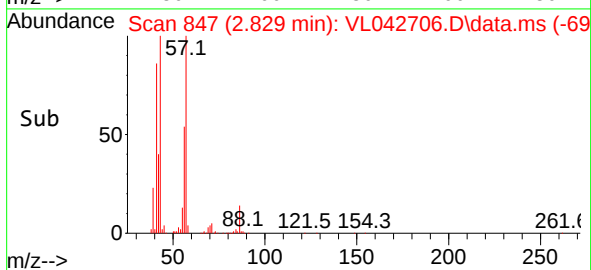
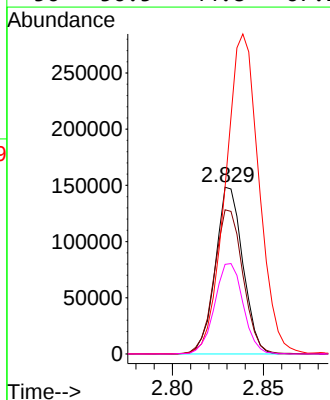
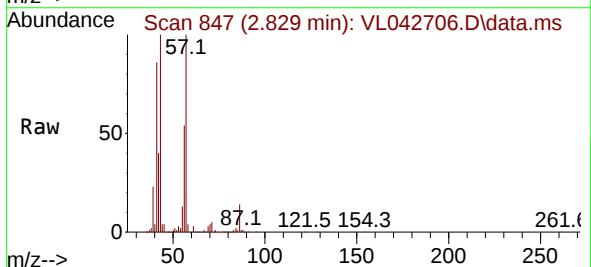
Manual Integrations
APPROVED

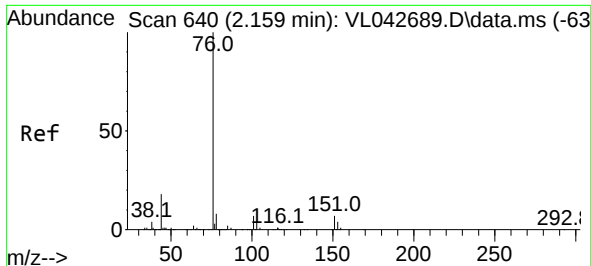
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#26
Hexane
Concen: 10.566 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

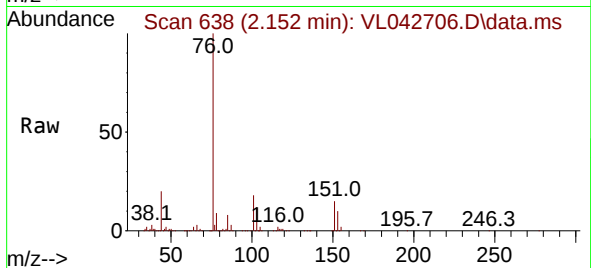
Tgt Ion: 57 Resp: 155263
Ion Ratio Lower Upper
57 100
41 91.7 73.7 110.5
43 235.6 190.6 285.8
56 56.5 44.8 67.2





#27
Carbon Disulfide
Concen: 10.096 ppbv
RT: 2.152 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

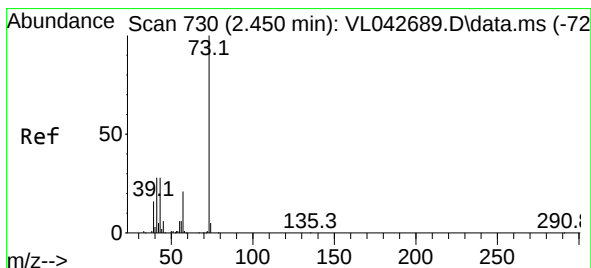
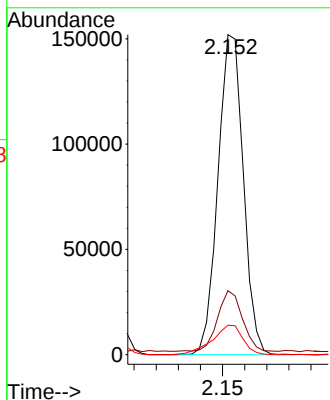
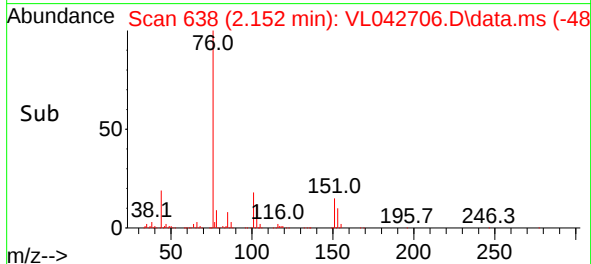
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



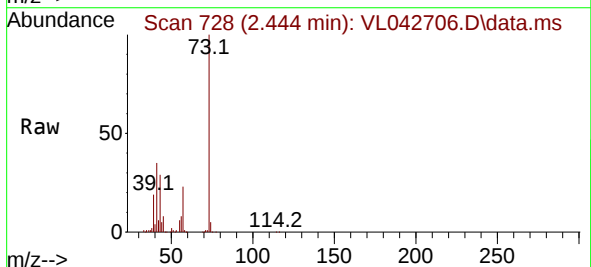
Tgt Ion: 76 Resp: 120990
Ion Ratio Lower Upper
76 100
44 18.8 15.6 23.4
78 11.2 9.2 13.8

Manual Integrations
APPROVED

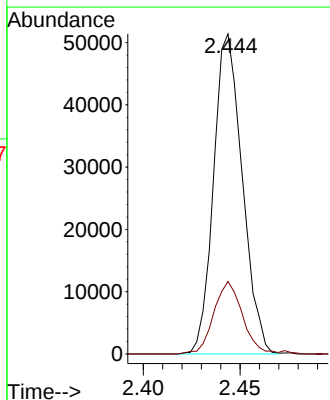
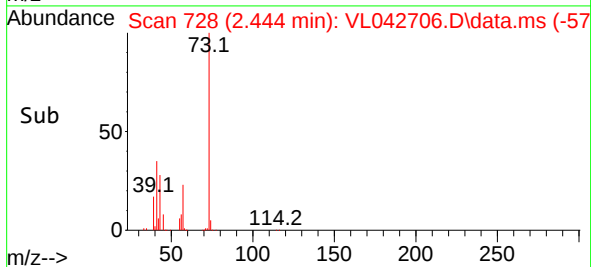
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

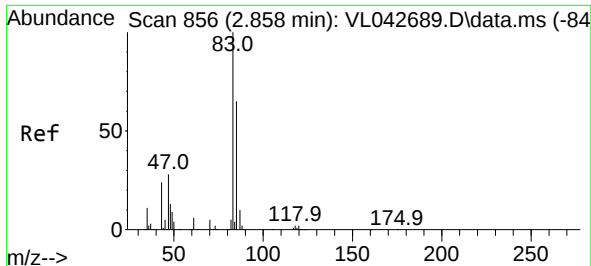


#28
Methyl tert-Butyl Ether
Concen: 8.816 ppbv
RT: 2.444 min Scan# 728
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



Tgt Ion: 73 Resp: 53007
Ion Ratio Lower Upper
73 100
57 22.9 19.3 28.9





#29

Chloroform

Concen: 9.703 ppbv

RT: 2.855 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 21538

Ion Ratio Lower Upper

83 100

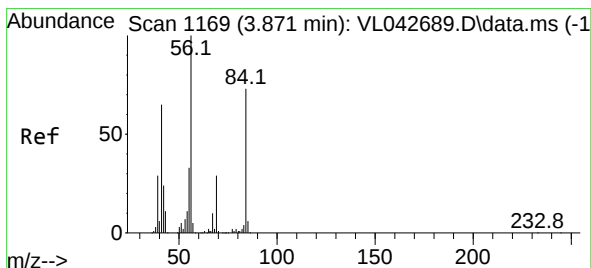
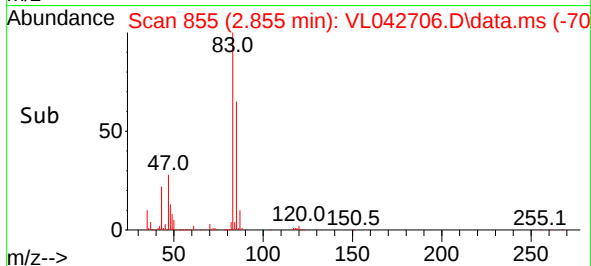
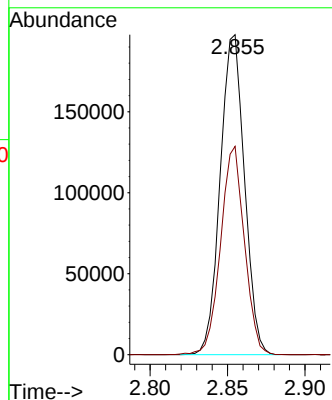
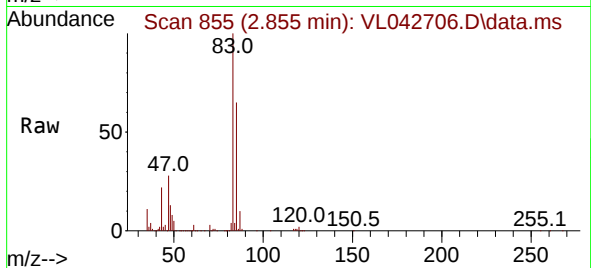
85 65.1 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#30

Cyclohexane

Concen: 10.796 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

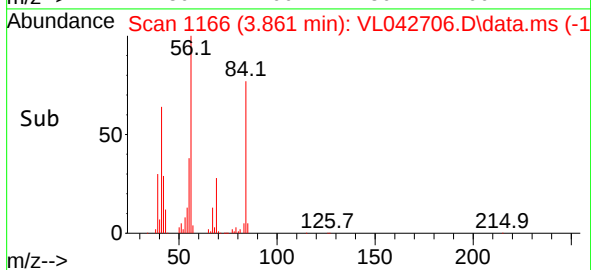
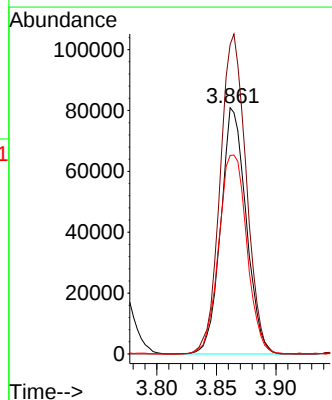
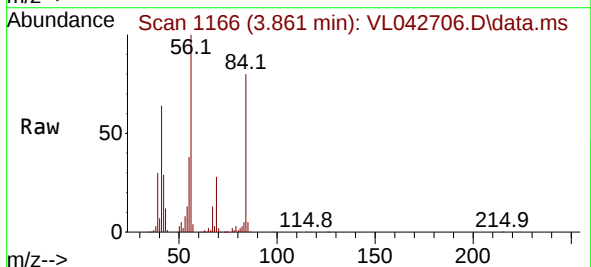
Tgt Ion: 84 Resp: 119623

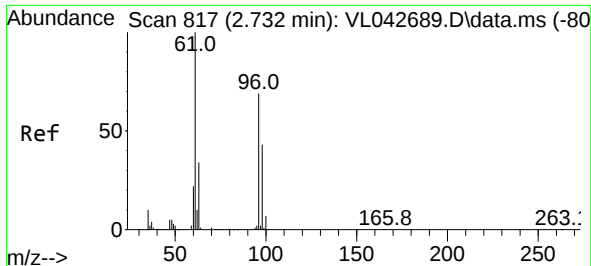
Ion Ratio Lower Upper

84 100

56 133.2 110.4 165.6

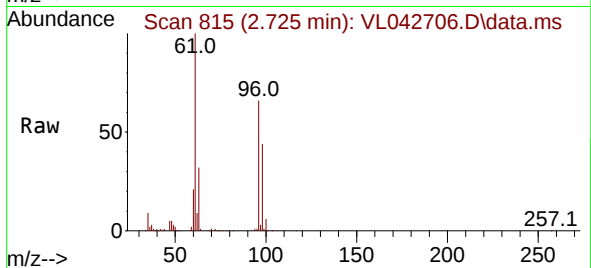
41 89.4 71.4 107.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.749 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

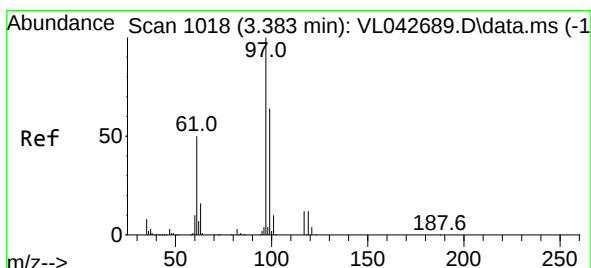
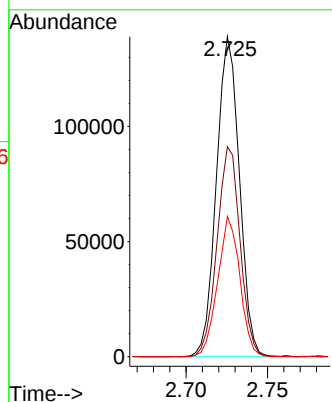
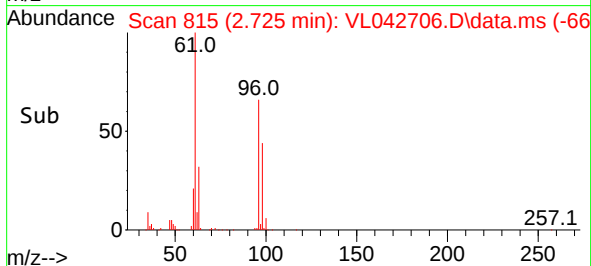
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



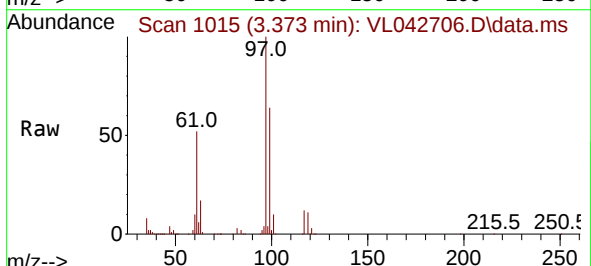
Tgt Ion: 61 Resp: 136348
 Ion Ratio Lower Upper
 61 100
 96 65.7 54.8 82.2
 98 43.8 34.7 52.1

Manual Integrations
 APPROVED

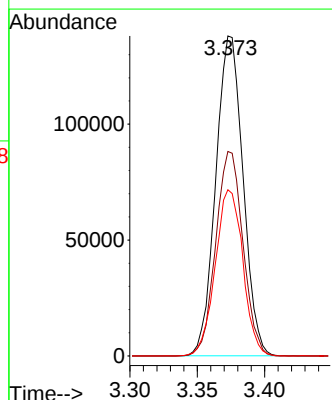
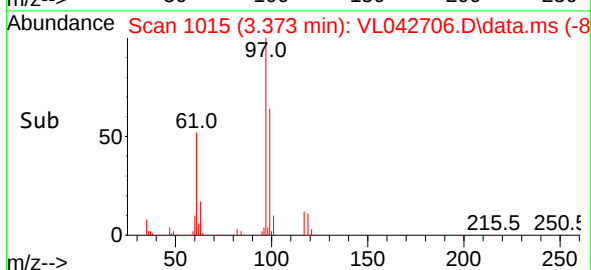
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

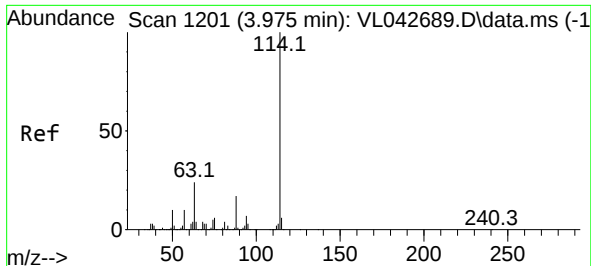


#32
 1,1,1-Trichloroethane
 Concen: 9.128 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.010 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55



Tgt Ion: 97 Resp: 194399
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.4 77.0
 61 52.6 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

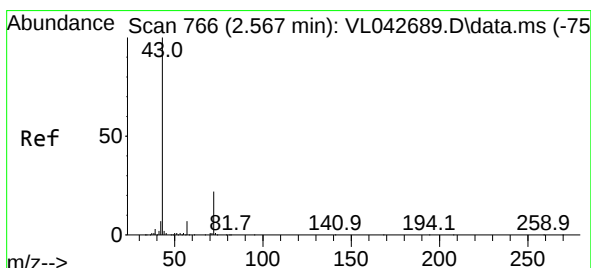
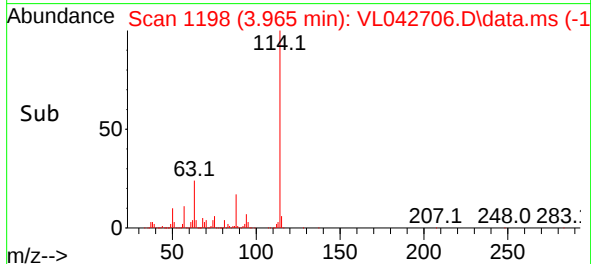
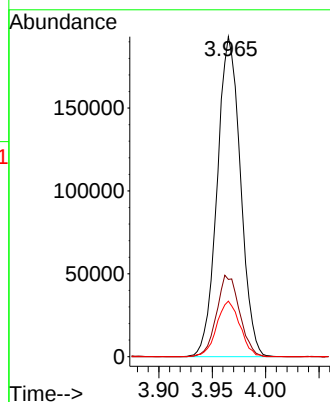
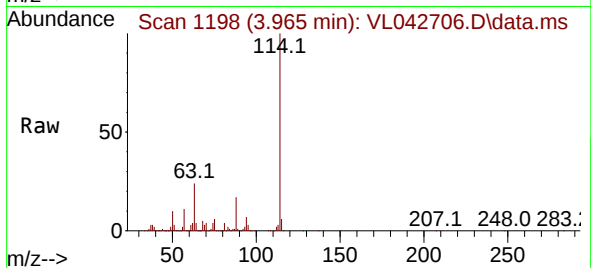
Tgt Ion:114 Resp: 292679

Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.4	30.6
88	17.4	14.2	21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#34

2-Butanone

Concen: 10.053 ppbv

RT: 2.560 min Scan# 764

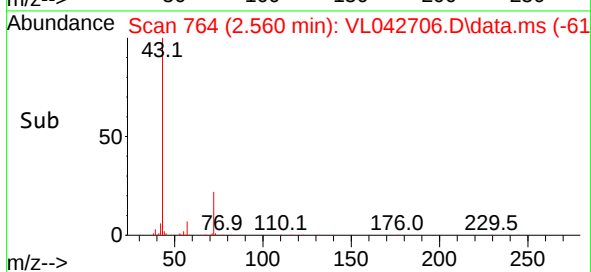
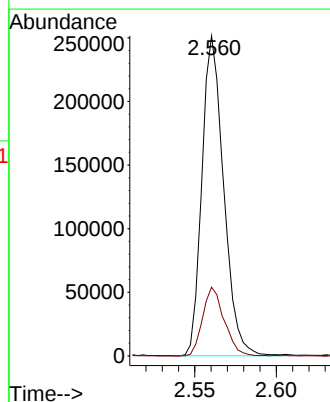
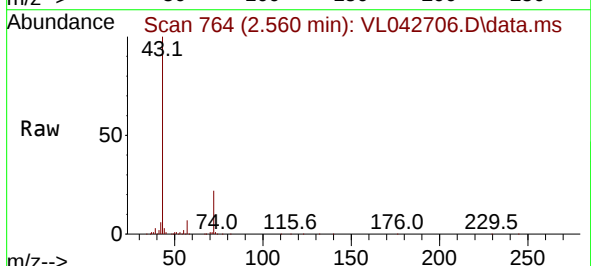
Delta R.T. -0.007 min

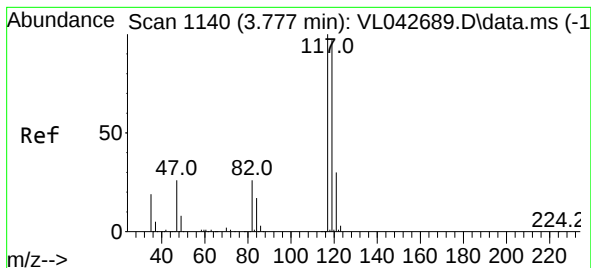
Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion: 43 Resp: 232880

Ion	Ratio	Lower	Upper
43	100		
72	21.4	17.1	25.7





#35

Carbon Tetrachloride

Concen: 9.613 ppbv

RT: 3.771 min Scan# 1140

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 19466

Ion Ratio Lower Upper

117 100

119 94.8 77.6 116.4

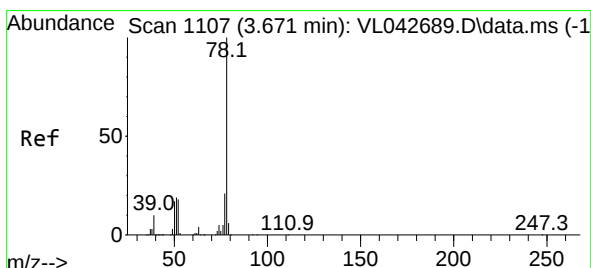
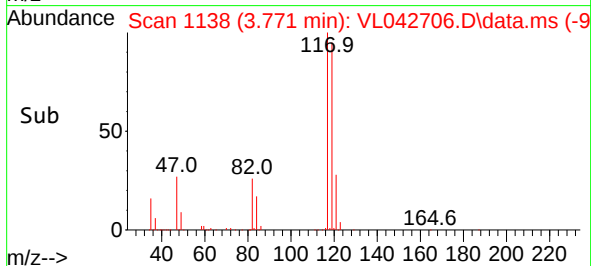
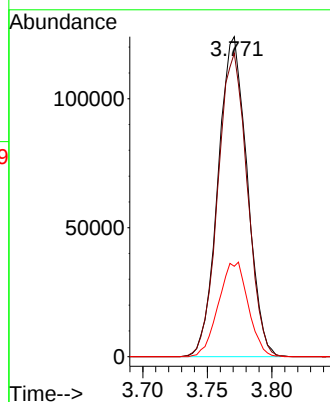
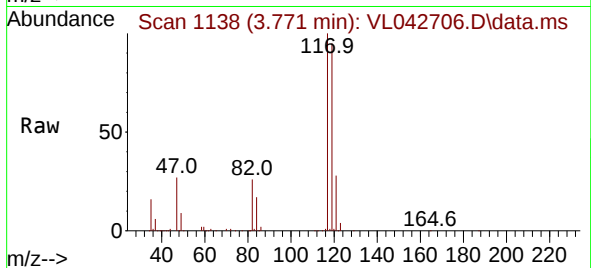
121 28.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#36

Benzene

Concen: 10.092 ppbv

RT: 3.664 min Scan# 1105

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

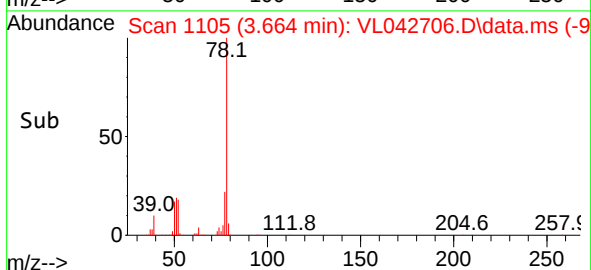
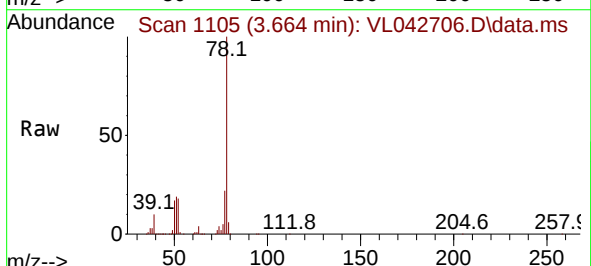
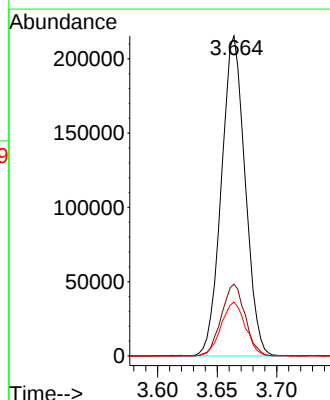
Tgt Ion: 78 Resp: 297705

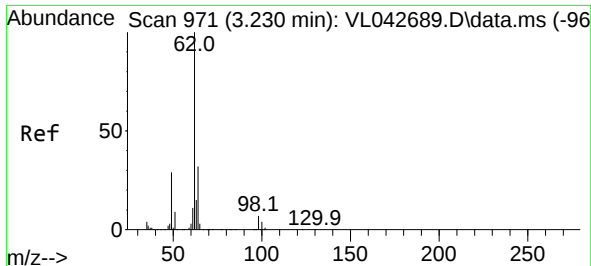
Ion Ratio Lower Upper

78 100

77 22.4 17.0 25.4

50 16.9 13.7 20.5





#37

1,2-Dichloroethane

Concen: 9.593 ppbv

RT: 3.224 min Scan# 91

Delta R.T. -0.007 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 15029

Ion Ratio Lower Upper

62 100

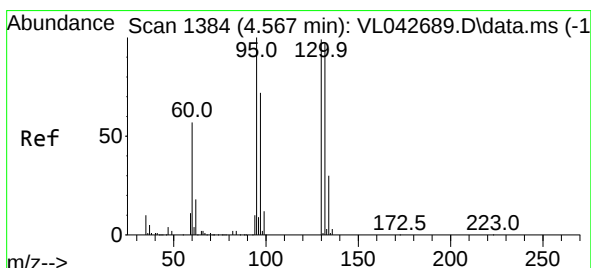
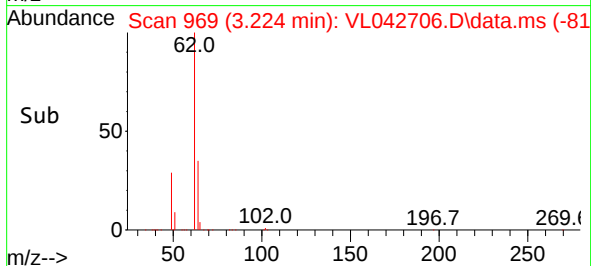
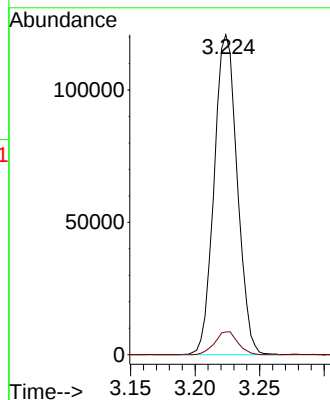
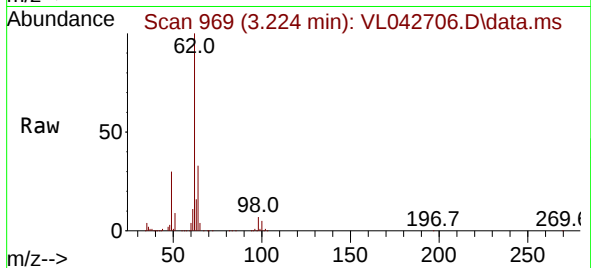
98 7.1 5.8 8.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#38

Trichloroethene

Concen: 9.028 ppbv

RT: 4.557 min Scan# 1381

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion:130 Resp: 115053

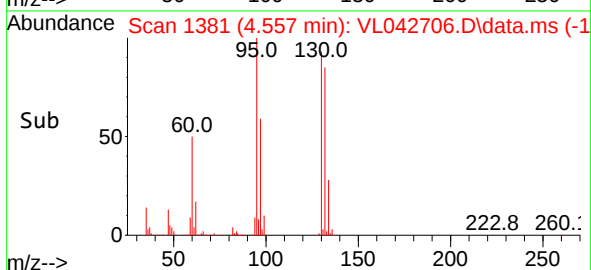
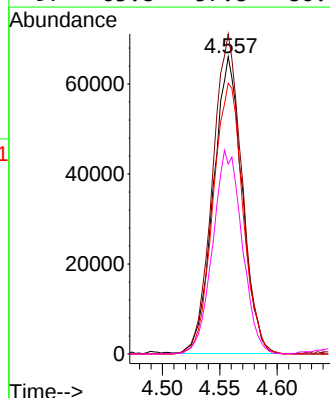
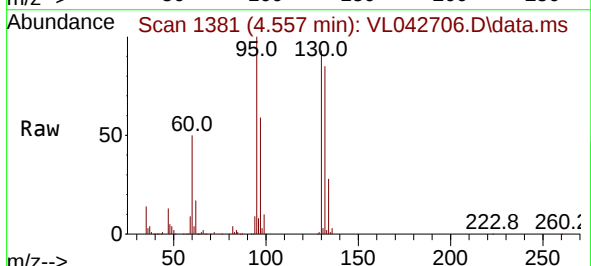
Ion Ratio Lower Upper

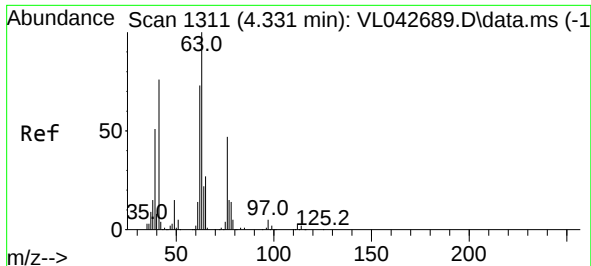
130 100

95 107.5 81.1 121.7

132 91.0 77.9 116.9

97 63.8 57.8 86.8





#39

1,2-Dichloropropane

Concen: 9.975 ppbv

RT: 4.321 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

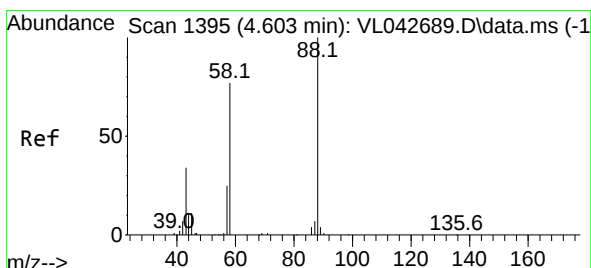
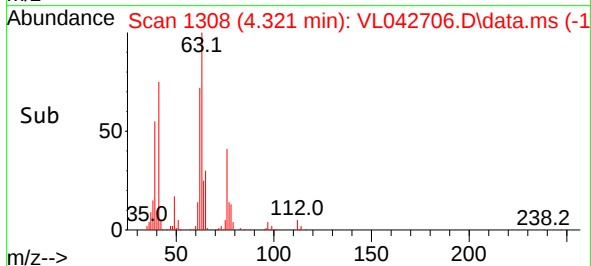
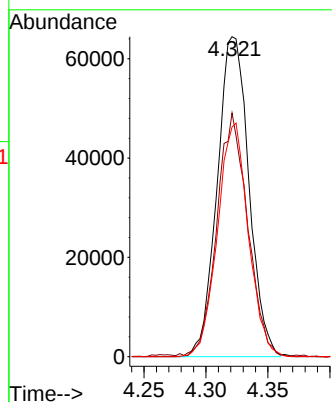
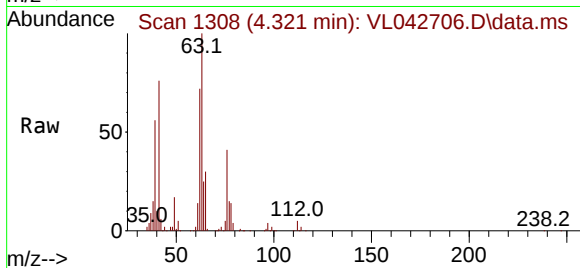
Tgt Ion: 63 Resp: 114754

Ion	Ratio	Lower	Upper
63	100		
41	75.8	60.8	91.2
62	71.8	58.6	87.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#40

1,4-Dioxane

Concen: 10.457 ppbv

RT: 4.590 min Scan# 1391

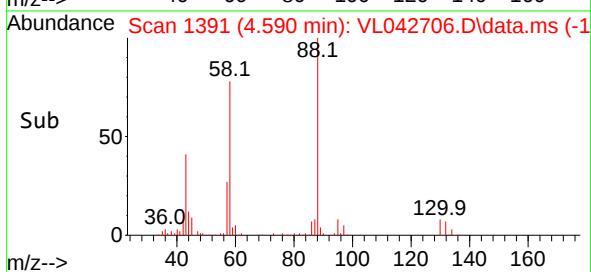
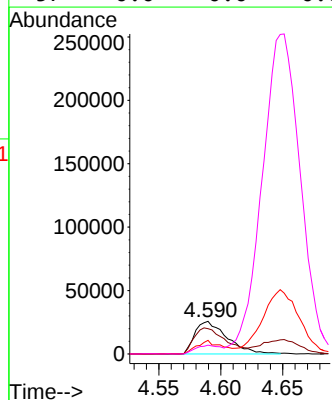
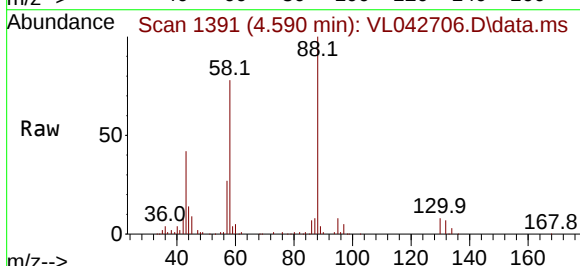
Delta R.T. -0.013 min

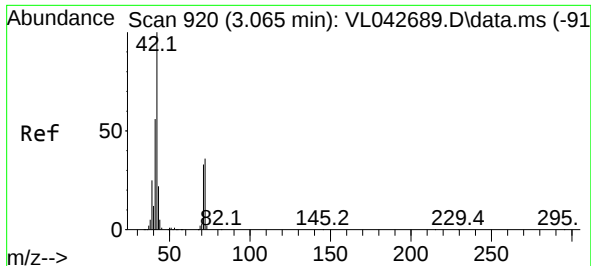
Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion: 88 Resp: 46617

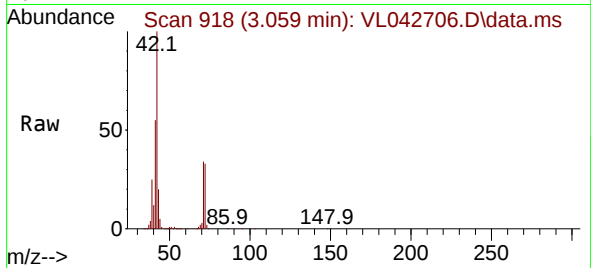
Ion	Ratio	Lower	Upper
88	100		
58	81.3	62.1	93.1
43	36.1	26.2	39.2
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.715 ppbv
RT: 3.059 min Scan# 918
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

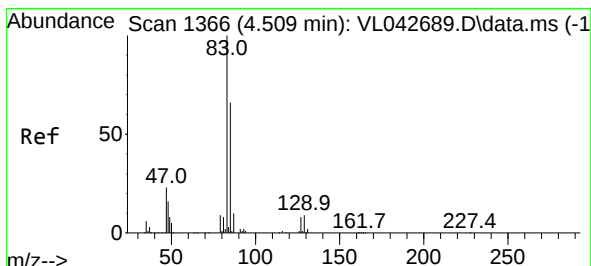
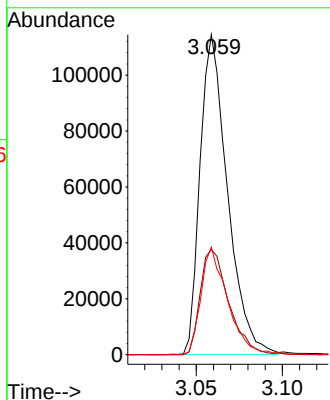
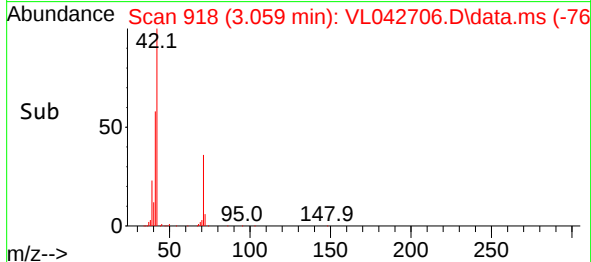
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



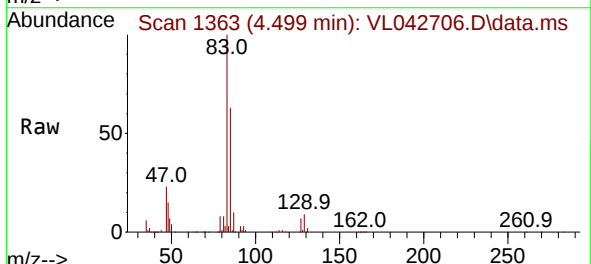
Tgt Ion: 42 Resp: 126483
Ion Ratio Lower Upper
42 100
72 34.3 28.2 42.4
71 32.8 25.4 38.0

Manual Integrations
APPROVED

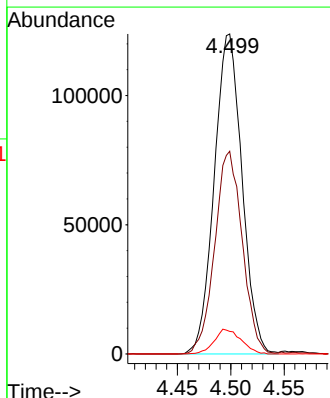
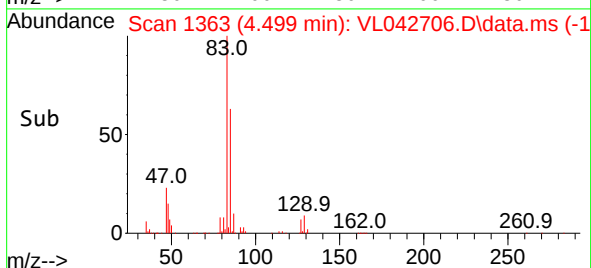
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

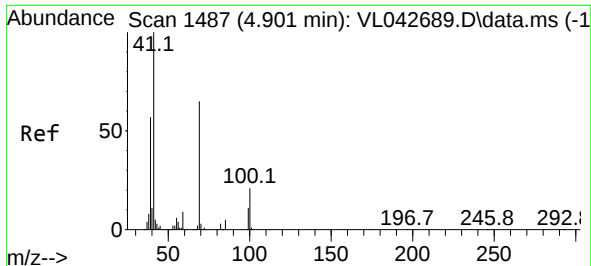


#42
Bromodichloromethane
Concen: 10.096 ppbv
RT: 4.499 min Scan# 1363
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



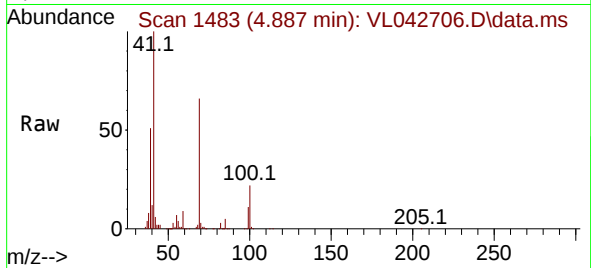
Tgt Ion: 83 Resp: 224021
Ion Ratio Lower Upper
83 100
85 63.4 52.5 78.7
127 7.0 6.1 9.1





#43
Methyl Methacrylate
Concen: 11.293 ppbv
RT: 4.887 min Scan# 1487
Delta R.T. -0.013 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

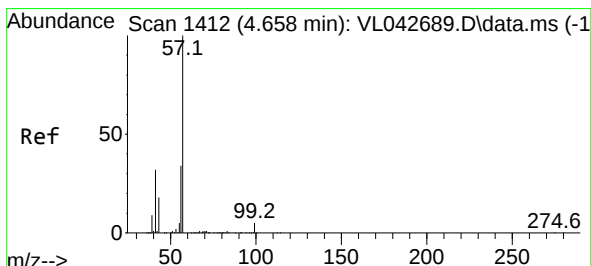
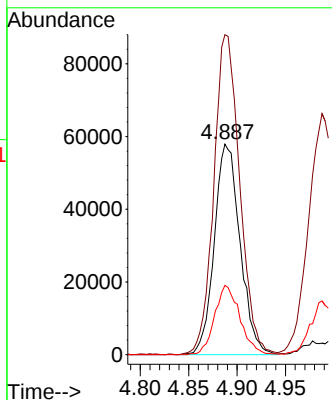
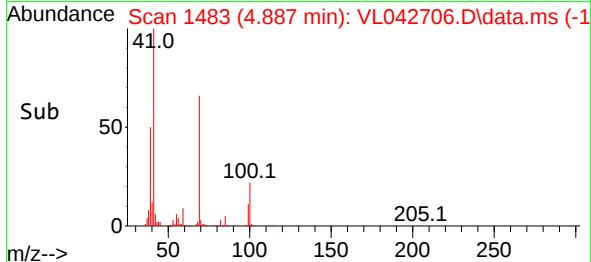
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



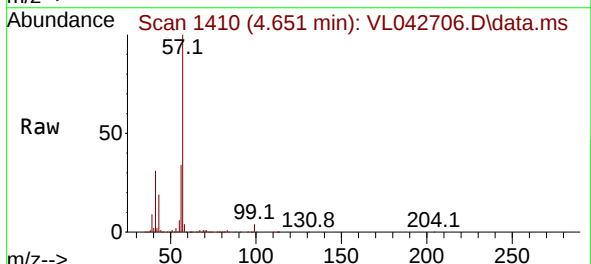
Tgt Ion: 69 Resp: 107128
Ion Ratio Lower Upper
69 100
41 152.9 125.4 188.2
100 32.3 26.4 39.6

Manual Integrations
APPROVED

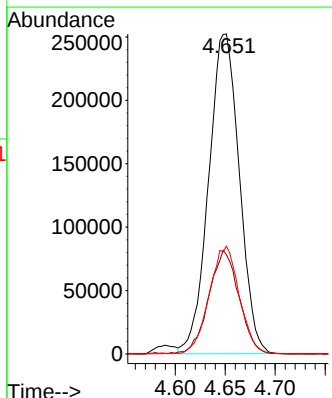
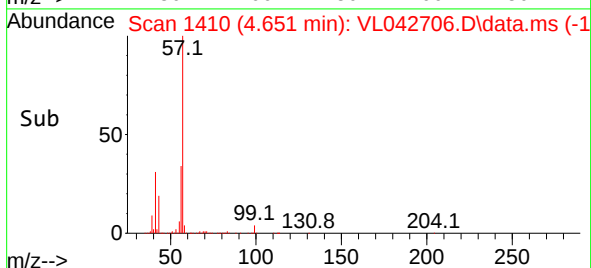
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

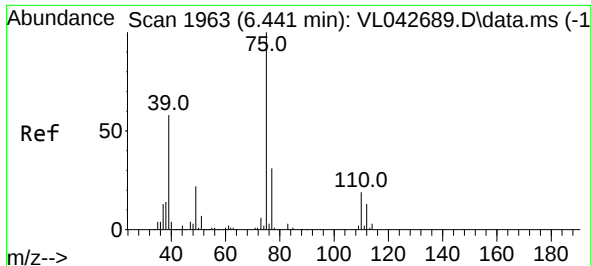


#44
2,2,4-Trimethylpentane
Concen: 10.890 ppbv
RT: 4.651 min Scan# 1410
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



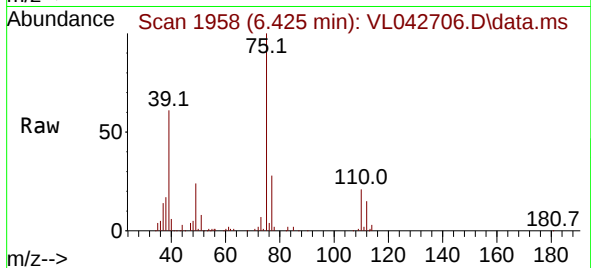
Tgt Ion: 57 Resp: 539635
Ion Ratio Lower Upper
57 100
41 32.1 25.2 37.8
56 33.1 26.3 39.5





#45
 t-1,3-Dichloropropene
 Concen: 10.516 ppbv
 RT: 6.425 min Scan# 1963
 Delta R.T. -0.016 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

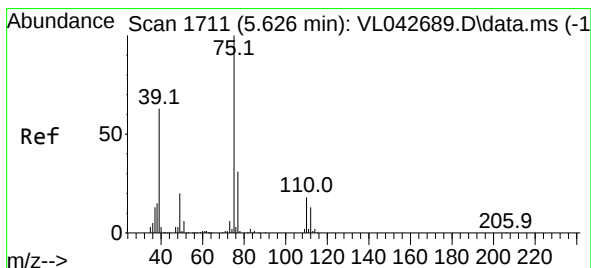
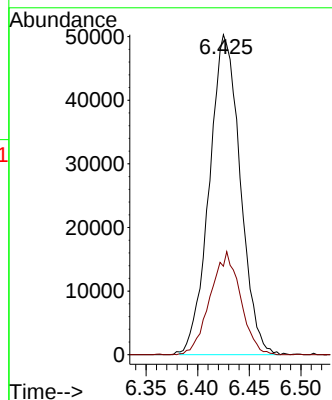
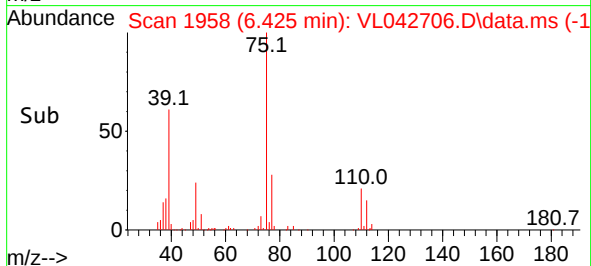
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 75 Resp: 104712
 Ion Ratio Lower Upper
 75 100
 77 27.7 25.0 37.4

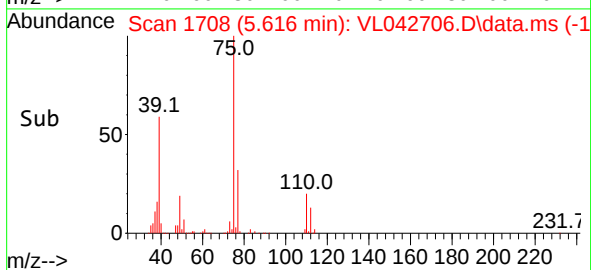
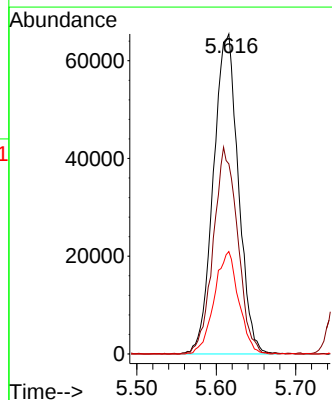
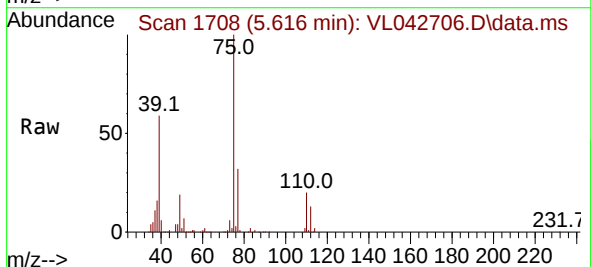
Manual Integrations
 APPROVED

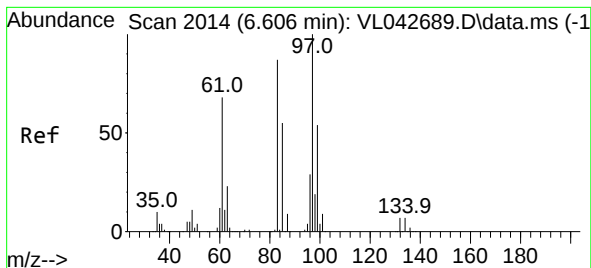
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#46
 cis-1,3-Dichloropropene
 Concen: 10.379 ppbv
 RT: 5.616 min Scan# 1708
 Delta R.T. -0.010 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 75 Resp: 142602
 Ion Ratio Lower Upper
 75 100
 39 59.3 50.6 75.8
 77 32.0 24.8 37.2





#47

1,1,2-Trichloroethane

Concen: 10.123 ppbv

RT: 6.593 min Scan# 2014

Delta R.T. -0.013 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 11469

Ion Ratio Lower Upper

97 100

83 85.1 69.3 103.9

85 55.4 43.7 65.5

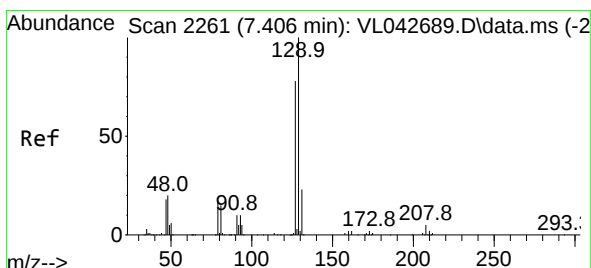
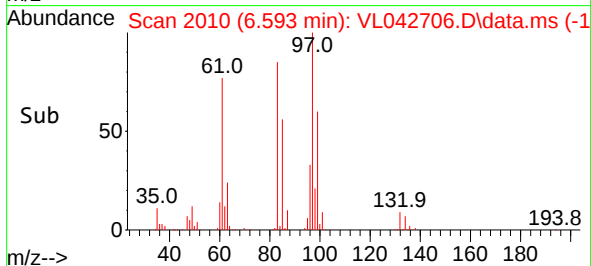
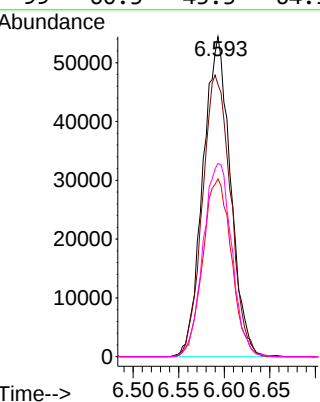
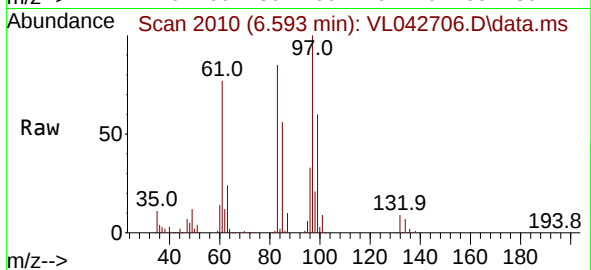
99 60.3 43.3 64.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#48

Dibromochloromethane

Concen: 10.203 ppbv

RT: 7.396 min Scan# 2258

Delta R.T. -0.010 min

Lab File: VL042706.D

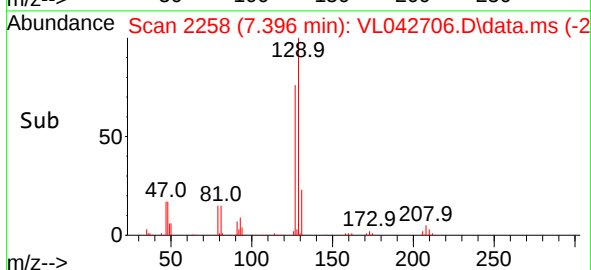
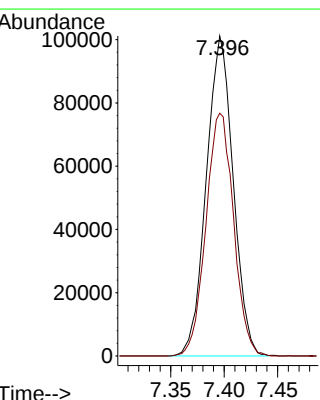
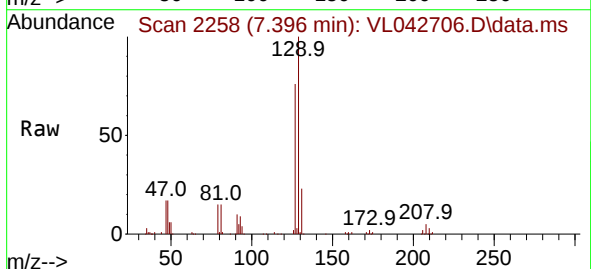
Acq: 08 Jul 2025 08:55

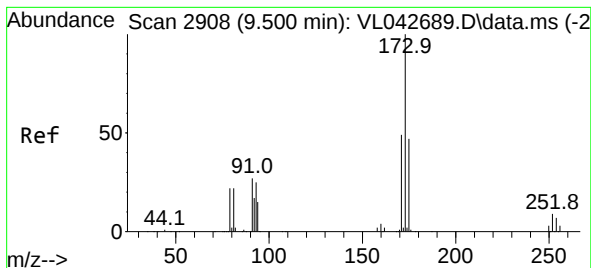
Tgt Ion:129 Resp: 177016

Ion Ratio Lower Upper

129 100

127 78.0 38.3 114.8





#49

Bromoform

Concen: 10.290 ppbv

RT: 9.490 min Scan# 2908

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

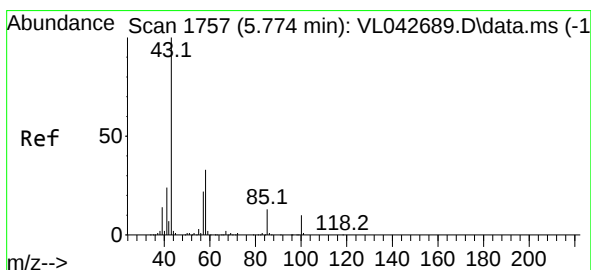
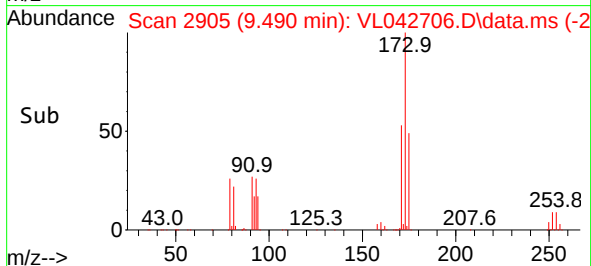
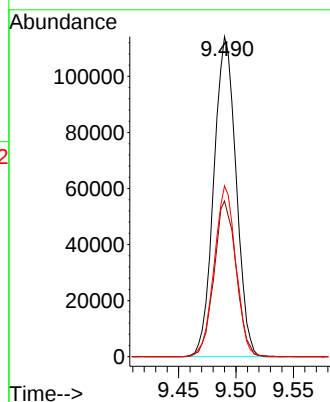
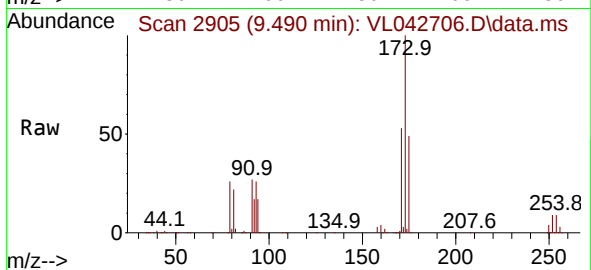
VSTDCCC010

Tgt Ion:173 Resp: 154200
 Ion Ratio Lower Upper
 173 100
 175 48.3 38.6 57.8
 171 51.8 40.3 60.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#50

4-Methyl-2-Pentanone

Concen: 11.215 ppbv

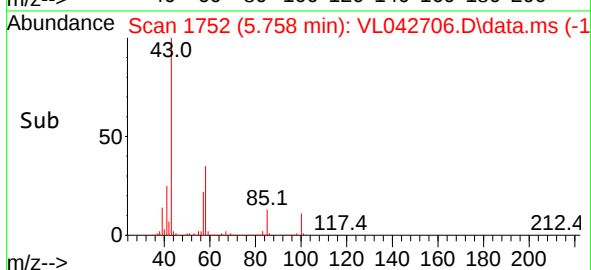
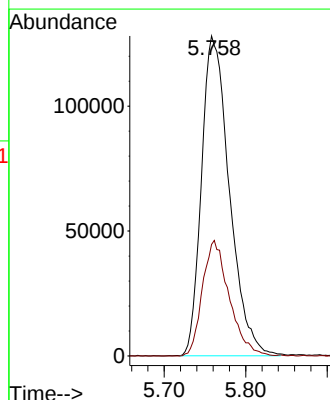
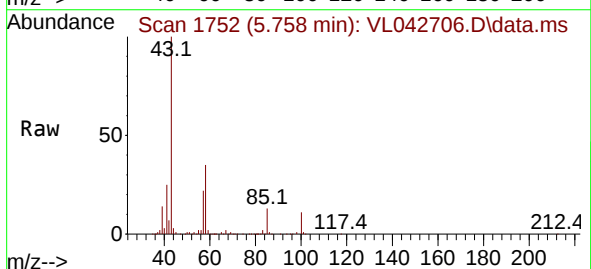
RT: 5.758 min Scan# 1752

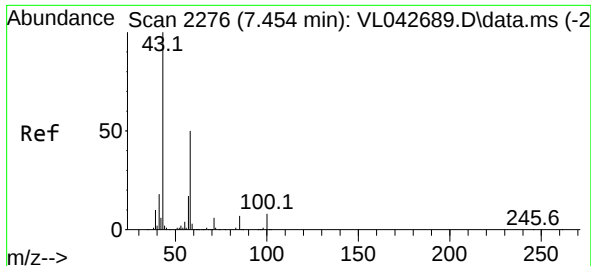
Delta R.T. -0.016 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

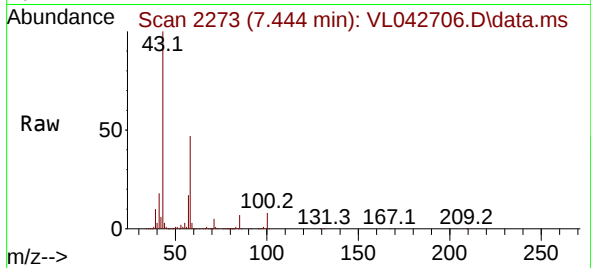
Tgt Ion: 43 Resp: 304211
 Ion Ratio Lower Upper
 43 100
 58 34.8 27.5 41.3





#51
2-Hexanone
Concen: 11.993 ppbv
RT: 7.444 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

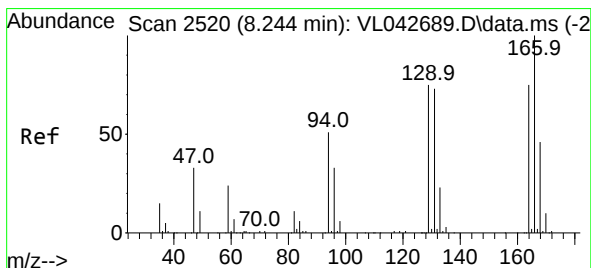
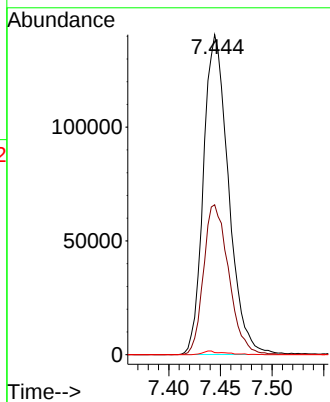
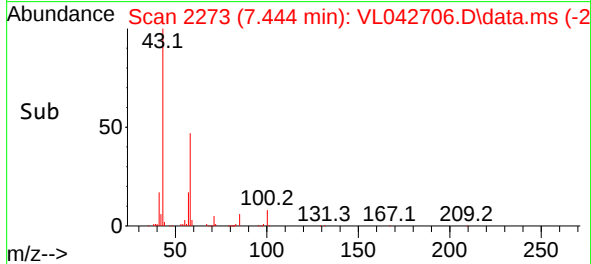
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 236690
Ion Ratio Lower Upper
43 100
58 47.4 38.6 57.8
98 1.0 0.6 1.0

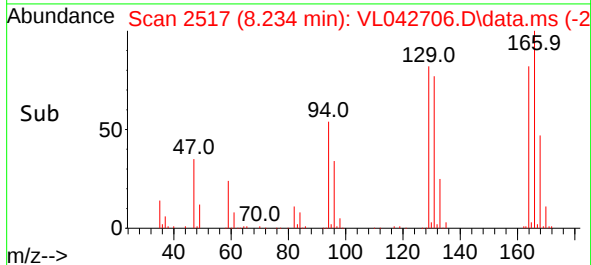
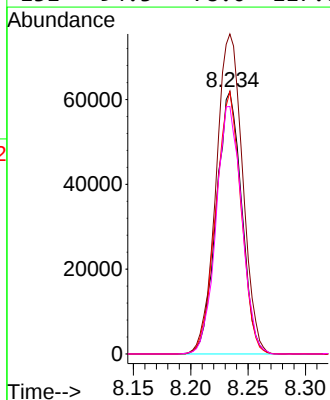
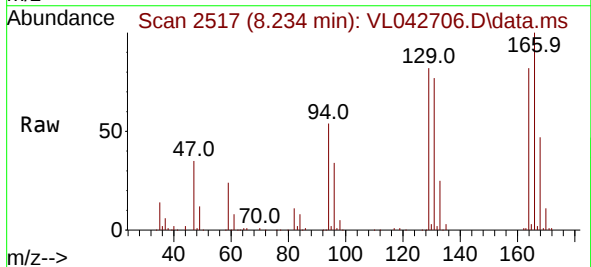
Manual Integrations
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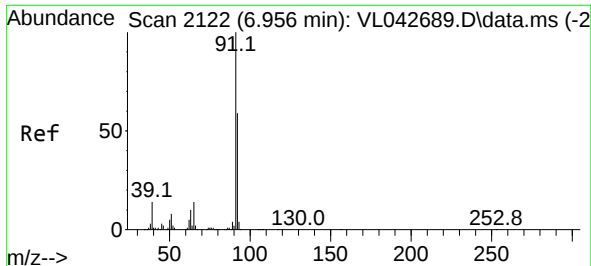
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#52
Tetrachloroethene
Concen: 9.645 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

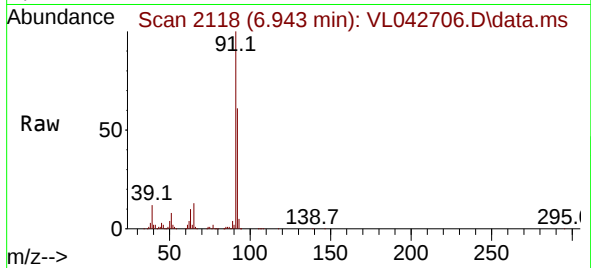
Tgt Ion:164 Resp: 95096
Ion Ratio Lower Upper
164 100
166 121.9 106.6 160.0
129 99.9 79.8 119.6
131 94.3 78.0 117.0





#53
Toluene
Concen: 11.256 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.013 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

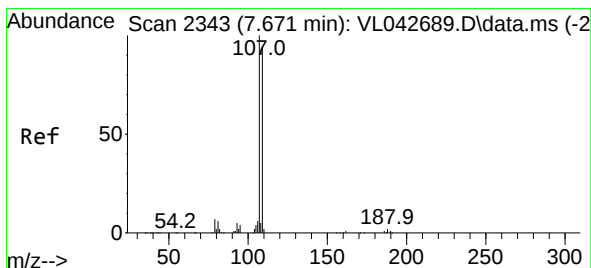
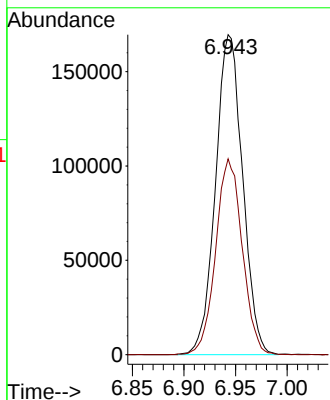
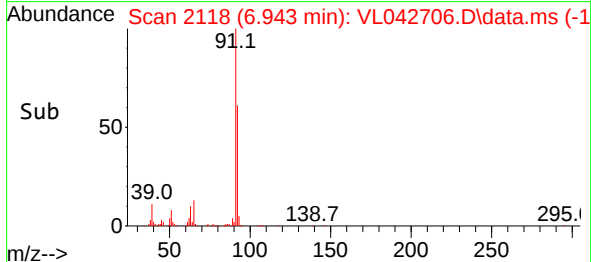
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



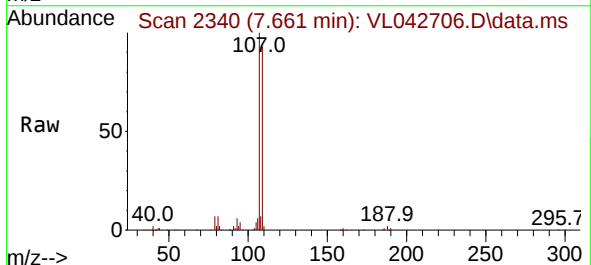
Tgt Ion: 91 Resp: 310018
Ion Ratio Lower Upper
91 100
92 59.9 47.4 71.2

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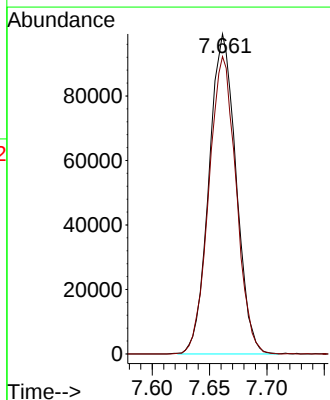
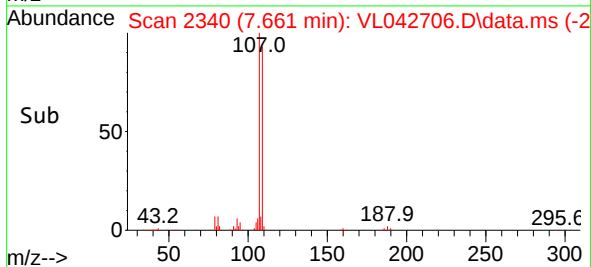
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

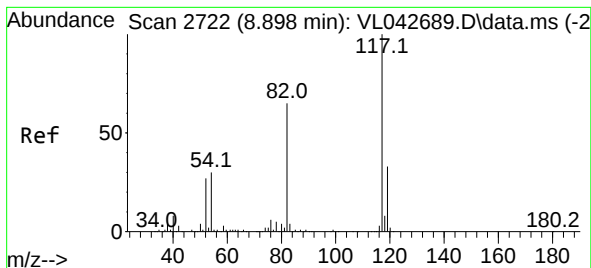


#54
1,2-Dibromoethane
Concen: 10.318 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. -0.010 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



Tgt Ion:107 Resp: 162972
Ion Ratio Lower Upper
107 100
109 92.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

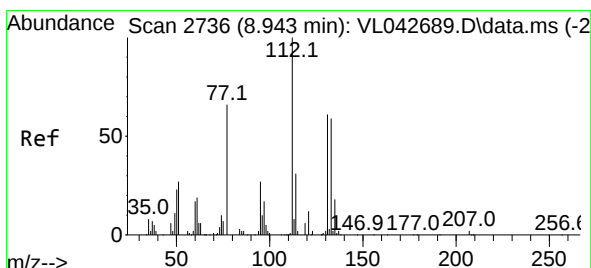
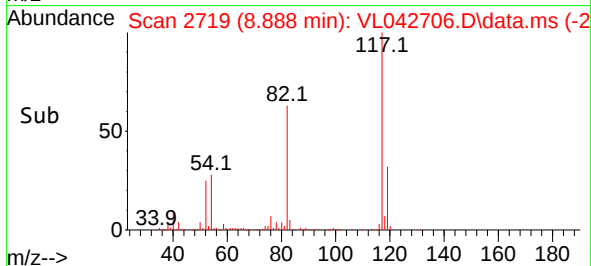
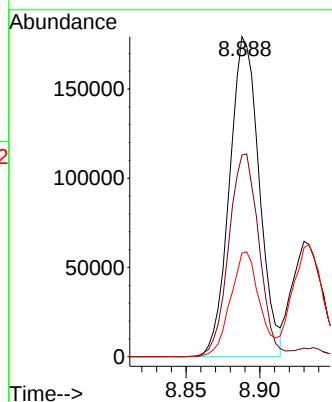
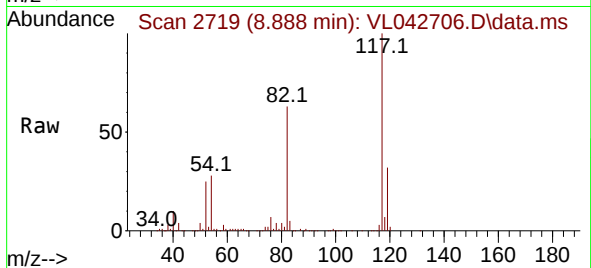
Tgt Ion:117 Resp: 25212

Ion	Ratio	Lower	Upper
117	100		
82	66.9	53.4	80.2
119	32.0	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.270 ppbv

RT: 8.930 min Scan# 2732

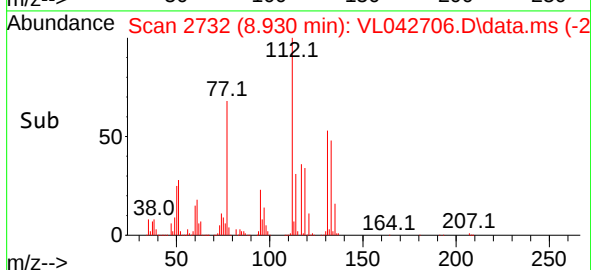
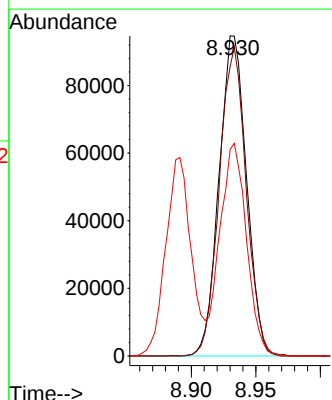
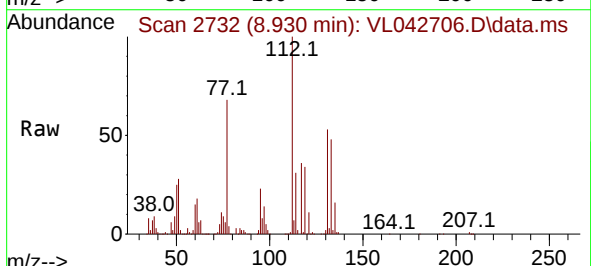
Delta R.T. -0.013 min

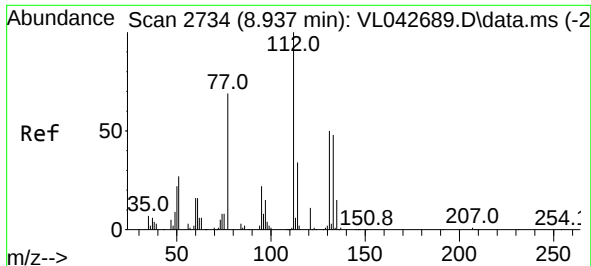
Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Tgt Ion:131 Resp: 140004

Ion	Ratio	Lower	Upper
131	100		
133	94.7	77.3	115.9
119	64.5	52.6	78.8





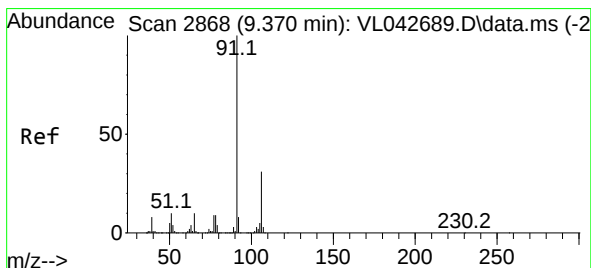
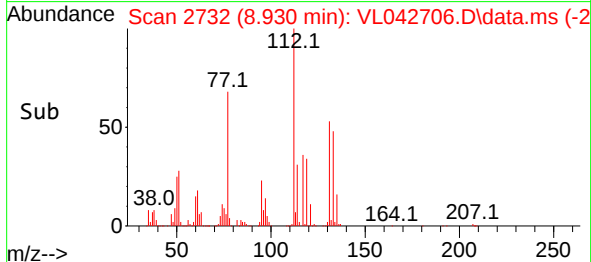
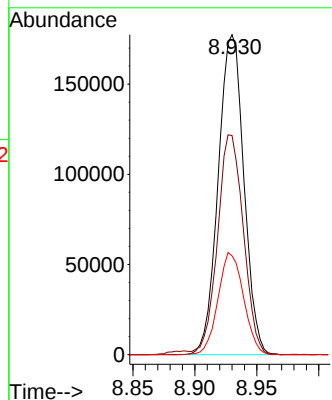
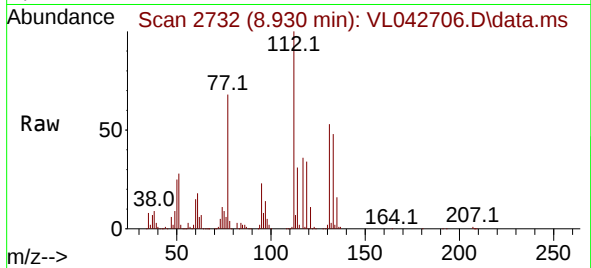
#57
Chlorobenzene
Concen: 10.137 ppbv
RT: 8.930 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 25641
Ion Ratio Lower Upper
112 100
77 68.5 56.2 84.4
114 30.9 30.2 37.0

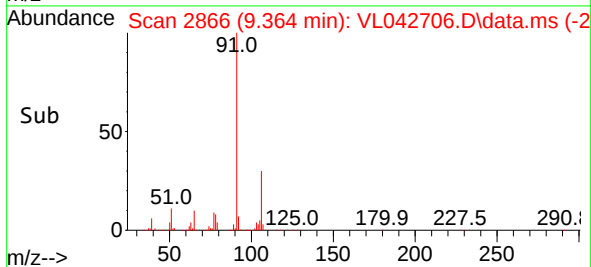
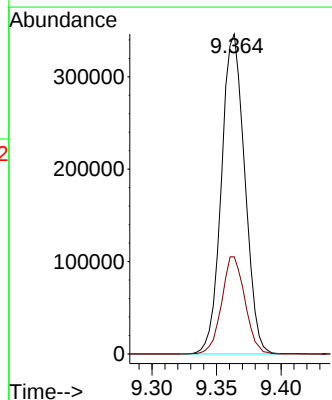
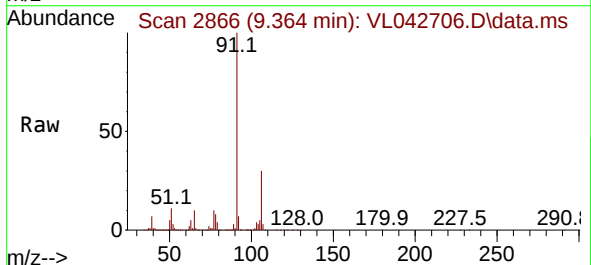
Manual Integrations
APPROVED

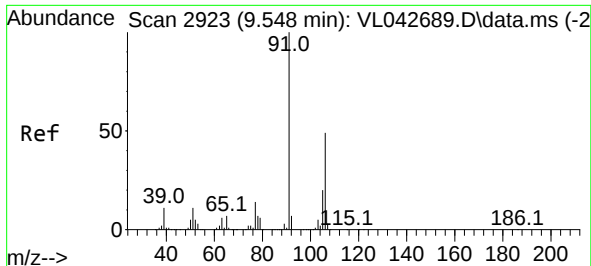
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#58
Ethyl Benzene
Concen: 11.914 ppbv
RT: 9.364 min Scan# 2866
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 91 Resp: 434385
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3





#59

m/p-Xylene

Concen: 23.757 ppbv m

RT: 9.558 min Scan# 2923

Delta R.T. 0.010 min

Lab File: VL042706.D

Acq: 08 Jul 2025 08:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 72552

Ion Ratio Lower Upper

91 100

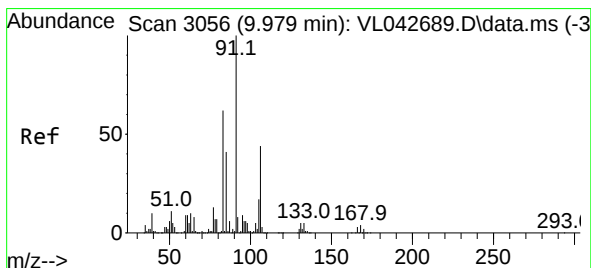
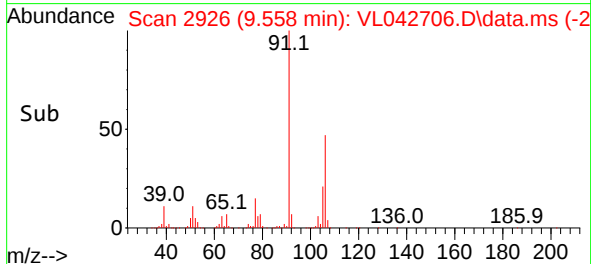
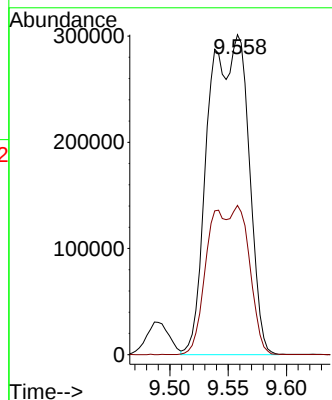
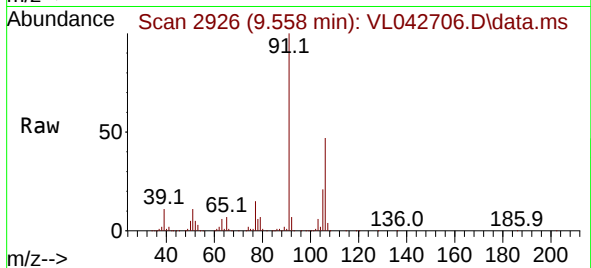
106 0.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/09/2025

Supervised By :Mahesh Dadoda 07/09/2025



#60

o-Xylene

Concen: 11.934 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. -0.007 min

Lab File: VL042706.D

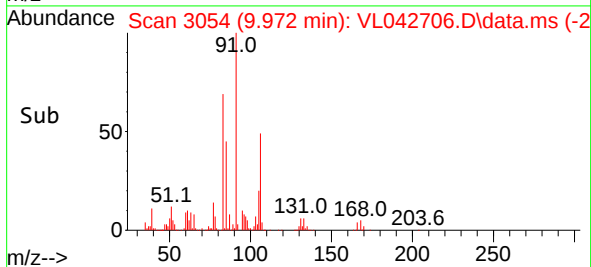
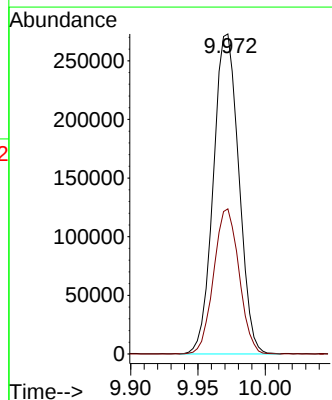
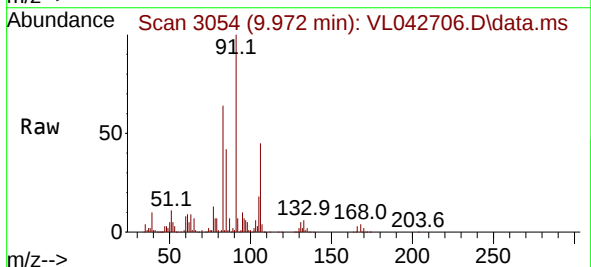
Acq: 08 Jul 2025 08:55

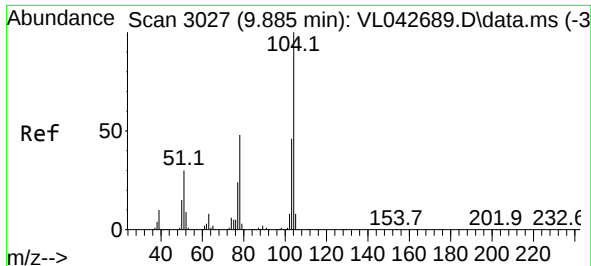
Tgt Ion: 91 Resp: 358517

Ion Ratio Lower Upper

91 100

106 45.2 22.8 68.4





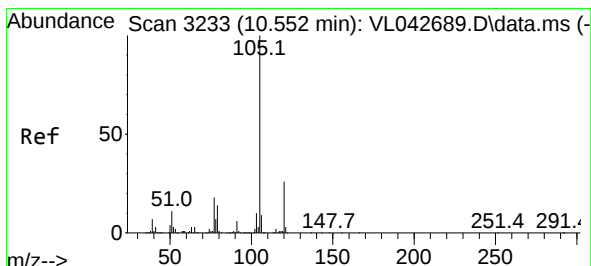
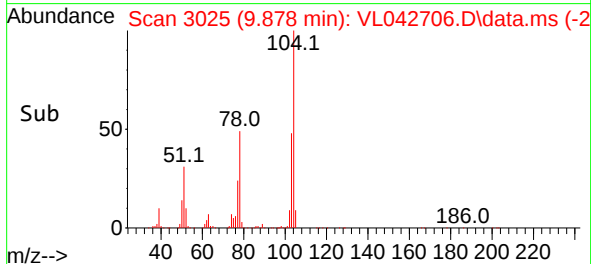
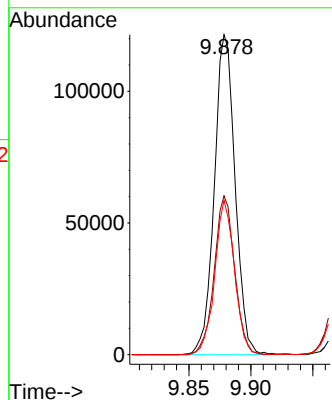
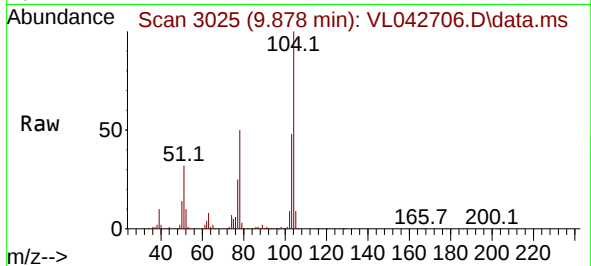
#61
Styrene
Concen: 12.042 ppbv
RT: 9.878 min Scan# 3027
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 142114
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 46.1 37.4 56.0

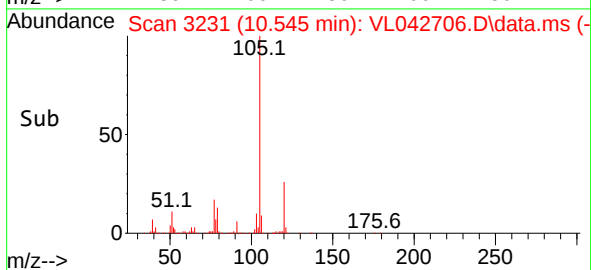
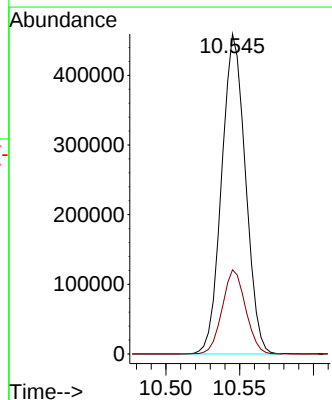
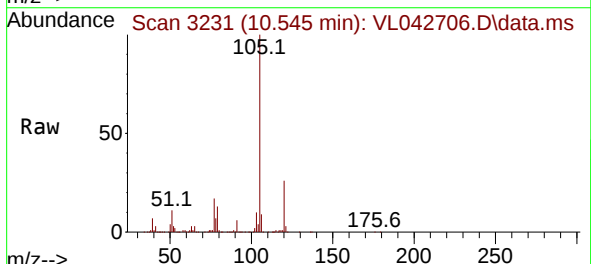
Manual Integrations
APPROVED

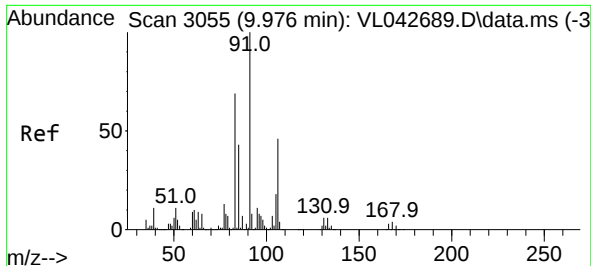
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#62
Isopropylbenzene
Concen: 11.371 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:105 Resp: 515613
Ion Ratio Lower Upper
105 100
120 25.8 20.6 31.0





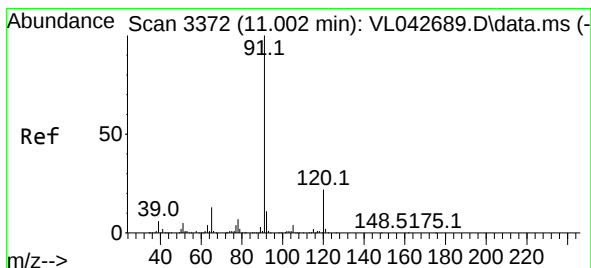
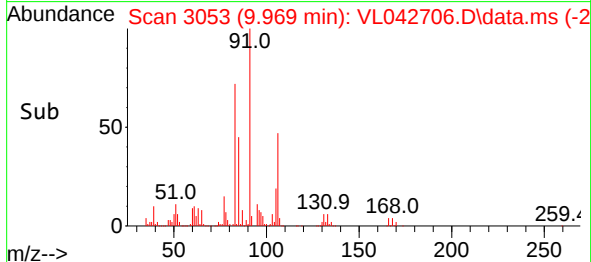
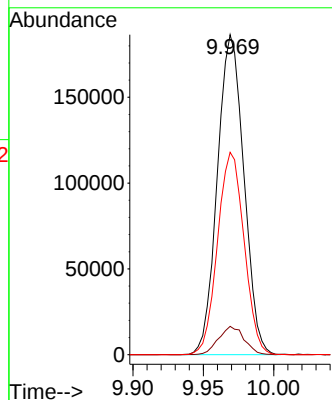
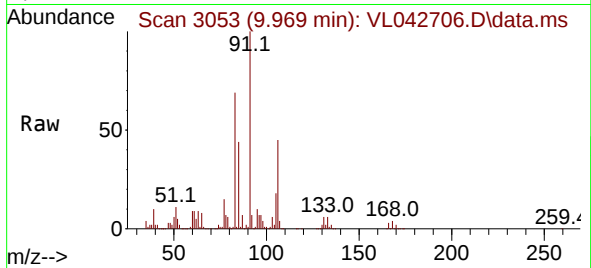
#63
1,1,2,2-Tetrachloroethane
Concen: 10.568 ppbv
RT: 9.969 min Scan# 3055
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 24449
Ion Ratio Lower Upper
83 100
131 8.6 4.5 13.4
85 63.3 31.5 94.5

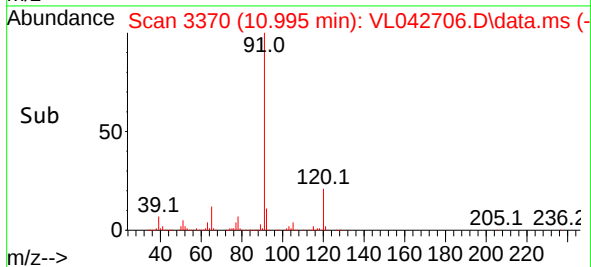
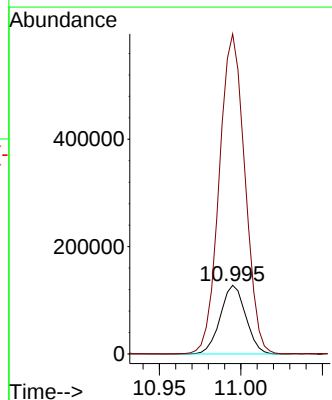
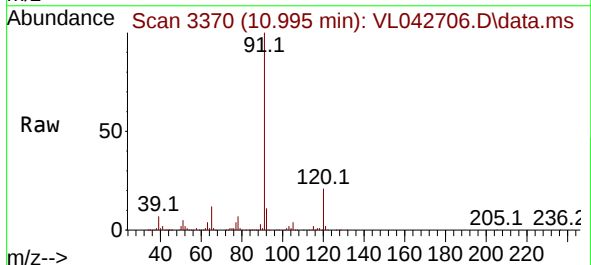
Manual Integrations
APPROVED

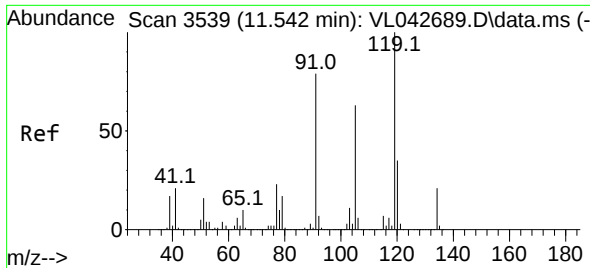
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#64
n-propylbenzene
Concen: 11.901 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion:120 Resp: 138163
Ion Ratio Lower Upper
120 100
91 473.1 377.8 566.8





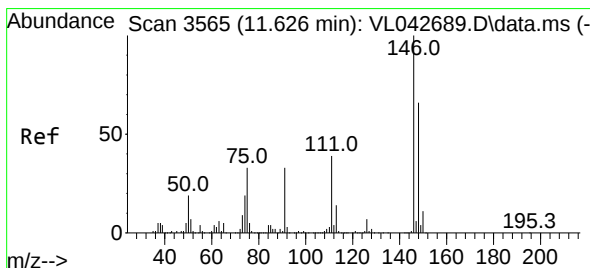
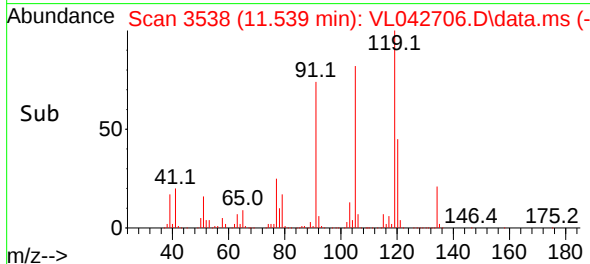
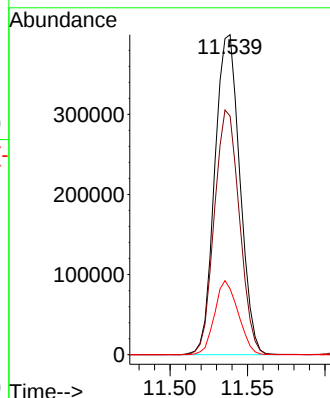
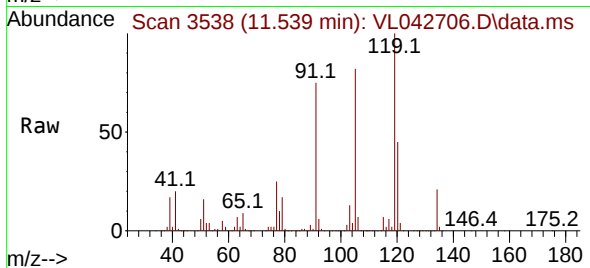
#65
tert-Butylbenzene
Concen: 11.592 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.003 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 44991
Ion Ratio Lower Upper
119 100
91 76.6 62.6 93.8
134 21.7 16.9 25.3

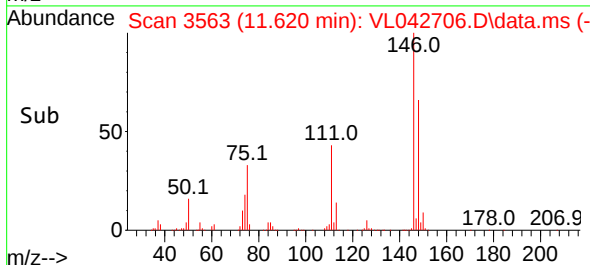
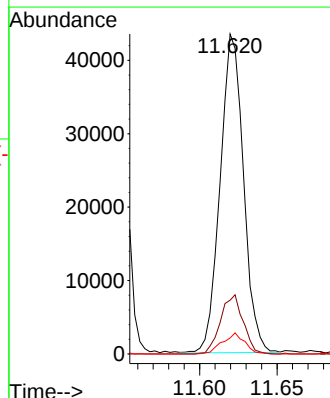
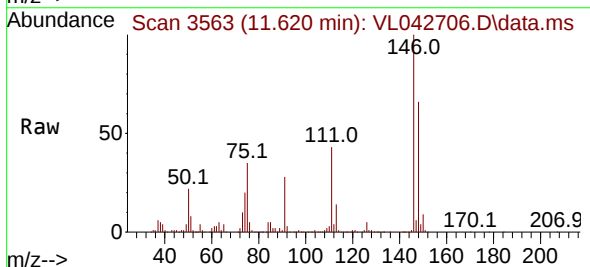
Manual Integrations
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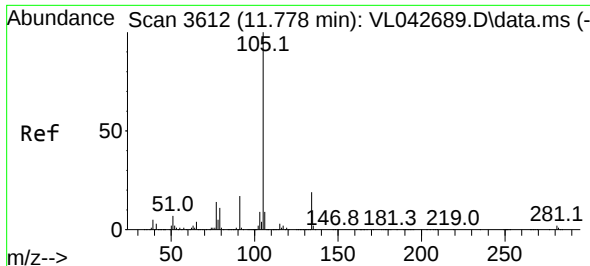
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#66
Benzyl Chloride
Concen: 12.106 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

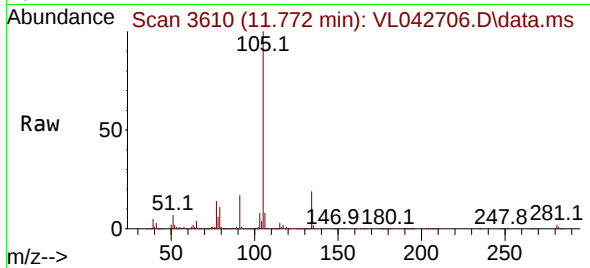
Tgt Ion: 91 Resp: 45524
Ion Ratio Lower Upper
91 100
126 18.1 14.8 22.2
128 6.3 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 11.077 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

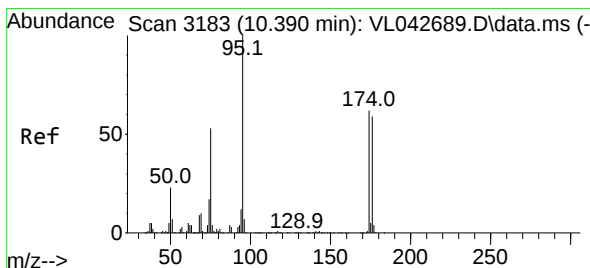
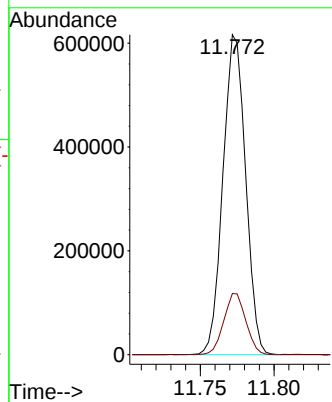
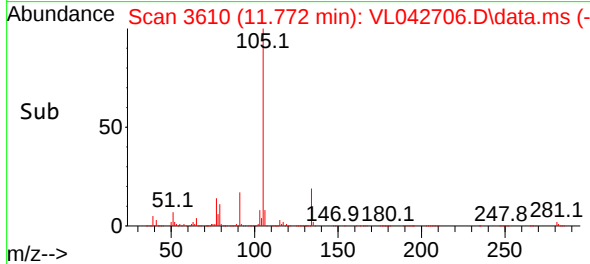
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 65864
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.0 22.6

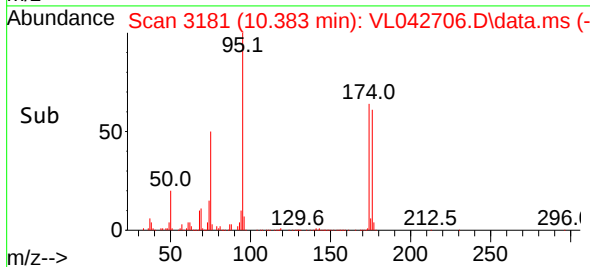
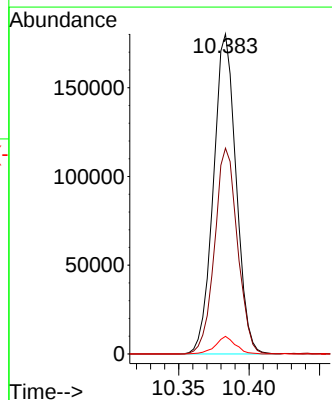
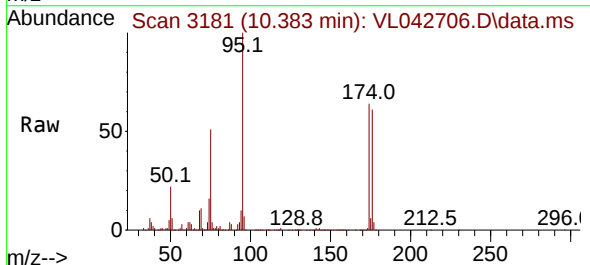
Manual Integrations
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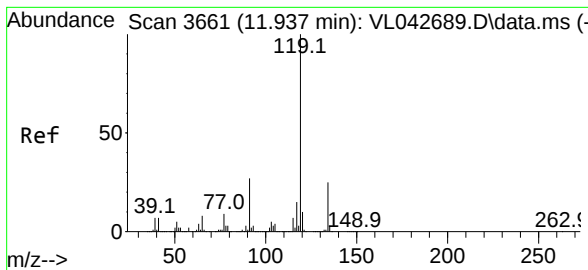
Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.417 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Tgt Ion: 95 Resp: 202018
 Ion Ratio Lower Upper
 95 100
 174 64.9 51.2 76.8
 175 4.9 3.8 5.8





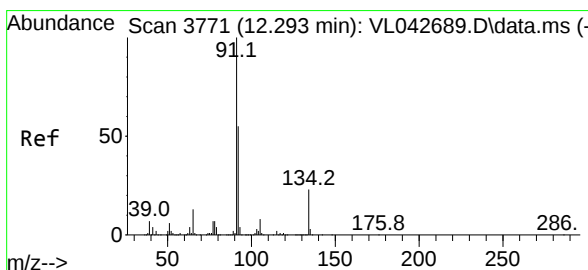
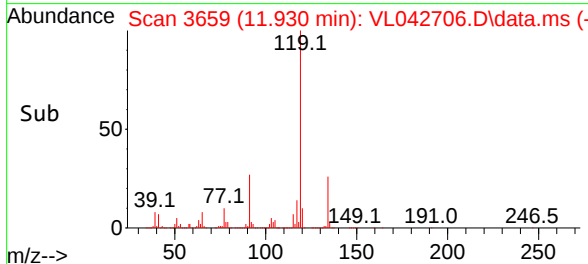
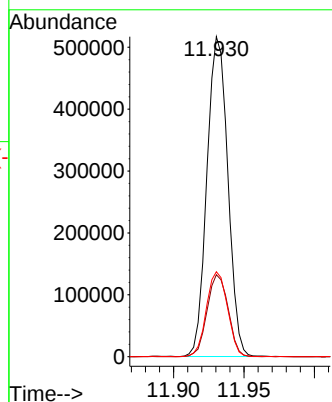
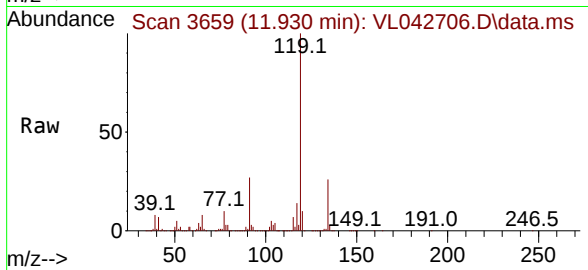
#69
p-Isopropyltoluene
Concen: 11.281 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 533852
Ion Ratio Lower Upper
119 100
134 25.9 20.6 31.0
91 26.9 21.4 32.2

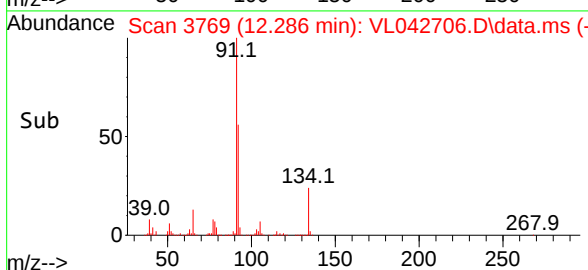
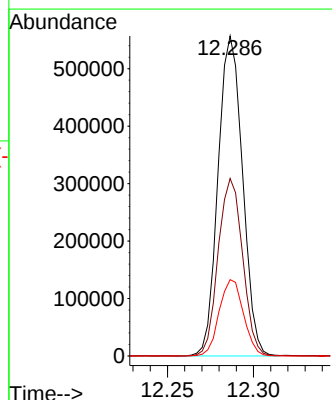
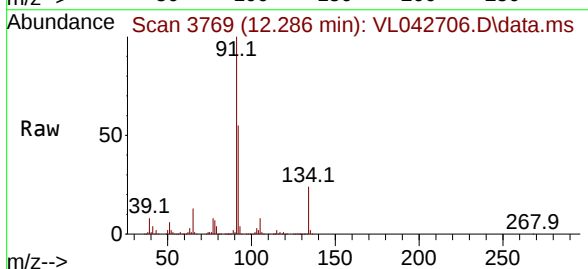
Manual Integrations
APPROVED

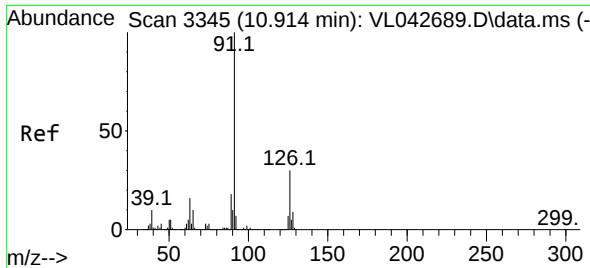
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#70
n-Butylbenzene
Concen: 11.575 ppbv
RT: 12.286 min Scan# 3769
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Tgt Ion: 91 Resp: 551840
Ion Ratio Lower Upper
91 100
92 55.4 44.2 66.2
134 23.7 18.6 27.8





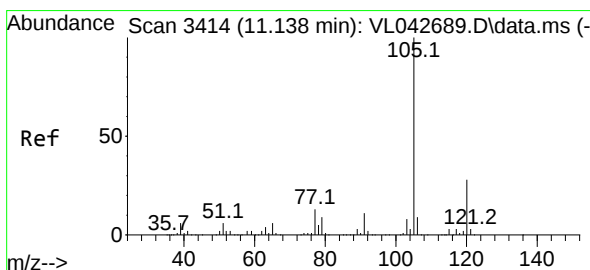
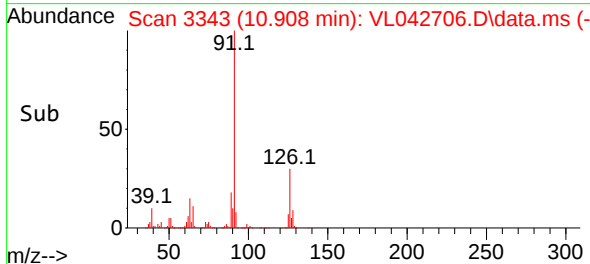
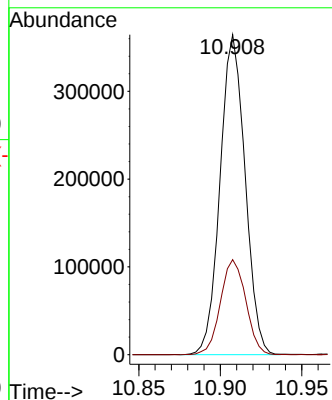
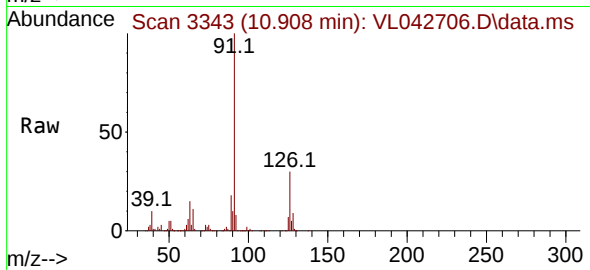
#71
2-Chlorotoluene
Concen: 11.572 ppbv
RT: 10.908 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 38818
Ion Ratio Lower Upper
91 100
126 30.1 11.8 47.4

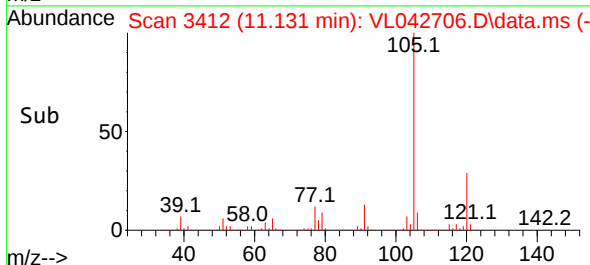
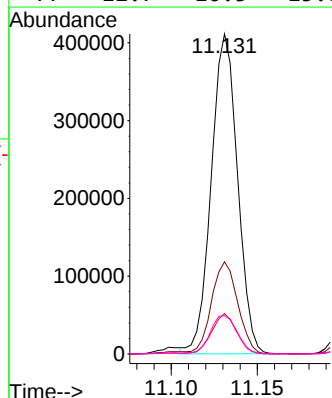
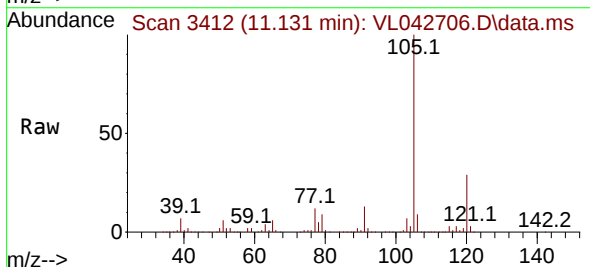
Manual Integrations
APPROVED

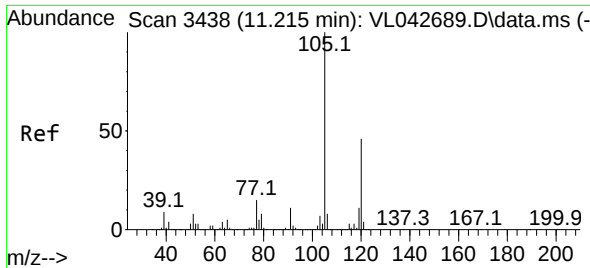
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#72
4-Ethyltoluene
Concen: 11.902 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

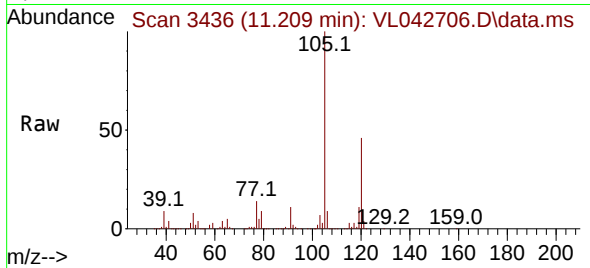
Tgt Ion:105 Resp: 436294
Ion Ratio Lower Upper
105 100
120 29.5 23.8 35.6
91 12.4 9.7 14.5
77 12.7 10.5 15.7





#73
1,3,5-Trimethylbenzene
Concen: 11.645 ppbv
RT: 11.209 min Scan# 3438
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

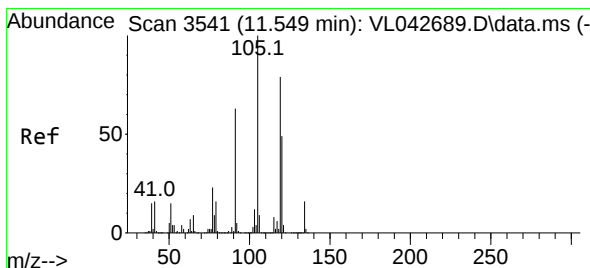
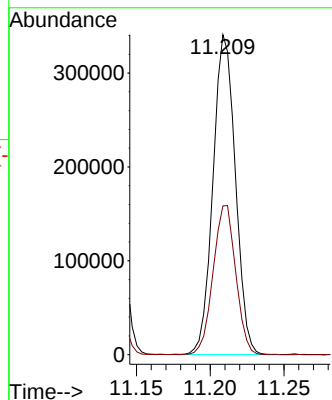
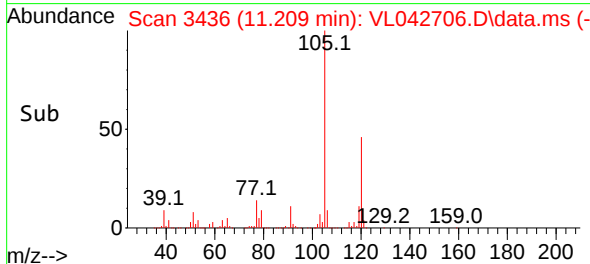
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



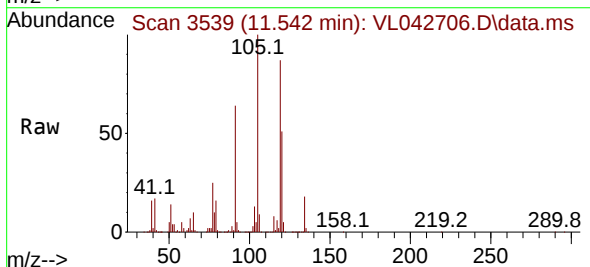
Tgt Ion:105 Resp: 359909
Ion Ratio Lower Upper
105 100
120 46.5 37.0 55.4

Manual Integrations
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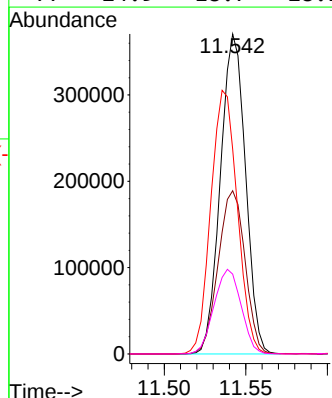
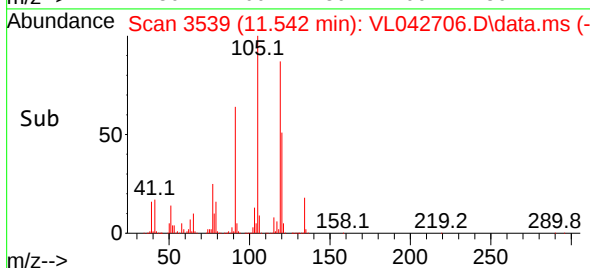
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

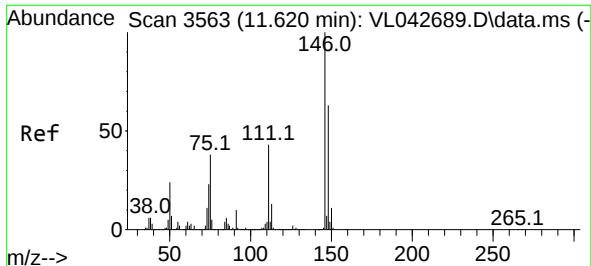


#74
1,2,4-Trimethylbenzene
Concen: 11.226 ppbv
RT: 11.542 min Scan# 3539
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



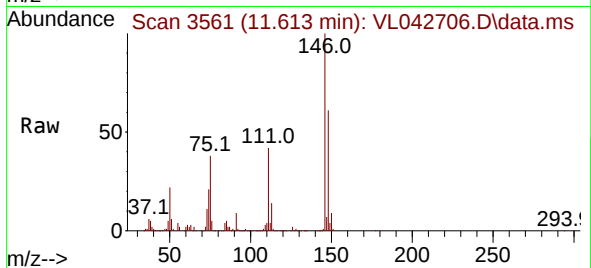
Tgt Ion:105 Resp: 395812
Ion Ratio Lower Upper
105 100
120 51.0 39.6 59.4
91 63.9 51.0 76.6
77 24.9 18.7 28.1





#75
1,3-Dichlorobenzene
Concen: 10.239 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

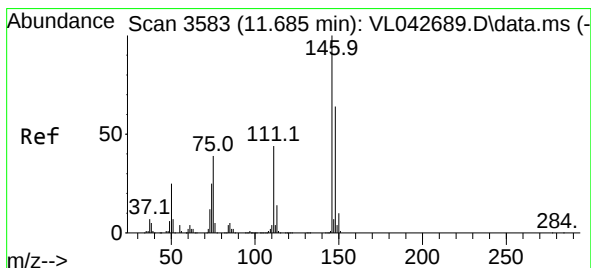
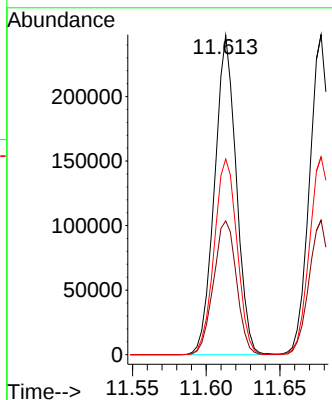
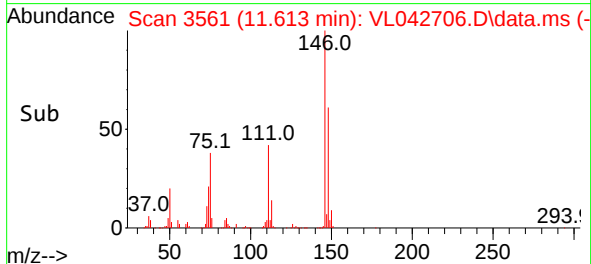
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



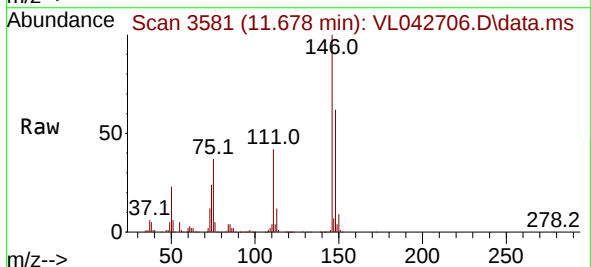
Tgt Ion:146 Resp: 253270
Ion Ratio Lower Upper
146 100
111 44.3 21.6 65.0
148 64.6 31.6 94.7

Manual Integrations
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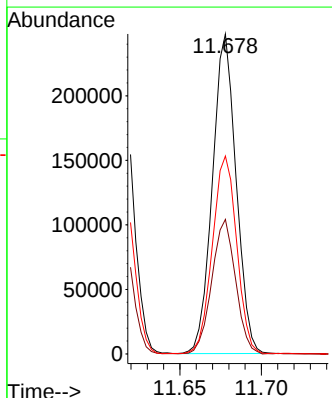
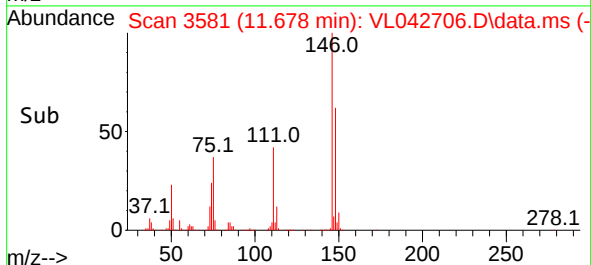
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

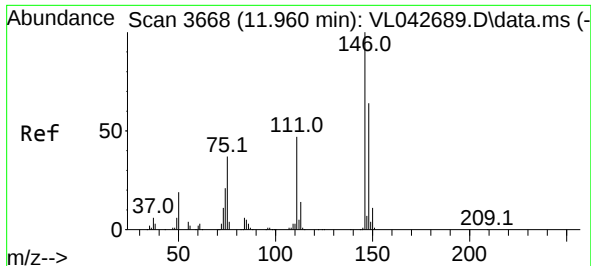


#76
1,4-Dichlorobenzene
Concen: 10.651 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



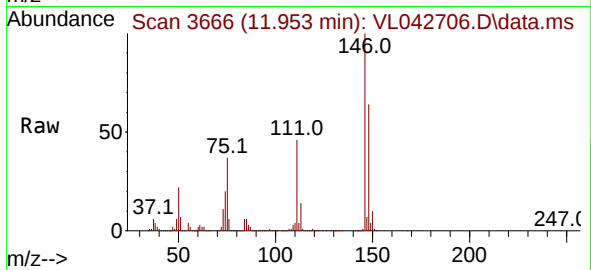
Tgt Ion:146 Resp: 250036
Ion Ratio Lower Upper
146 100
111 42.4 21.4 64.3
148 63.9 31.8 95.4





#77
1,2-Dichlorobenzene
Concen: 9.889 ppbv
RT: 11.953 min Scan# 3666
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

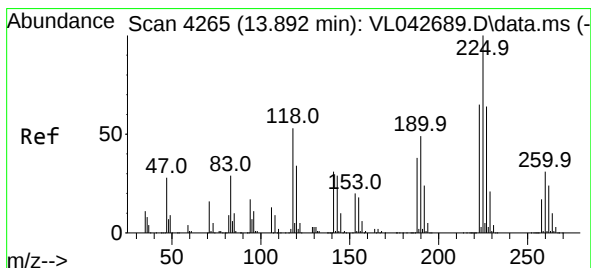
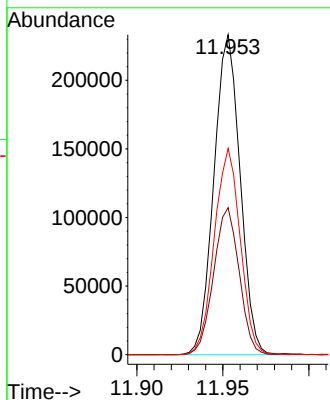
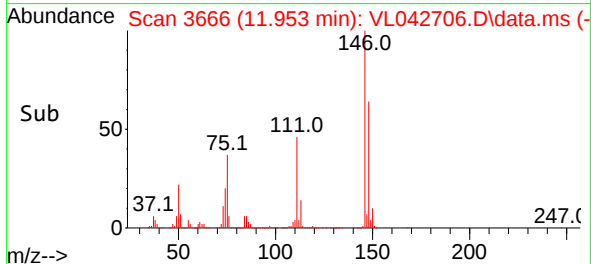
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



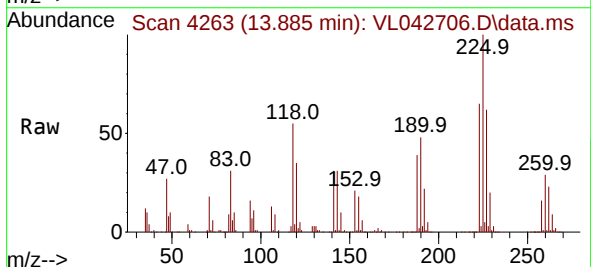
Tgt Ion:146 Resp: 247100
Ion Ratio Lower Upper
146 100
111 45.0 22.9 68.8
148 64.0 31.9 95.7

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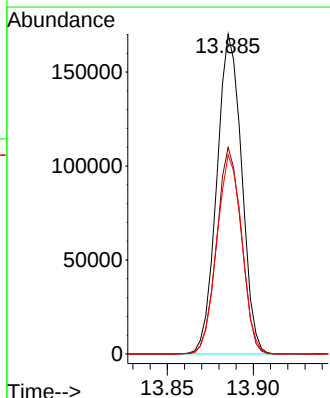
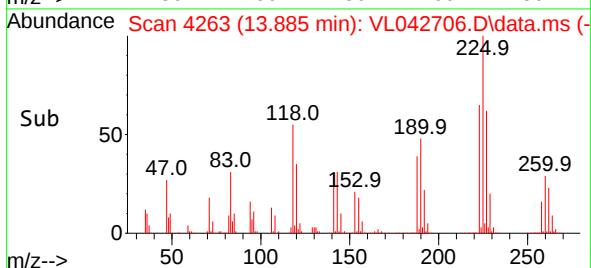
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025

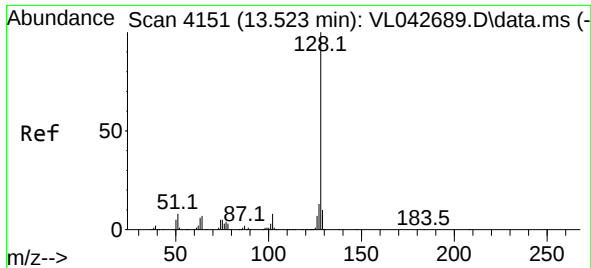


#78
Hexachloro-1,3-Butadiene
Concen: 8.789 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55



Tgt Ion:225 Resp: 171064
Ion Ratio Lower Upper
225 100
223 64.0 50.5 75.7
227 63.1 50.0 75.0





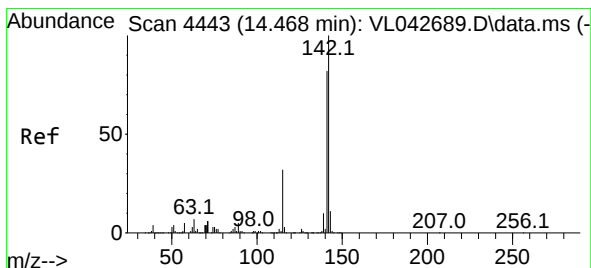
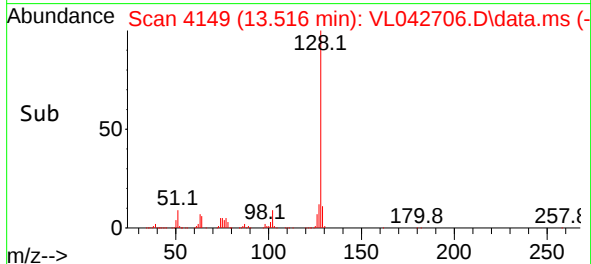
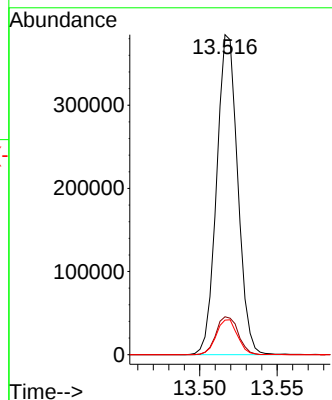
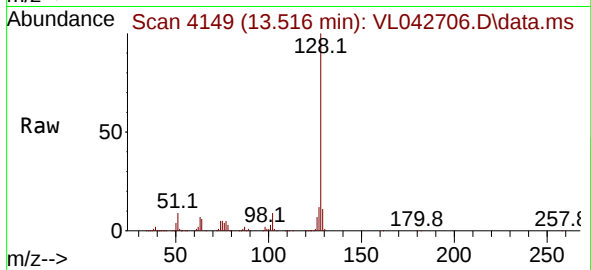
#79
Naphthalene
Concen: 12.350 ppbv
RT: 13.516 min Scan# 4151
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 36341
Ion Ratio Lower Upper
128 100
127 11.9 10.2 15.4
129 10.8 8.2 12.2

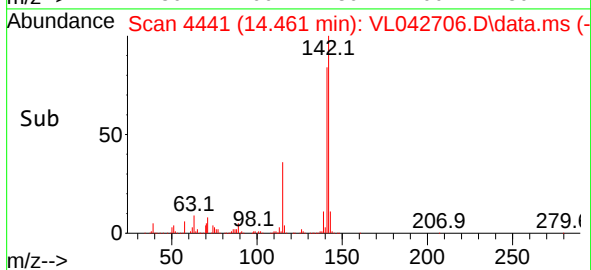
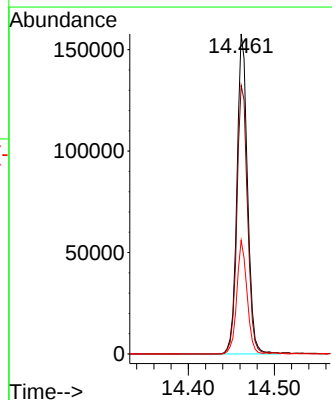
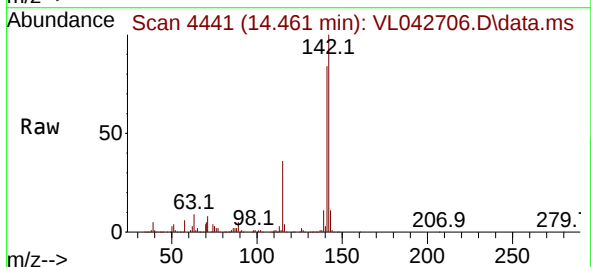
Manual Integrations
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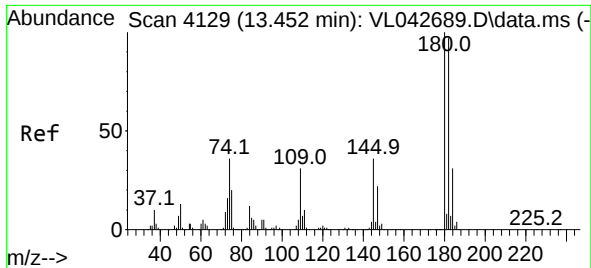
Reviewed By :Semsettin Yesilyurt 07/09/2025
Supervised By :Mahesh Dadoda 07/09/2025



#80
Naphthalene,2-methyl-
Concen: 10.983 ppbv
RT: 14.461 min Scan# 4441
Delta R.T. -0.007 min
Lab File: VL042706.D
Acq: 08 Jul 2025 08:55

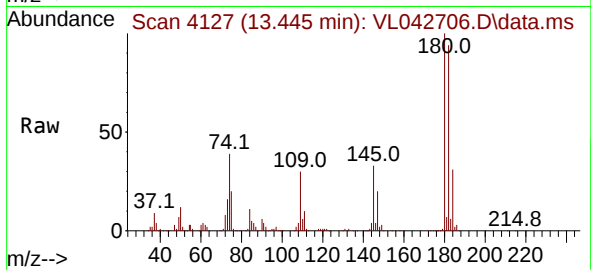
Tgt Ion:142 Resp: 134241
Ion Ratio Lower Upper
142 100
141 85.8 67.4 101.2
115 34.7 26.9 40.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.855 ppbv
 RT: 13.445 min Scan# 4127
 Delta R.T. -0.007 min
 Lab File: VL042706.D
 Acq: 08 Jul 2025 08:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 18615
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.7 115.1
 184 30.6 24.4 36.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/09/2025
 Supervised By :Mahesh Dadoda 07/09/2025

