

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042773.D
 Acq On : 29 Jul 2025 08:28
 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 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:05:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 29 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	145476	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	401016	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	363840	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 291247 10.108 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	181155	9.418	ppbv	98
3) Chlorodifluoromethane	1.476	51	251592	10.041	ppbv	99
4) Chloromethane	1.534	50	73723	9.474	ppbv	98
5) Vinyl Chloride	1.580	62	65522	8.522	ppbv	96
6) Bromomethane	1.667	94	27694	9.318	ppbv	94
7) Chloroethane	1.706	64	27329	9.200	ppbv	93
8) Dichlorotetrafluoroethane	1.554	85	150558	9.518	ppbv	99
9) Propene	1.482	41	88480	9.716	ppbv	96
10) Heptane	4.984	43	251985	10.262	ppbv	98
11) Trichlorofluoromethane	1.877	101	183526	9.256	ppbv	96
12) 1,1,2-Trichlorotrifluoro...	2.139	101	140976	9.357	ppbv	98
13) Ethanol	1.722	45	8199	11.213	ppbv	92
14) Bromoethene	1.783	108	51955	9.739	ppbv	96
15) Acetone	1.835	43	156397	7.786	ppbv	99
16) 1,3-Butadiene	1.609	39	76605	8.940	ppbv	100
17) tert-Butyl alcohol	2.039	59	168866	9.321	ppbv	99
18) 1,1-Dichloroethene	2.036	96	61443	9.025	ppbv	95
19) Isopropyl Alcohol	1.887	45	97689	9.151	ppbv	97
20) Methylene Chloride	2.062	84	54464	8.604	ppbv	97
21) Allyl Chloride	2.097	41	120881	9.764	ppbv	97
22) trans-1,2-Dichloroethene	2.340	96	69760	9.526	ppbv	97
23) Vinyl Acetate	2.463	43	281244	11.548	ppbv	98
24) 1,1-Dichloroethane	2.408	63	140141	9.323	ppbv	98
25) Ethyl Acetate	2.835	43	451618	10.157	ppbv	99
26) Hexane	2.826	57	194029	9.947	ppbv	98
27) Carbon Disulfide	2.152	76	174164	10.430	ppbv #	92
28) Methyl tert-Butyl Ether	2.441	73	103653	11.249	ppbv	97
29) Chloroform	2.848	83	303505	10.070	ppbv	98
30) Cyclohexane	3.858	84	161614	9.770	ppbv	96
31) cis-1,2-Dichloroethene	2.722	61	196176	9.787	ppbv	96
32) 1,1,1-Trichloroethane	3.369	97	301986	9.619	ppbv	99
34) 2-Butanone	2.557	43	298973	10.525	ppbv	100
35) Carbon Tetrachloride	3.768	117	315663	10.597	ppbv	96
36) Benzene	3.657	78	394734	10.386	ppbv	99
37) 1,2-Dichloroethane	3.217	62	238496	10.417	ppbv	100
38) Trichloroethene	4.554	130	176737	9.680	ppbv	95
39) 1,2-Dichloropropane	4.315	63	142961	10.190	ppbv	95
40) 1,4-Dioxane	4.583	88	63605	9.727	ppbv #	93
41) Tetrahydrofuran	3.055	42	157177	10.874	ppbv	98
42) Bromodichloromethane	4.493	83	327576	10.986	ppbv	98
43) Methyl Methacrylate	4.881	69	151353	11.204	ppbv	99
44) 2,2,4-Trimethylpentane	4.645	57	665750	10.747	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	171240	11.304	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:05:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

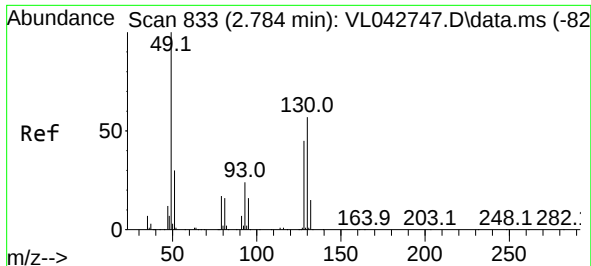
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.606	75	211694	11.028	ppbv	95
47) 1,1,2-Trichloroethane	6.580	97	151959	10.161	ppbv	98
48) Dibromochloromethane	7.389	129	269997	11.373	ppbv	100
49) Bromoform	9.487	173	236181	11.409	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	396599	10.839	ppbv	99
51) 2-Hexanone	7.441	43	322404	11.660	ppbv #	99
52) Tetrachloroethene	8.228	164	148349	9.417	ppbv	96
53) Toluene	6.936	91	437014	10.708	ppbv	100
54) 1,2-Dibromoethane	7.655	107	227138	10.750	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.930	131	199954	10.570	ppbv	99
57) Chlorobenzene	8.927	112	356427	10.122	ppbv	99
58) Ethyl Benzene	9.357	91	613946	10.685	ppbv	97
59) m/p-Xylene	9.555	91	1016691m	22.141	ppbv	
60) o-Xylene	9.969	91	501341	10.926	ppbv	99
61) Styrene	9.875	104	212719	11.021	ppbv	98
62) Isopropylbenzene	10.542	105	730477	10.793	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	294522	9.998	ppbv	100
64) n-propylbenzene	10.992	120	196430	11.132	ppbv	98
65) tert-Butylbenzene	11.532	119	653373	10.868	ppbv	99
66) Benzyl Chloride	11.616	91	63028	12.771	ppbv	99
67) sec-Butylbenzene	11.768	105	917197	10.727	ppbv	100
69) p-Isopropyltoluene	11.927	119	784325	11.249	ppbv	100
70) n-Butylbenzene	12.283	91	803938	11.937	ppbv	100
71) 2-Chlorotoluene	10.904	91	558173	10.755	ppbv	99
72) 4-Ethyltoluene	11.128	105	625088	11.407	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	519009	11.504	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	573490	11.651	ppbv	98
75) 1,3-Dichlorobenzene	11.610	146	371336	10.761	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	367182	10.874	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	355188	10.473	ppbv	98
78) Hexachloro-1,3-Butadiene	13.882	225	292858	9.540	ppbv	100
79) Naphthalene	13.513	128	570905	10.659	ppbv	99
80) Naphthalene,2-methyl-	14.458	142	257656	9.687	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	323672	10.749	ppbv	99

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

Manual Integrations APPROVED

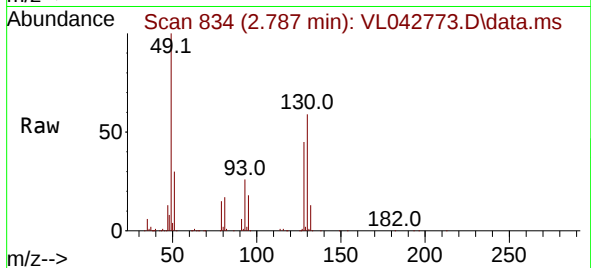
Quant Time: Jul 30 01:05:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

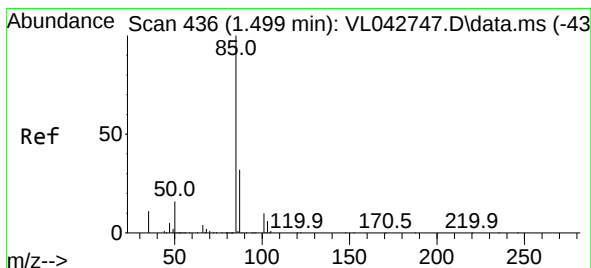
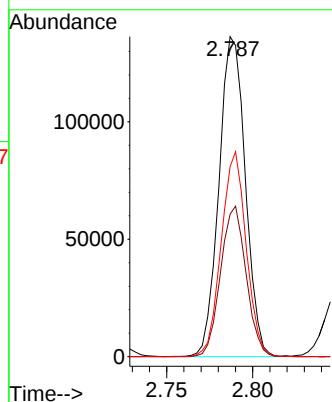
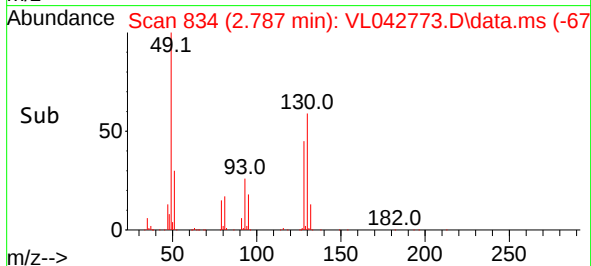
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 145470
Ion Ratio Lower Upper
49 100
128 45.4 23.6 71.0
130 60.5 30.3 90.8

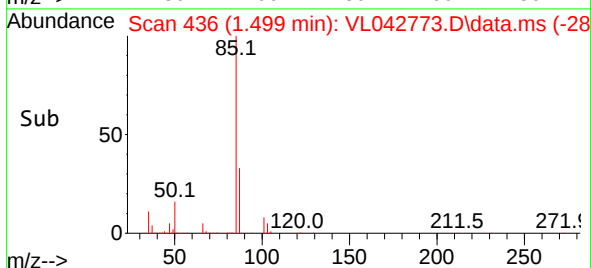
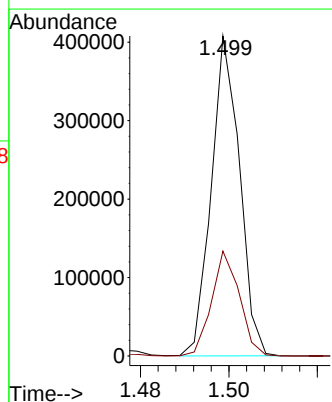
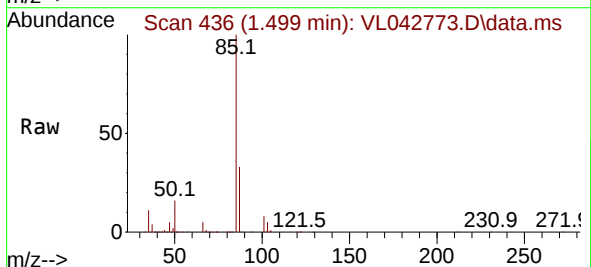
Manual Integrations
APPROVED

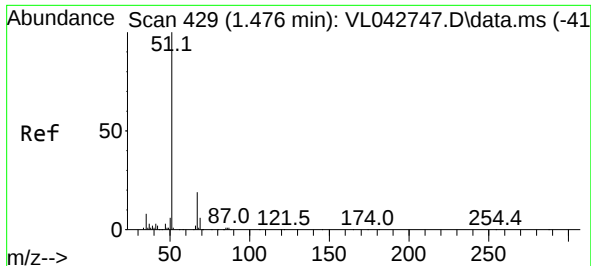
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#2
Dichlorodifluoromethane
Concen: 9.418 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 85 Resp: 181155
Ion Ratio Lower Upper
85 100
87 32.8 25.4 38.2





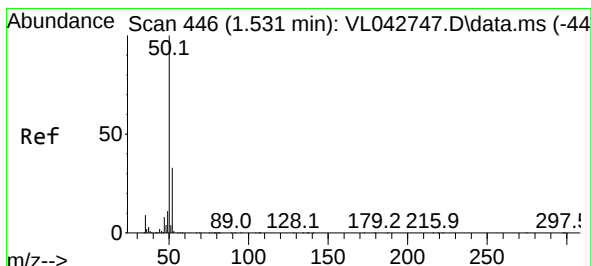
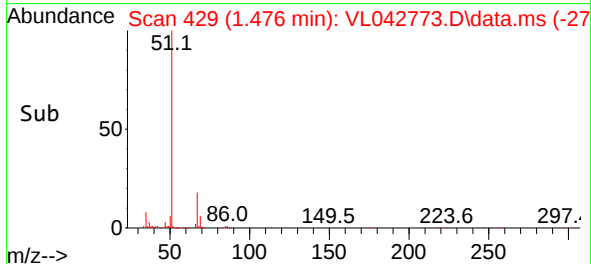
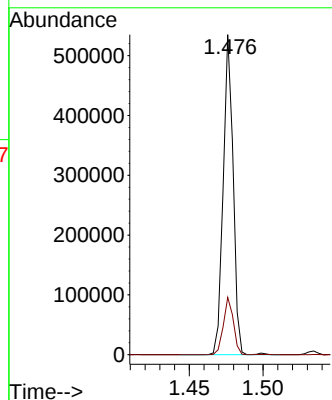
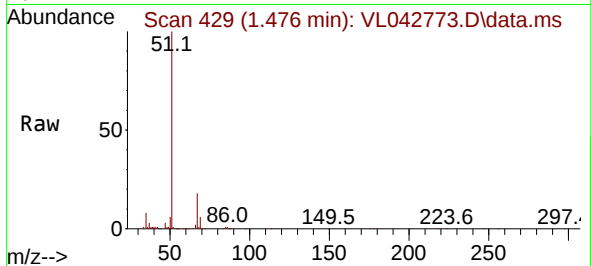
#3
Chlorodifluoromethane
Concen: 10.041 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 251592
Ion Ratio Lower Upper
51 100
67 18.1 15.0 22.6

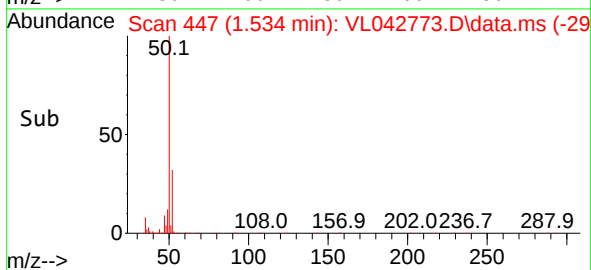
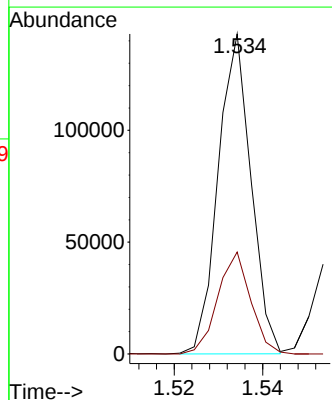
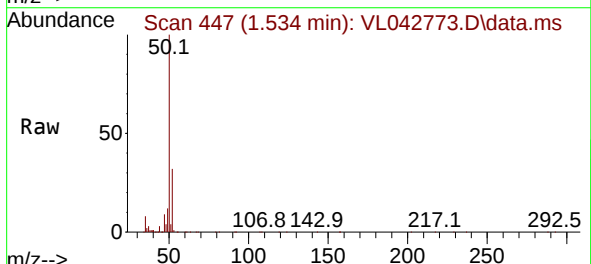
Manual Integrations
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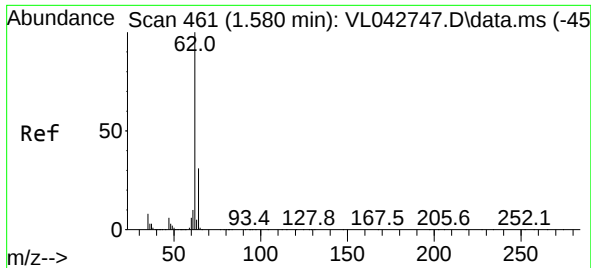
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#4
Chloromethane
Concen: 9.474 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 50 Resp: 73723
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0





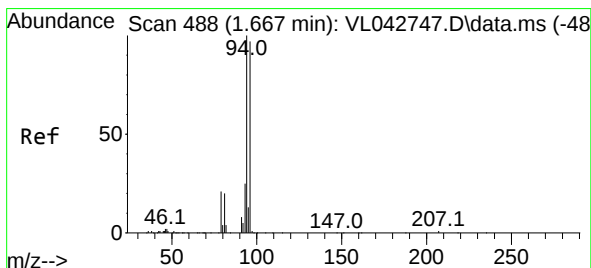
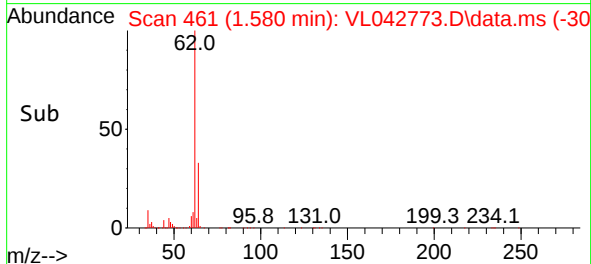
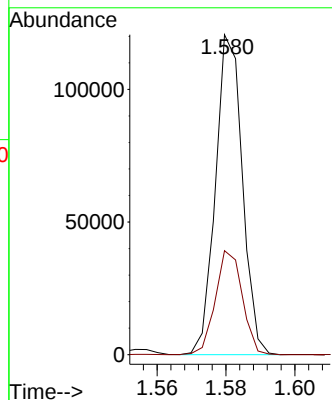
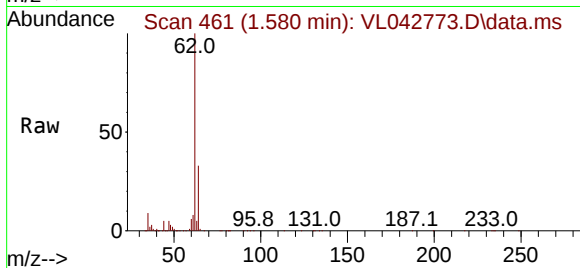
#5
 Vinyl Chloride
 Concen: 8.522 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 6552
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.5 36.7

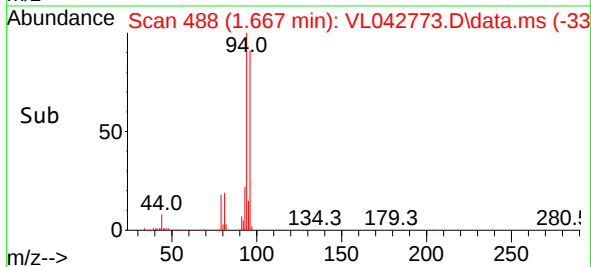
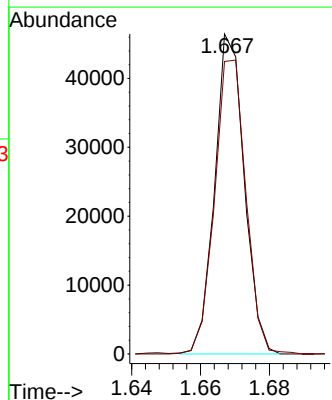
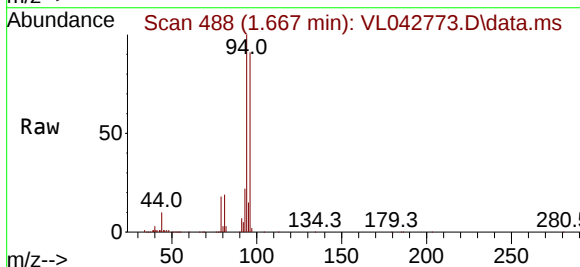
Manual Integrations
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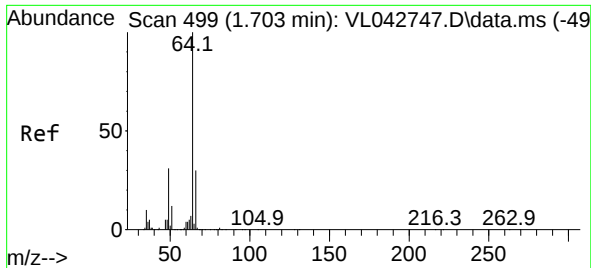
Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#6
 Bromomethane
 Concen: 9.318 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

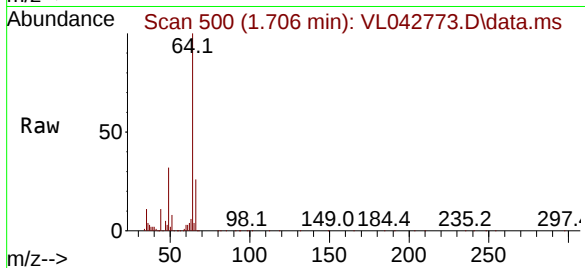
Tgt Ion: 94 Resp: 27694
 Ion Ratio Lower Upper
 94 100
 96 91.2 77.6 116.4





#7
Chloroethane
Concen: 9.200 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

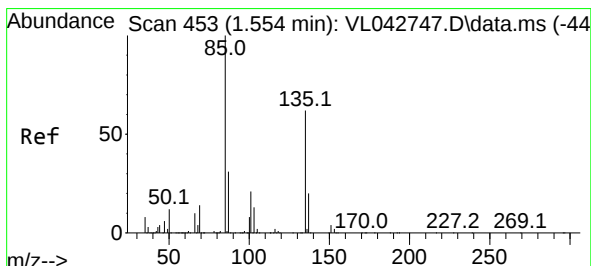
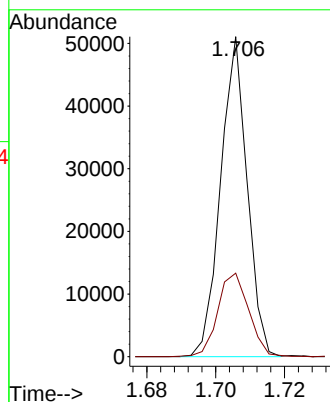
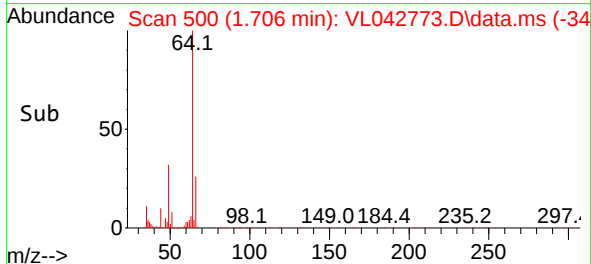
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 27329
Ion Ratio Lower Upper
64 100
66 26.1 24.1 36.1

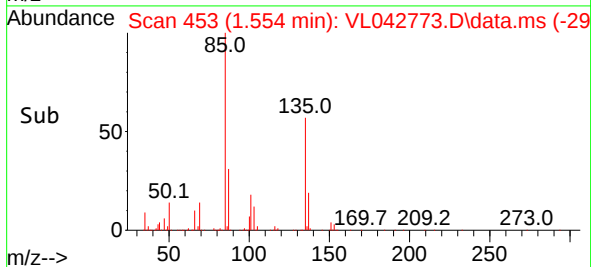
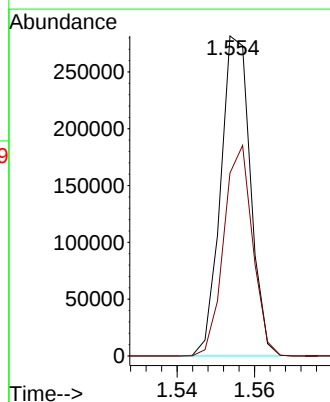
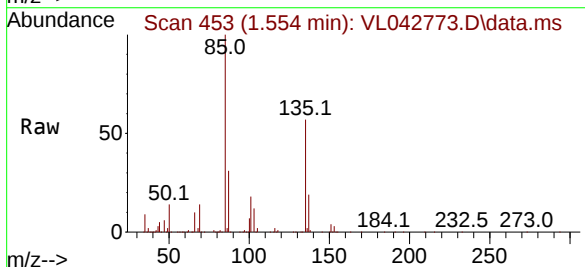
Manual Integrations
APPROVED

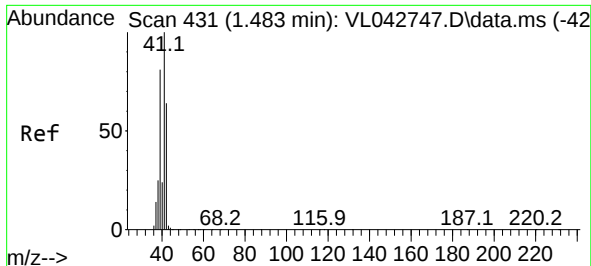
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#8
Dichlorotetrafluoroethane
Concen: 9.518 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 85 Resp: 150558
Ion Ratio Lower Upper
85 100
135 63.7 50.6 76.0





#9

Propene

Concen: 9.716 ppbv

RT: 1.482 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 88480

Ion Ratio Lower Upper

41 100

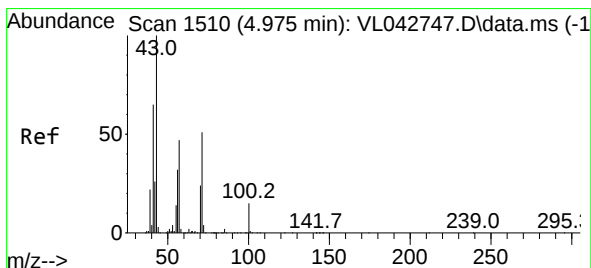
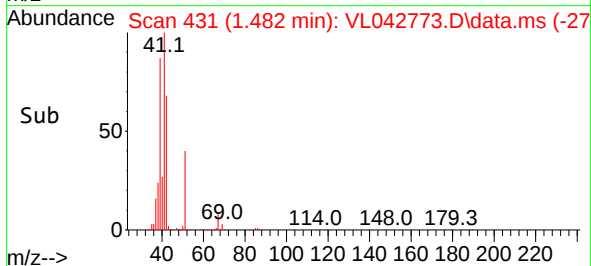
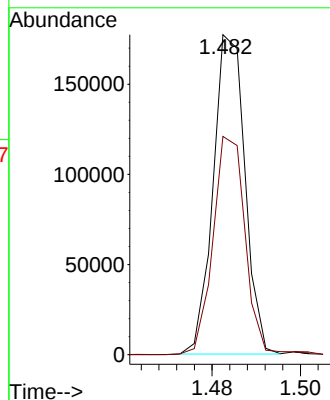
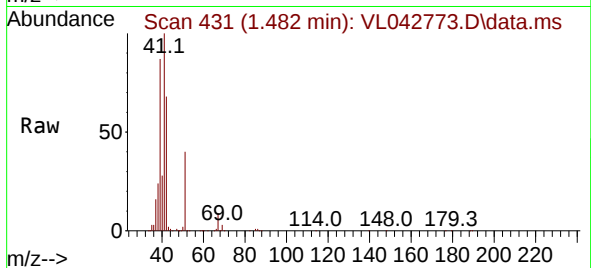
42 70.0 53.2 79.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#10

Heptane

Concen: 10.262 ppbv

RT: 4.984 min Scan# 1513

Delta R.T. 0.010 min

Lab File: VL042773.D

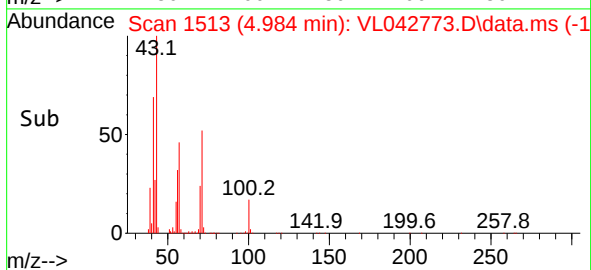
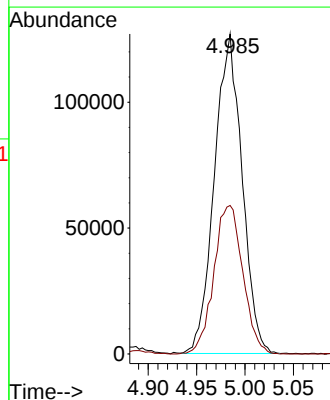
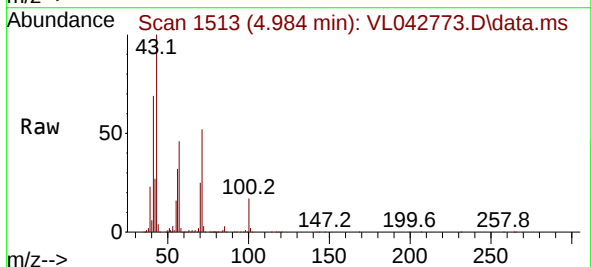
Acq: 29 Jul 2025 08:28

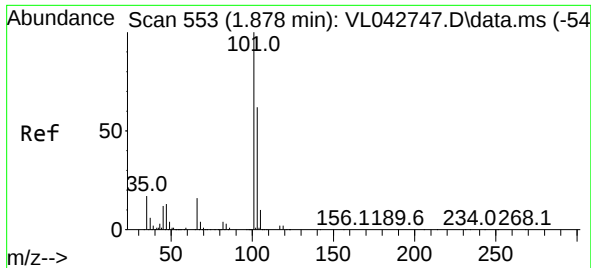
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Ion Ratio Lower Upper

43 100

57 48.8 39.9 59.9





#11

Trichlorofluoromethane

Concen: 9.256 ppbv

RT: 1.877 min Scan# 511

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:101 Resp: 183520

Ion Ratio Lower Upper

101 100

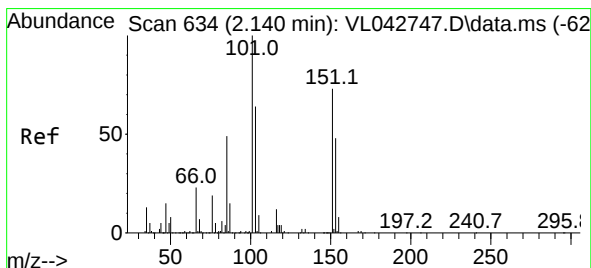
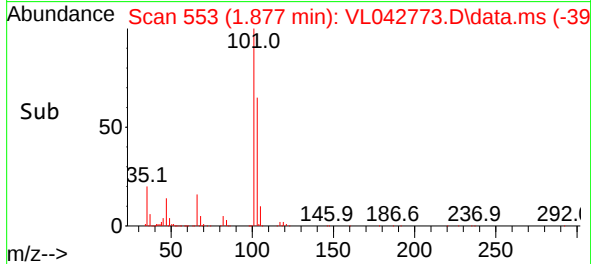
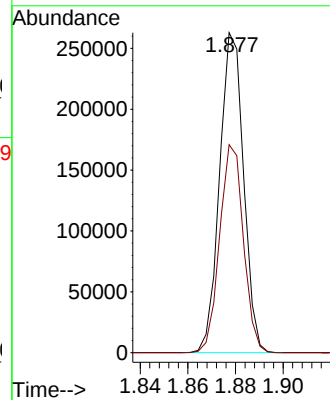
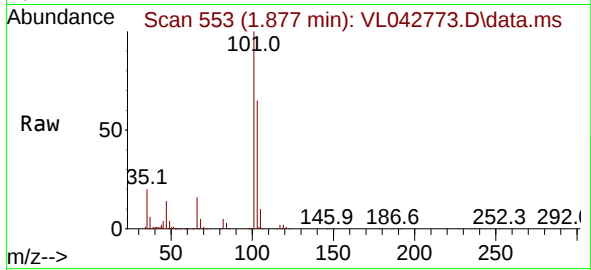
103 65.0 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.357 ppbv

RT: 2.139 min Scan# 634

Delta R.T. -0.000 min

Lab File: VL042773.D

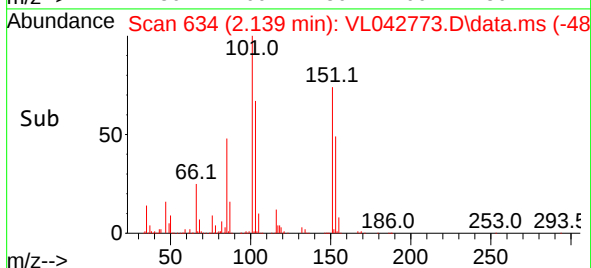
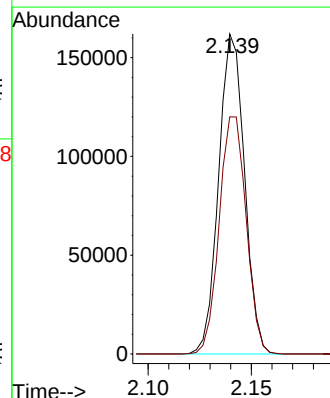
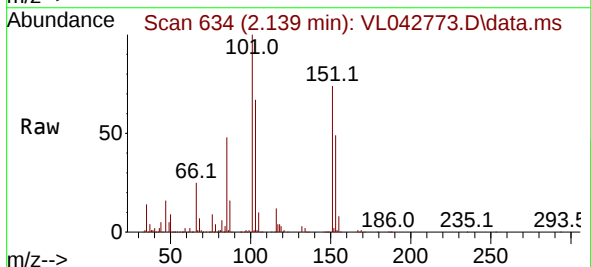
Acq: 29 Jul 2025 08:28

Tgt Ion:101 Resp: 140976

Ion Ratio Lower Upper

101 100

151 77.4 60.5 90.7





#13

Ethanol

Concen: 11.213 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

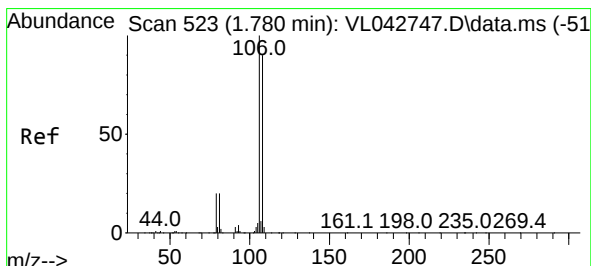
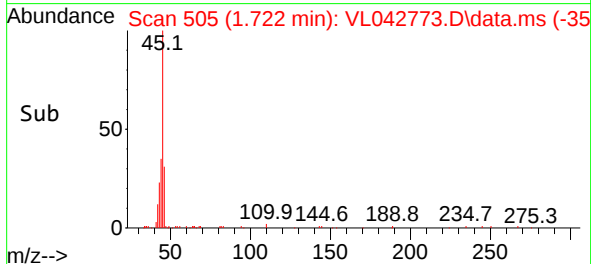
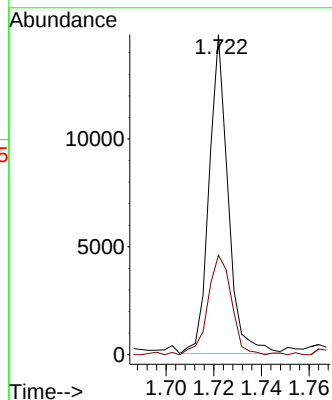
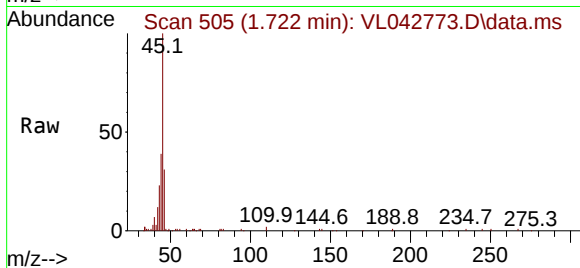
VSTDCCC010

Tgt Ion: 45 Resp: 8195
 Ion Ratio Lower Upper
 45 100
 46 39.2 17.8 71.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#14

Bromoethene

Concen: 9.739 ppbv

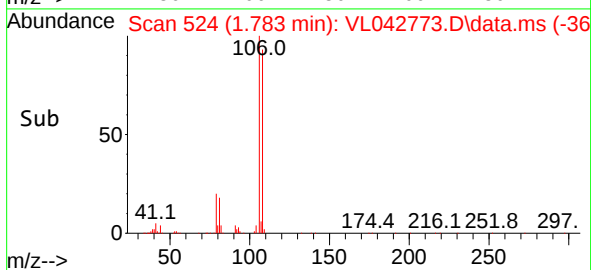
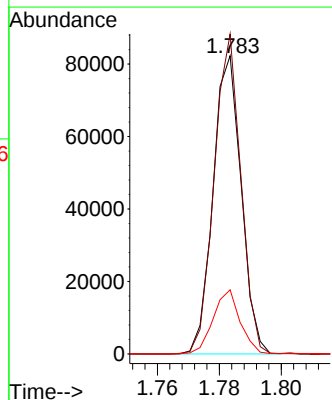
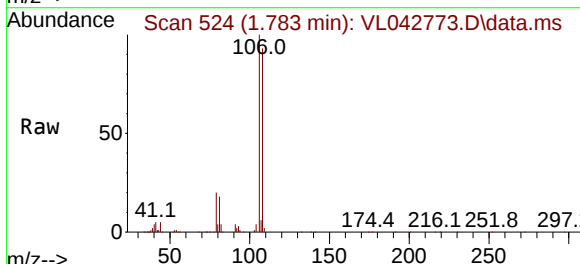
RT: 1.783 min Scan# 524

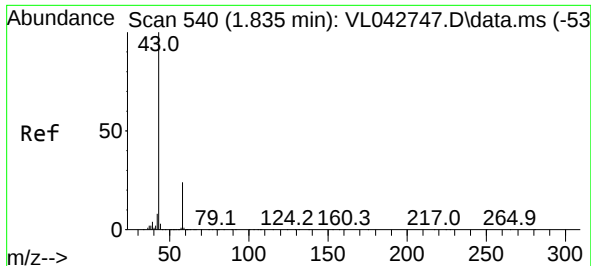
Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

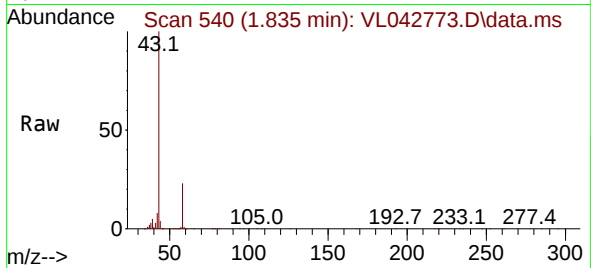
Tgt Ion:108 Resp: 51955
 Ion Ratio Lower Upper
 108 100
 106 101.4 84.7 127.1
 79 21.2 17.4 26.2





#15
Acetone
Concen: 7.786 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

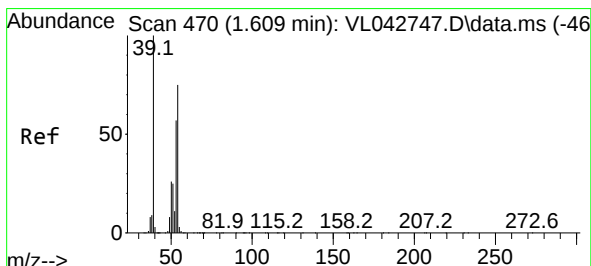
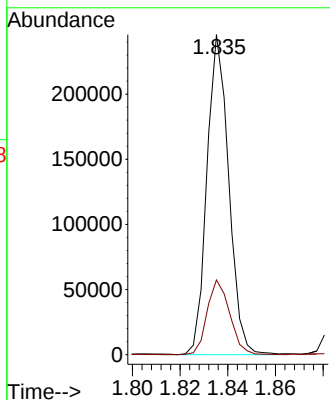
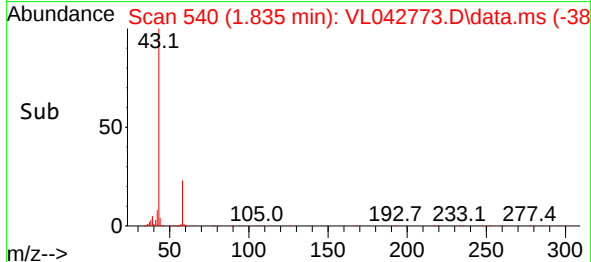
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



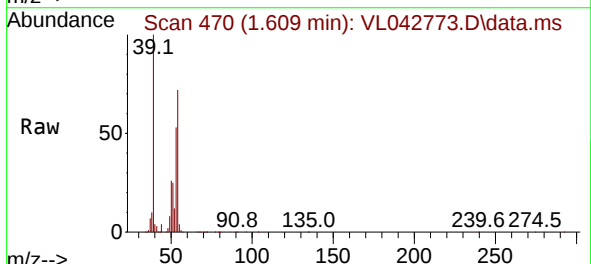
Tgt Ion: 43 Resp: 156397
Ion Ratio Lower Upper
43 100
58 24.4 19.8 29.8

Manual Integrations
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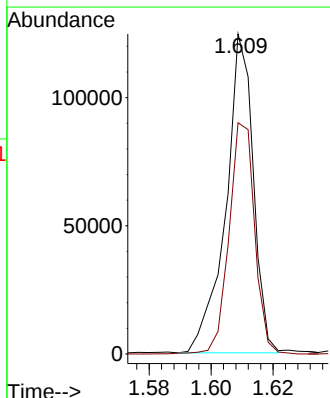
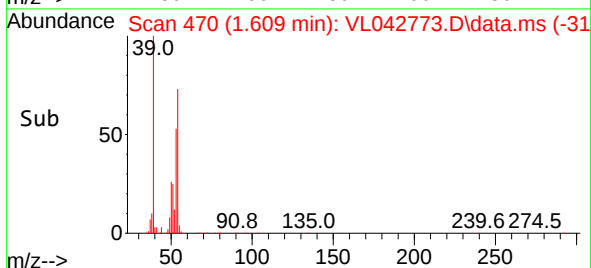
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

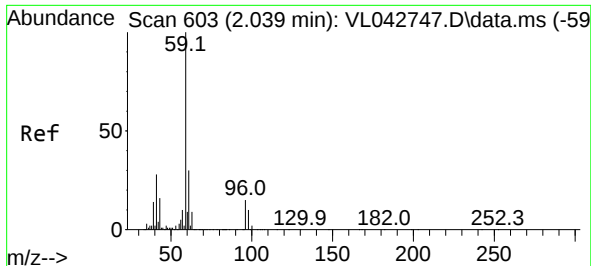


#16
1,3-Butadiene
Concen: 8.940 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



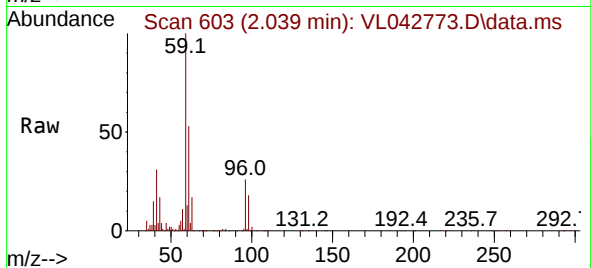
Tgt Ion: 39 Resp: 76605
Ion Ratio Lower Upper
39 100
54 67.8 54.5 81.7





#17
tert-Butyl alcohol
Concen: 9.321 ppbv
RT: 2.039 min Scan# 603
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

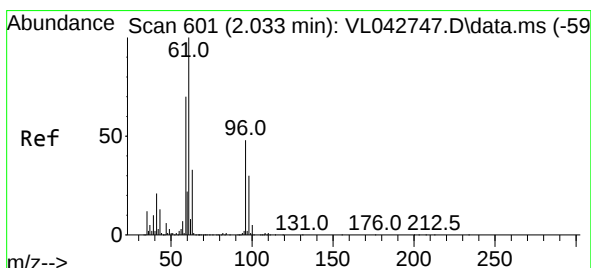
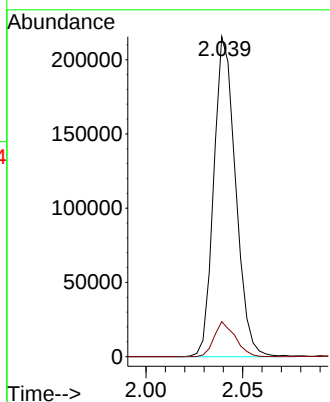
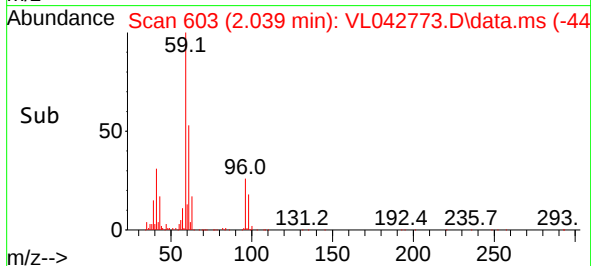
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



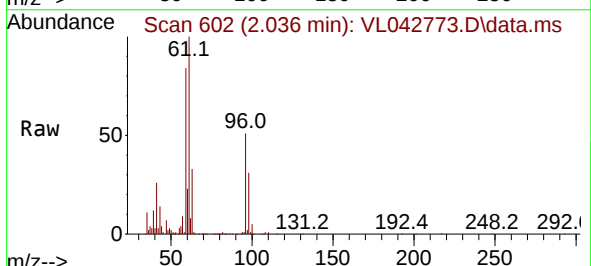
Tgt Ion: 59 Resp: 168860
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

Manual Integrations
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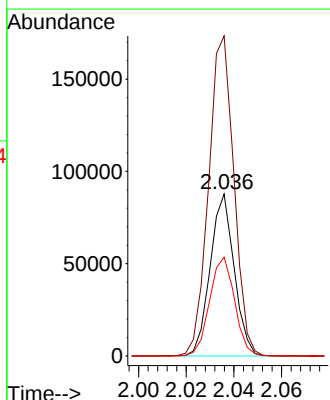
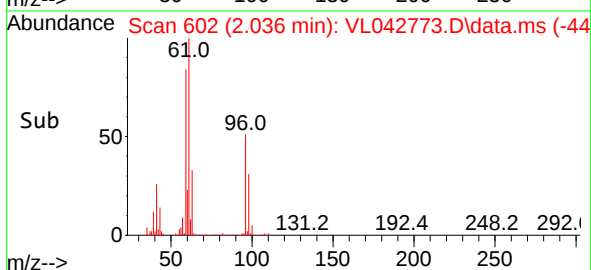
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

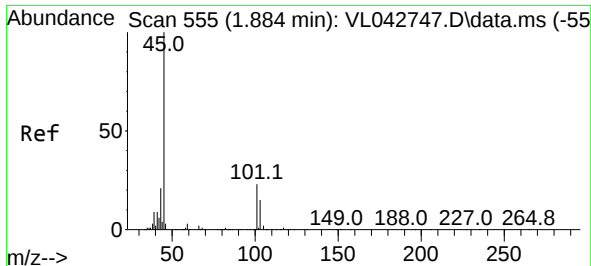


#18
1,1-Dichloroethene
Concen: 9.025 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



Tgt Ion: 96 Resp: 61443
Ion Ratio Lower Upper
96 100
61 197.6 165.8 248.6
98 61.0 49.9 74.9





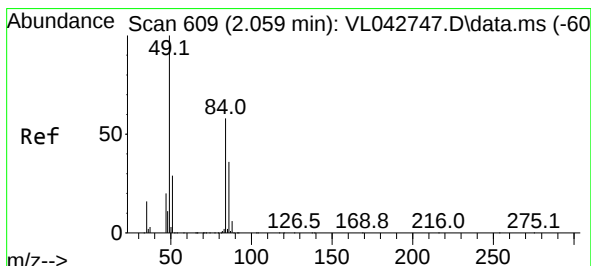
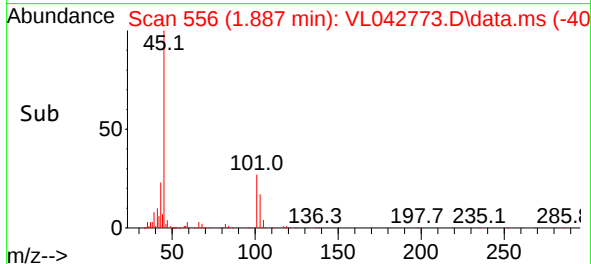
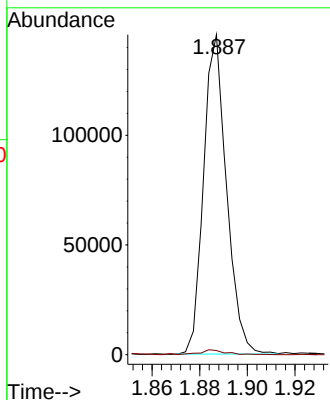
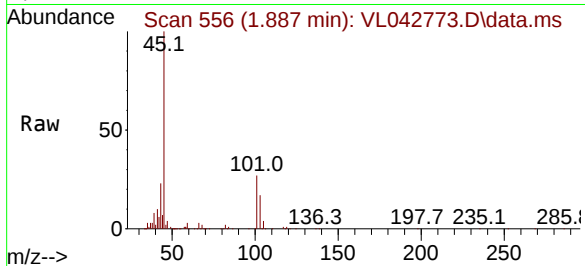
#19
Isopropyl Alcohol
Concen: 9.151 ppbv
RT: 1.887 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 97689
Ion Ratio Lower Upper
45 100
58 39.0 30.0 45.0

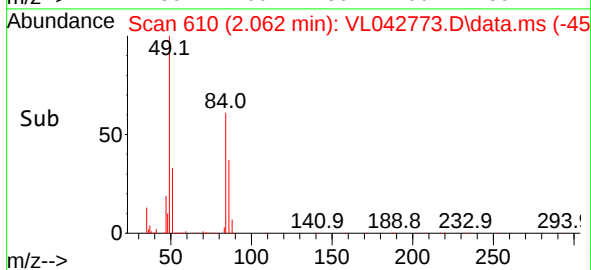
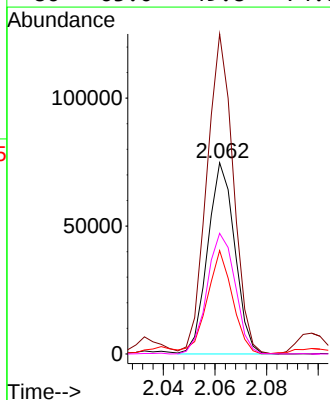
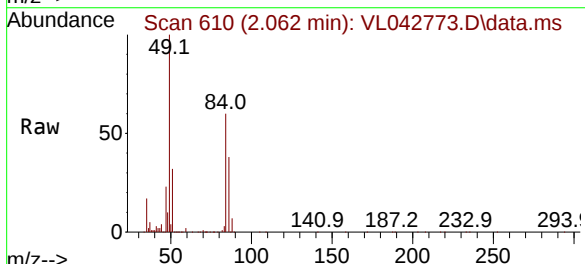
Manual Integrations
APPROVED

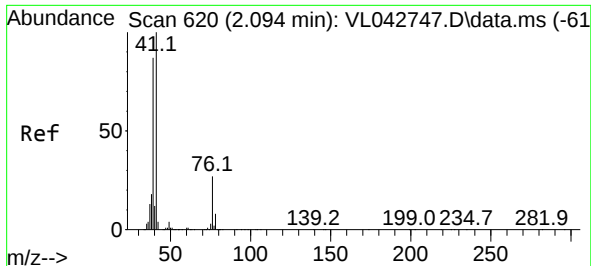
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#20
Methylene Chloride
Concen: 8.604 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 84 Resp: 54464
Ion Ratio Lower Upper
84 100
49 167.3 138.6 208.0
51 53.3 40.6 61.0
86 63.0 49.8 74.8





#21

Allyl Chloride

Concen: 9.764 ppbv

RT: 2.097 min Scan# 61

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 12088

Ion Ratio Lower Upper

41 100

76 27.1 21.1 31.7

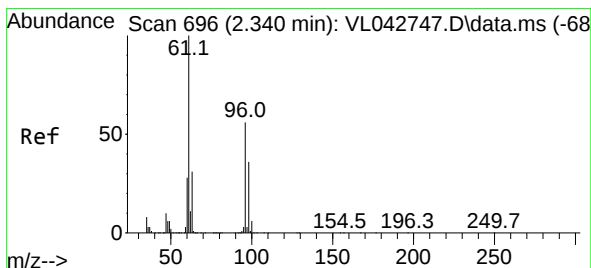
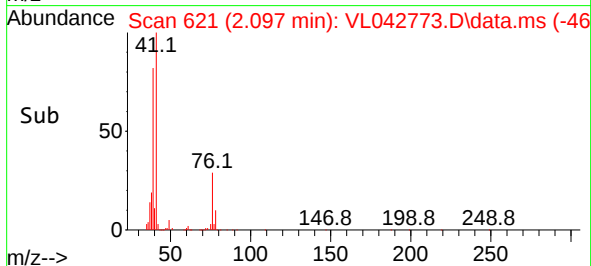
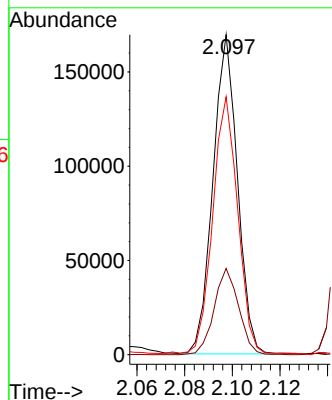
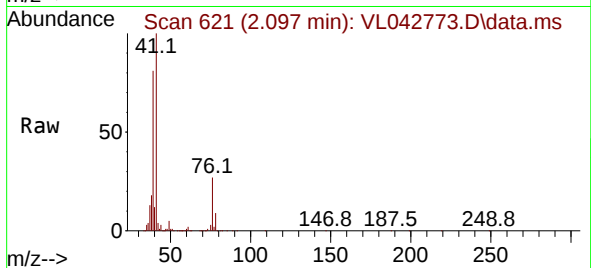
39 82.1 68.3 102.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#22

trans-1,2-Dichloroethene

Concen: 9.526 ppbv

RT: 2.340 min Scan# 696

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

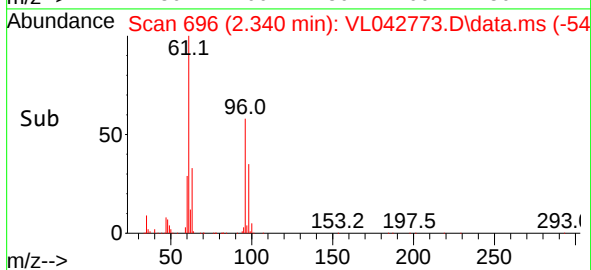
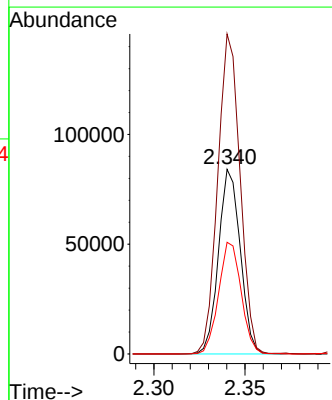
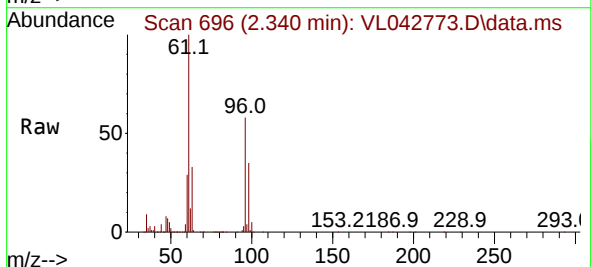
Tgt Ion: 96 Resp: 69760

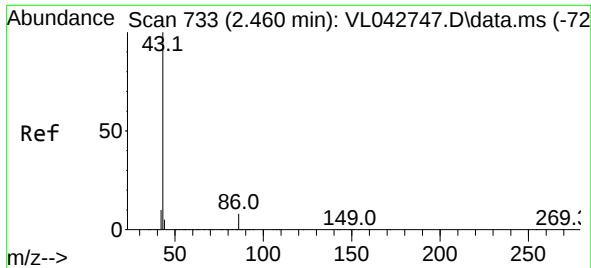
Ion Ratio Lower Upper

96 100

61 173.3 142.3 213.5

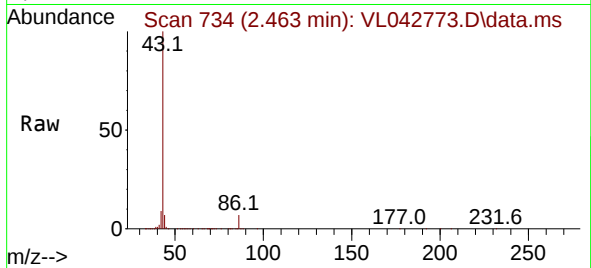
98 60.5 50.6 76.0





#23
 Vinyl Acetate
 Concen: 11.548 ppbv
 RT: 2.463 min Scan# 714
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

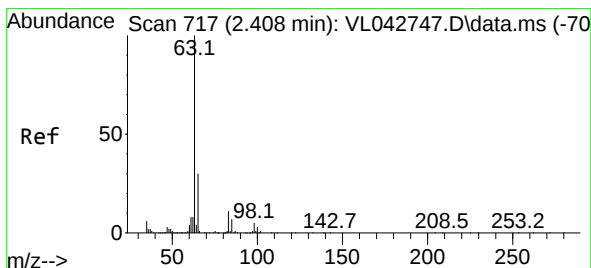
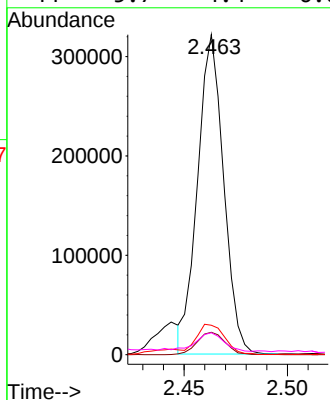
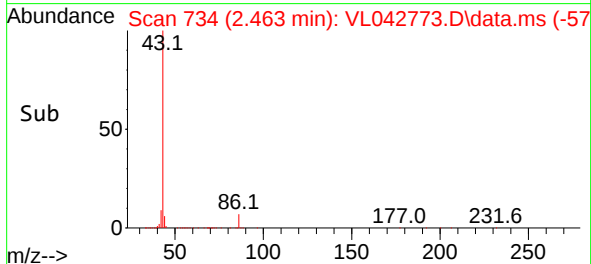
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 281244
 Ion Ratio Lower Upper
 43 100
 86 7.0 6.1 9.1
 42 9.1 7.8 11.8
 44 5.7 4.4 6.6

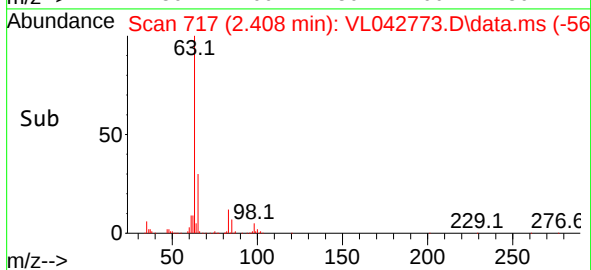
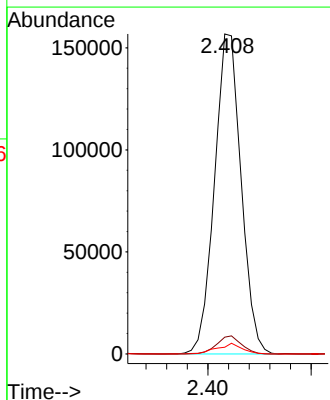
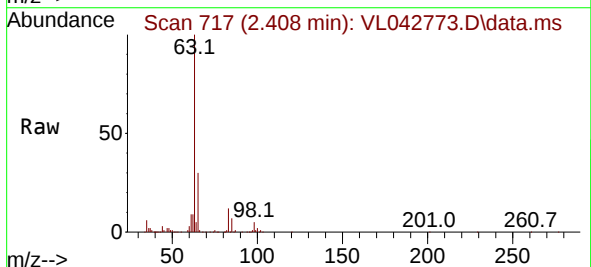
Manual Integrations
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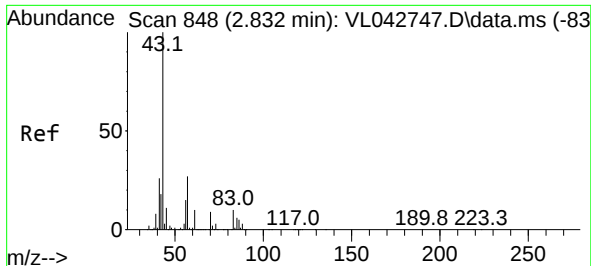
Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025



#24
 1,1-Dichloroethane
 Concen: 9.323 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.000 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Tgt Ion: 63 Resp: 140141
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.5 7.4
 100 2.1 1.6 4.8





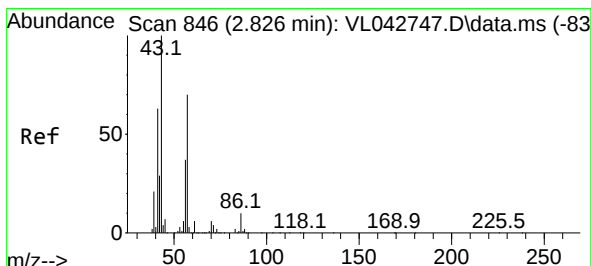
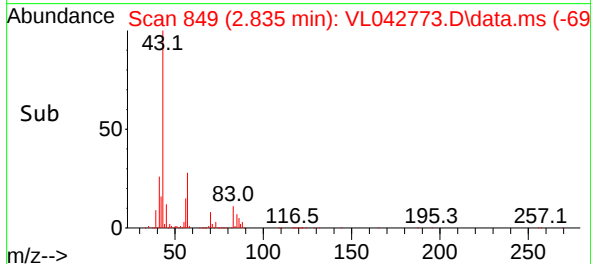
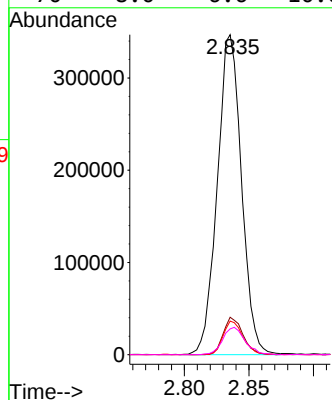
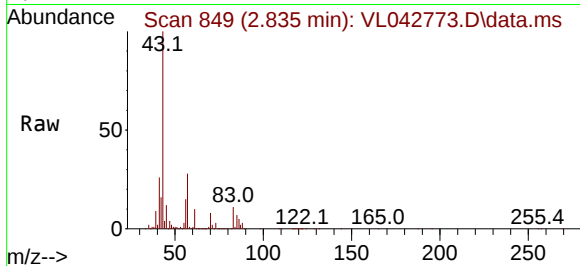
#25
Ethyl Acetate
Concen: 10.157 ppbv
RT: 2.835 min Scan# 848
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 451618
Ion Ratio Lower Upper
43 100
45 9.7 7.8 11.6
61 8.7 6.7 10.1
70 8.0 6.6 10.0

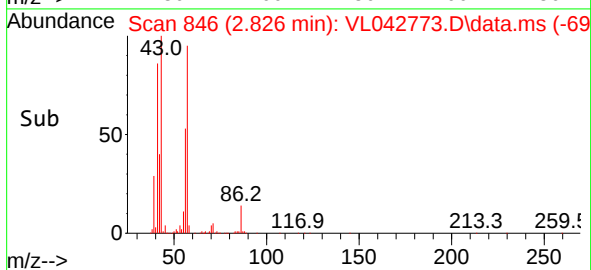
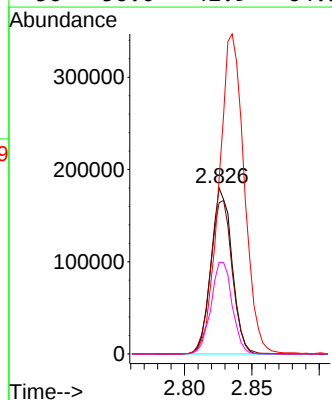
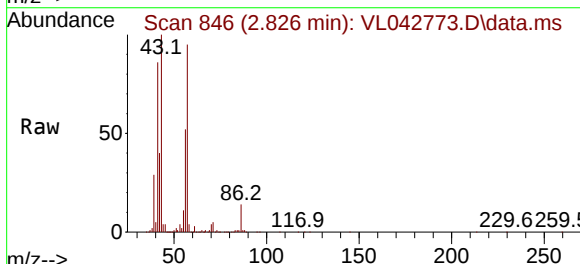
Manual Integrations
APPROVED

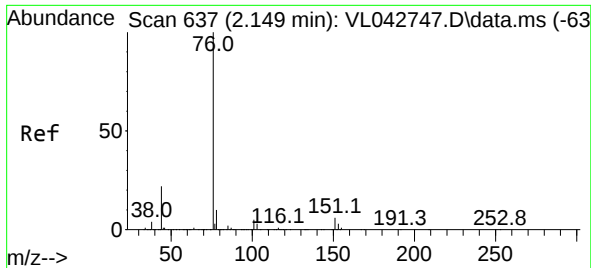
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#26
Hexane
Concen: 9.947 ppbv
RT: 2.826 min Scan# 846
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

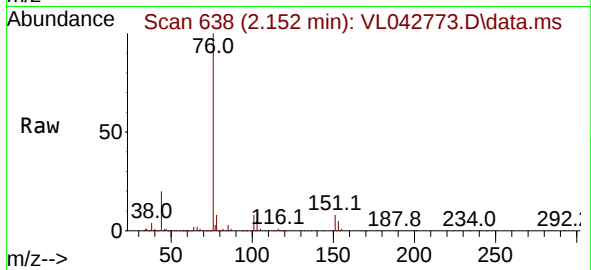
Tgt Ion: 57 Resp: 194029
Ion Ratio Lower Upper
57 100
41 96.4 75.4 113.2
43 234.4 185.0 277.6
56 56.0 42.9 64.3





#27
Carbon Disulfide
Concen: 10.430 ppbv
RT: 2.152 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

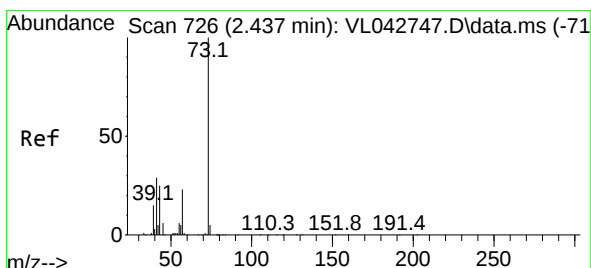
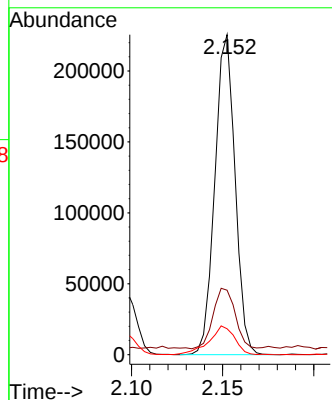
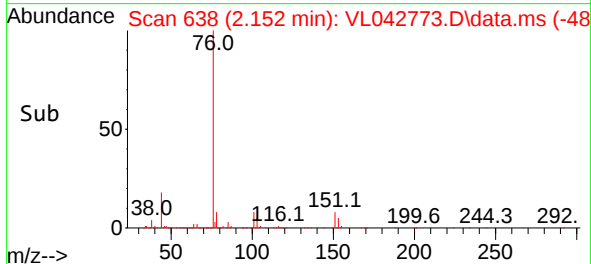
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



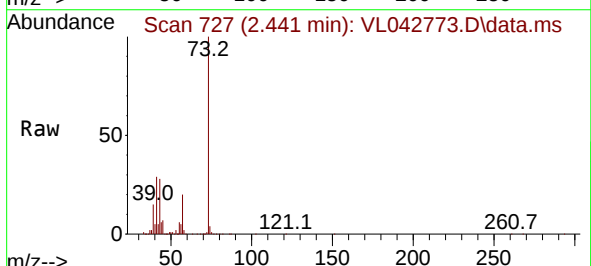
Tgt Ion: 76 Resp: 174164
Ion Ratio Lower Upper
76 100
44 29.5 19.3 28.9
78 11.4 9.9 14.9

Manual Integrations
APPROVED

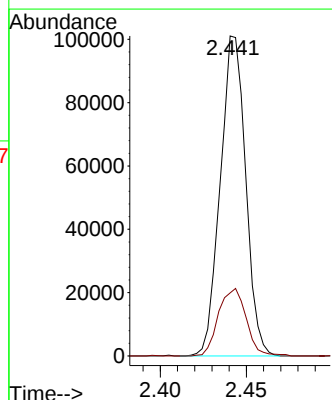
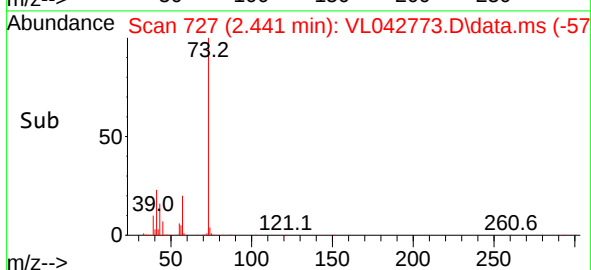
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

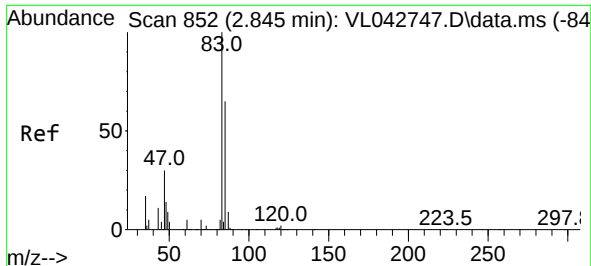


#28
Methyl tert-Butyl Ether
Concen: 11.249 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



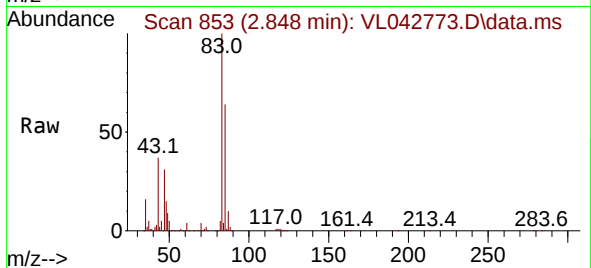
Tgt Ion: 73 Resp: 103653
Ion Ratio Lower Upper
73 100
57 23.1 19.8 29.8





#29
Chloroform
Concen: 10.070 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

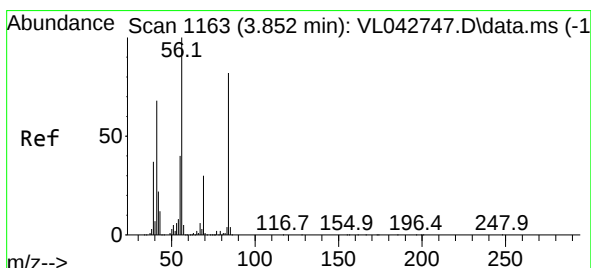
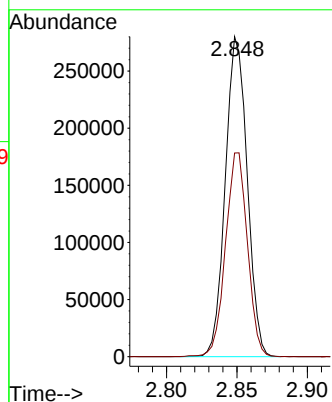
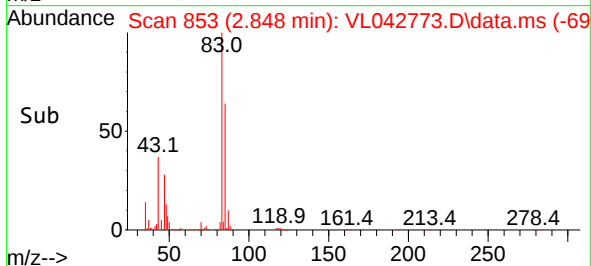
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



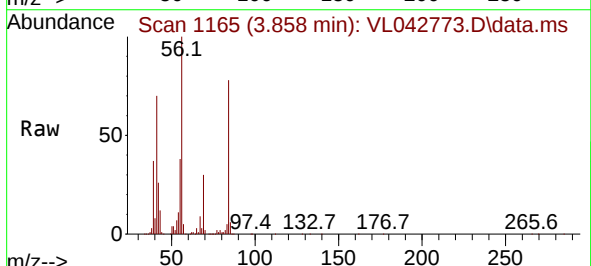
Tgt Ion: 83 Resp: 303509
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2

Manual Integrations
APPROVED

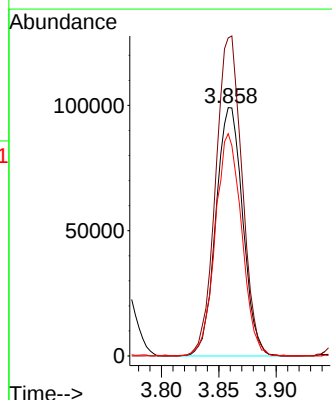
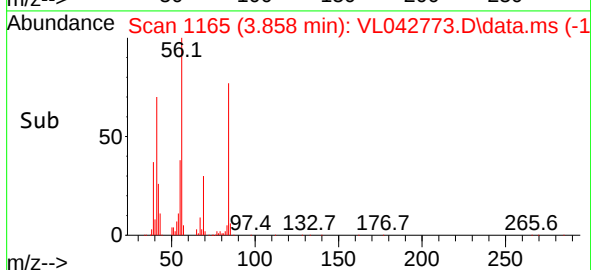
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#30
Cyclohexane
Concen: 9.770 ppbv
RT: 3.858 min Scan# 1165
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



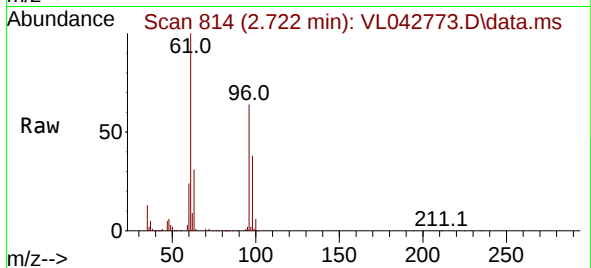
Tgt Ion: 84 Resp: 161614
Ion Ratio Lower Upper
84 100
56 126.5 97.5 146.3
41 88.1 67.2 100.8





#31
 cis-1,2-Dichloroethene
 Concen: 9.787 ppbv
 RT: 2.722 min Scan# 813
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

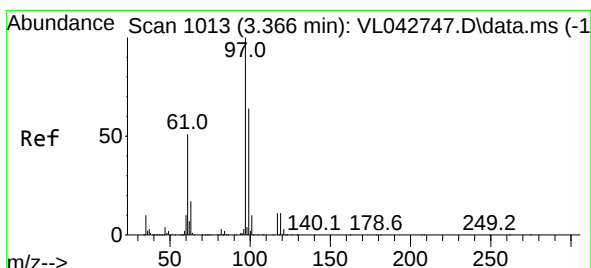
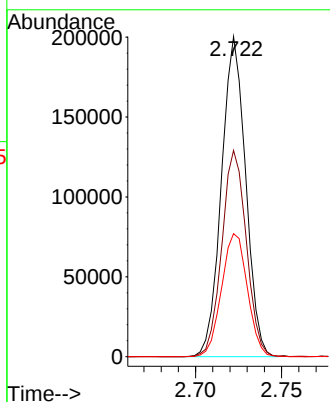
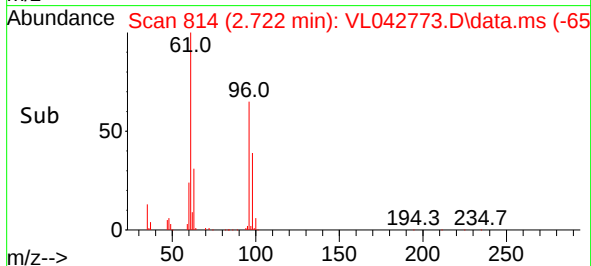
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



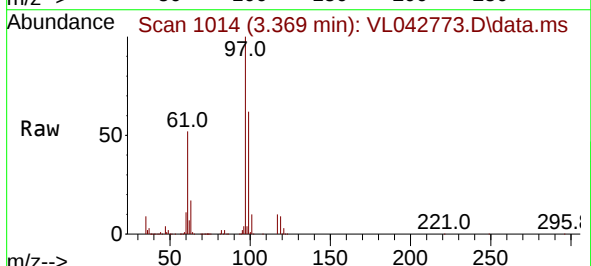
Tgt Ion: 61 Resp: 196170
 Ion Ratio Lower Upper
 61 100
 96 64.4 53.5 80.3
 98 38.5 33.6 50.4

Manual Integrations
 APPROVED

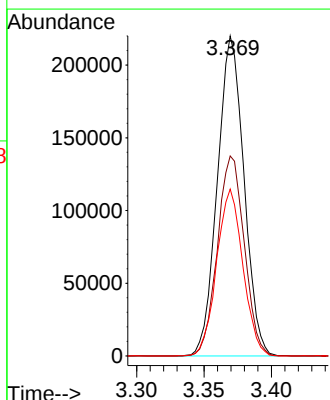
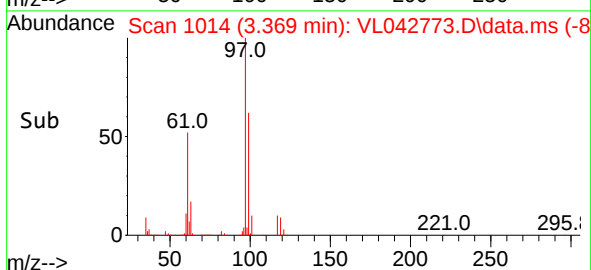
Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

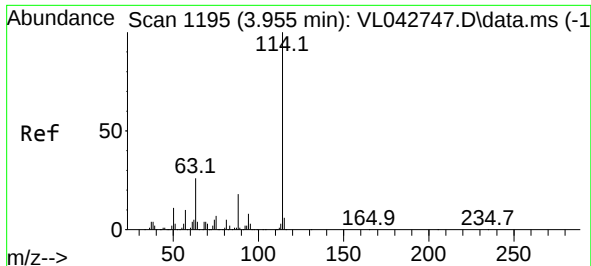


#32
 1,1,1-Trichloroethane
 Concen: 9.619 ppbv
 RT: 3.369 min Scan# 1014
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28



Tgt Ion: 97 Resp: 301986
 Ion Ratio Lower Upper
 97 100
 99 63.2 51.0 76.6
 61 51.4 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 401010

Ion Ratio Lower Upper

114 100

63 26.3 20.5 30.7

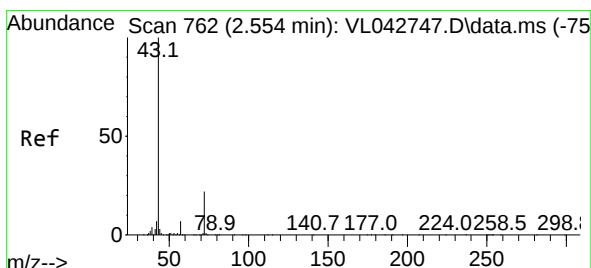
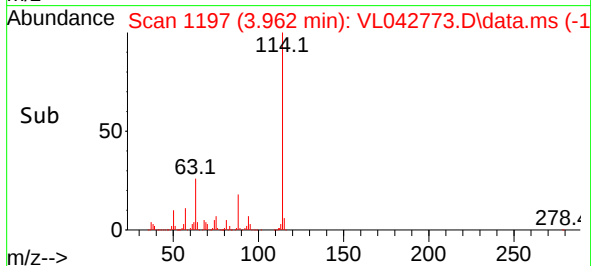
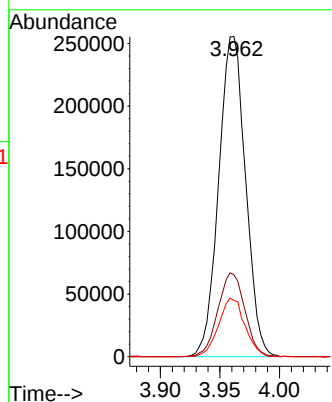
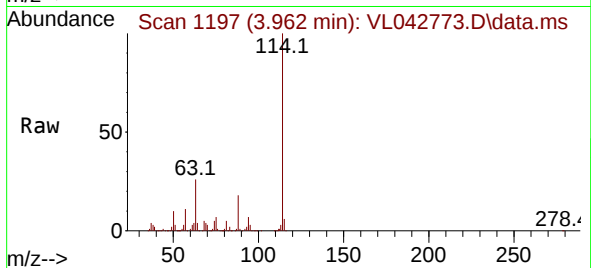
88 17.9 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#34

2-Butanone

Concen: 10.525 ppbv

RT: 2.557 min Scan# 763

Delta R.T. 0.003 min

Lab File: VL042773.D

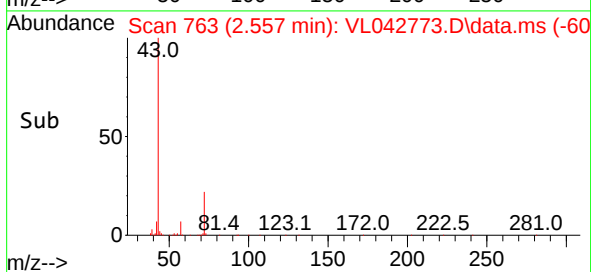
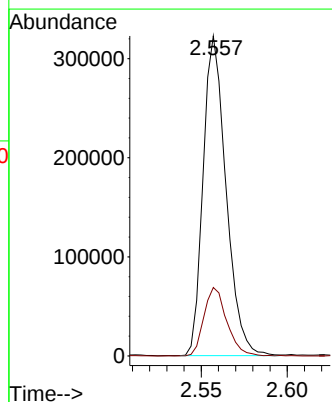
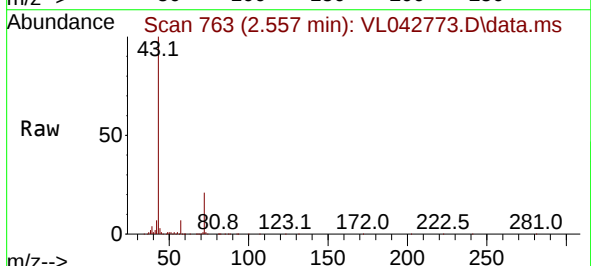
Acq: 29 Jul 2025 08:28

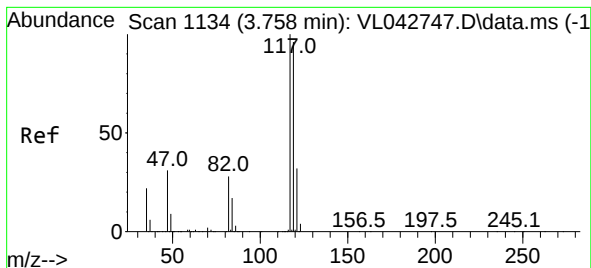
Tgt Ion: 43 Resp: 298973

Ion Ratio Lower Upper

43 100

72 21.5 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.597 ppbv

RT: 3.768 min Scan# 1134

Delta R.T. 0.010 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

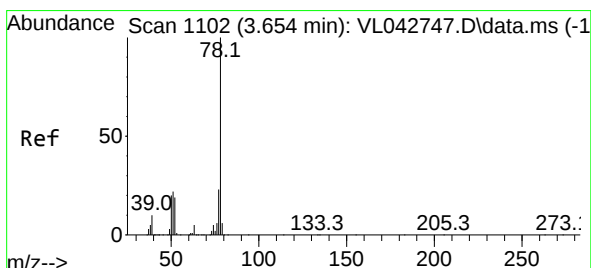
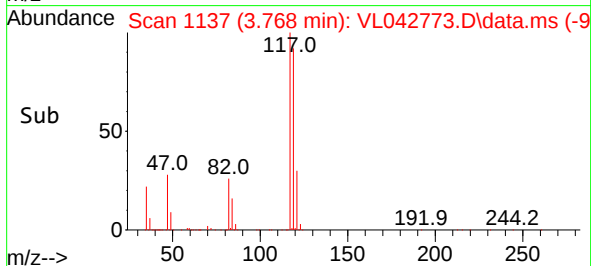
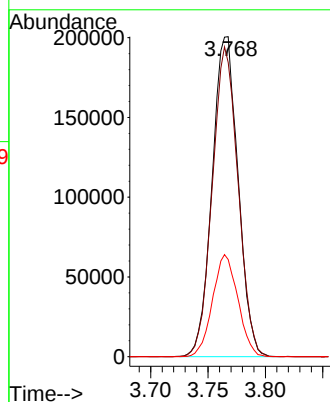
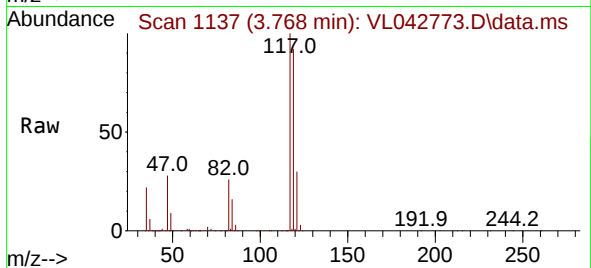
Tgt Ion:117 Resp: 31566

Ion	Ratio	Lower	Upper
117	100		
119	91.9	77.1	115.7
121	30.3	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#36

Benzene

Concen: 10.386 ppbv

RT: 3.657 min Scan# 1103

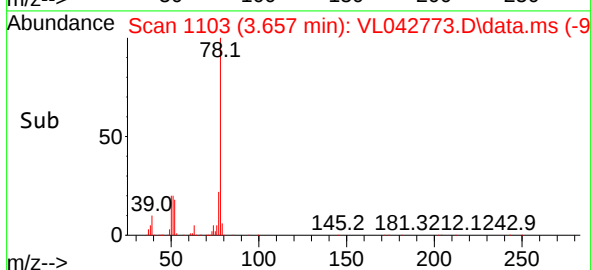
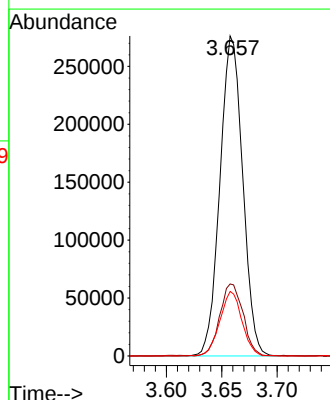
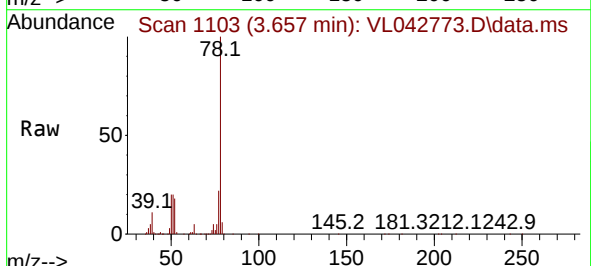
Delta R.T. 0.003 min

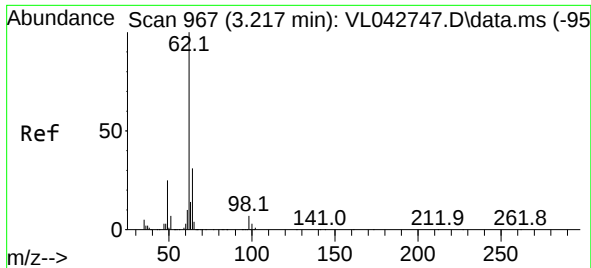
Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion: 78 Resp: 394734

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.5	27.7
50	20.2	16.2	24.2





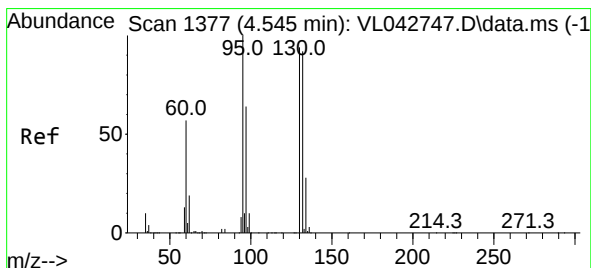
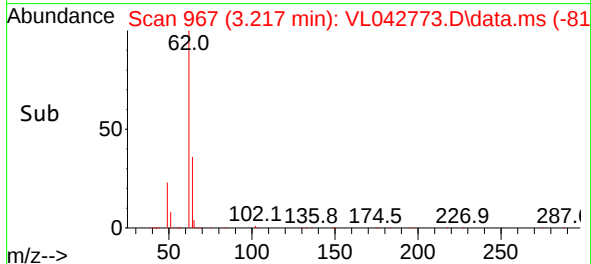
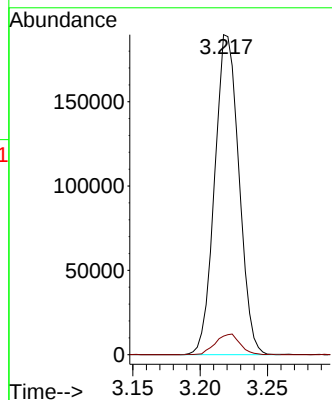
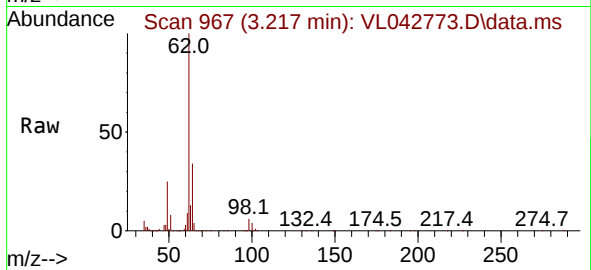
#37
1,2-Dichloroethane
Concen: 10.417 ppbv
RT: 3.217 min Scan# 90
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 238490
Ion Ratio Lower Upper
62 100
98 6.5 5.2 7.8

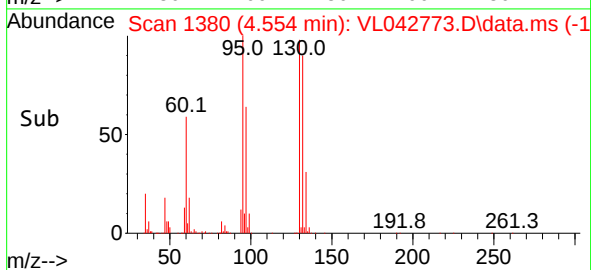
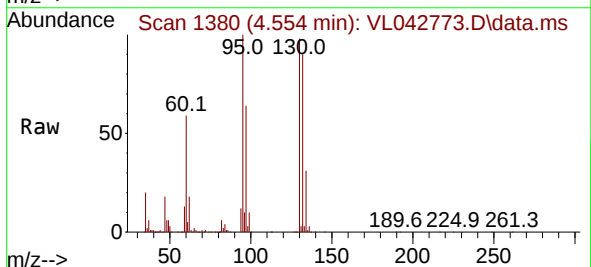
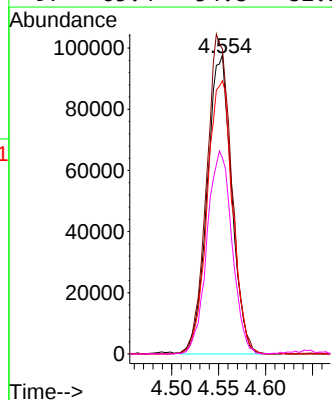
Manual Integrations
APPROVED

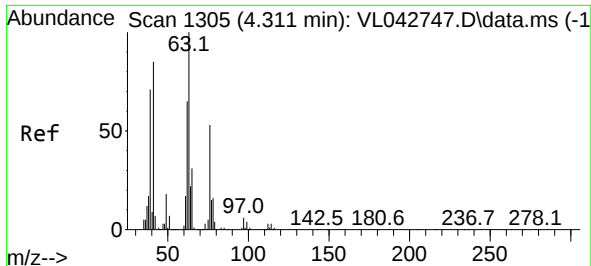
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#38
Trichloroethene
Concen: 9.680 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. 0.009 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion:130 Resp: 176737
Ion Ratio Lower Upper
130 100
95 102.0 85.4 128.2
132 91.3 78.2 117.2
97 65.4 54.8 82.2





#39

1,2-Dichloropropane

Concen: 10.190 ppbv

RT: 4.315 min Scan# 1305

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 14296

Ion Ratio Lower Upper

63 100

41 91.0 68.2 102.4

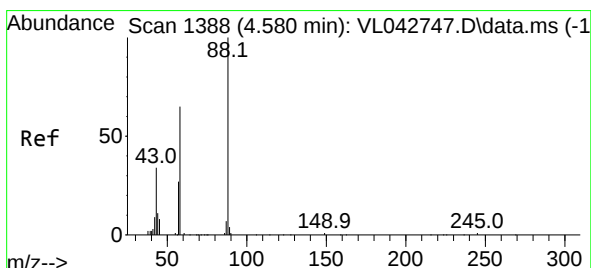
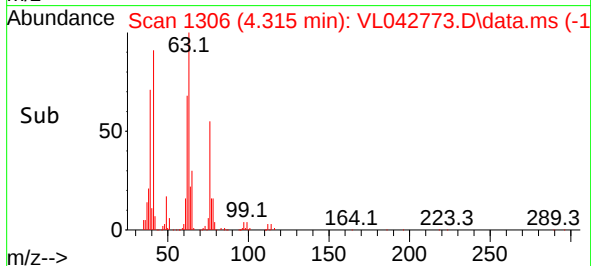
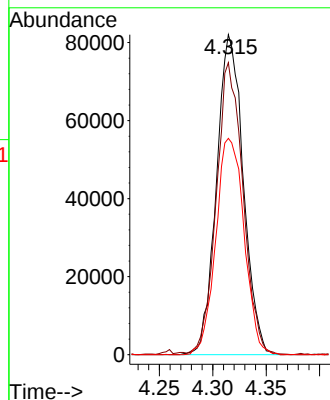
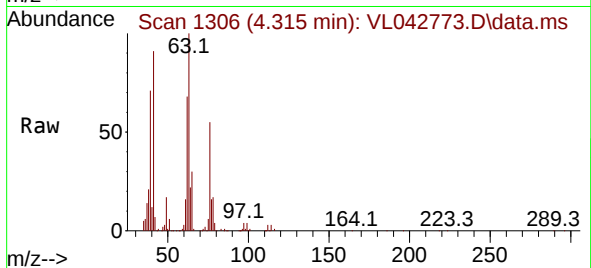
62 67.6 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#40

1,4-Dioxane

Concen: 9.727 ppbv

RT: 4.583 min Scan# 1389

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion: 88 Resp: 63605

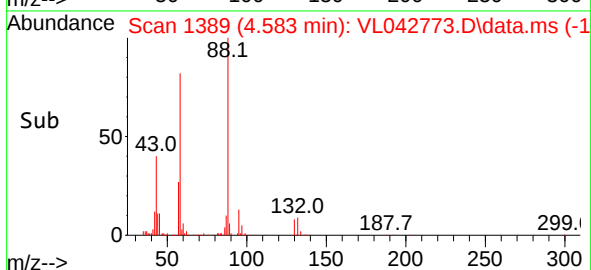
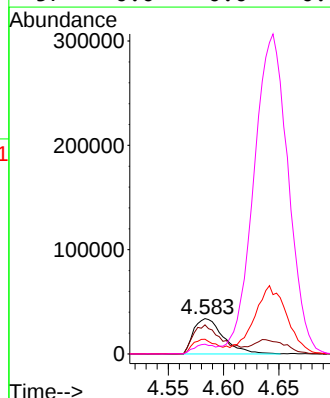
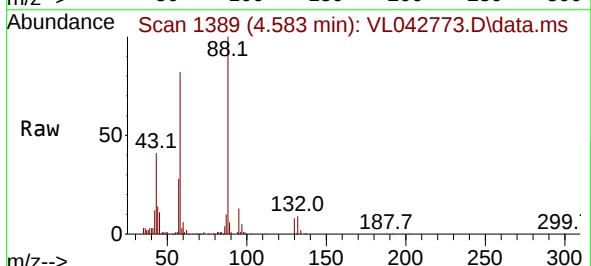
Ion Ratio Lower Upper

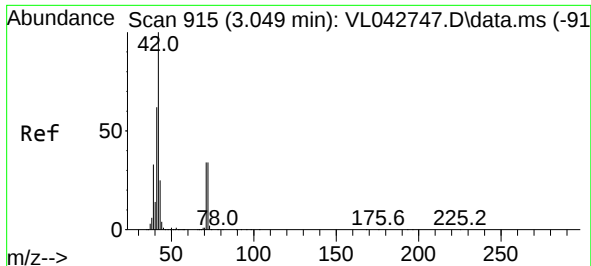
88 100

58 82.3 58.8 88.2

43 36.2 28.9 43.3

57 0.0 0.0 0.0





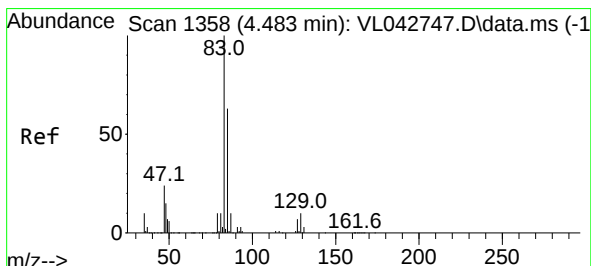
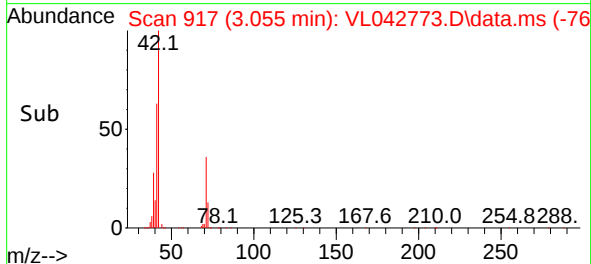
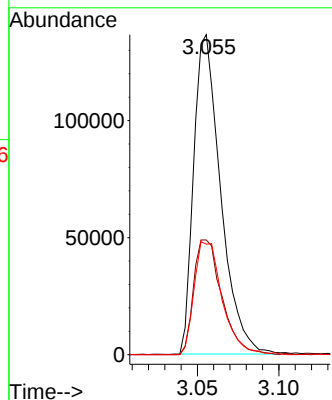
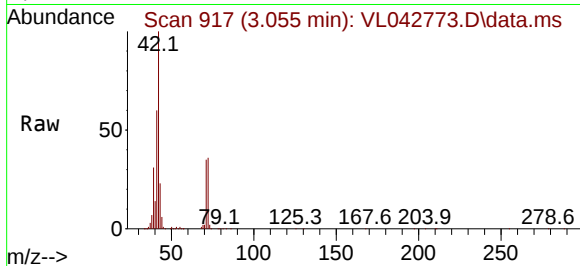
#41
Tetrahydrofuran
Concen: 10.874 ppbv
RT: 3.055 min Scan# 915
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 15717
Ion Ratio Lower Upper
42 100
72 37.9 30.9 46.3
71 37.1 28.6 43.0

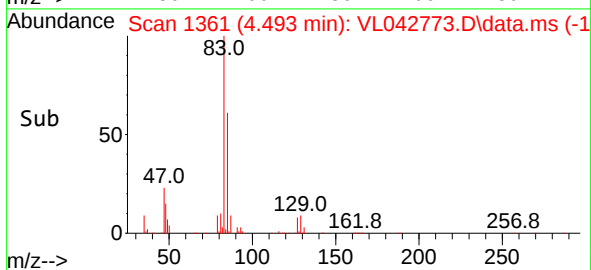
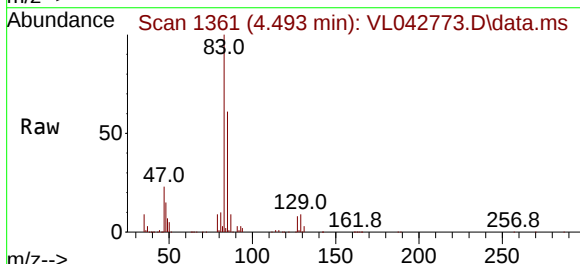
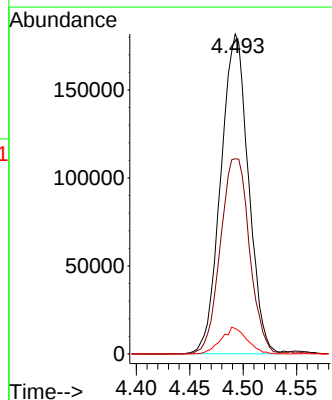
Manual Integrations
APPROVED

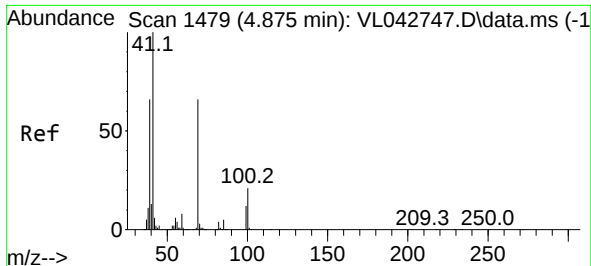
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#42
Bromodichloromethane
Concen: 10.986 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.009 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 83 Resp: 327576
Ion Ratio Lower Upper
83 100
85 61.0 50.2 75.4
127 8.0 5.4 8.2





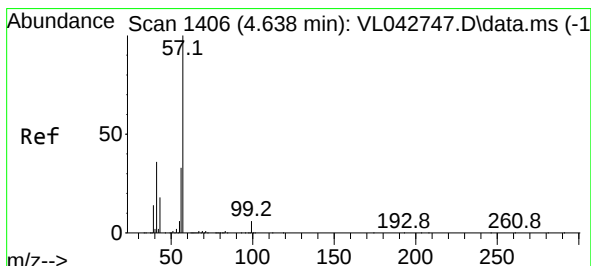
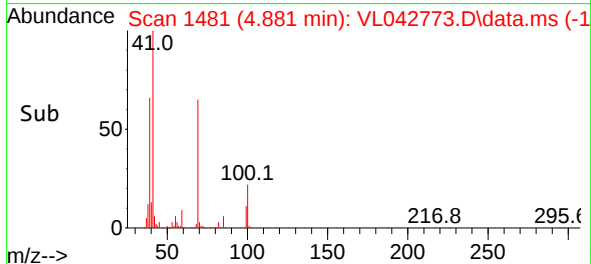
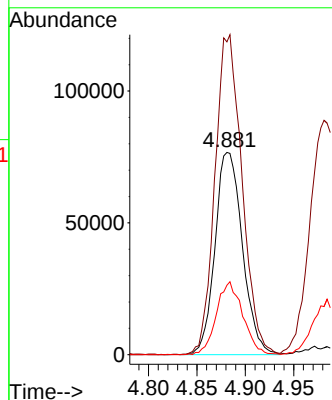
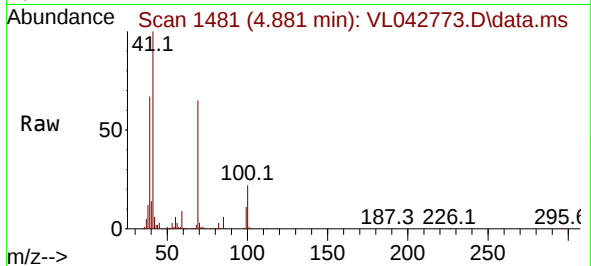
#43
Methyl Methacrylate
Concen: 11.204 ppbv
RT: 4.881 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 15135
Ion Ratio Lower Upper
69 100
41 156.2 125.7 188.5
100 34.8 28.6 42.8

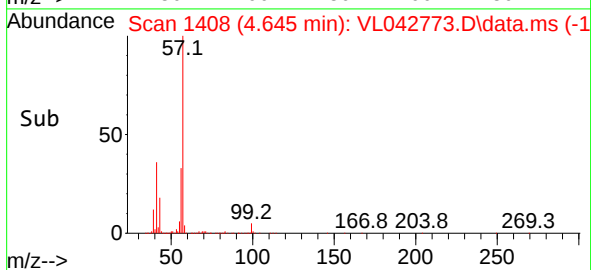
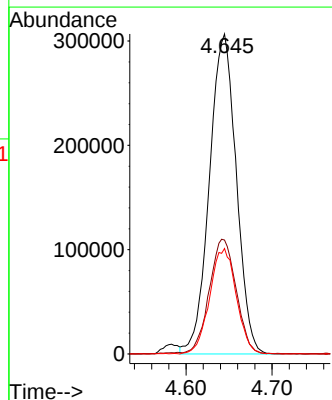
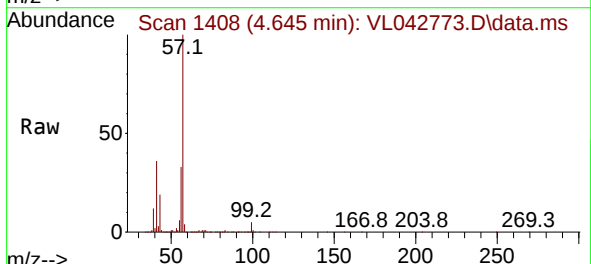
Manual Integrations
APPROVED

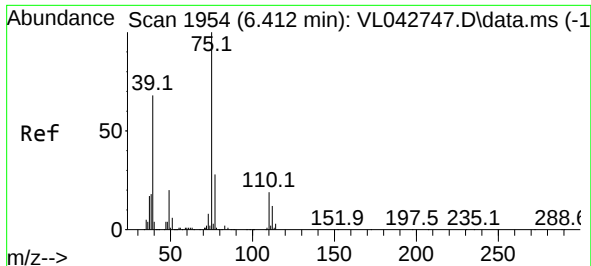
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#44
2,2,4-Trimethylpentane
Concen: 10.747 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 57 Resp: 665750
Ion Ratio Lower Upper
57 100
41 36.4 28.3 42.5
56 32.7 25.8 38.6





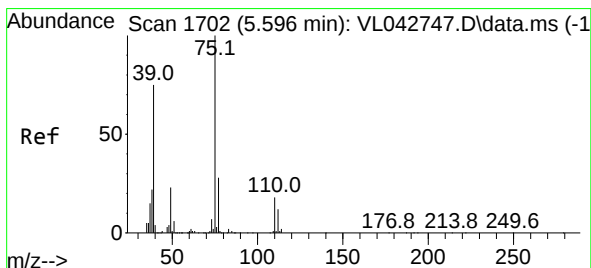
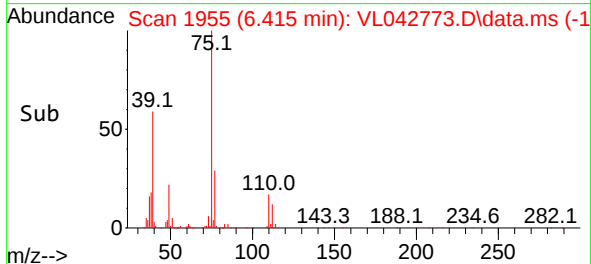
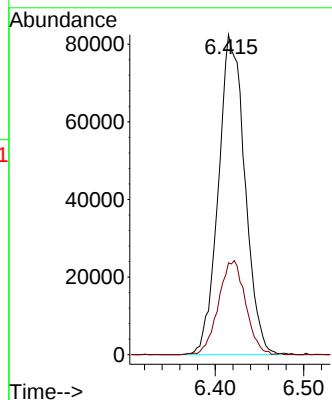
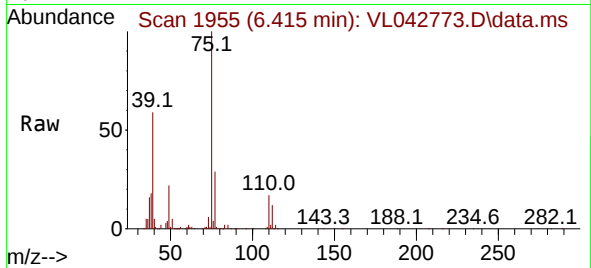
#45
t-1,3-Dichloropropene
Concen: 11.304 ppbv
RT: 6.415 min Scan# 1954
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 171240
Ion Ratio Lower Upper
75 100
77 28.7 22.4 33.6

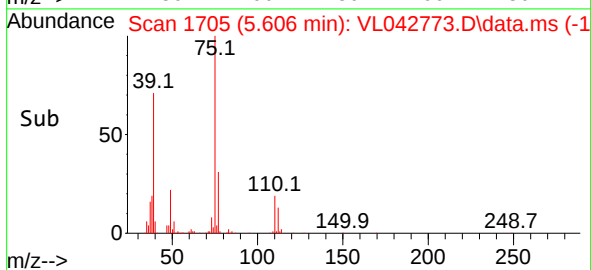
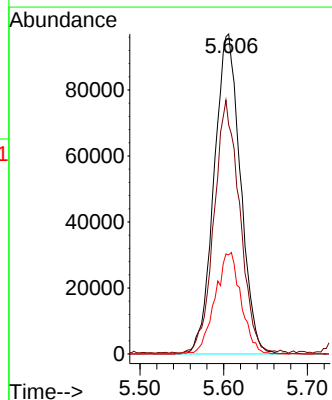
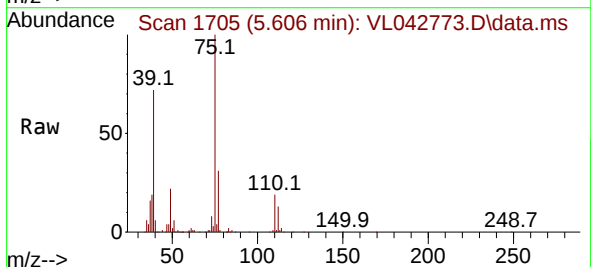
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#46
cis-1,3-Dichloropropene
Concen: 11.028 ppbv
RT: 5.606 min Scan# 1705
Delta R.T. 0.010 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 75 Resp: 211694
Ion Ratio Lower Upper
75 100
39 71.2 60.2 90.2
77 30.9 22.6 34.0





#47

1,1,2-Trichloroethane

Concen: 10.161 ppbv

RT: 6.580 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 15195

Ion Ratio Lower Upper

97 100

83 86.8 71.1 106.7

85 54.5 43.0 64.4

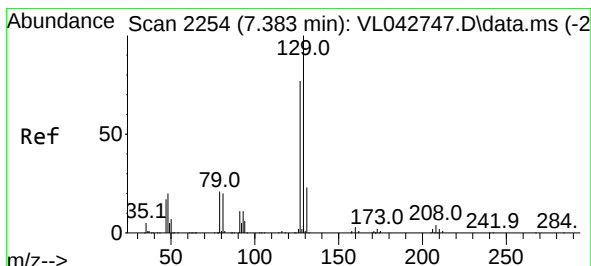
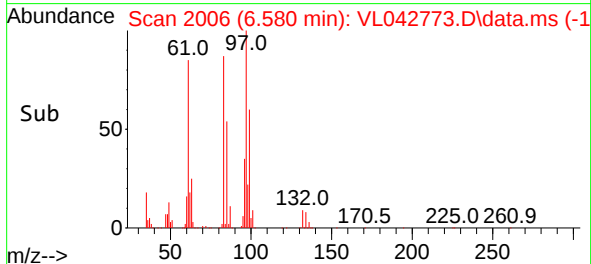
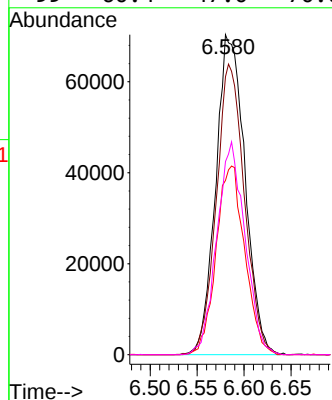
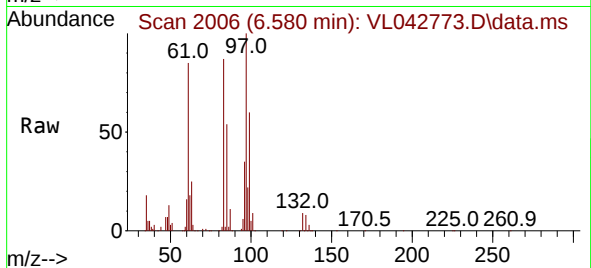
99 60.4 47.0 70.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#48

Dibromochloromethane

Concen: 11.373 ppbv

RT: 7.389 min Scan# 2256

Delta R.T. 0.006 min

Lab File: VL042773.D

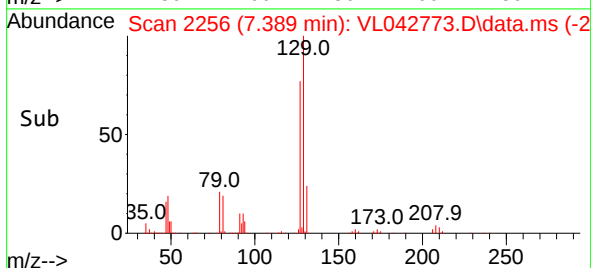
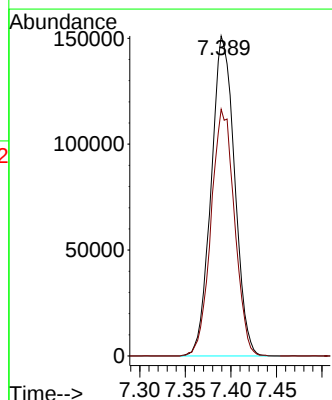
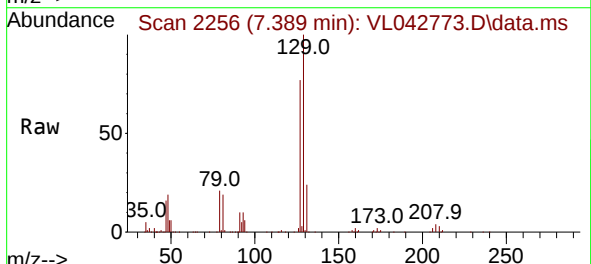
Acq: 29 Jul 2025 08:28

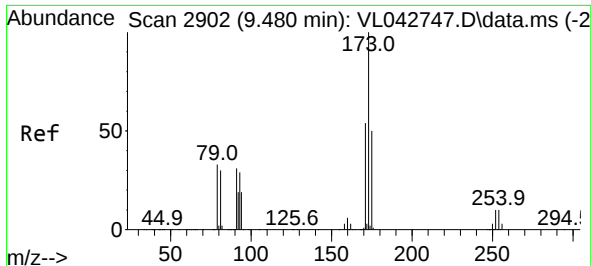
Tgt Ion:129 Resp: 269997

Ion Ratio Lower Upper

129 100

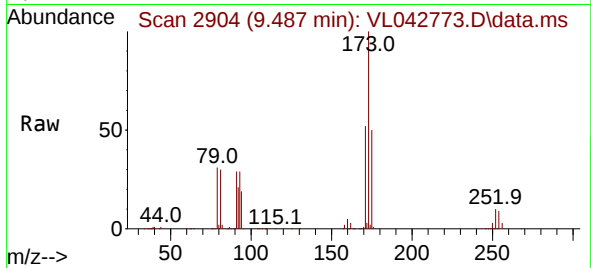
127 77.3 38.7 116.1





#49
Bromoform
Concen: 11.409 ppbv
RT: 9.487 min Scan# 2902
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

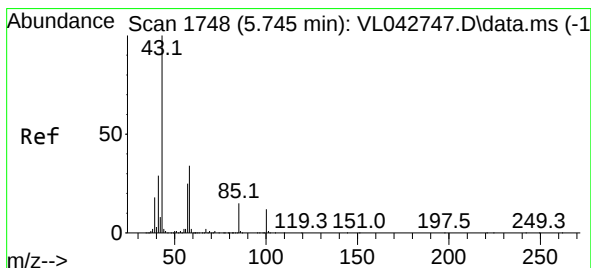
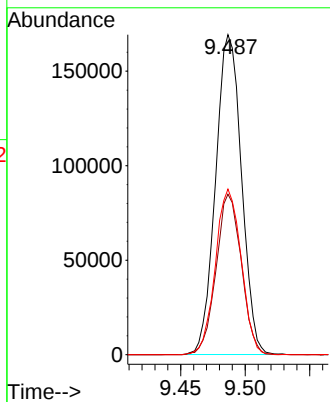
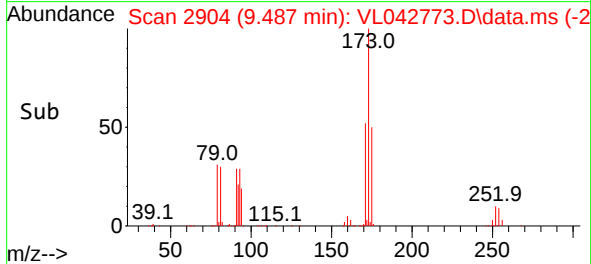
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 23618
Ion Ratio Lower Upper
173 100
175 48.9 38.4 57.6
171 51.5 40.9 61.3

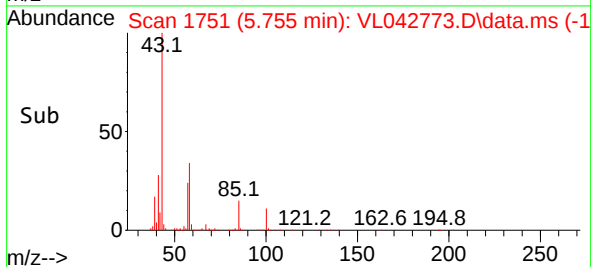
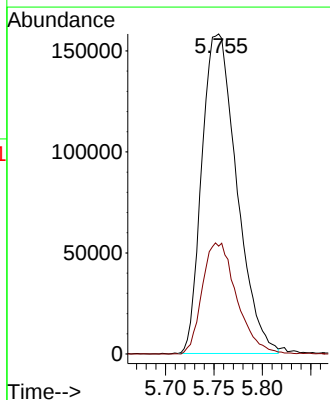
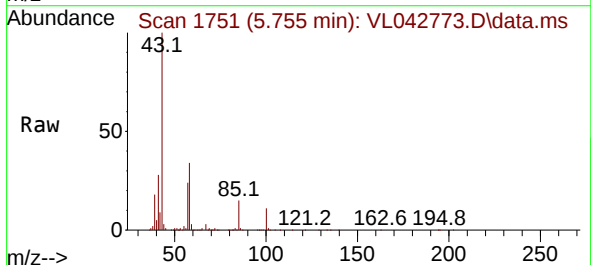
Manual Integrations
APPROVED

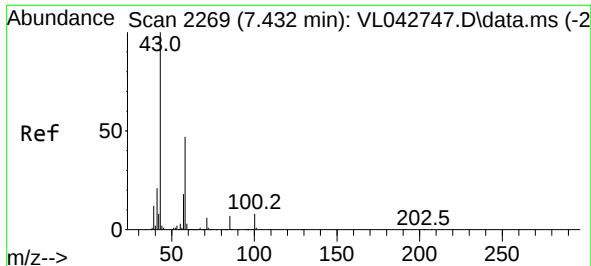
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#50
4-Methyl-2-Pentanone
Concen: 10.839 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.010 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

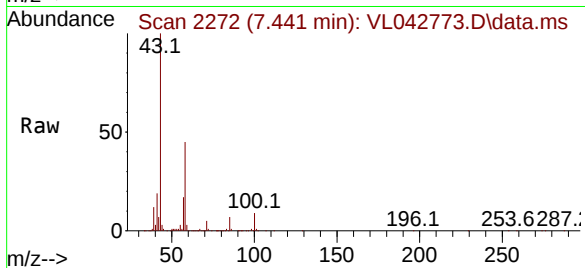
Tgt Ion: 43 Resp: 396599
Ion Ratio Lower Upper
43 100
58 34.4 27.8 41.8





#51
2-Hexanone
Concen: 11.660 ppbv
RT: 7.441 min Scan# 2115
Delta R.T. 0.009 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

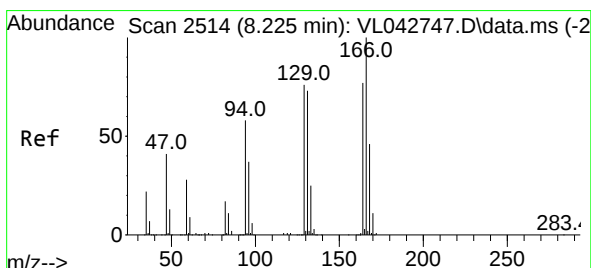
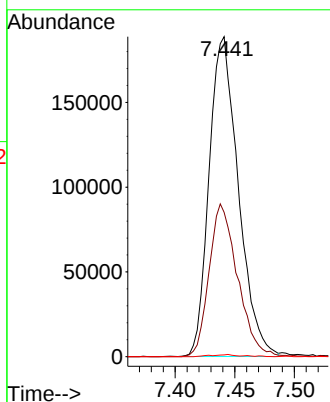
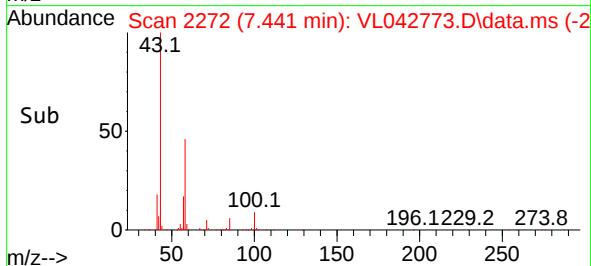
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



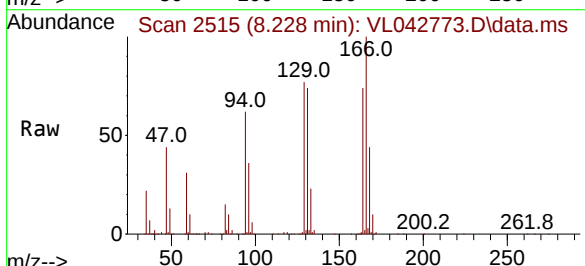
Tgt Ion: 43 Resp: 322404
Ion Ratio Lower Upper
43 100
58 46.8 38.0 57.0
98 0.7 0.2 0.4

Manual Integrations
APPROVED

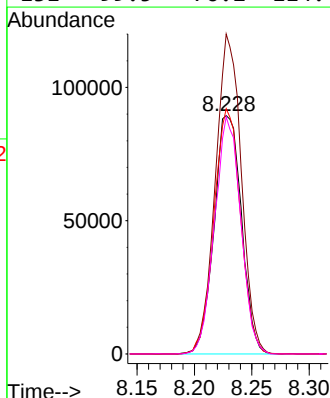
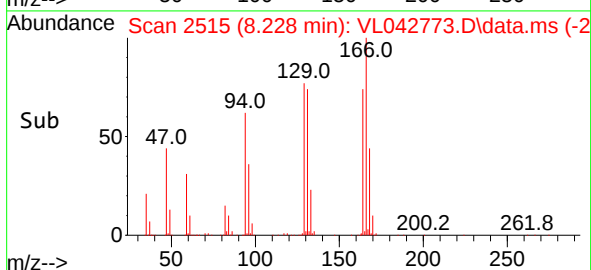
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

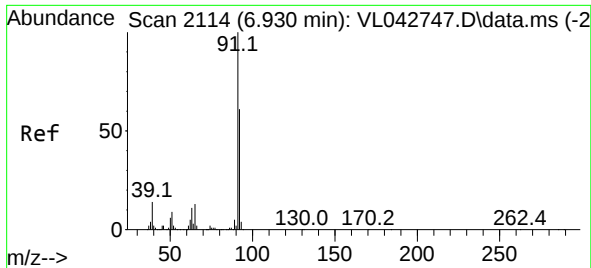


#52
Tetrachloroethene
Concen: 9.417 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



Tgt Ion:164 Resp: 148349
Ion Ratio Lower Upper
164 100
166 134.3 104.0 156.0
129 102.9 79.2 118.8
131 99.5 76.2 114.4





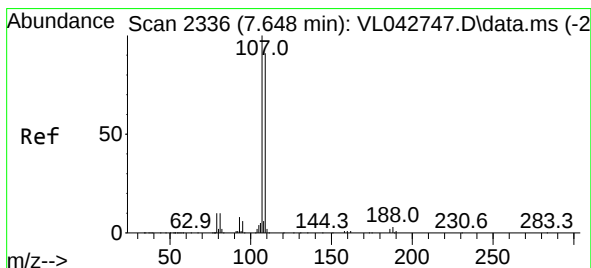
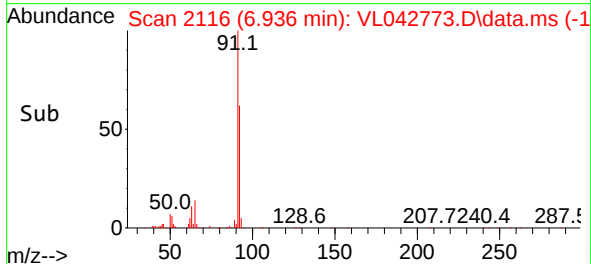
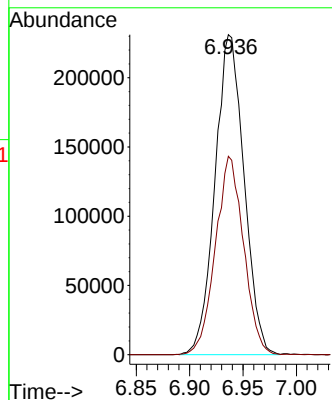
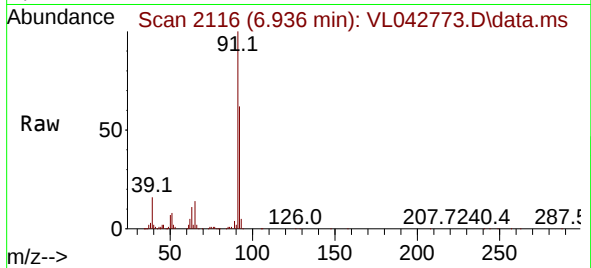
#53
Toluene
Concen: 10.708 ppbv
RT: 6.936 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 437014
Ion Ratio Lower Upper
91 100
92 60.2 48.0 72.0

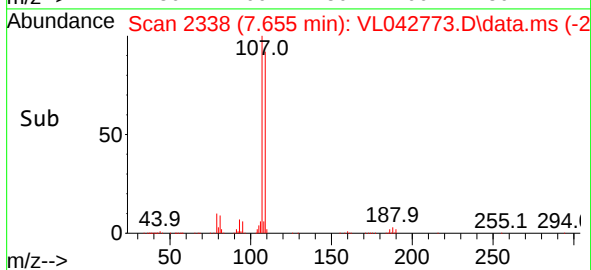
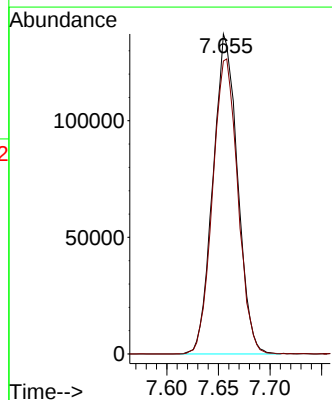
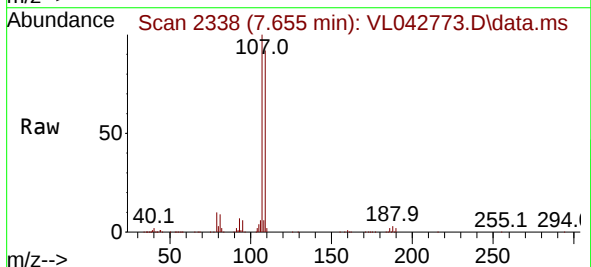
Manual Integrations
APPROVED

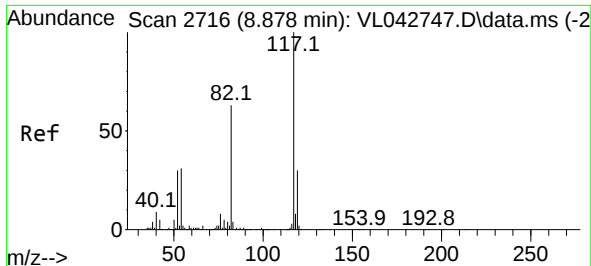
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#54
1,2-Dibromoethane
Concen: 10.750 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

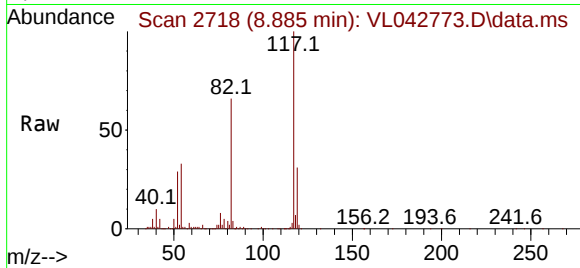
Tgt Ion:107 Resp: 227138
Ion Ratio Lower Upper
107 100
109 91.5 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

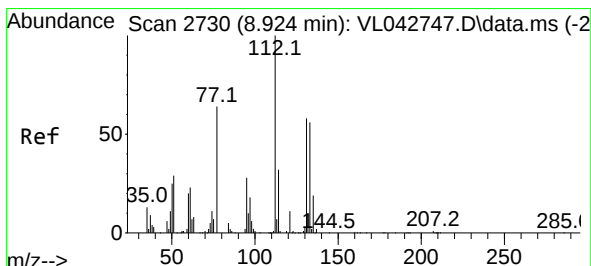
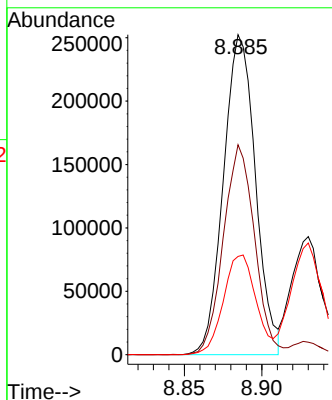
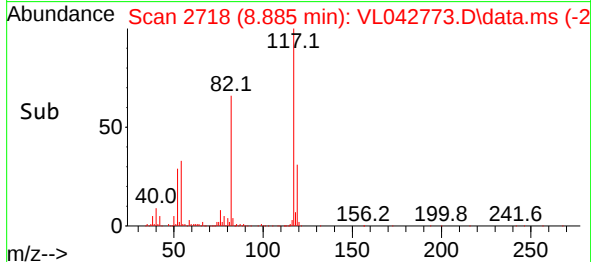
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



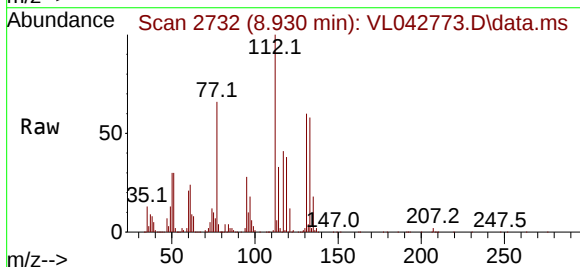
Tgt Ion:117 Resp: 363840
Ion Ratio Lower Upper
117 100
82 67.6 53.3 79.9
119 31.8 25.8 38.6

Manual Integrations
APPROVED

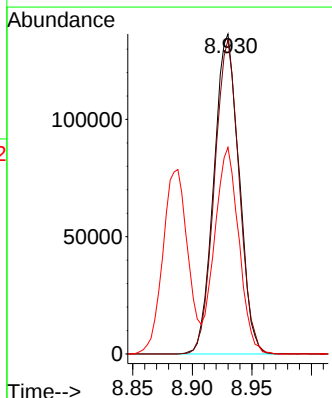
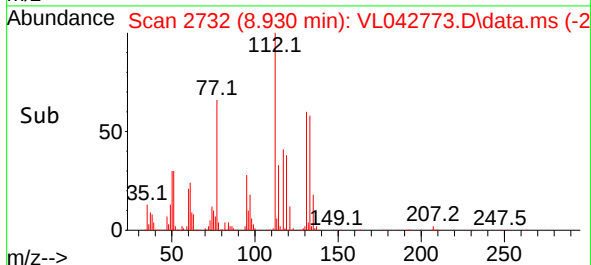
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

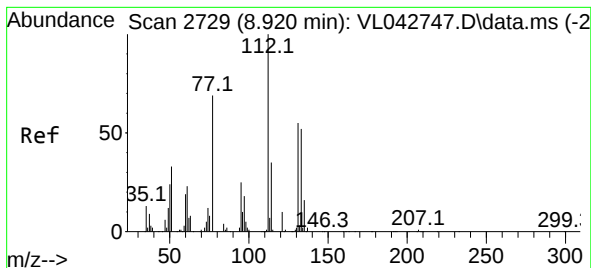


#56
1,1,1,2-Tetrachloroethane
Concen: 10.570 ppbv
RT: 8.930 min Scan# 2732
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



Tgt Ion:131 Resp: 199954
Ion Ratio Lower Upper
131 100
133 96.4 76.8 115.2
119 63.2 49.7 74.5





#57

Chlorobenzene

Concen: 10.122 ppbv

RT: 8.927 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

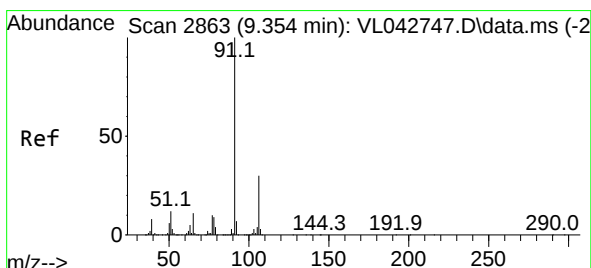
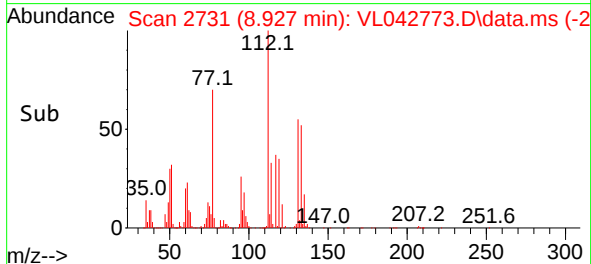
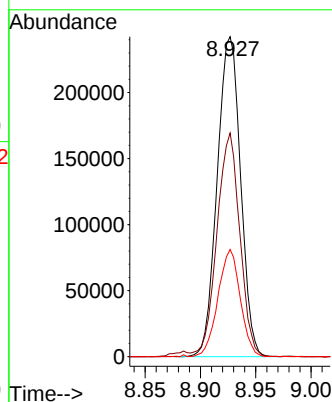
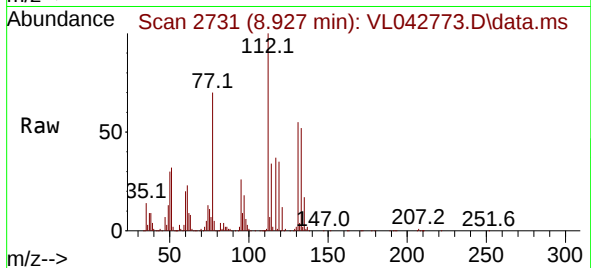
VSTDCCC010

Tgt Ion:	112	Resp:	35642
Ion Ratio	Lower	Upper	
112	100		
77	69.9	56.4	84.6
114	33.5	31.2	38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#58

Ethyl Benzene

Concen: 10.685 ppbv

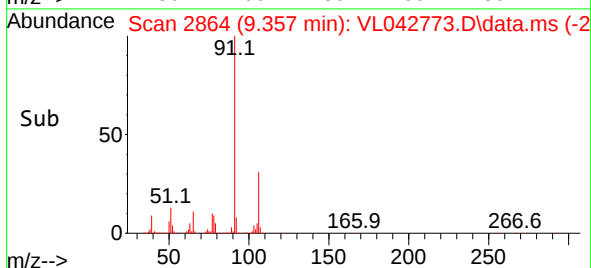
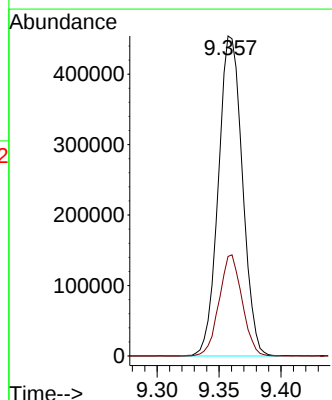
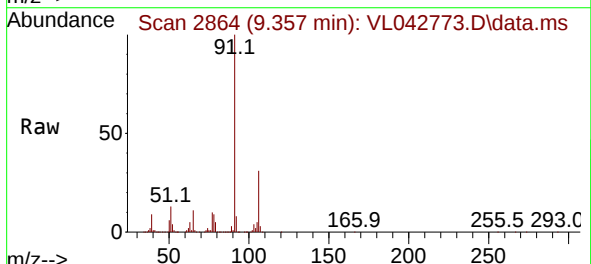
RT: 9.357 min Scan# 2864

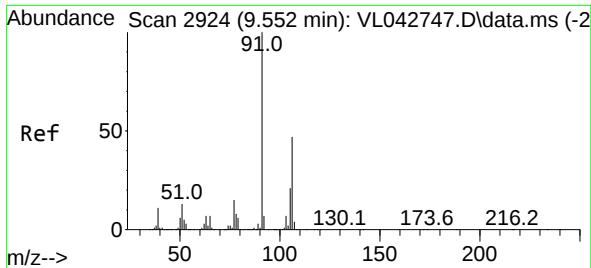
Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion:	91	Resp:	613946
Ion Ratio	Lower	Upper	
91	100		
106	31.1	23.8	35.6





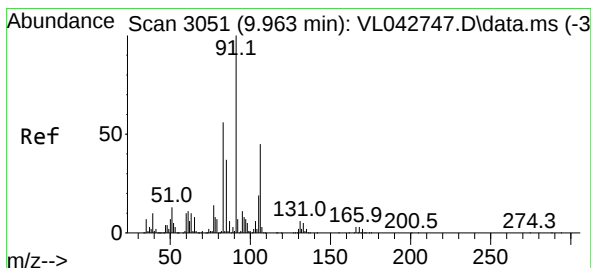
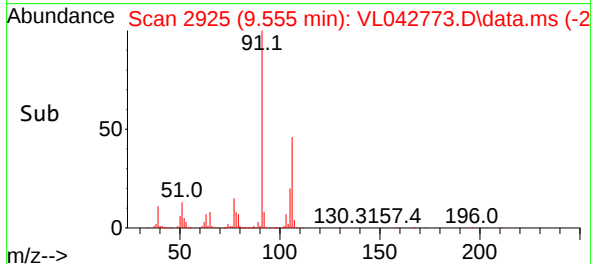
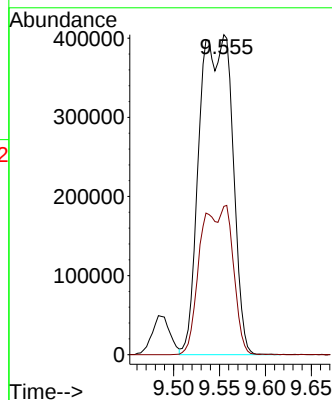
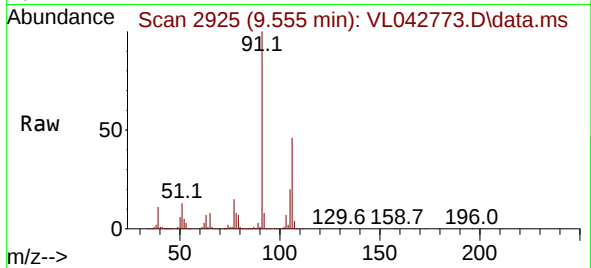
#59
m/p-Xylene
Concen: 22.141 ppbv m
RT: 9.555 min Scan# 2924
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 101669
Ion Ratio Lower Upper
91 100
106 45.8 37.4 56.2

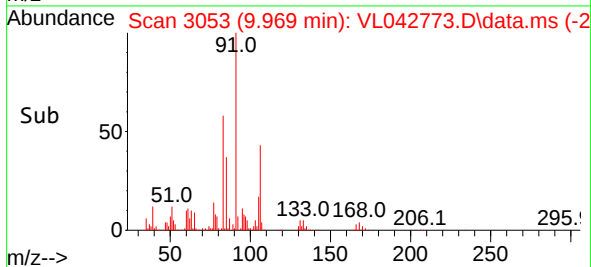
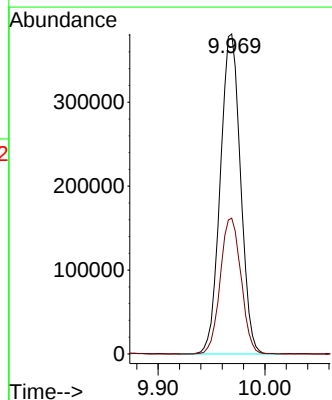
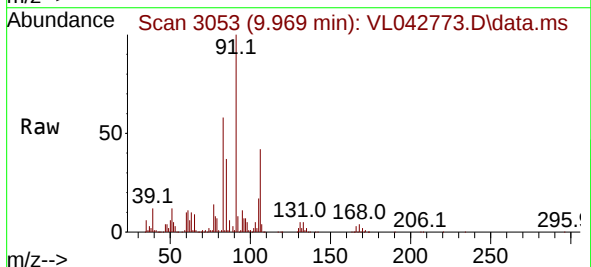
Manual Integrations
APPROVED

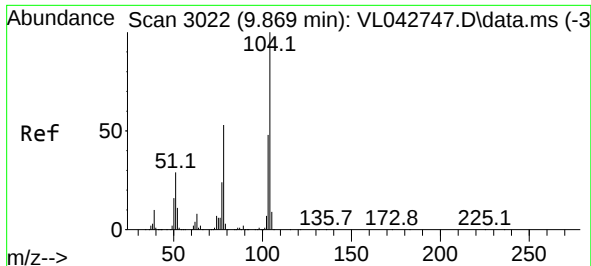
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#60
o-Xylene
Concen: 10.926 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Tgt Ion: 91 Resp: 501341
Ion Ratio Lower Upper
91 100
106 43.6 22.0 66.0





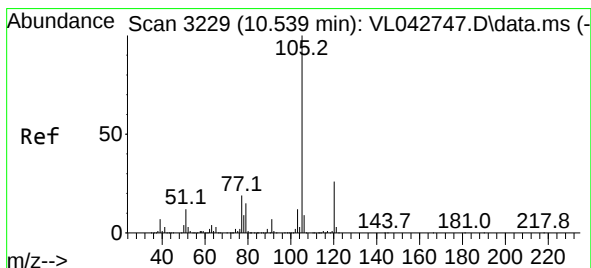
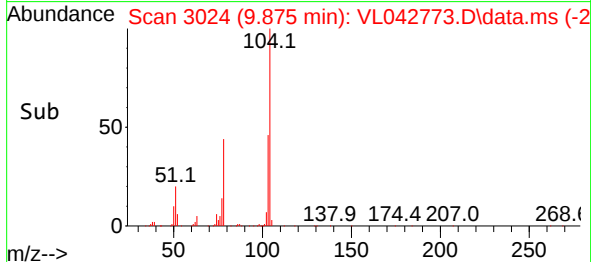
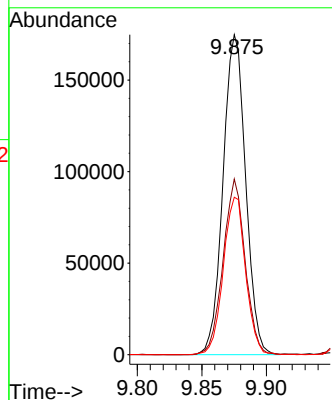
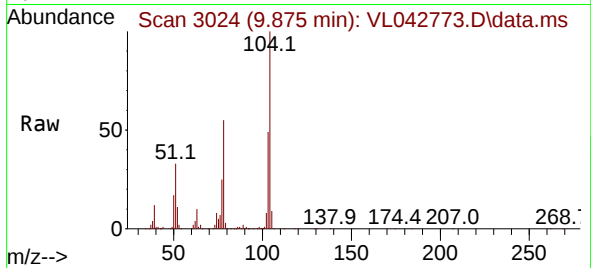
#61
Styrene
Concen: 11.021 ppbv
RT: 9.875 min Scan# 3022
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 212719
Ion Ratio Lower Upper
104 100
78 53.5 41.5 62.3
103 48.6 37.5 56.3

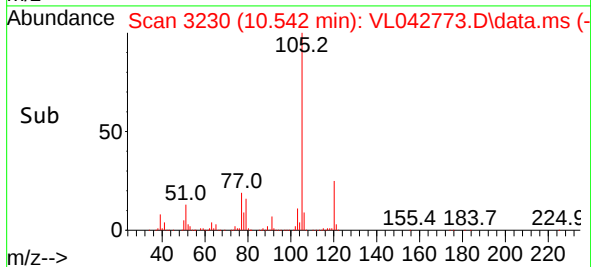
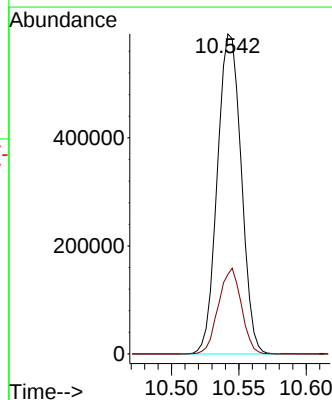
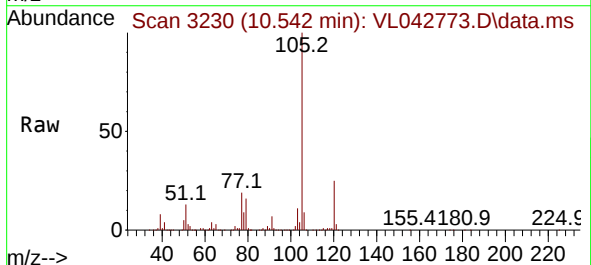
Manual Integrations
APPROVED

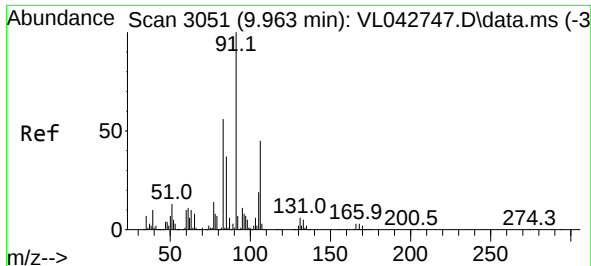
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#62
Isopropylbenzene
Concen: 10.793 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

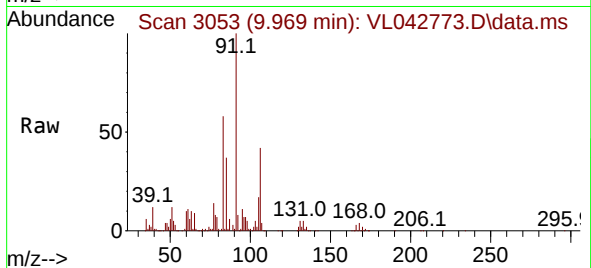
Tgt Ion:105 Resp: 730477
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 9.998 ppbv
RT: 9.969 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

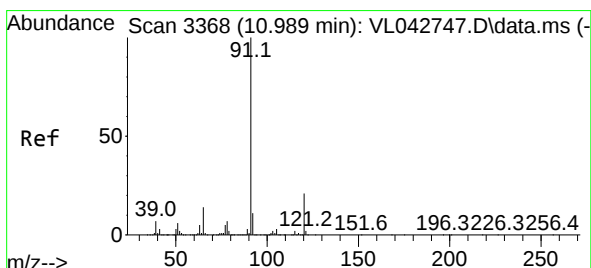
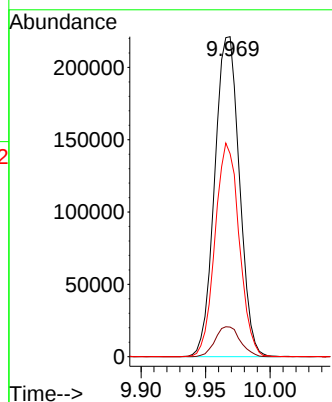
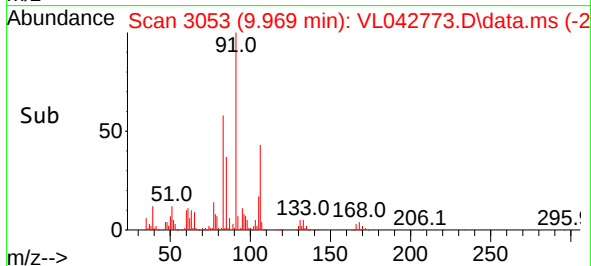
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



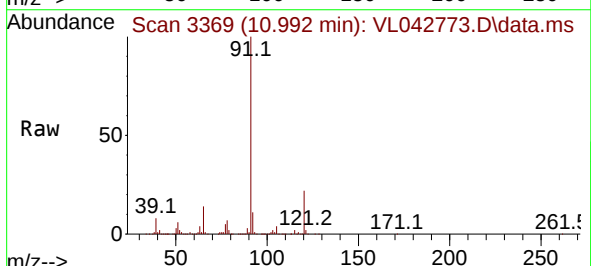
Tgt Ion: 83 Resp: 29452
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.1 32.6 97.7

Manual Integrations
APPROVED

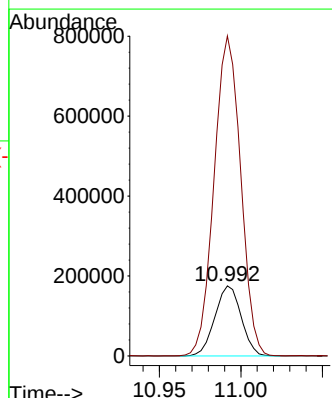
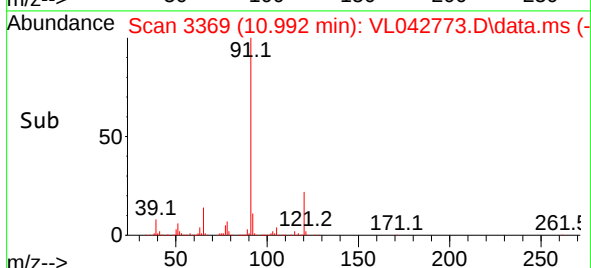
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

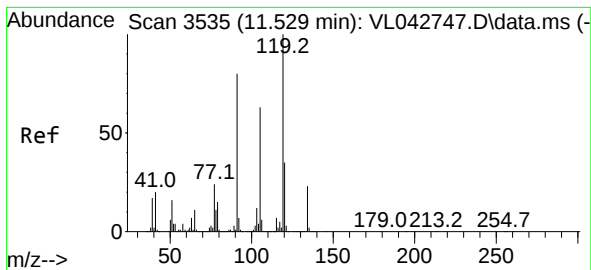


#64
n-propylbenzene
Concen: 11.132 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



Tgt Ion:120 Resp: 196430
Ion Ratio Lower Upper
120 100
91 461.9 372.7 559.1





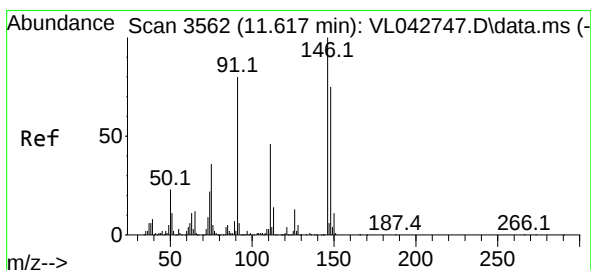
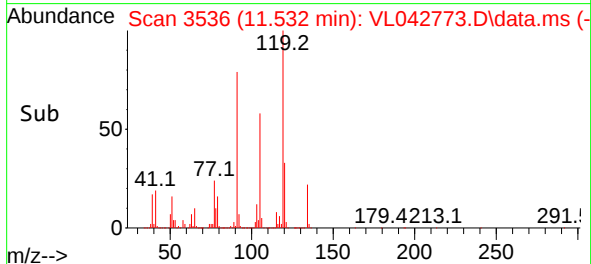
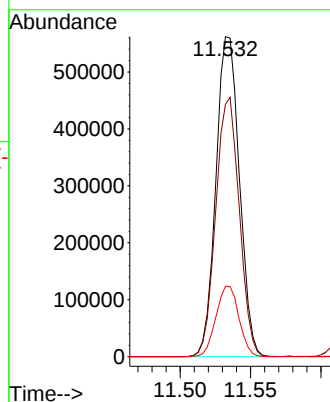
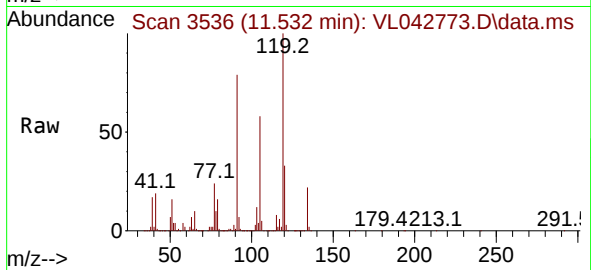
#65
tert-Butylbenzene
Concen: 10.868 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 65337
Ion Ratio Lower Upper
119 100
91 81.1 64.0 96.0
134 21.5 17.3 25.9

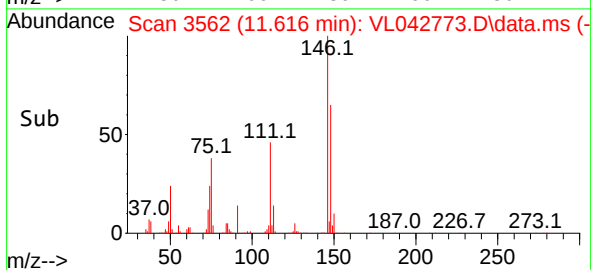
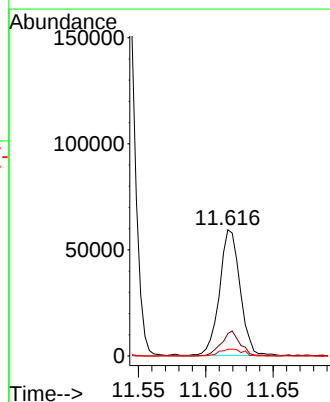
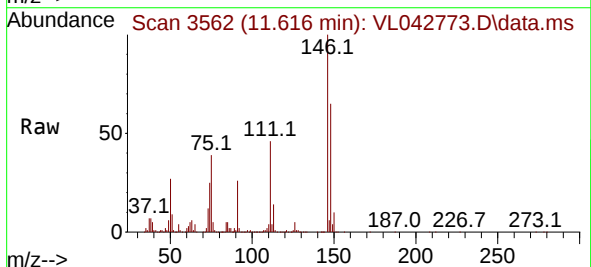
Manual Integrations
APPROVED

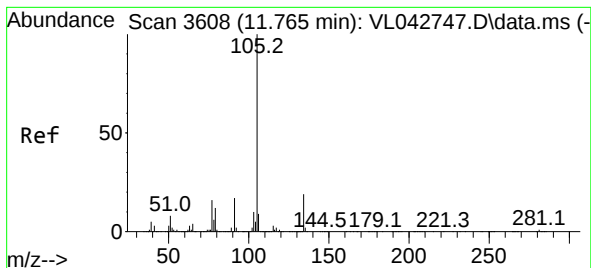
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#66
Benzyl Chloride
Concen: 12.771 ppbv
RT: 11.616 min Scan# 3562
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

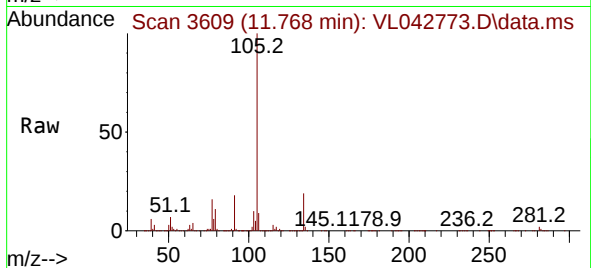
Tgt Ion: 91 Resp: 63028
Ion Ratio Lower Upper
91 100
126 18.5 14.4 21.6
128 6.2 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 10.727 ppbv
 RT: 11.768 min Scan# 3609
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

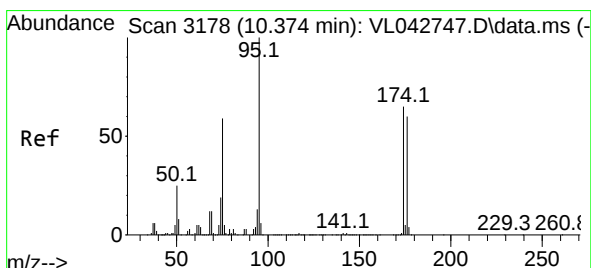
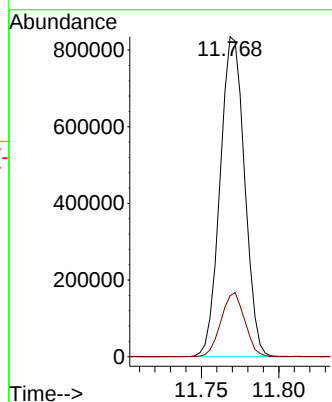
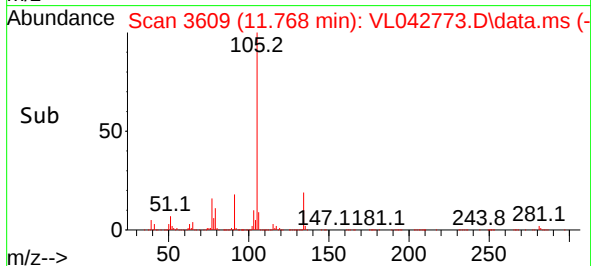
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010



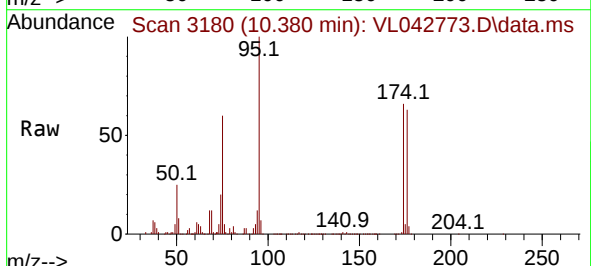
Tgt Ion:105 Resp: 91719
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.5 23.3

Manual Integrations
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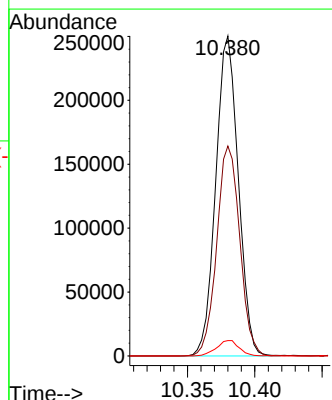
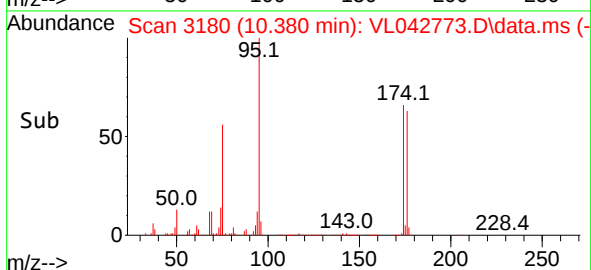
Reviewed By :Semsettin Yesilyurt 07/30/2025
 Supervised By :Mahesh Dadoda 07/30/2025

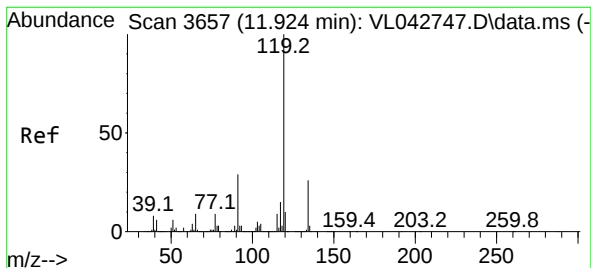


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.108 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.006 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28



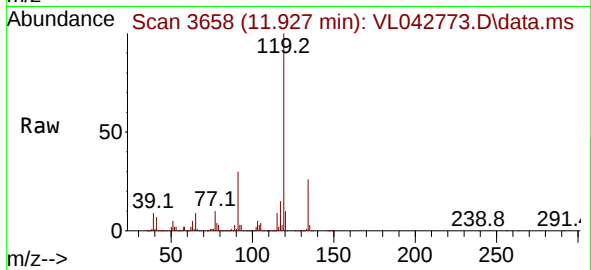
Tgt Ion: 95 Resp: 291247
 Ion Ratio Lower Upper
 95 100
 174 67.2 53.8 80.6
 175 4.9 4.0 6.0





#69
p-Isopropyltoluene
Concen: 11.249 ppbv
RT: 11.927 min Scan# 3658
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

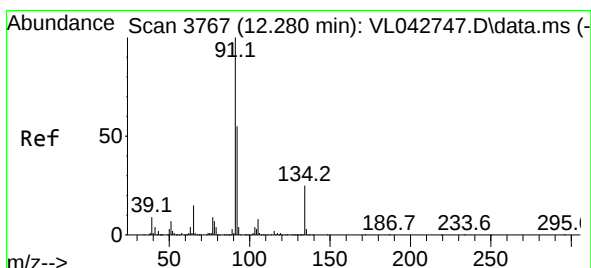
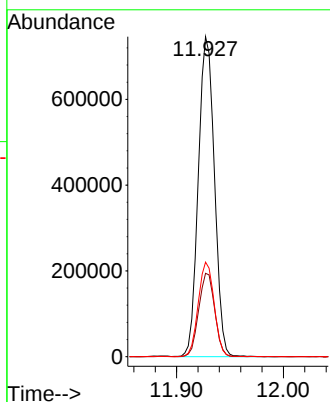
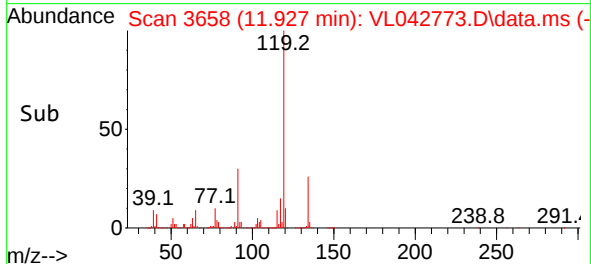
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



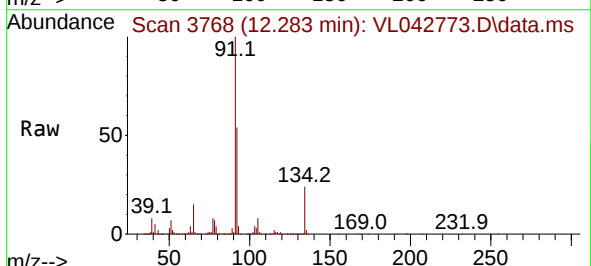
Tgt Ion:119 Resp: 784325
Ion Ratio Lower Upper
119 100
134 25.8 20.6 31.0
91 29.1 23.2 34.8

Manual Integrations
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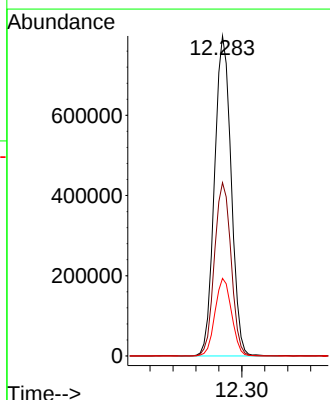
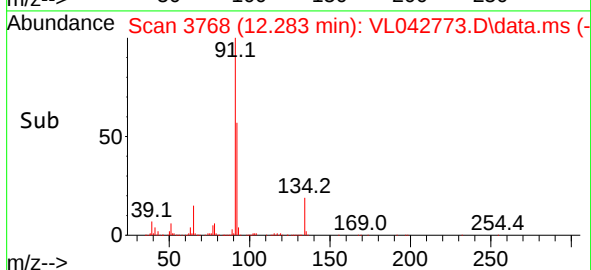
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

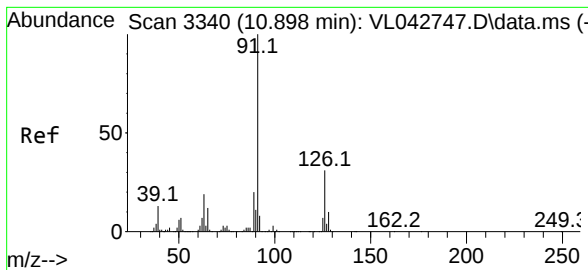


#70
n-Butylbenzene
Concen: 11.937 ppbv
RT: 12.283 min Scan# 3768
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



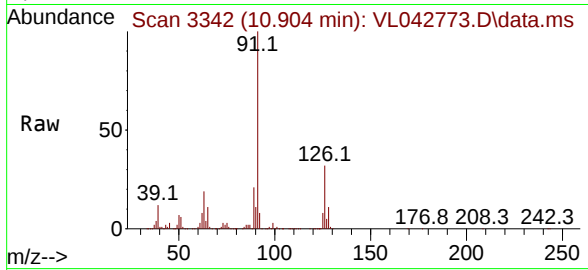
Tgt Ion: 91 Resp: 803938
Ion Ratio Lower Upper
91 100
92 54.2 43.4 65.2
134 24.1 19.6 29.4





#71
2-Chlorotoluene
Concen: 10.755 ppbv
RT: 10.904 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

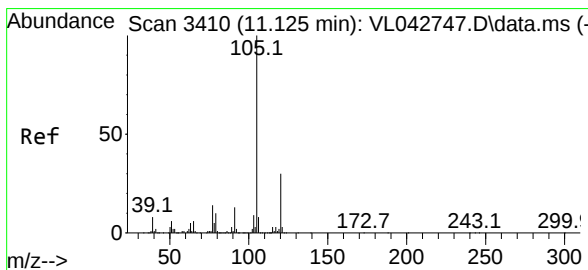
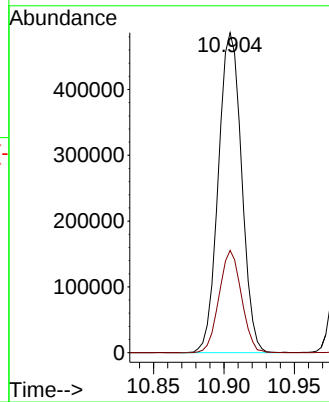
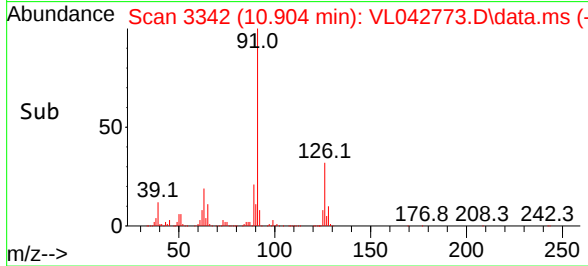
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



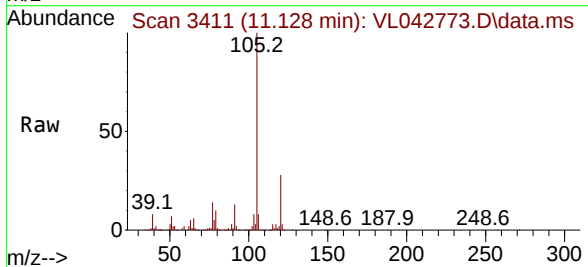
Tgt Ion: 91 Resp: 55817
Ion Ratio Lower Upper
91 100
126 30.7 12.0 48.2

Manual Integrations
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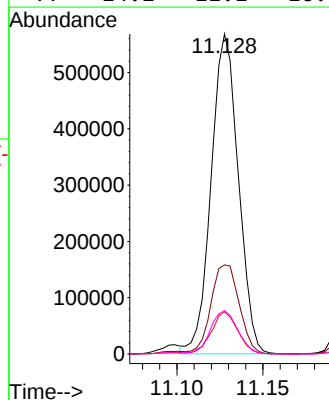
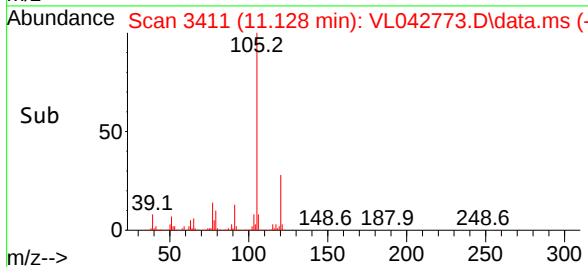
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

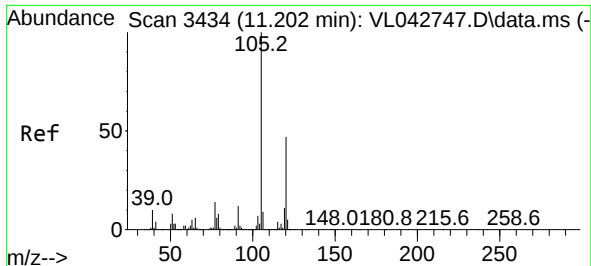


#72
4-Ethyltoluene
Concen: 11.407 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



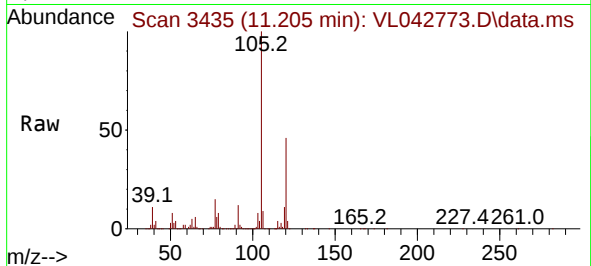
Tgt Ion:105 Resp: 625088
Ion Ratio Lower Upper
105 100
120 29.7 24.4 36.6
91 13.1 10.6 15.8
77 14.1 11.1 16.7





#73
1,3,5-Trimethylbenzene
Concen: 11.504 ppbv
RT: 11.205 min Scan# 3434
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

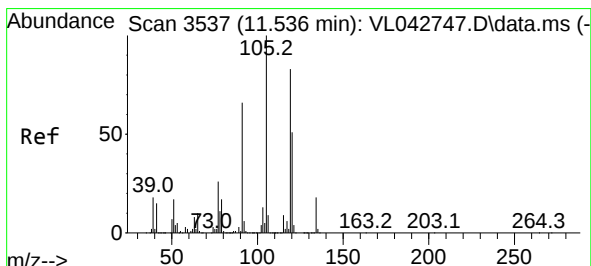
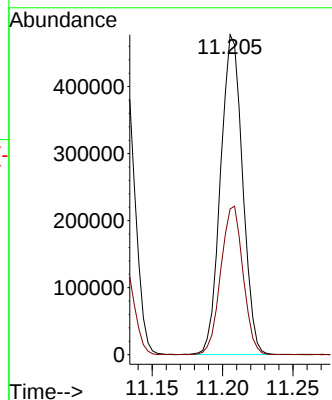
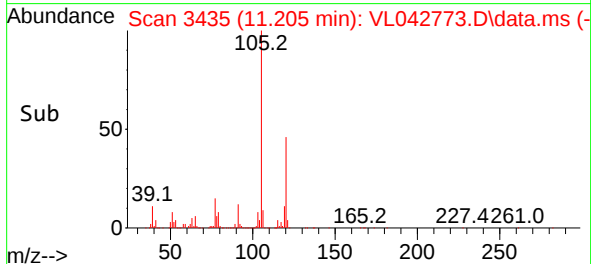
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



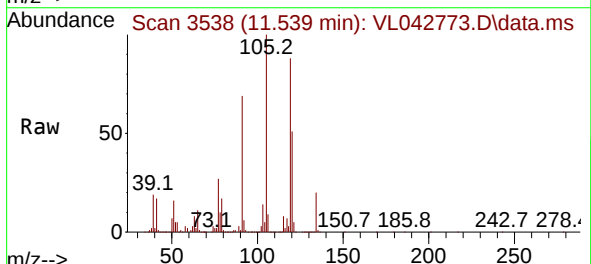
Tgt Ion:105 Resp: 519009
Ion Ratio Lower Upper
105 100
120 45.5 37.8 56.8

Manual Integrations
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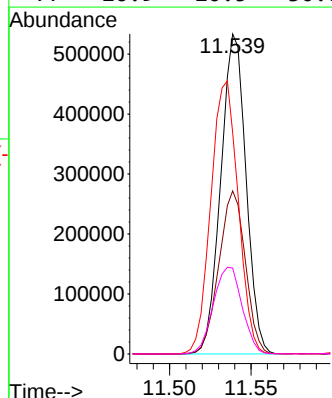
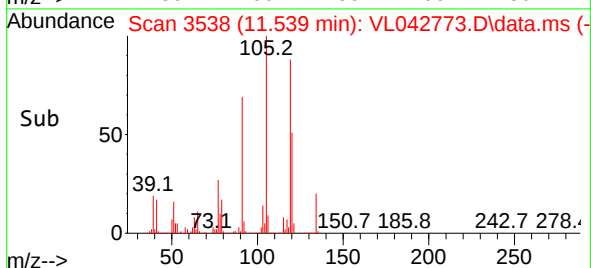
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

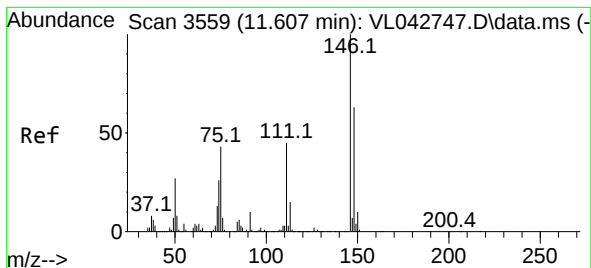


#74
1,2,4-Trimethylbenzene
Concen: 11.651 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



Tgt Ion:105 Resp: 573490
Ion Ratio Lower Upper
105 100
120 50.9 40.8 61.2
91 69.1 53.0 79.4
77 26.9 20.5 30.7





#75

1,3-Dichlorobenzene

Concen: 10.761 ppbv

RT: 11.610 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 371330

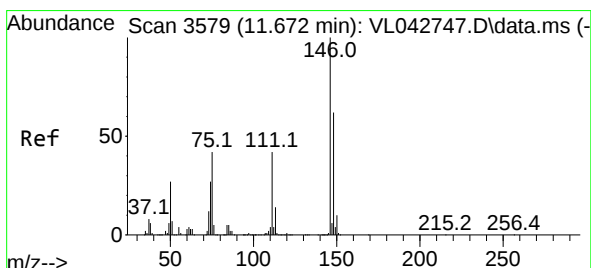
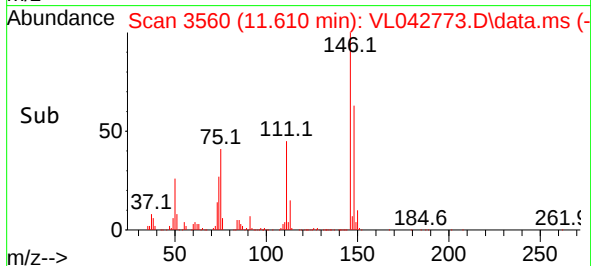
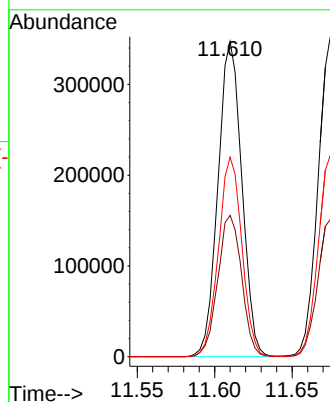
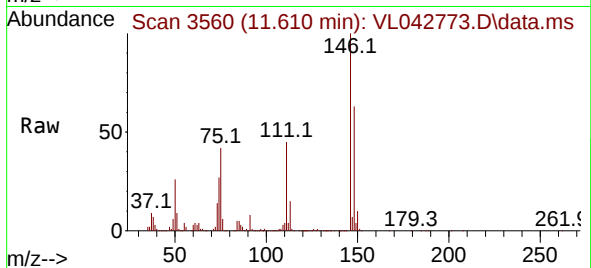
Ion	Ratio	Lower	Upper
146	100		
111	44.9	22.7	68.0
148	62.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/30/2025

Supervised By :Mahesh Dadoda 07/30/2025



#76

1,4-Dichlorobenzene

Concen: 10.874 ppbv

RT: 11.675 min Scan# 3580

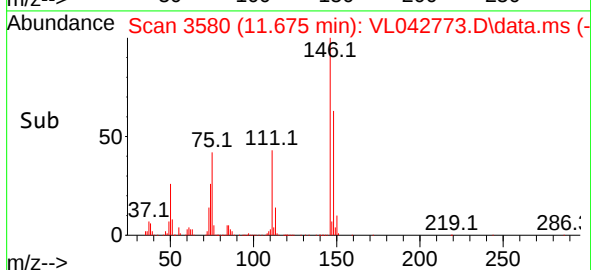
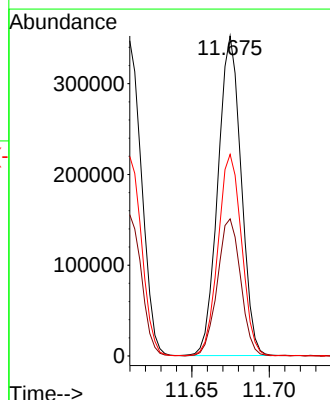
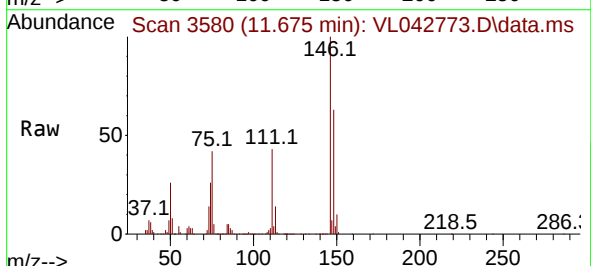
Delta R.T. 0.003 min

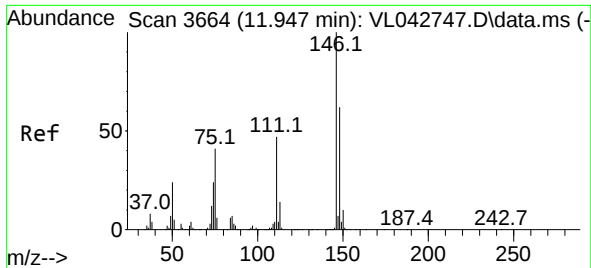
Lab File: VL042773.D

Acq: 29 Jul 2025 08:28

Tgt Ion:146 Resp: 367182

Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.2
148	64.3	32.1	96.3





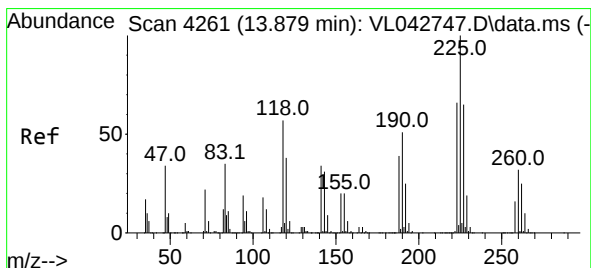
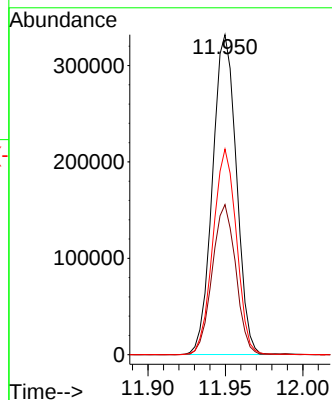
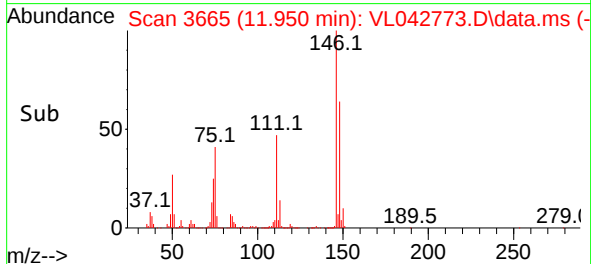
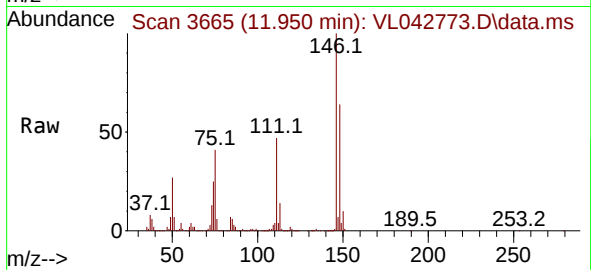
#77
1,2-Dichlorobenzene
Concen: 10.473 ppbv
RT: 11.950 min Scan# 3665
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 355188
Ion Ratio Lower Upper
146 100
111 46.4 23.7 71.1
148 63.4 32.6 97.7

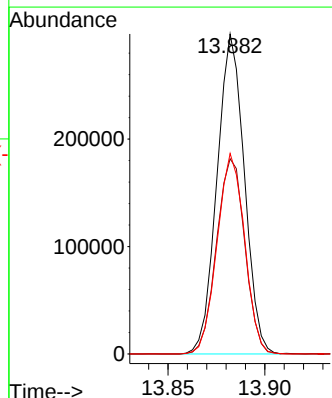
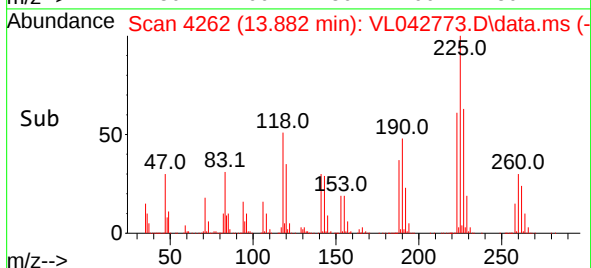
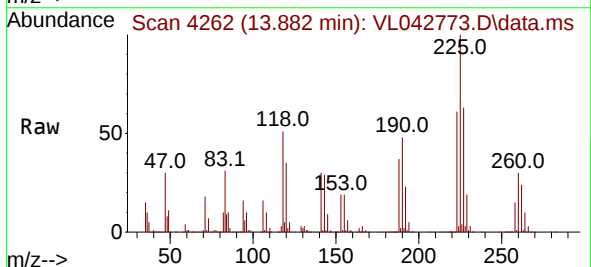
Manual Integrations
APPROVED

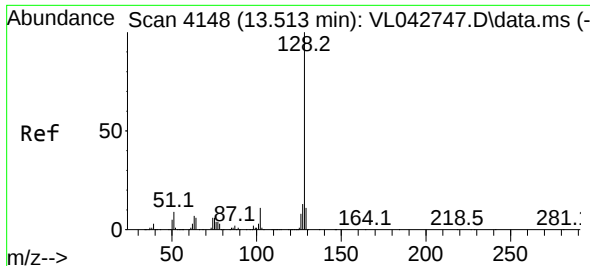
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025



#78
Hexachloro-1,3-Butadiene
Concen: 9.540 ppbv
RT: 13.882 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

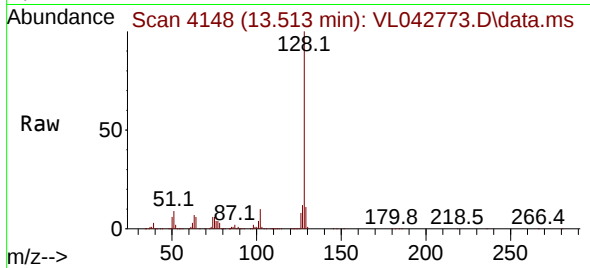
Tgt Ion:225 Resp: 292858
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 62.9 50.5 75.7





#79
Naphthalene
Concen: 10.659 ppbv
RT: 13.513 min Scan# 4148
Delta R.T. -0.000 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28

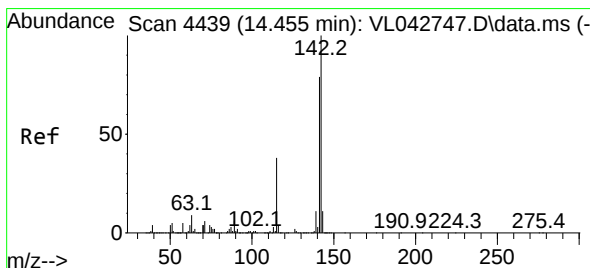
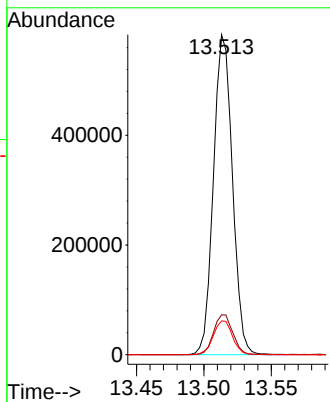
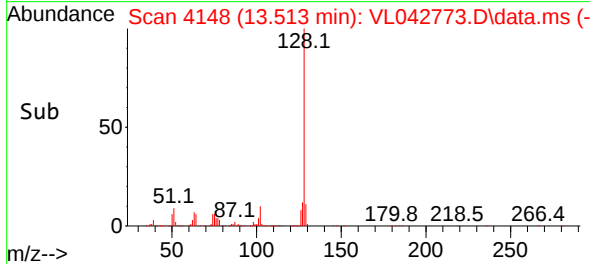
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



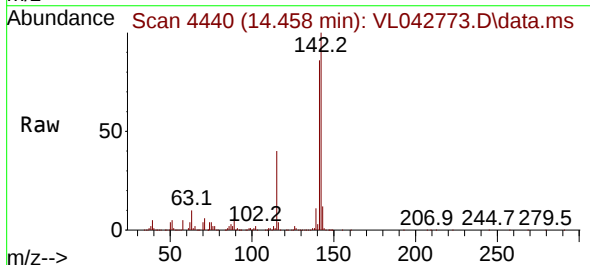
Tgt Ion:128 Resp: 57090
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.5 8.6 13.0

Manual Integrations
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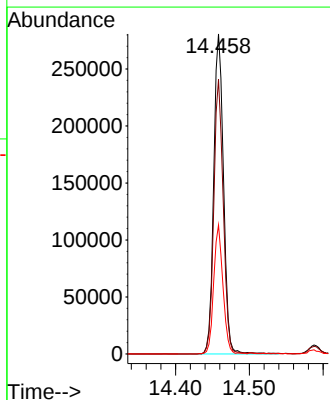
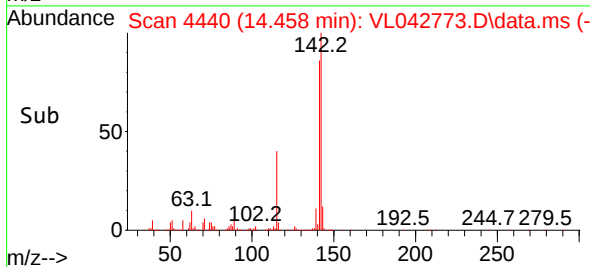
Reviewed By :Semsettin Yesilyurt 07/30/2025
Supervised By :Mahesh Dadoda 07/30/2025

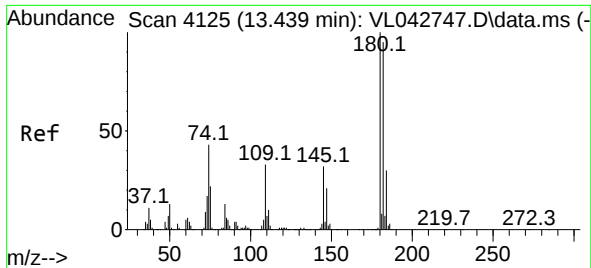


#80
Naphthalene,2-methyl-
Concen: 9.687 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.003 min
Lab File: VL042773.D
Acq: 29 Jul 2025 08:28



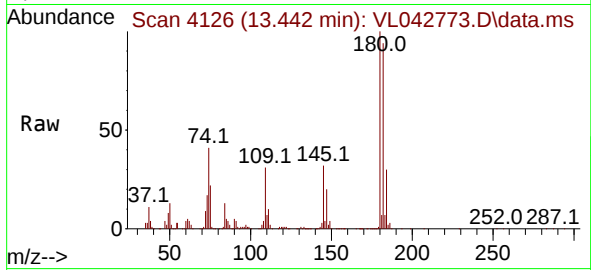
Tgt Ion:142 Resp: 257656
Ion Ratio Lower Upper
142 100
141 83.2 65.8 98.8
115 38.1 31.2 46.8





#81
 1,2,4-Trichlorobenzene
 Concen: 10.749 ppbv
 RT: 13.442 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042773.D
 Acq: 29 Jul 2025 08:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 323672
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.2 114.2
 184 30.2 24.8 37.2

Manual Integrations
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 Supervised By :Mahesh Dadoda 07/30/2025

