

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042622.D
 Acq On : 16 Jun 2025 08:54
 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 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 03:02:28 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

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

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	107738	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	288897	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	262507	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.377 95 204239 10.379 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	134876	10.186	ppbv	99
3) Chlorodifluoromethane	1.476	51	175470	9.622	ppbv	99
4) Chloromethane	1.531	50	50995	9.725	ppbv	99
5) Vinyl Chloride	1.580	62	47957	8.978	ppbv	99
6) Bromomethane	1.667	94	23512	9.044	ppbv	96
7) Chloroethane	1.703	64	19501	9.396	ppbv	90
8) Dichlorotetrafluoroethane	1.554	85	110938	10.055	ppbv	99
9) Propene	1.483	41	68245	9.292	ppbv	98
10) Heptane	4.975	43	194603	9.400	ppbv	99
11) Trichlorofluoromethane	1.877	101	138650	11.254	ppbv	98
12) 1,1,2-Trichlorotrifluoro...	2.140	101	107550	11.117	ppbv	97
13) Ethanol	1.719	45	5413	6.185	ppbv	89
14) Bromoethene	1.780	108	38645	10.620	ppbv	97
15) Acetone	1.835	43	116520	8.979	ppbv	97
16) 1,3-Butadiene	1.609	39	57252	9.313	ppbv	96
17) tert-Butyl alcohol	2.039	59	139063	10.286	ppbv	100
18) 1,1-Dichloroethene	2.033	96	47387	10.568	ppbv	96
19) Isopropyl Alcohol	1.884	45	73508	9.475	ppbv	97
20) Methylene Chloride	2.062	84	39938	9.326	ppbv	95
21) Allyl Chloride	2.094	41	91238	9.964	ppbv	96
22) trans-1,2-Dichloroethene	2.340	96	52863	10.554	ppbv	99
23) Vinyl Acetate	2.460	43	215190	12.267	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	107798	10.460	ppbv	99
25) Ethyl Acetate	2.832	43	347073	9.773	ppbv	99
26) Hexane	2.823	57	150675	9.337	ppbv	97
27) Carbon Disulfide	2.149	76	135326	10.923	ppbv #	91
28) Methyl tert-Butyl Ether	2.437	73	67524	10.311	ppbv	97
29) Chloroform	2.848	83	215284	10.259	ppbv	99
30) Cyclohexane	3.855	84	122368	9.147	ppbv	97
31) cis-1,2-Dichloroethene	2.719	61	146273	9.909	ppbv	97
32) 1,1,1-Trichloroethane	3.366	97	210503	9.818	ppbv	98
34) 2-Butanone	2.554	43	228811	11.106	ppbv	100
35) Carbon Tetrachloride	3.761	117	212075	11.120	ppbv	100
36) Benzene	3.654	78	301626	10.602	ppbv	99
37) 1,2-Dichloroethane	3.217	62	164738	11.651	ppbv	98
38) Trichloroethene	4.544	130	121690	10.063	ppbv	94
39) 1,2-Dichloropropane	4.311	63	109074	10.368	ppbv	97
40) 1,4-Dioxane	4.577	88	48153	10.229	ppbv #	98
41) Tetrahydrofuran	3.052	42	125788	10.430	ppbv	99
42) Bromodichloromethane	4.486	83	236809	11.792	ppbv	98
43) Methyl Methacrylate	4.875	69	115983	10.504	ppbv	98
44) 2,2,4-Trimethylpentane	4.638	57	508749	10.455	ppbv	98
45) t-1,3-Dichloropropene	6.412	75	133838	10.592	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061625\
 Data File : VL042622.D
 Acq On : 16 Jun 2025 08:54
 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 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

Quant Time: Jun 17 03:02:28 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052925AIR.M

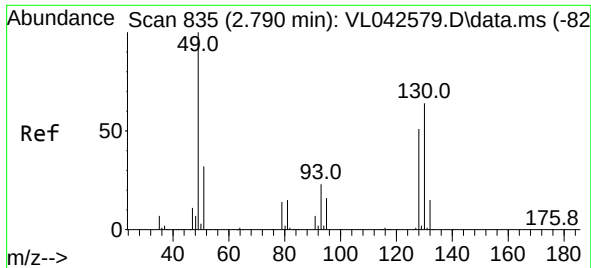
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 30 02:01:56 2025

Response via : Initial Calibration

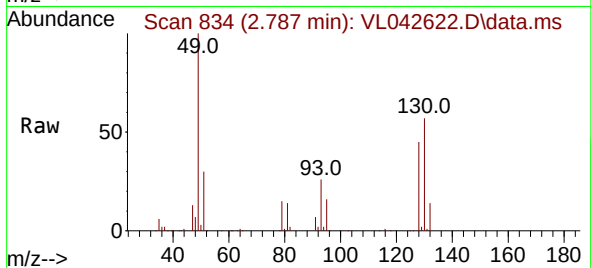
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	168729	10.657	ppbv	94
47) 1,1,2-Trichloroethane	6.577	97	117073	10.750	ppbv	93
48) Dibromochloromethane	7.383	129	189133	10.848	ppbv	99
49) Bromoform	9.484	173	162032	10.771	ppbv	99
50) 4-Methyl-2-Pentanone	5.745	43	305302	10.684	ppbv	100
51) 2-Hexanone	7.432	43	244283	10.778	ppbv #	97
52) Tetrachloroethene	8.221	164	103159	9.704	ppbv	98
53) Toluene	6.930	91	337532	10.265	ppbv	99
54) 1,2-Dibromoethane	7.652	107	173642	10.772	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.924	131	140969	10.680	ppbv	96
57) Chlorobenzene	8.920	112	257844	10.116	ppbv	95
58) Ethyl Benzene	9.354	91	465413	10.452	ppbv	96
59) m/p-Xylene	9.548	91	749603m	21.392	ppbv	
60) o-Xylene	9.963	91	368739	10.551	ppbv	98
61) Styrene	9.872	104	167379	10.130	ppbv	99
62) Isopropylbenzene	10.539	105	537202	10.405	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	234954	10.572	ppbv	99
64) n-propylbenzene	10.989	120	141307	10.210	ppbv	94
65) tert-Butylbenzene	11.532	119	469685	10.024	ppbv	96
66) Benzyl Chloride	11.617	91	58077	9.630	ppbv	98
67) sec-Butylbenzene	11.769	105	670092	10.172	ppbv	98
69) p-Isopropyltoluene	11.924	119	553909	10.041	ppbv	99
70) n-Butylbenzene	12.280	91	570539	10.478	ppbv	98
71) 2-Chlorotoluene	10.901	91	410506	10.423	ppbv	98
72) 4-Ethyltoluene	11.125	105	453022	10.397	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	375736	10.419	ppbv	98
74) 1,2,4-Trimethylbenzene	11.536	105	410308	10.253	ppbv #	90
75) 1,3-Dichlorobenzene	11.607	146	255878	10.182	ppbv	100
76) 1,4-Dichlorobenzene	11.672	146	256373	10.228	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	239527	9.820	ppbv	99
78) Hexachloro-1,3-Butadiene	13.882	225	181205	8.979	ppbv	99
79) Naphthalene	13.513	128	404699	10.728	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	199431	11.702	ppbv	99
81) 1,2,4-Trichlorobenzene	13.439	180	209155	9.932	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 835
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

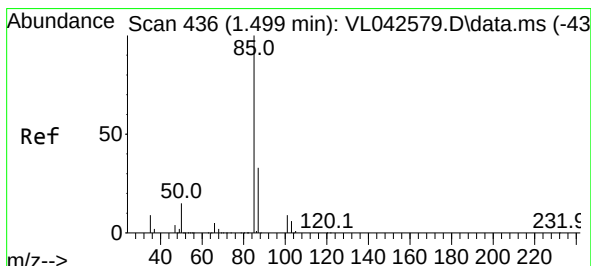
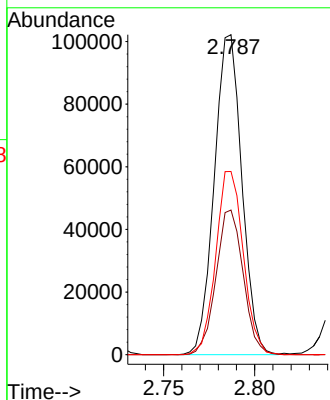
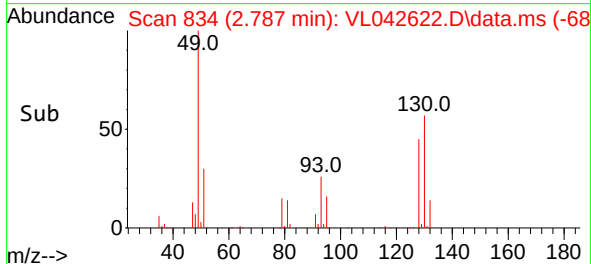
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



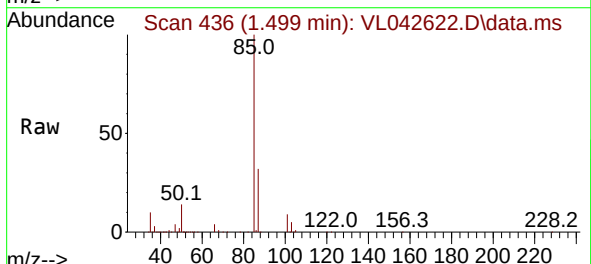
Tgt Ion: 49 Resp: 107738
Ion Ratio Lower Upper
49 100
128 44.5 24.2 72.6
130 57.1 30.4 91.2

Manual Integrations
APPROVED

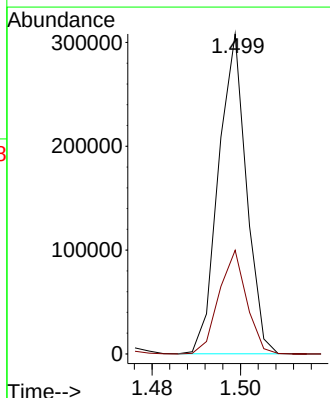
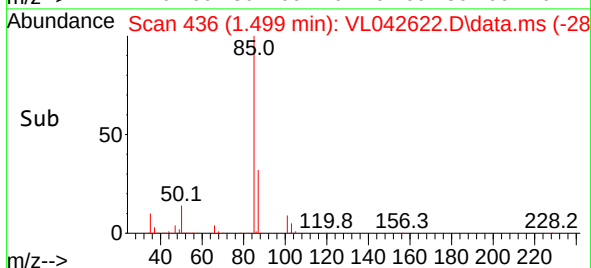
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

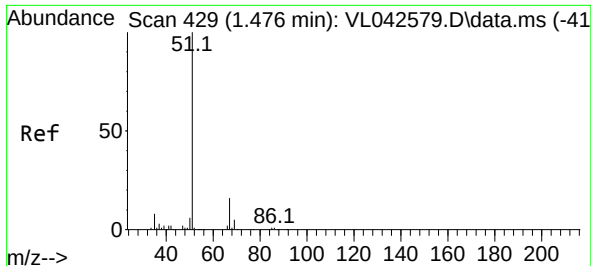


#2
Dichlorodifluoromethane
Concen: 10.186 ppbv
RT: 1.499 min Scan# 436
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



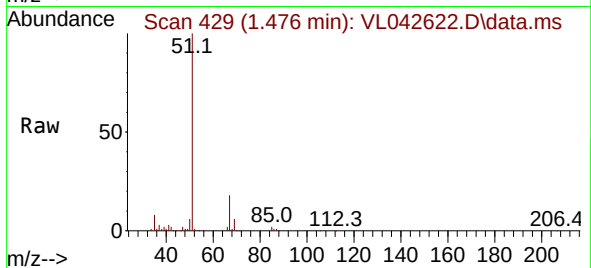
Tgt Ion: 85 Resp: 134876
Ion Ratio Lower Upper
85 100
87 32.4 26.6 39.8





#3
Chlorodifluoromethane
Concen: 9.622 ppbv
RT: 1.476 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

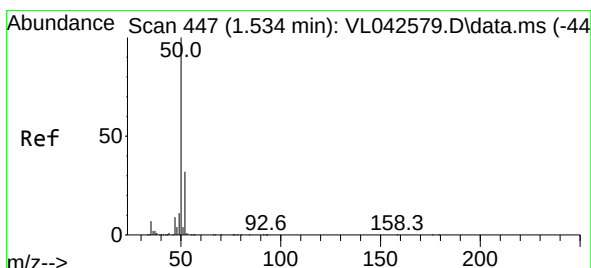
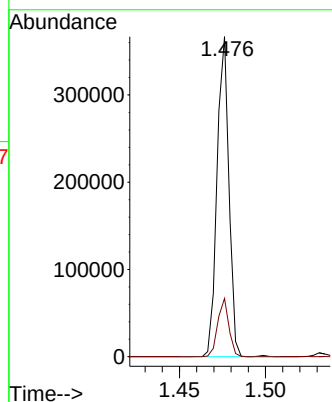
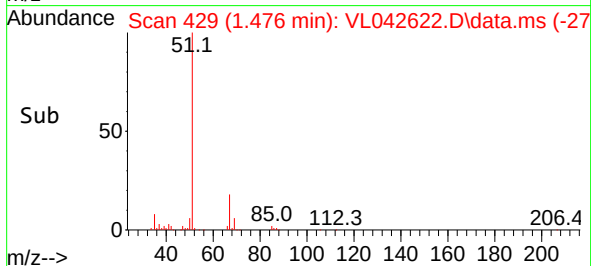
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



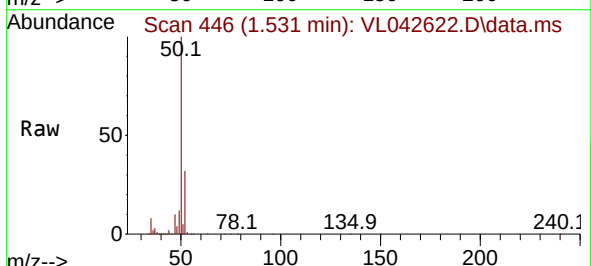
Tgt Ion: 51 Resp: 175470
Ion Ratio Lower Upper
51 100
67 17.1 13.4 20.2

Manual Integrations
APPROVED

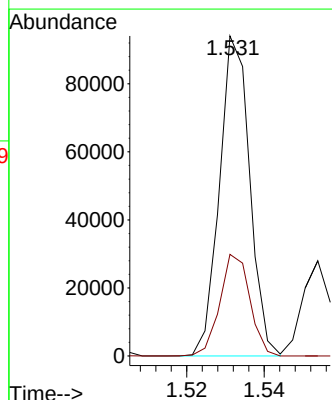
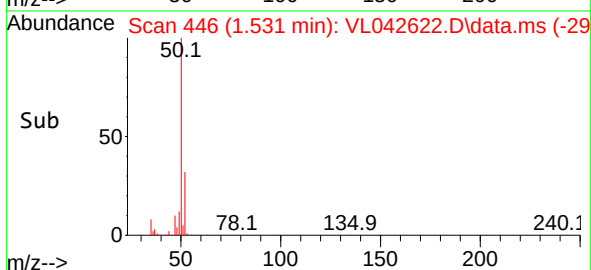
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

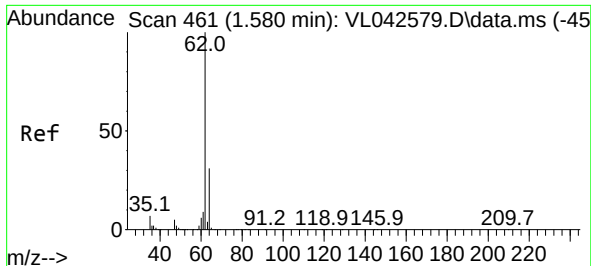


#4
Chloromethane
Concen: 9.725 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



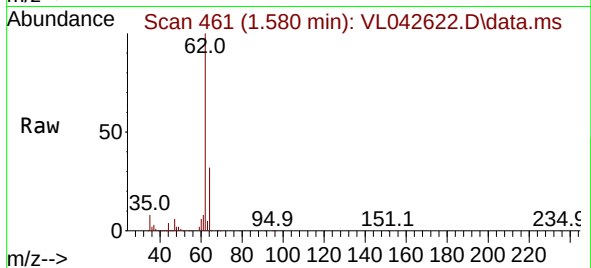
Tgt Ion: 50 Resp: 50995
Ion Ratio Lower Upper
50 100
52 31.7 25.8 38.6





#5
 Vinyl Chloride
 Concen: 8.978 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

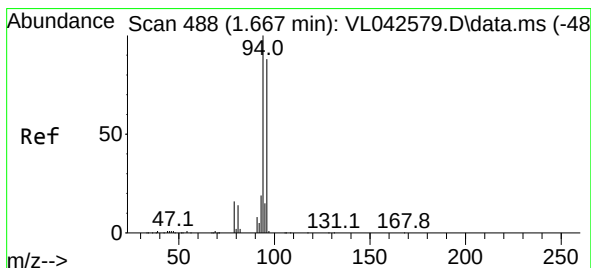
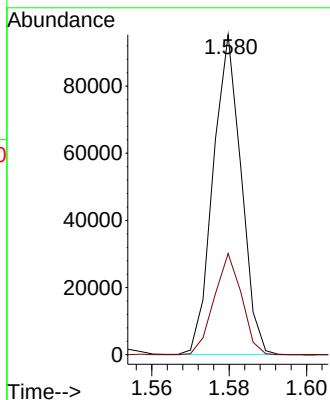
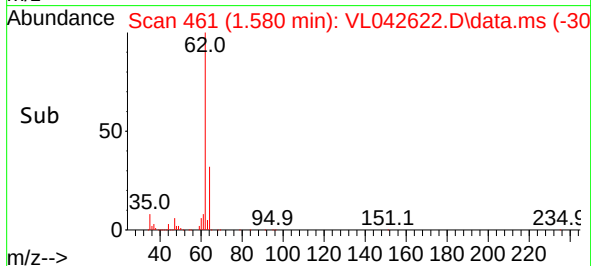
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



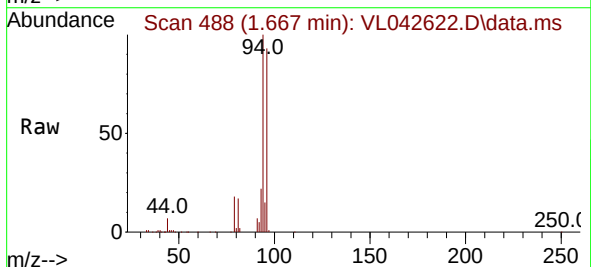
Tgt Ion: 62 Resp: 4795
 Ion Ratio Lower Upper
 62 100
 64 31.6 24.9 37.3

Manual Integrations
 APPROVED

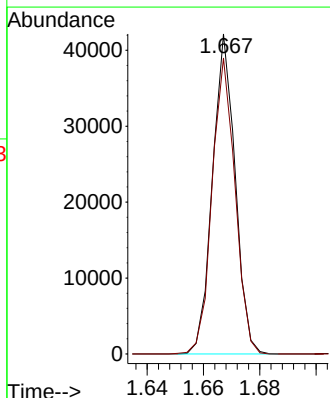
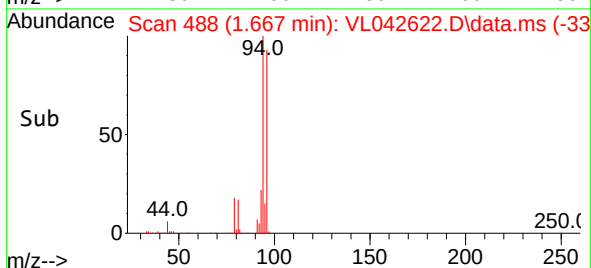
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

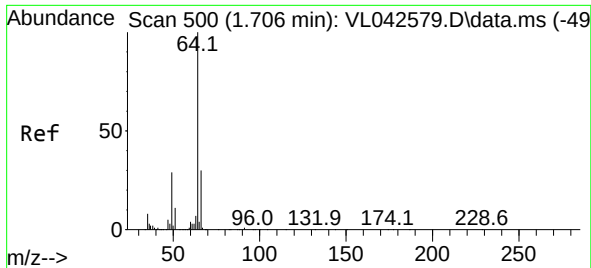


#6
 Bromomethane
 Concen: 9.044 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54



Tgt Ion: 94 Resp: 23512
 Ion Ratio Lower Upper
 94 100
 96 92.5 70.7 106.1





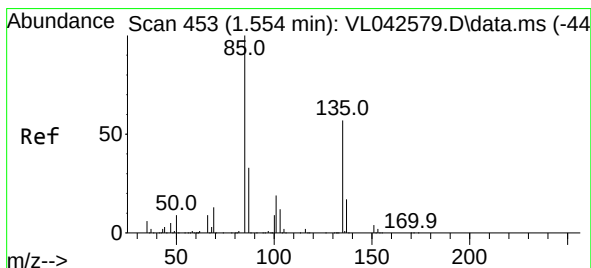
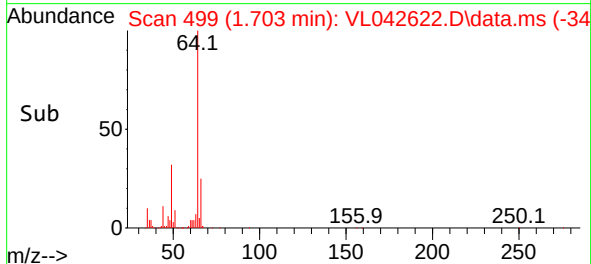
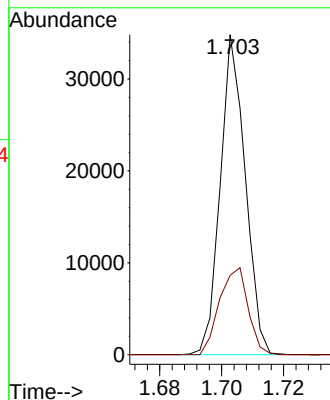
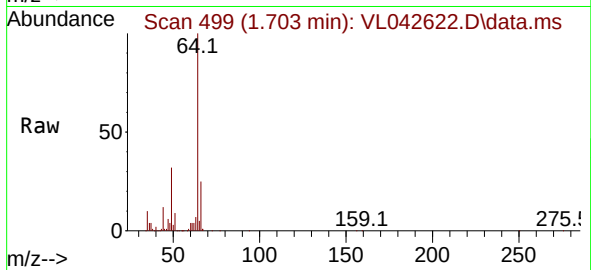
#7
Chloroethane
Concen: 9.396 ppbv
RT: 1.703 min Scan# 499
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 1950
Ion Ratio Lower Upper
64 100
66 24.8 24.3 36.5

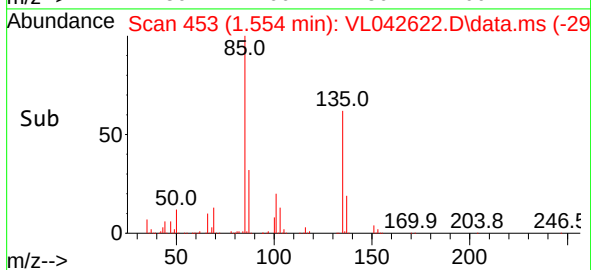
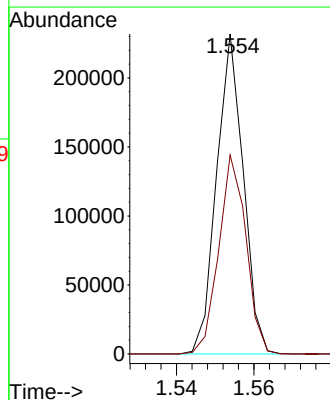
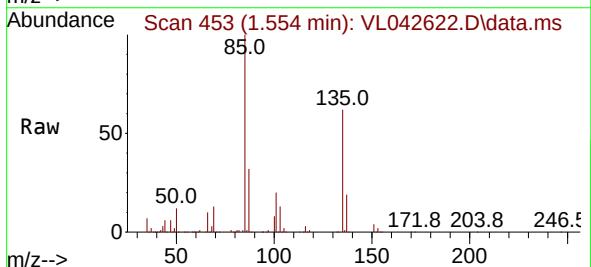
Manual Integrations
APPROVED

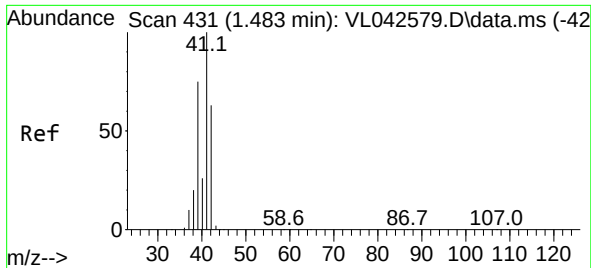
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#8
Dichlorotetrafluoroethane
Concen: 10.055 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 85 Resp: 110938
Ion Ratio Lower Upper
85 100
135 63.5 50.2 75.4





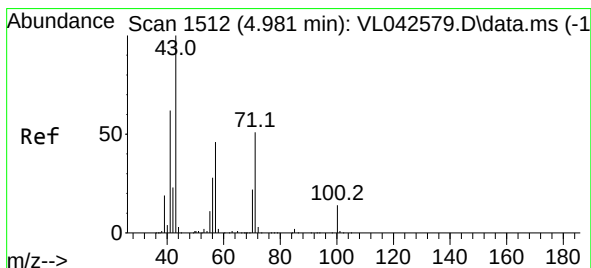
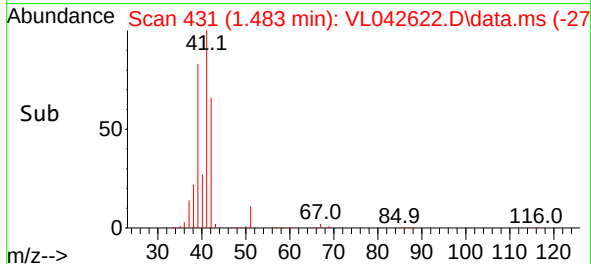
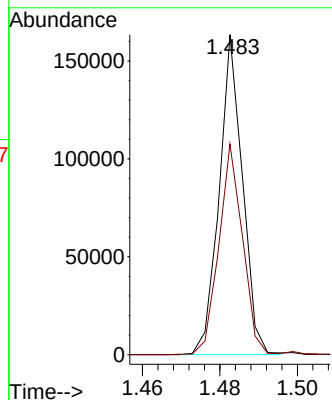
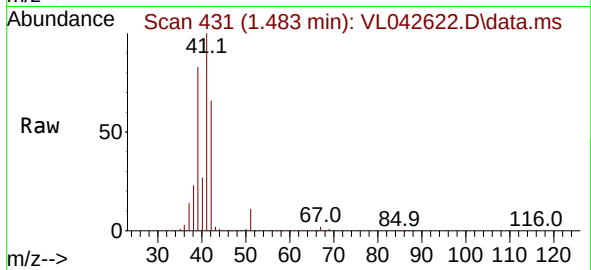
#9
 Propene
 Concen: 9.292 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 68245
 Ion Ratio Lower Upper
 41 100
 42 68.0 53.3 79.9

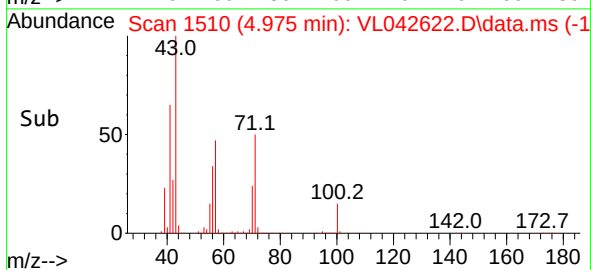
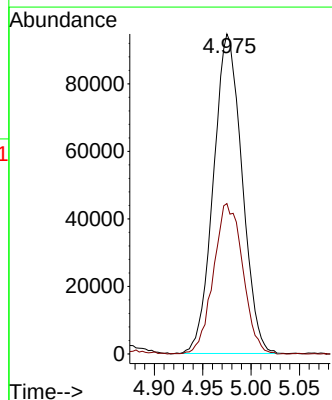
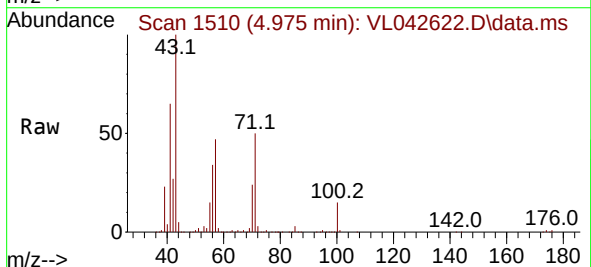
Manual Integrations
 APPROVED

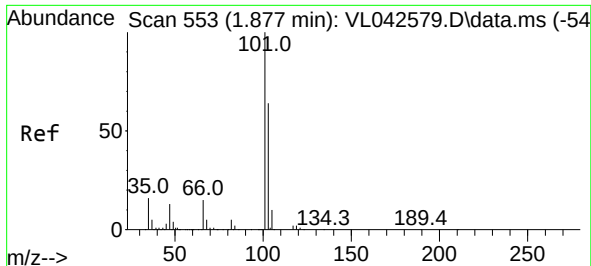
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025



#10
 Heptane
 Concen: 9.400 ppbv
 RT: 4.975 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 43 Resp: 194603
 Ion Ratio Lower Upper
 43 100
 57 48.3 38.9 58.3





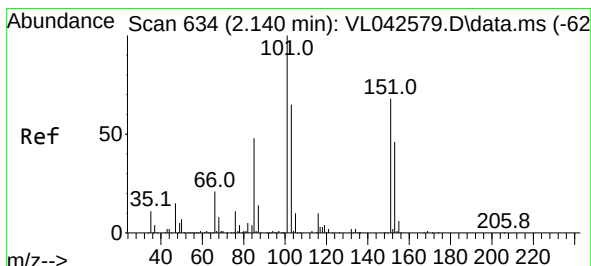
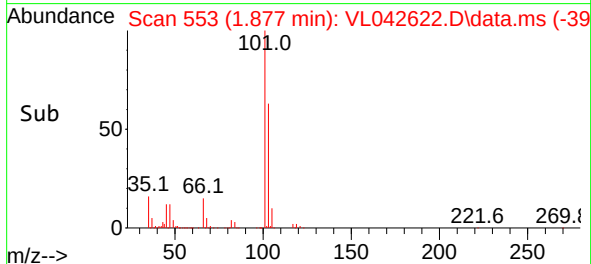
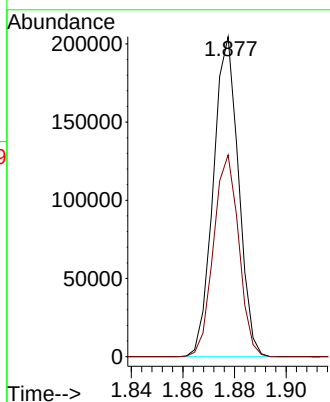
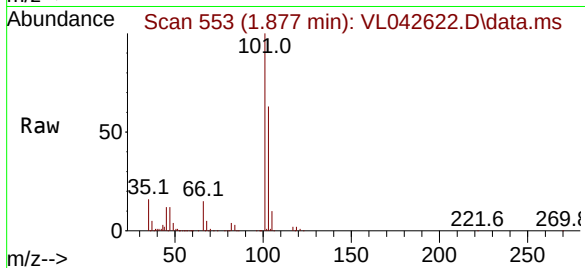
#11
Trichlorofluoromethane
Concen: 11.254 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 138650
Ion Ratio Lower Upper
101 100
103 63.1 51.5 77.3

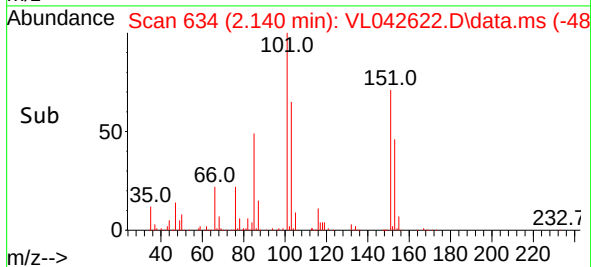
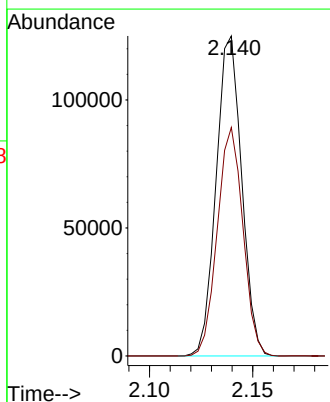
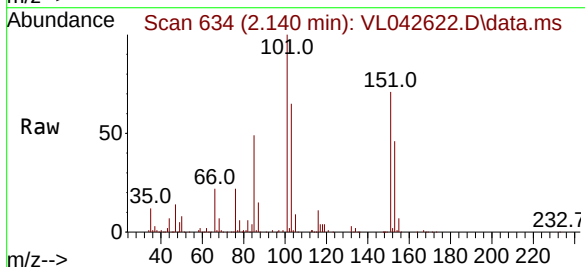
Manual Integrations
APPROVED

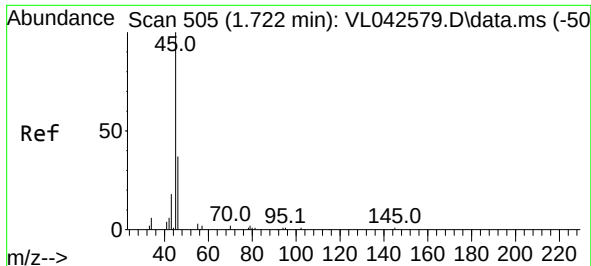
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.117 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:101 Resp: 107550
Ion Ratio Lower Upper
101 100
151 71.6 55.3 82.9





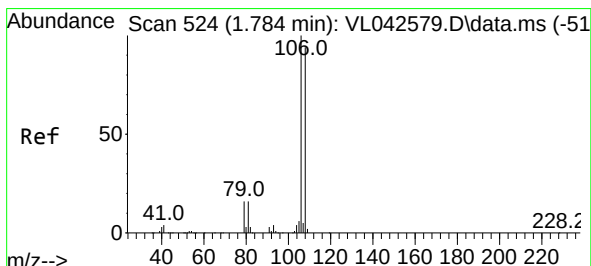
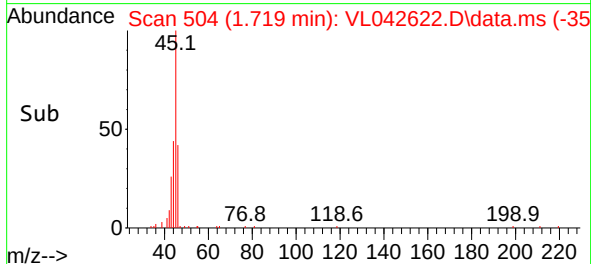
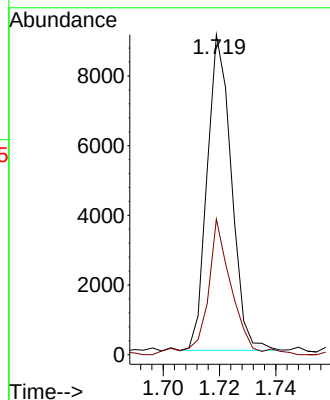
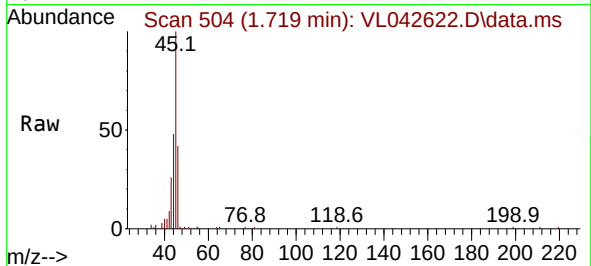
#13
Ethanol
Concen: 6.185 ppbv
RT: 1.719 min Scan# 505
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 541
Ion Ratio Lower Upper
45 100
46 43.0 14.5 58.1

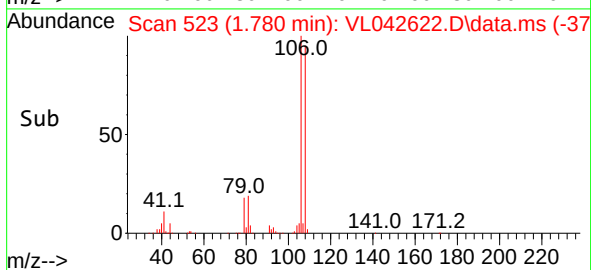
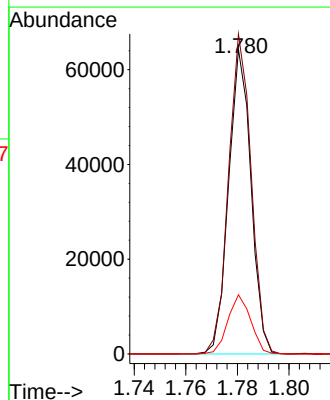
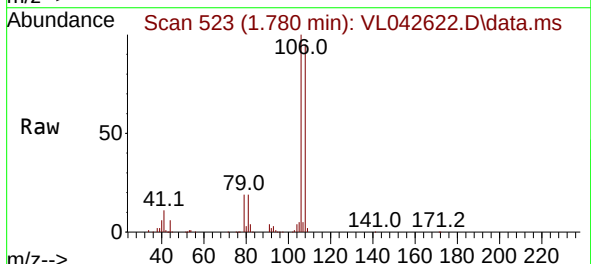
Manual Integrations
APPROVED

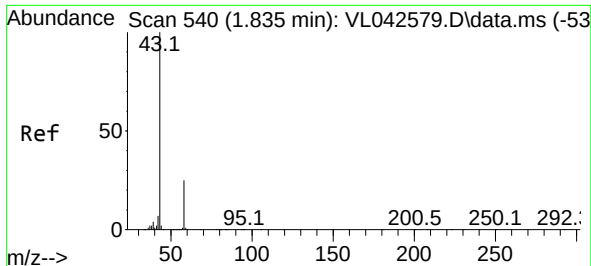
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#14
Bromoethene
Concen: 10.620 ppbv
RT: 1.780 min Scan# 523
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

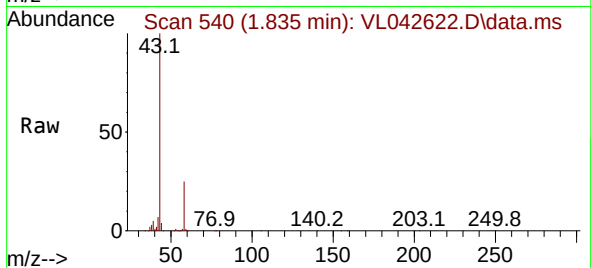
Tgt Ion:108 Resp: 38645
Ion Ratio Lower Upper
108 100
106 106.1 87.9 131.9
79 19.9 15.6 23.4





#15
Acetone
Concen: 8.979 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

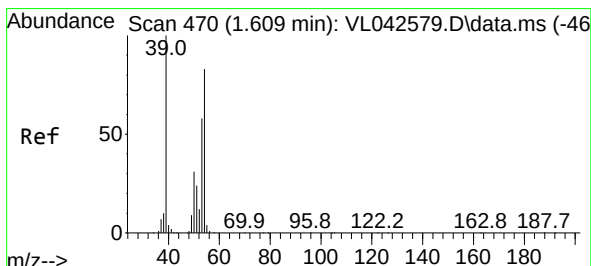
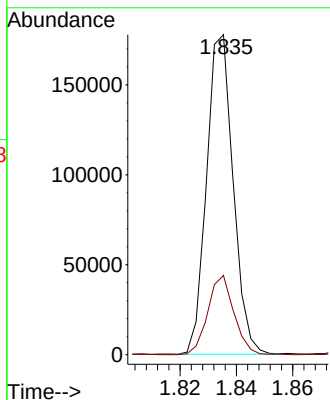
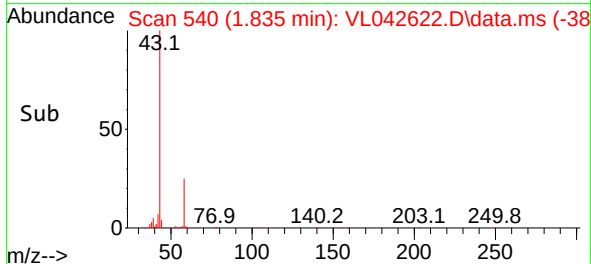
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



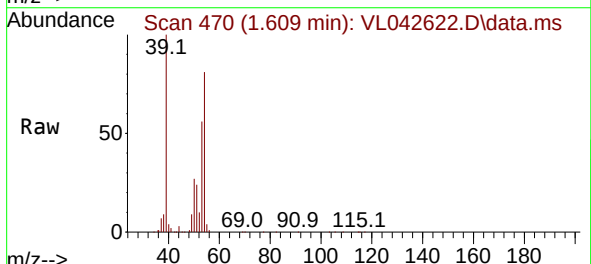
Tgt Ion: 43 Resp: 116520
Ion Ratio Lower Upper
43 100
58 24.5 21.0 31.4

Manual Integrations
APPROVED

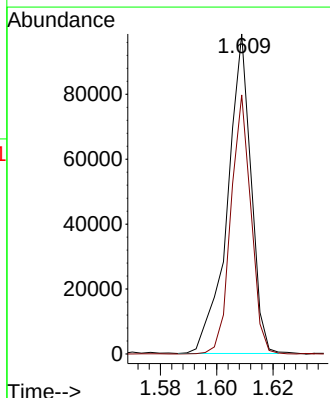
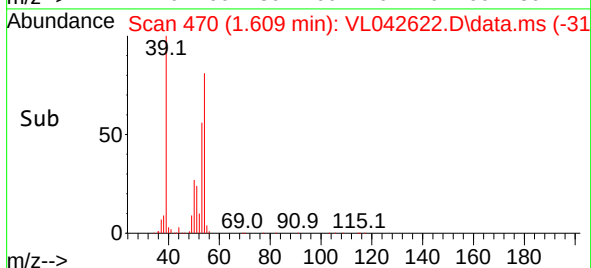
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

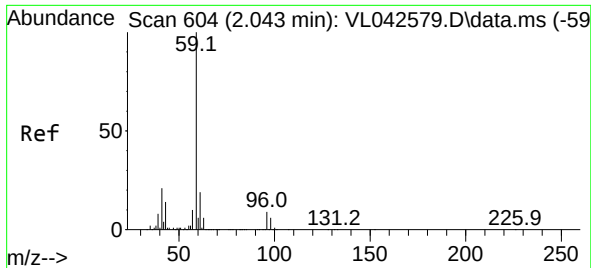


#16
1,3-Butadiene
Concen: 9.313 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



Tgt Ion: 39 Resp: 57252
Ion Ratio Lower Upper
39 100
54 69.0 57.9 86.9





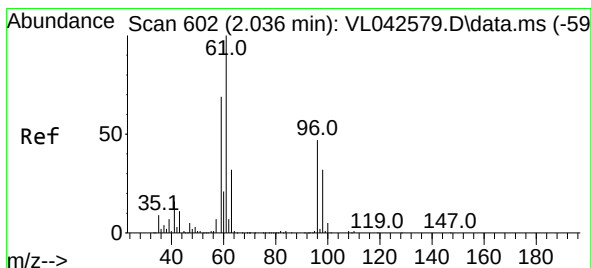
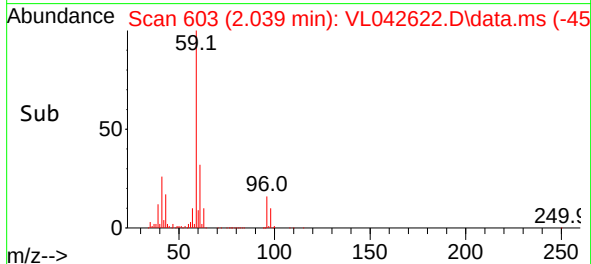
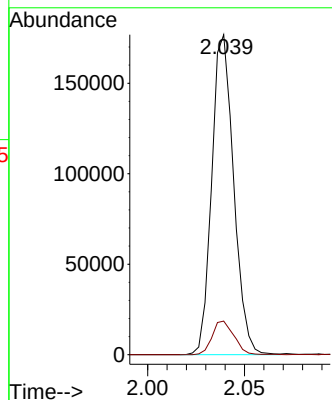
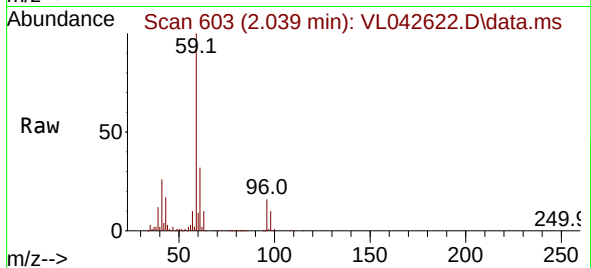
#17
tert-Butyl alcohol
Concen: 10.286 ppbv
RT: 2.039 min Scan# 604
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 139063
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

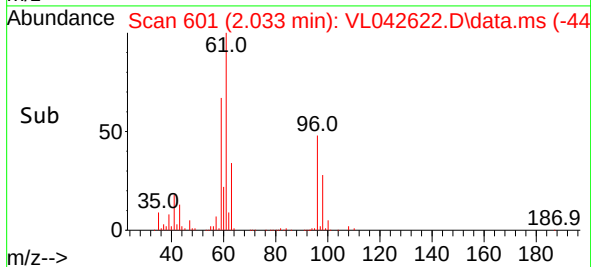
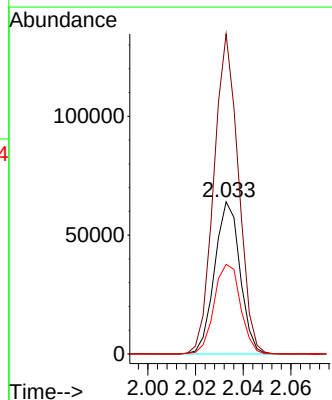
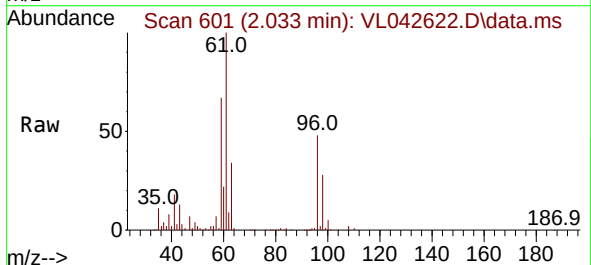
Manual Integrations
APPROVED

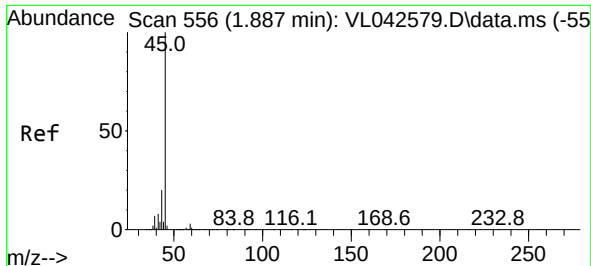
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#18
1,1-Dichloroethene
Concen: 10.568 ppbv
RT: 2.033 min Scan# 601
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 96 Resp: 47387
Ion Ratio Lower Upper
96 100
61 210.4 171.1 256.7
98 59.0 54.4 81.6





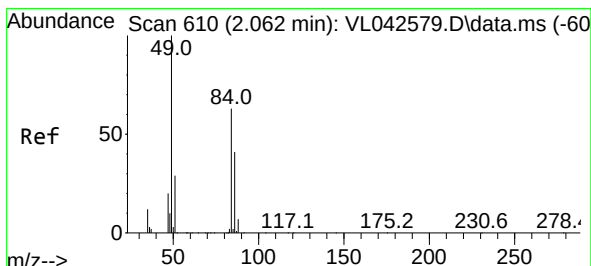
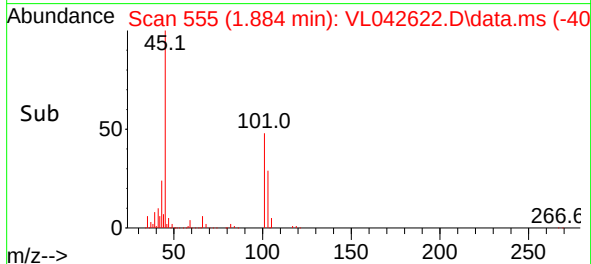
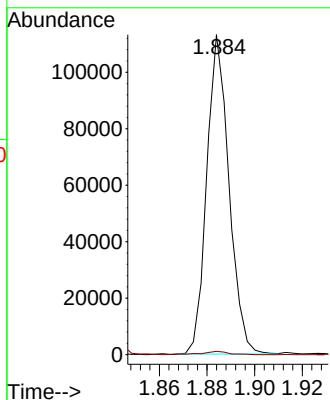
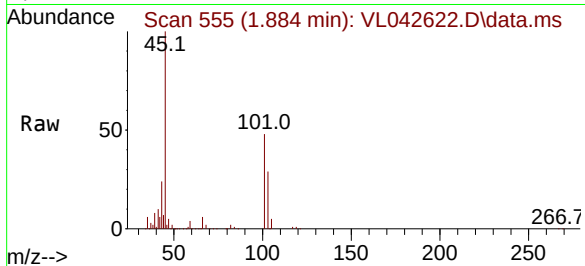
#19
Isopropyl Alcohol
Concen: 9.475 ppbv
RT: 1.884 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 73508
Ion Ratio Lower Upper
45 100
58 38.9 29.4 44.2

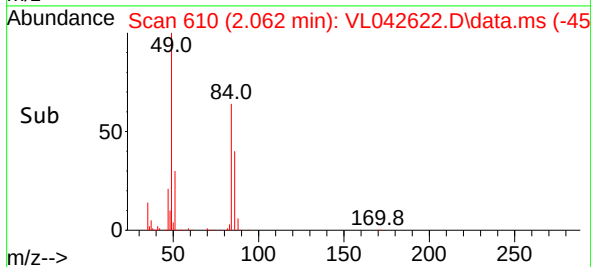
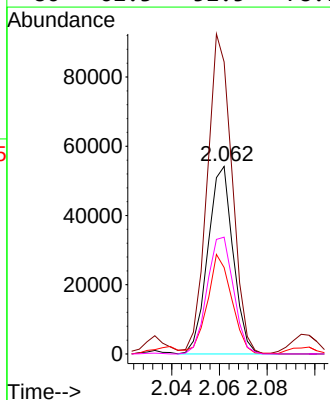
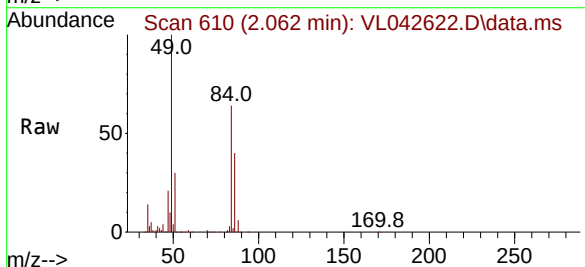
Manual Integrations
APPROVED

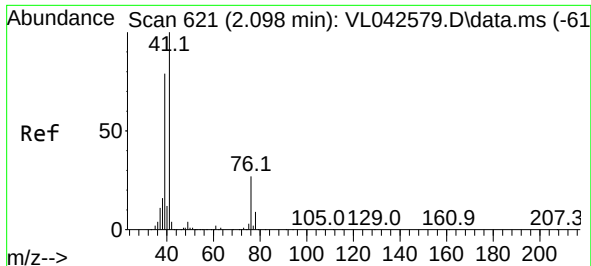
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#20
Methylene Chloride
Concen: 9.326 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

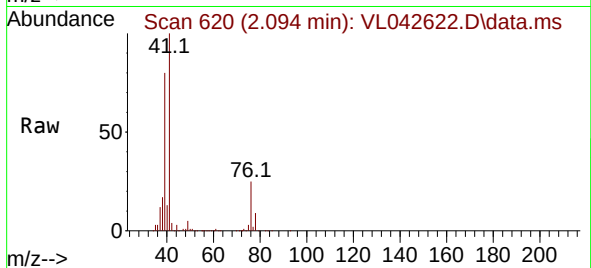
Tgt Ion: 84 Resp: 39938
Ion Ratio Lower Upper
84 100
49 154.3 128.8 193.2
51 45.8 38.6 57.8
86 62.3 52.5 78.7





#21
Allyl Chloride
Concen: 9.964 ppbv
RT: 2.094 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

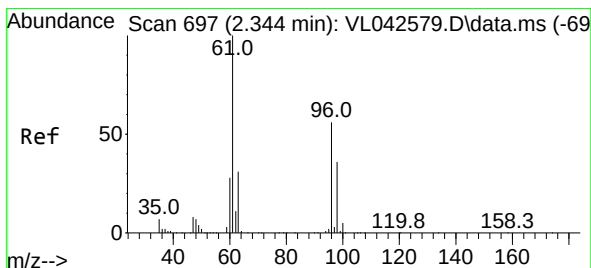
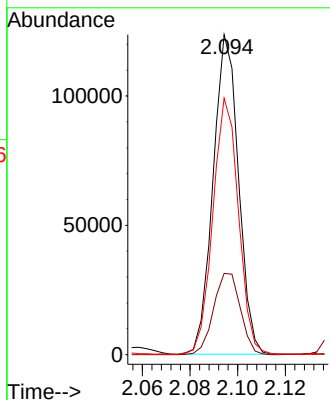
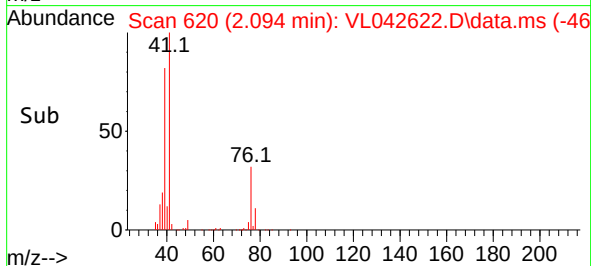
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 91238
Ion Ratio Lower Upper
41 100
76 27.0 21.2 31.8
39 80.7 60.9 91.3

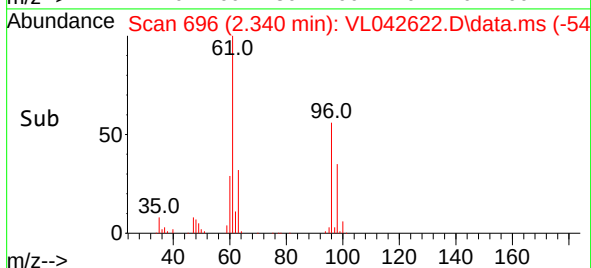
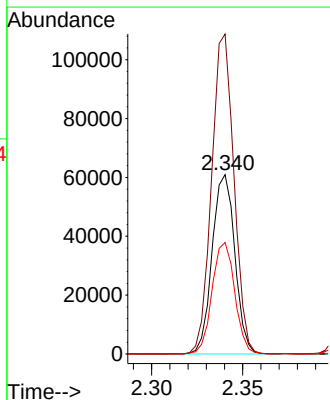
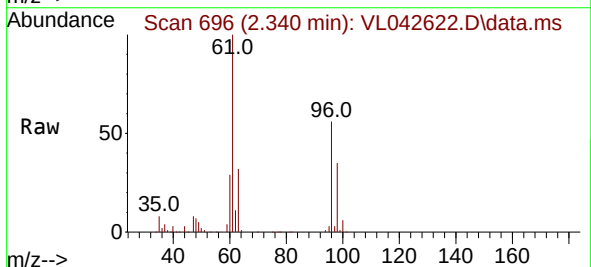
Manual Integrations
APPROVED

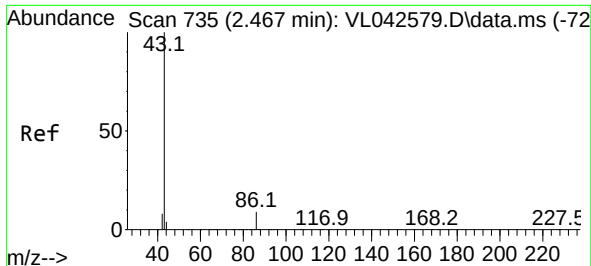
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#22
trans-1,2-Dichloroethene
Concen: 10.554 ppbv
RT: 2.340 min Scan# 696
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

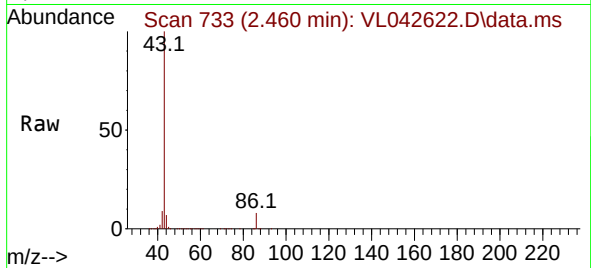
Tgt Ion: 96 Resp: 52863
Ion Ratio Lower Upper
96 100
61 178.4 142.6 214.0
98 62.2 51.0 76.4





#23
 Vinyl Acetate
 Concen: 12.267 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

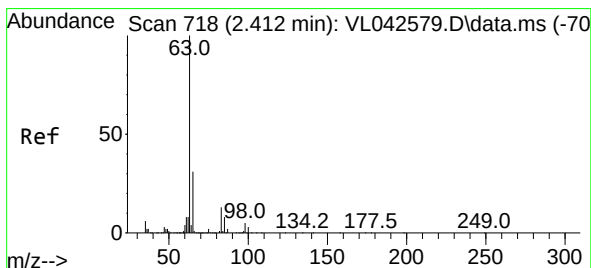
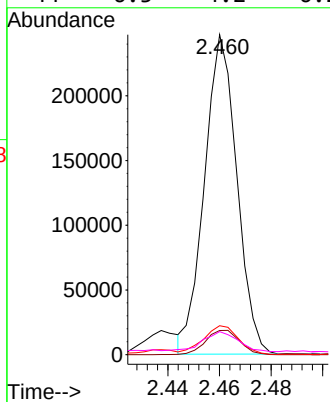
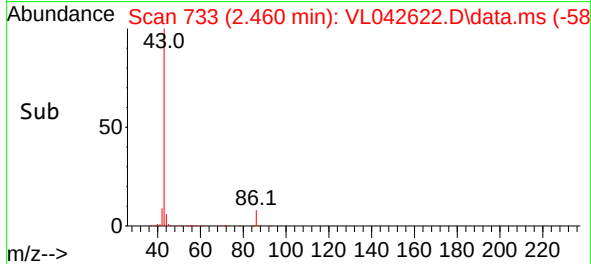
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



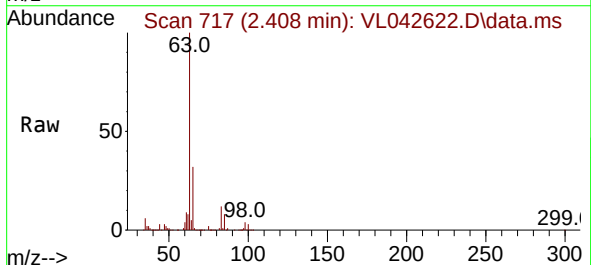
Tgt Ion: 43 Resp: 215190
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.6 9.8
 42 9.0 7.0 10.4
 44 6.3 4.2 6.2#

Manual Integrations
 APPROVED

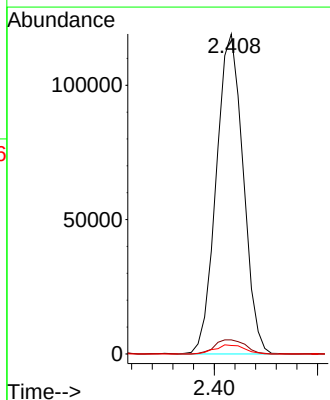
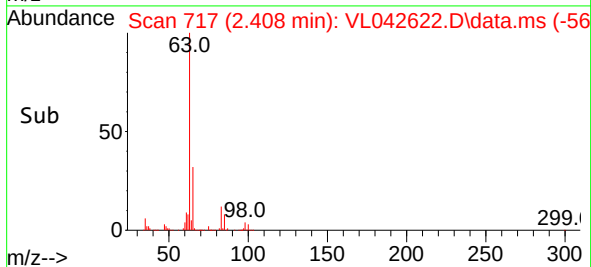
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

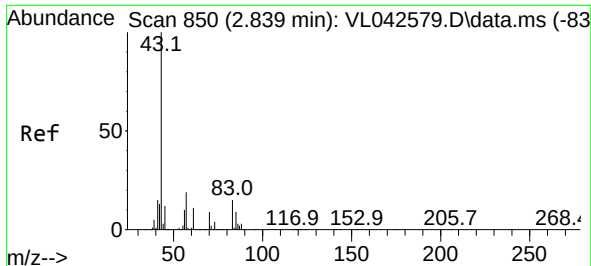


#24
 1,1-Dichloroethane
 Concen: 10.460 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54



Tgt Ion: 63 Resp: 107798
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.4 7.1
 100 2.7 1.4 4.0





#25

Ethyl Acetate

Concen: 9.773 ppbv

RT: 2.832 min Scan# 84

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 34707

Ion Ratio Lower Upper

43 100

45 9.9 8.2 12.2

61 8.7 7.1 10.7

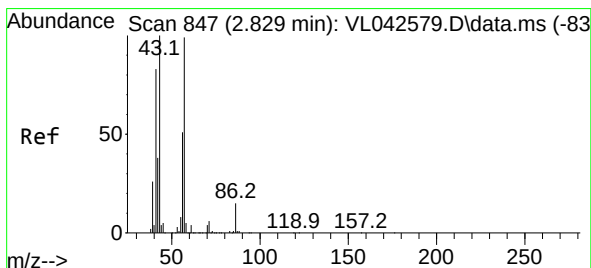
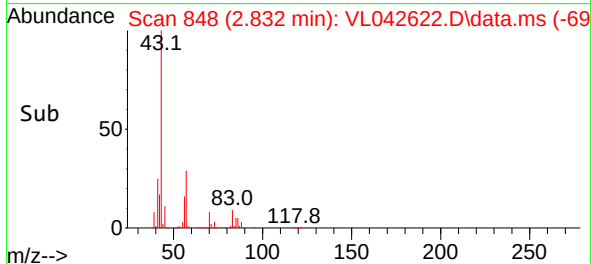
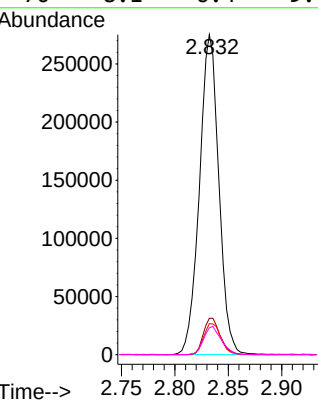
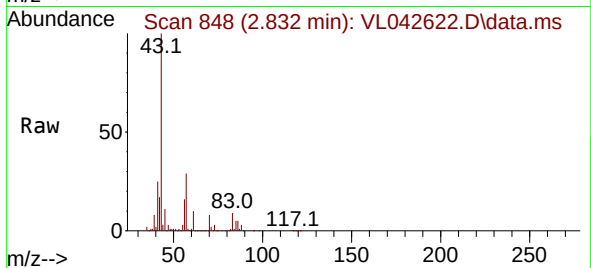
70 8.1 6.4 9.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#26

Hexane

Concen: 9.337 ppbv

RT: 2.823 min Scan# 845

Delta R.T. -0.007 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion: 57 Resp: 150675

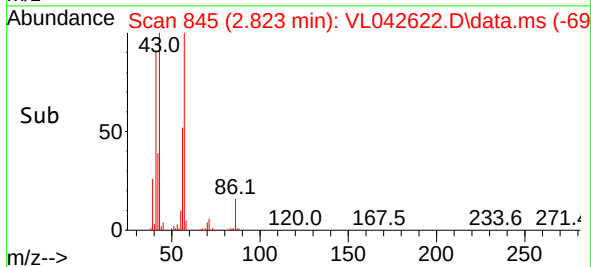
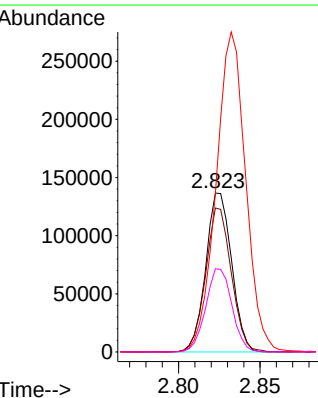
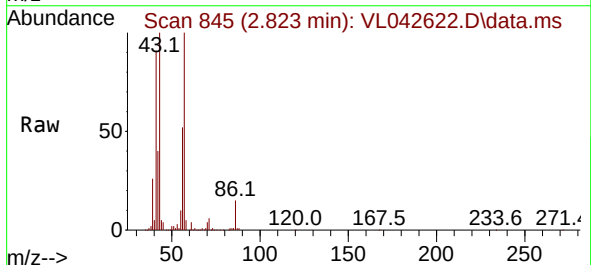
Ion Ratio Lower Upper

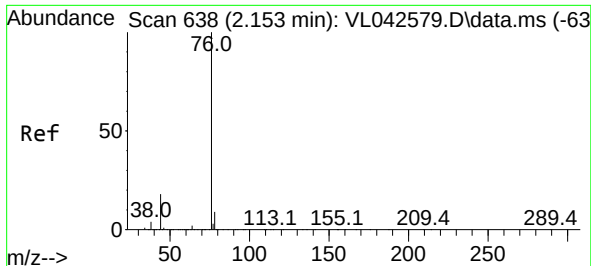
57 100

41 90.9 70.6 106.0

43 231.5 181.1 271.7

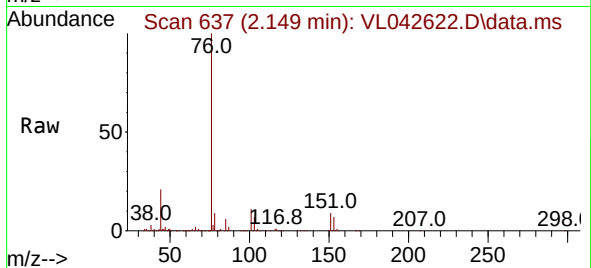
56 52.9 42.2 63.4





#27
Carbon Disulfide
Concen: 10.923 ppbv
RT: 2.149 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

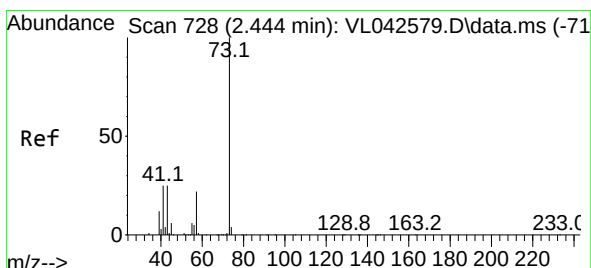
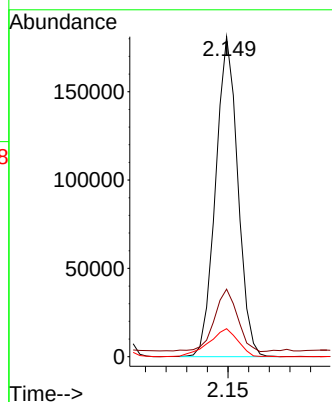
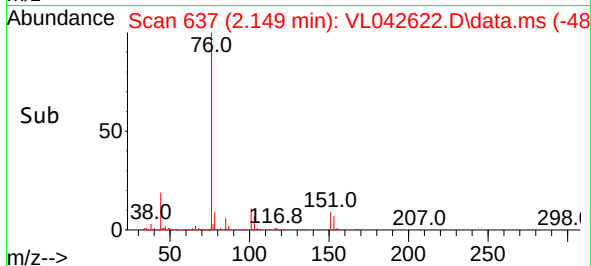
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 135320
Ion Ratio Lower Upper
76 100
44 20.1 21.3 31.9
78 11.5 9.4 14.0

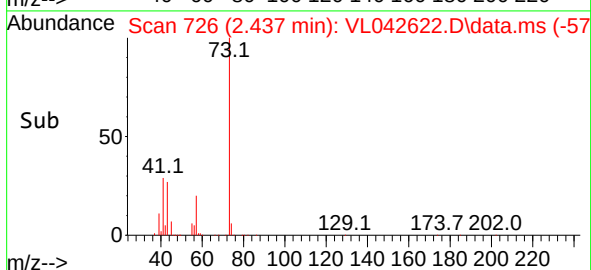
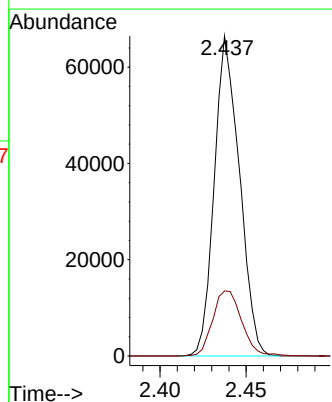
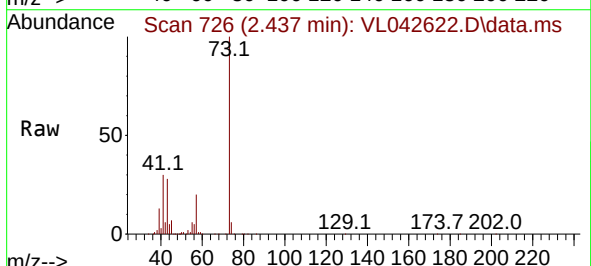
Manual Integrations
APPROVED

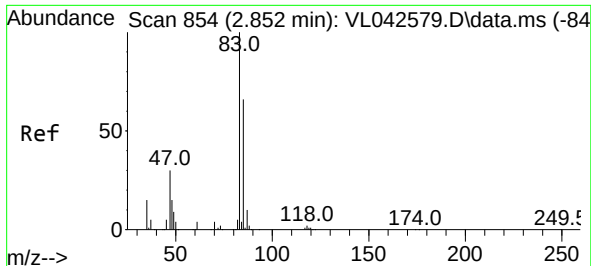
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#28
Methyl tert-Butyl Ether
Concen: 10.311 ppbv
RT: 2.437 min Scan# 726
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 73 Resp: 67524
Ion Ratio Lower Upper
73 100
57 23.5 19.9 29.9





#29

Chloroform

Concen: 10.259 ppbv

RT: 2.848 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 215284

Ion Ratio Lower Upper

83 100

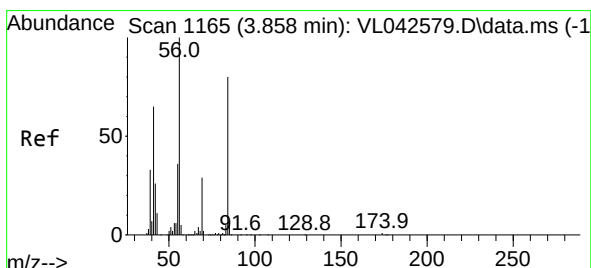
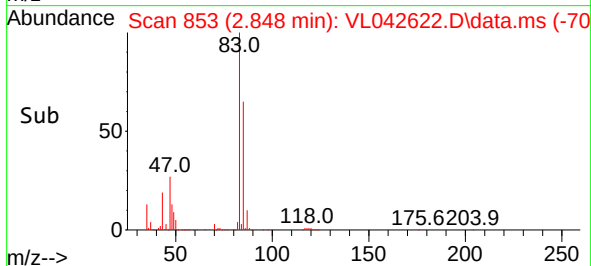
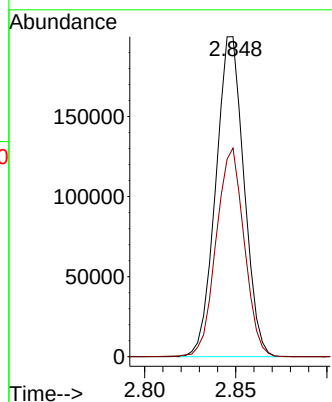
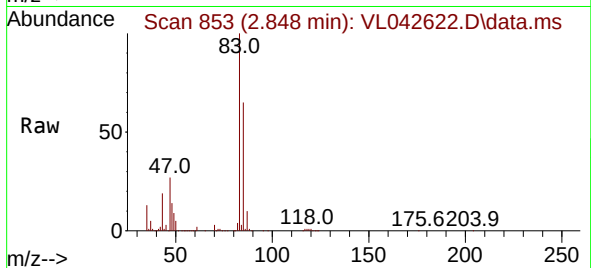
85 65.1 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#30

Cyclohexane

Concen: 9.147 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

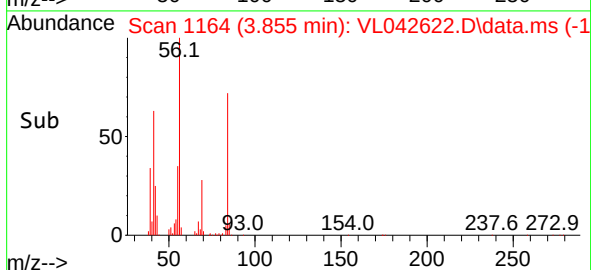
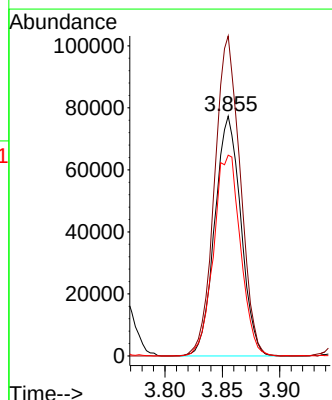
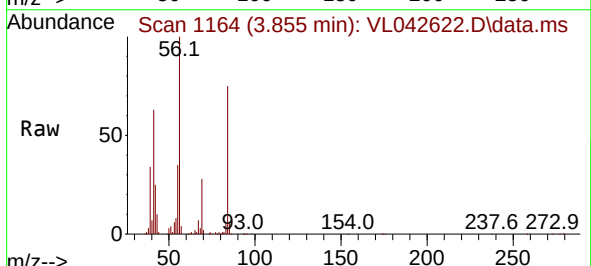
Tgt Ion: 84 Resp: 122368

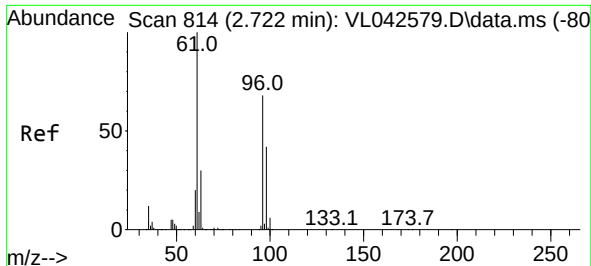
Ion Ratio Lower Upper

84 100

56 131.0 103.7 155.5

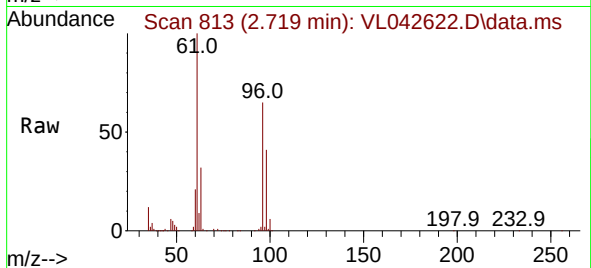
41 86.5 65.1 97.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.909 ppbv
 RT: 2.719 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

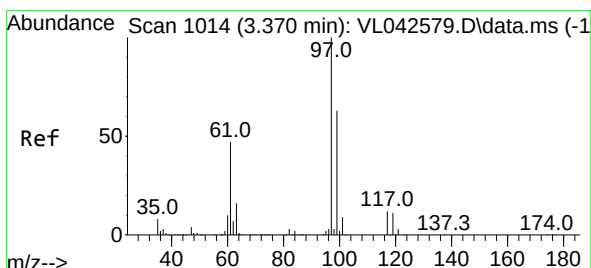
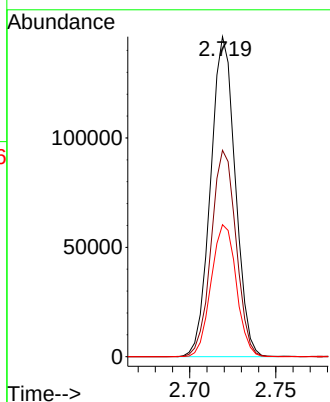
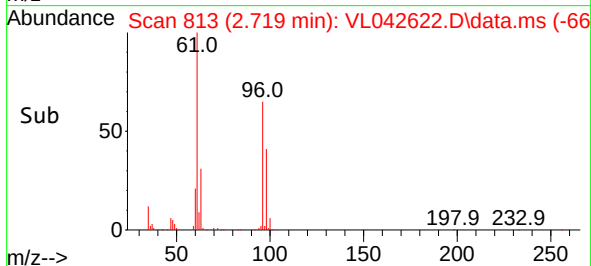
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



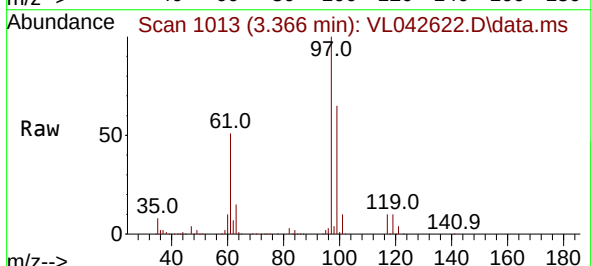
Tgt Ion: 61 Resp: 14627
 Ion Ratio Lower Upper
 61 100
 96 64.5 54.5 81.7
 98 41.3 33.4 50.2

Manual Integrations
 APPROVED

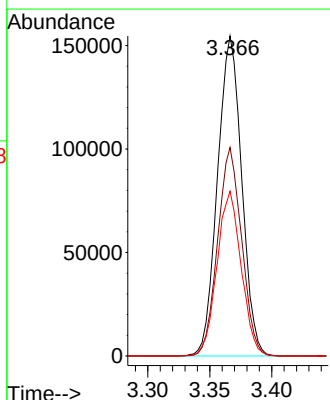
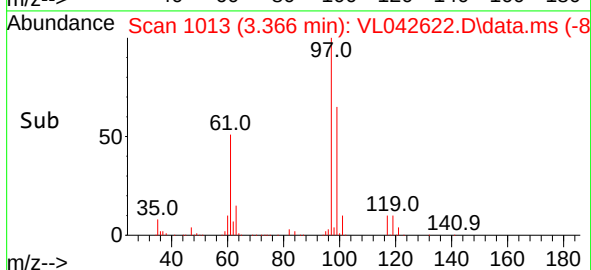
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

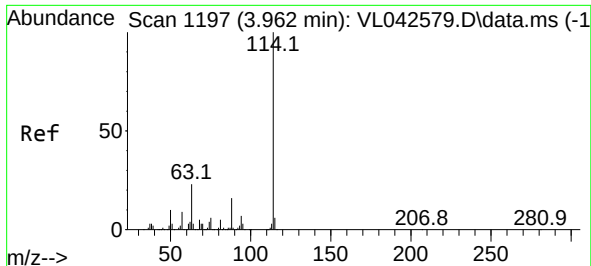


#32
 1,1,1-Trichloroethane
 Concen: 9.818 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54



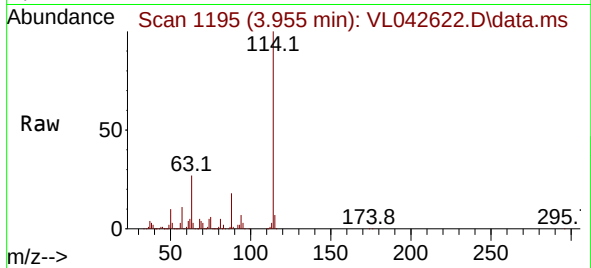
Tgt Ion: 97 Resp: 210503
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.6
 61 51.5 39.4 59.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.955 min Scan# 1195
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

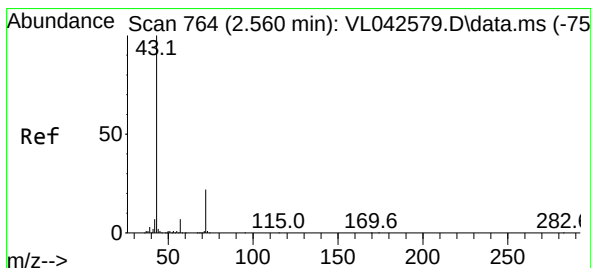
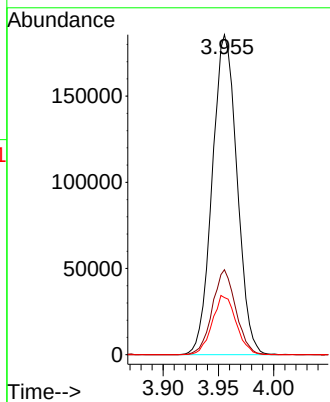
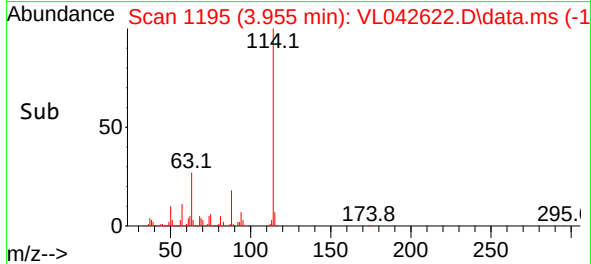
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 28889
Ion Ratio Lower Upper
114 100
63 25.2 19.0 28.6
88 17.9 13.6 20.4

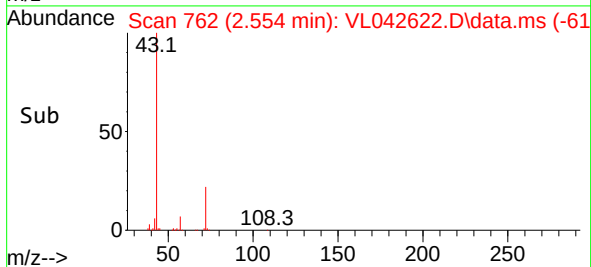
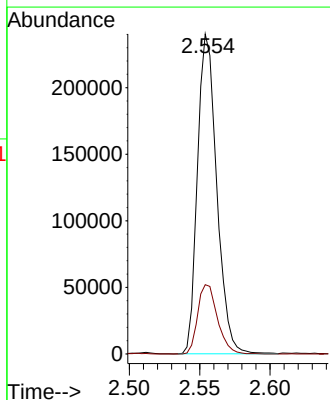
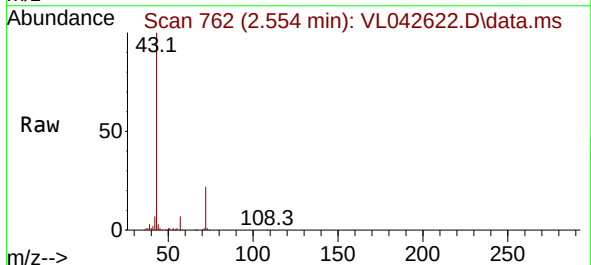
Manual Integrations
APPROVED

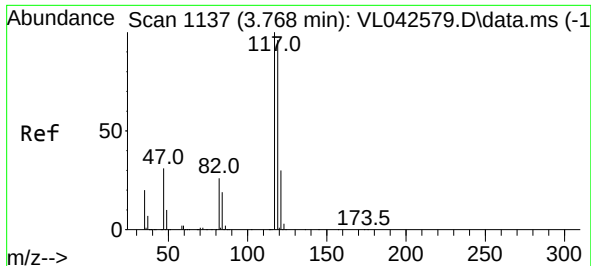
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#34
2-Butanone
Concen: 11.106 ppbv
RT: 2.554 min Scan# 762
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

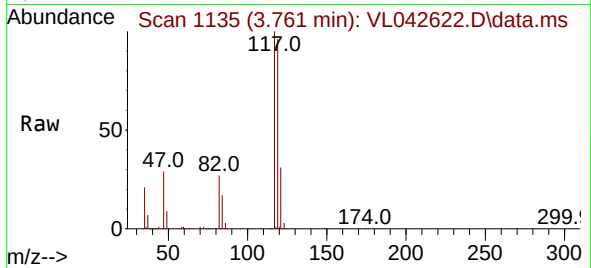
Tgt Ion: 43 Resp: 228811
Ion Ratio Lower Upper
43 100
72 22.2 17.7 26.5





#35
Carbon Tetrachloride
Concen: 11.120 ppbv
RT: 3.761 min Scan# 1135
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

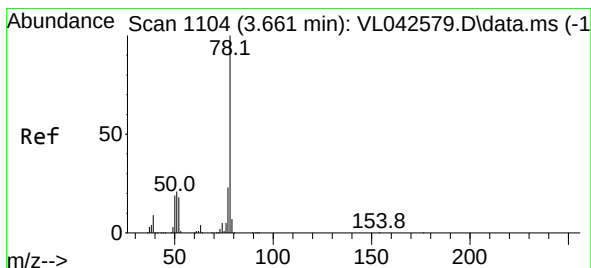
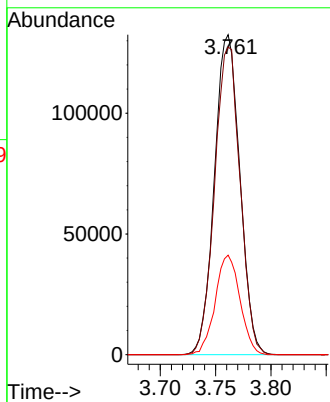
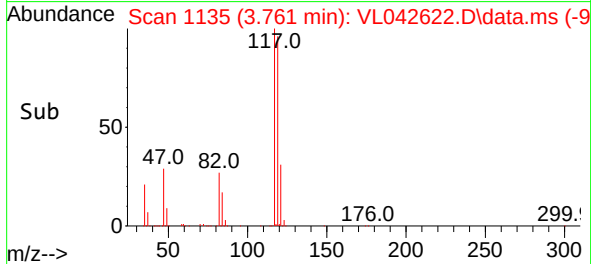
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 212079
Ion Ratio Lower Upper
117 100
119 96.1 76.8 115.2
121 31.1 24.3 36.5

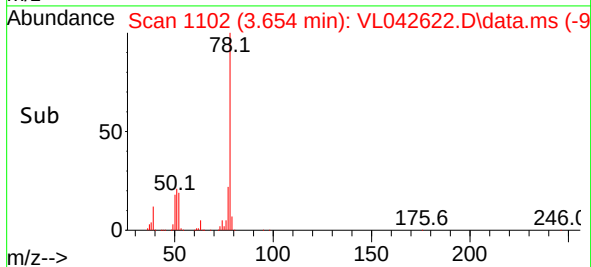
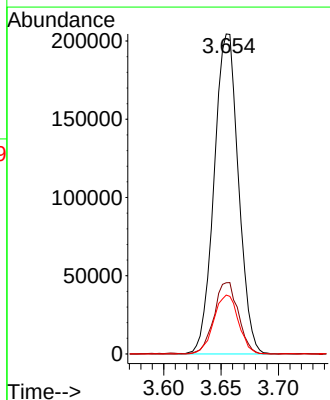
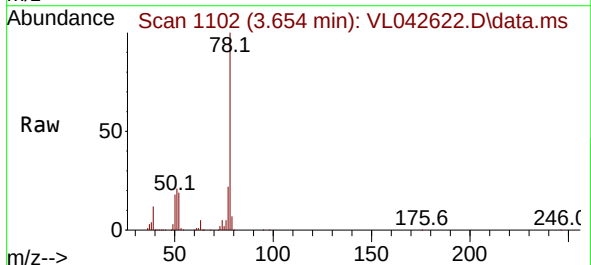
Manual Integrations
APPROVED

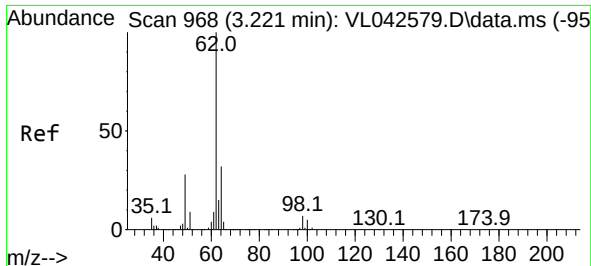
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#36
Benzene
Concen: 10.602 ppbv
RT: 3.654 min Scan# 1102
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 78 Resp: 301626
Ion Ratio Lower Upper
78 100
77 22.2 18.2 27.2
50 18.4 15.2 22.8





#37

1,2-Dichloroethane

Concen: 11.651 ppbv

RT: 3.217 min Scan# 968

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 164738

Ion Ratio Lower Upper

62 100

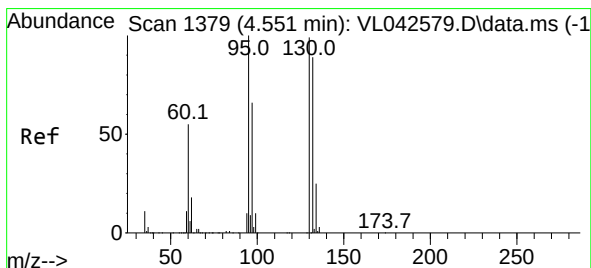
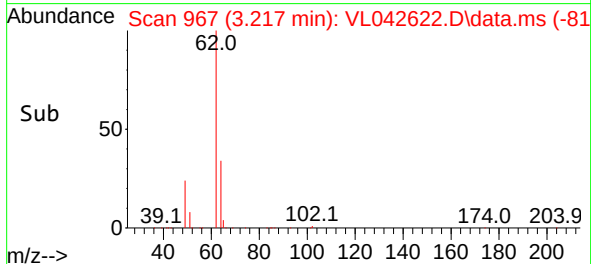
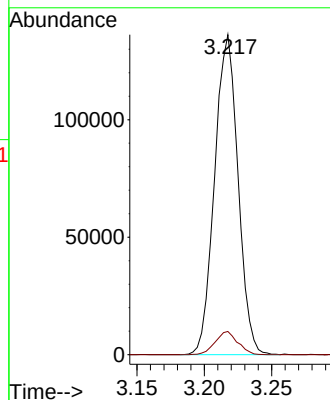
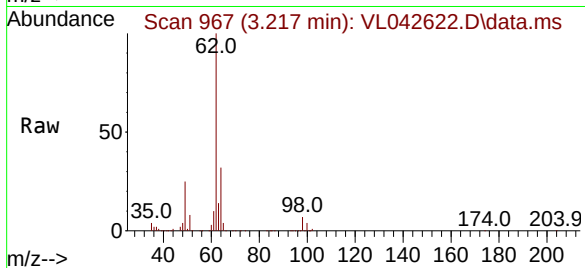
98 7.0 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#38

Trichloroethene

Concen: 10.063 ppbv

RT: 4.544 min Scan# 1377

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion:130 Resp: 121690

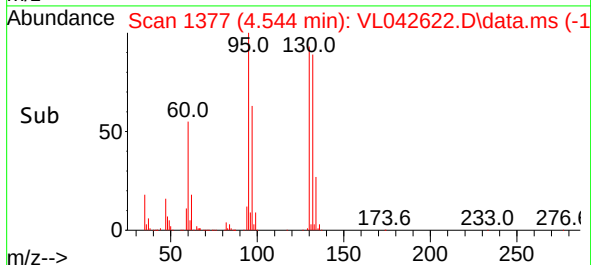
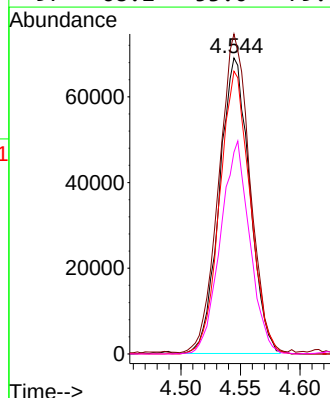
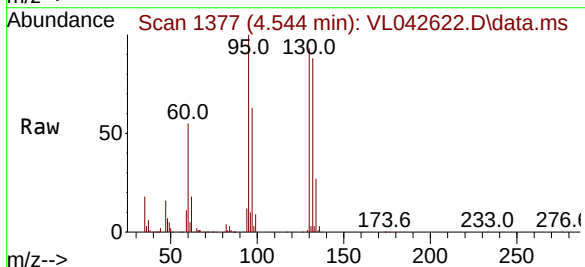
Ion Ratio Lower Upper

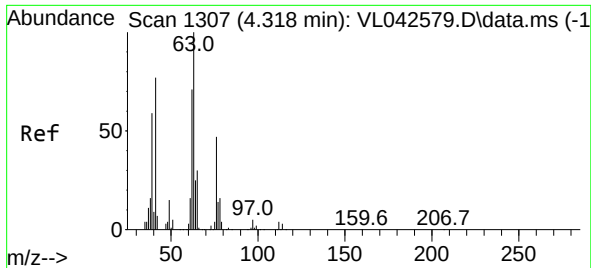
130 100

95 107.8 80.6 121.0

132 95.7 71.8 107.6

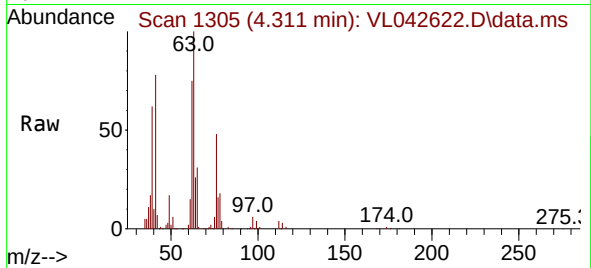
97 68.2 53.0 79.4





#39
 1,2-Dichloropropane
 Concen: 10.368 ppbv
 RT: 4.311 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

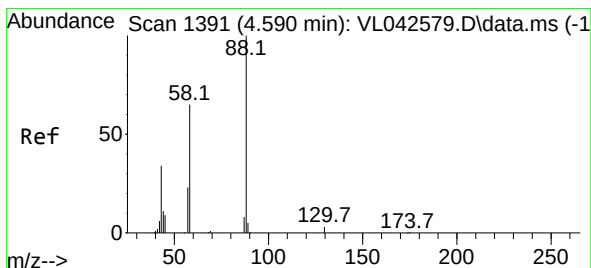
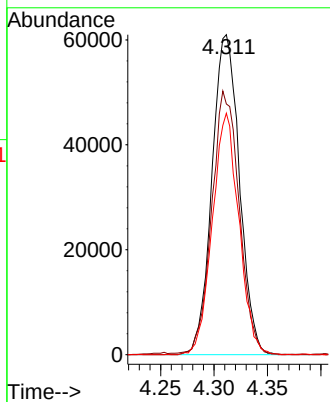
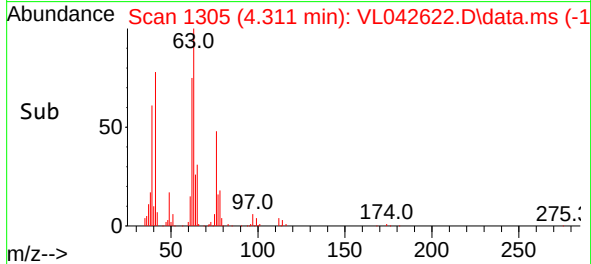
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 63 Resp: 109074
 Ion Ratio Lower Upper
 63 100
 41 78.1 61.8 92.6
 62 75.5 56.6 85.0

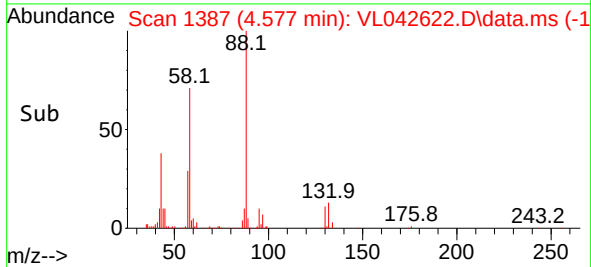
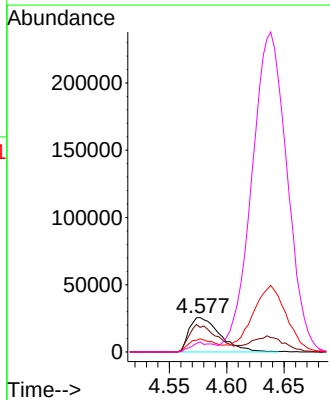
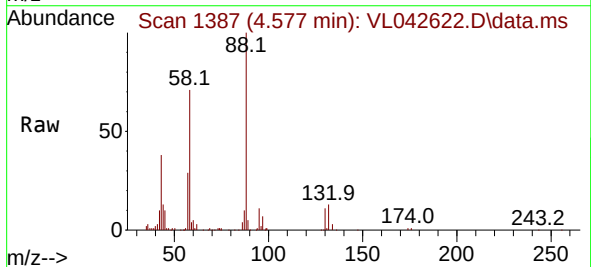
Manual Integrations
 APPROVED

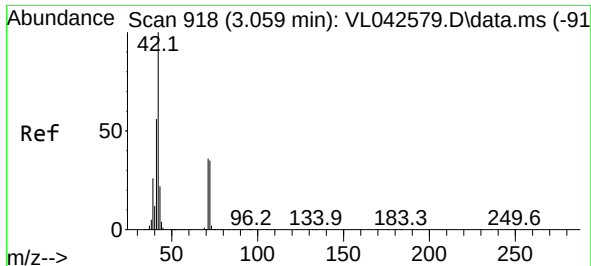
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025



#40
 1,4-Dioxane
 Concen: 10.229 ppbv
 RT: 4.577 min Scan# 1387
 Delta R.T. -0.013 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Tgt Ion: 88 Resp: 48153
 Ion Ratio Lower Upper
 88 100
 58 71.3 55.8 83.8
 43 33.2 24.8 37.2
 57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 10.430 ppbv

RT: 3.052 min Scan# 918

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

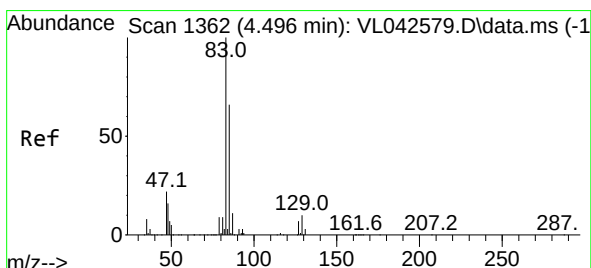
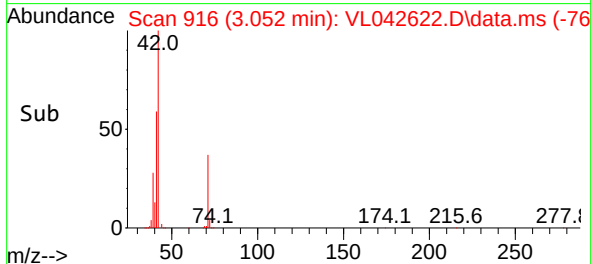
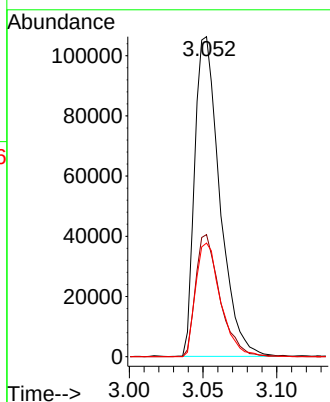
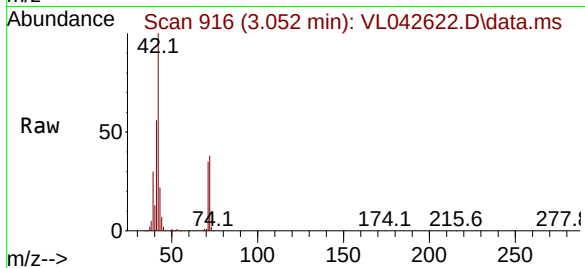
Tgt Ion: 42 Resp: 12578

Ion	Ratio	Lower	Upper
42	100		
72	37.1	28.9	43.3
71	35.4	28.5	42.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#42

Bromodichloromethane

Concen: 11.792 ppbv

RT: 4.486 min Scan# 1359

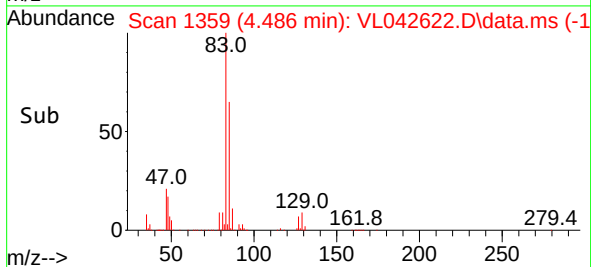
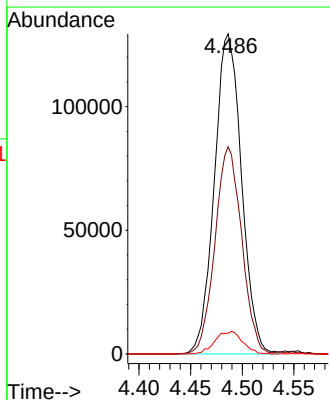
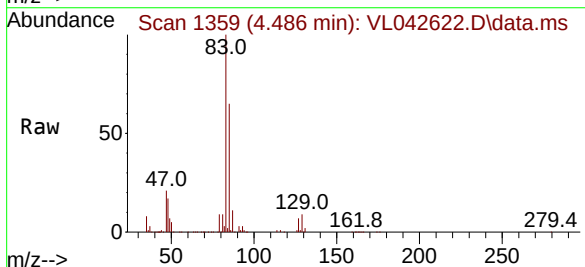
Delta R.T. -0.010 min

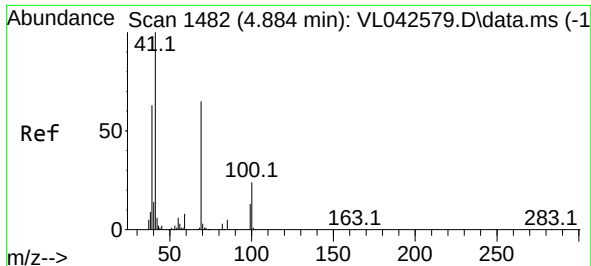
Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion: 83 Resp: 236809

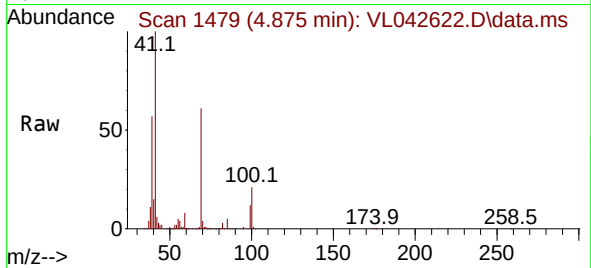
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.7	79.1
127	6.5	5.8	8.6





#43
Methyl Methacrylate
Concen: 10.504 ppbv
RT: 4.875 min Scan# 1479
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

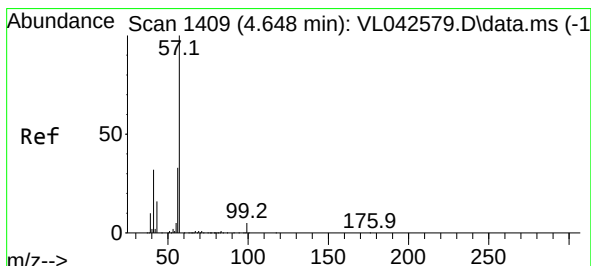
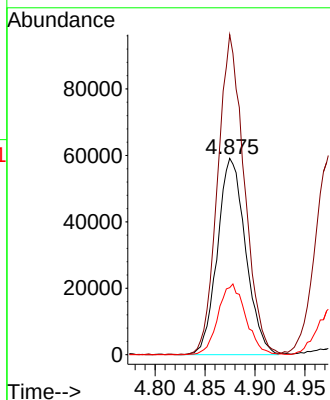
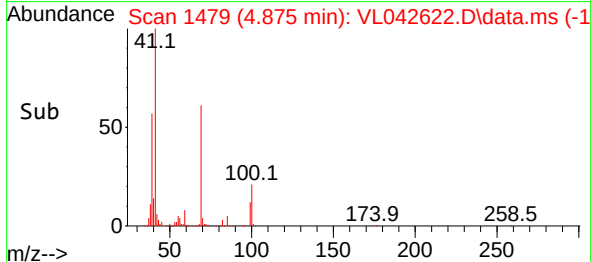
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



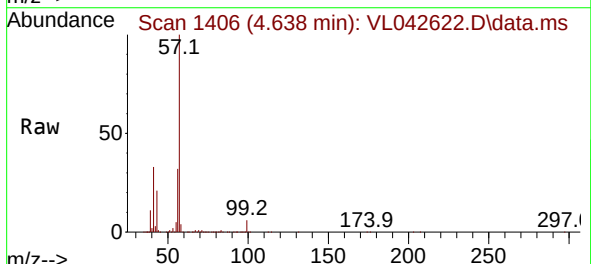
Tgt Ion: 69 Resp: 11598
Ion Ratio Lower Upper
69 100
41 154.3 124.6 187.0
100 35.3 29.9 44.9

Manual Integrations
APPROVED

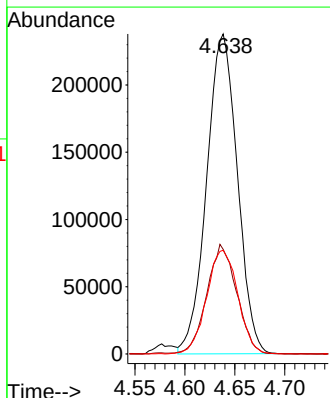
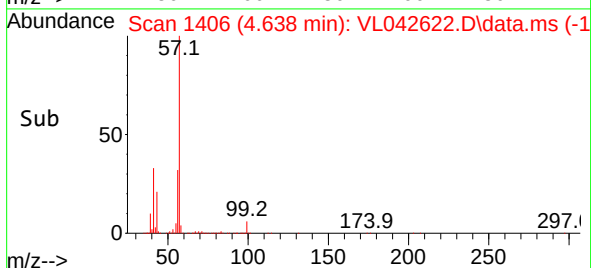
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

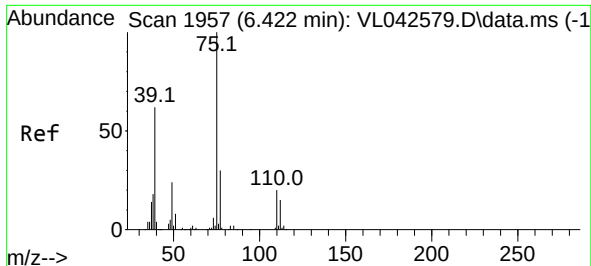


#44
2,2,4-Trimethylpentane
Concen: 10.455 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



Tgt Ion: 57 Resp: 508749
Ion Ratio Lower Upper
57 100
41 33.7 26.1 39.1
56 33.1 25.9 38.9





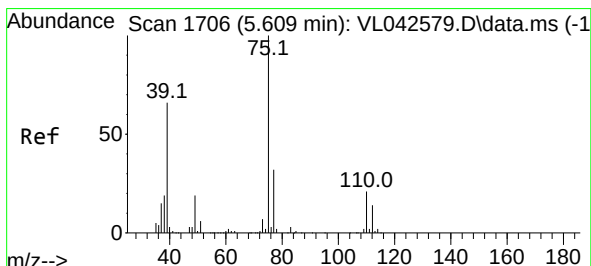
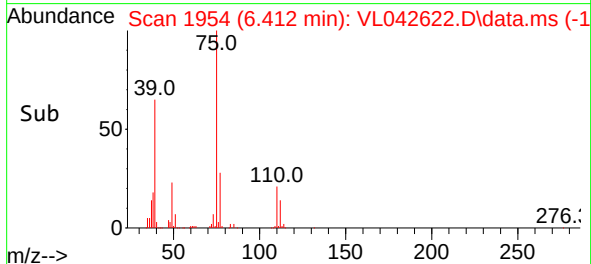
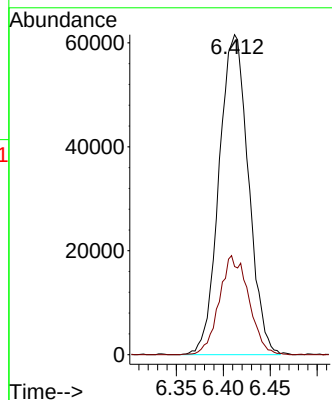
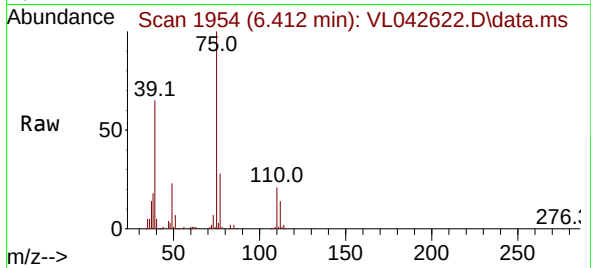
#45
t-1,3-Dichloropropene
Concen: 10.592 ppbv
RT: 6.412 min Scan# 1957
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 133838
Ion Ratio Lower Upper
75 100
77 27.5 24.2 36.2

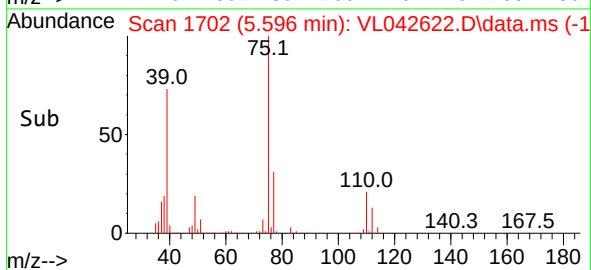
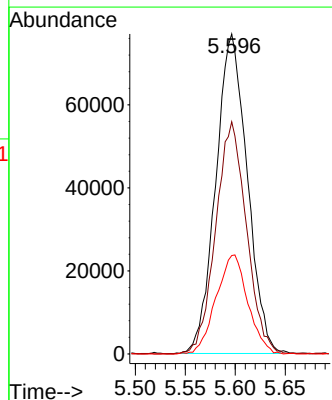
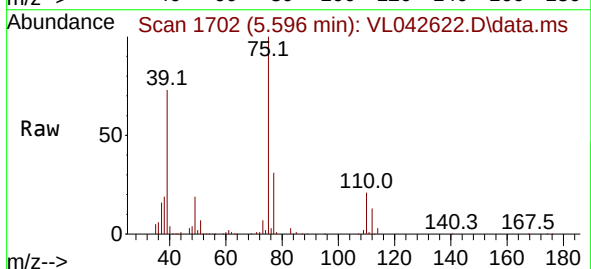
Manual Integrations
APPROVED

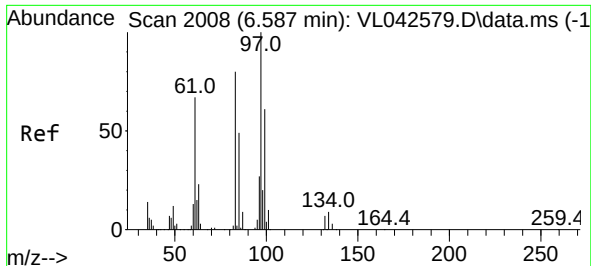
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#46
cis-1,3-Dichloropropene
Concen: 10.657 ppbv
RT: 5.596 min Scan# 1702
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

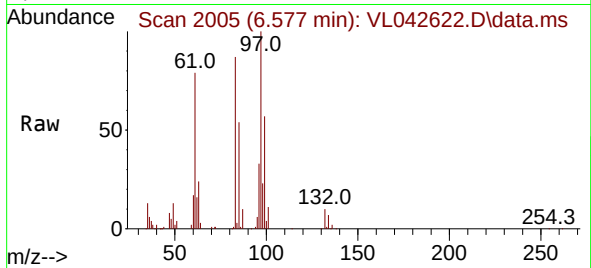
Tgt Ion: 75 Resp: 168729
Ion Ratio Lower Upper
75 100
39 72.4 52.7 79.1
77 30.6 25.8 38.8





#47
1,1,2-Trichloroethane
Concen: 10.750 ppbv
RT: 6.577 min Scan# 2008
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

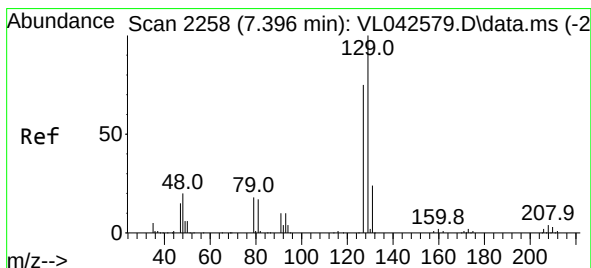
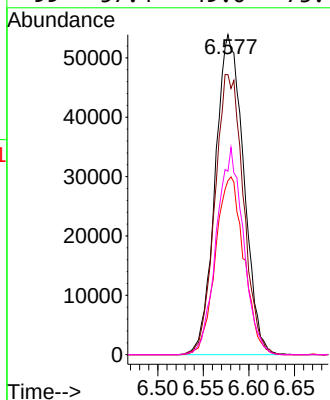
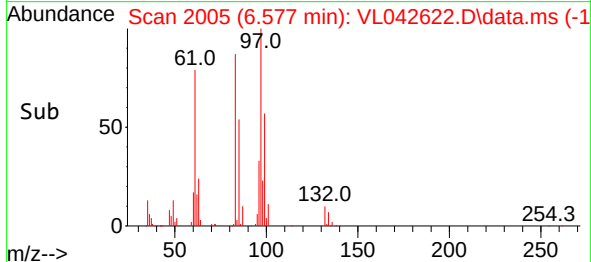
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 11707
Ion Ratio Lower Upper
97 100
83 87.5 63.9 95.9
85 54.4 39.2 58.8
99 57.4 49.0 73.4

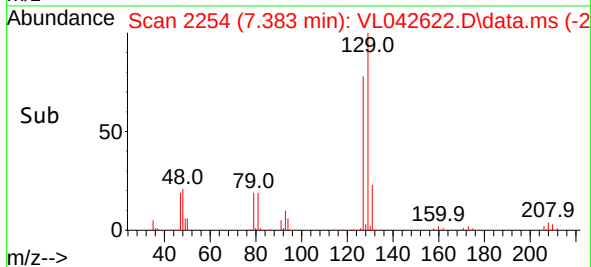
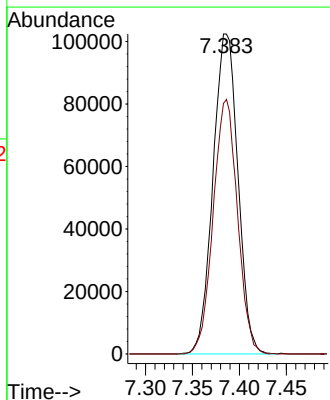
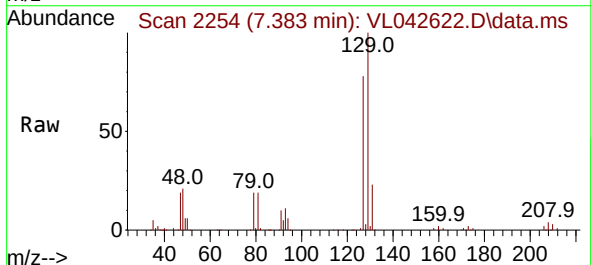
Manual Integrations
APPROVED

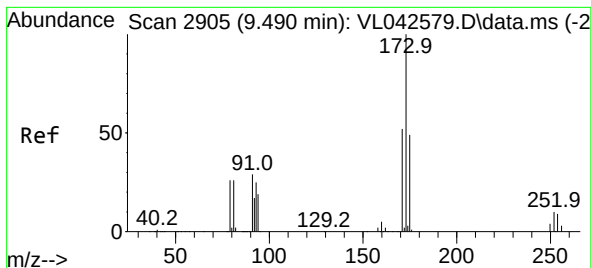
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#48
Dibromochloromethane
Concen: 10.848 ppbv
RT: 7.383 min Scan# 2254
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:129 Resp: 189133
Ion Ratio Lower Upper
129 100
127 77.4 39.0 116.9





#49

Bromoform

Concen: 10.771 ppbv

RT: 9.484 min Scan# 2905

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 16203

Ion Ratio Lower Upper

173 100

175 48.7 38.7 58.1

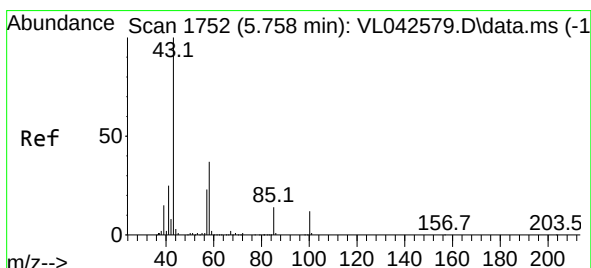
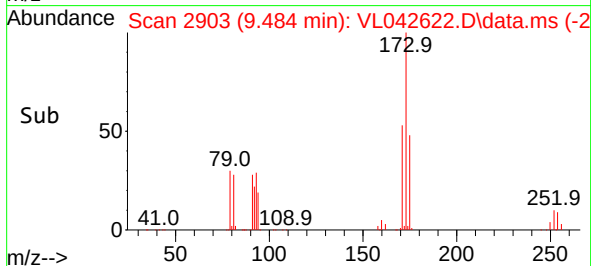
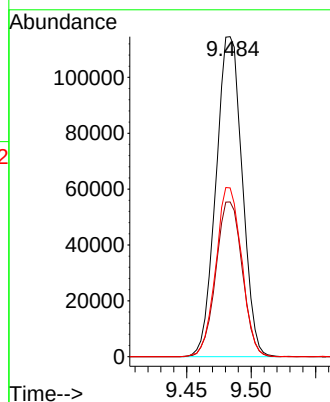
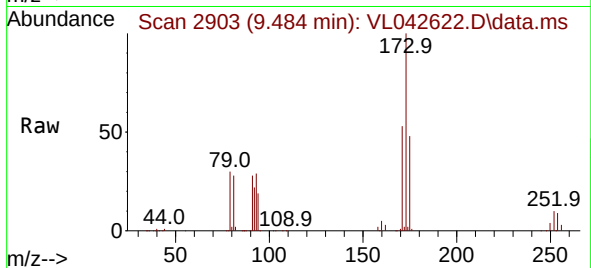
171 52.1 41.2 61.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#50

4-Methyl-2-Pentanone

Concen: 10.684 ppbv

RT: 5.745 min Scan# 1748

Delta R.T. -0.013 min

Lab File: VL042622.D

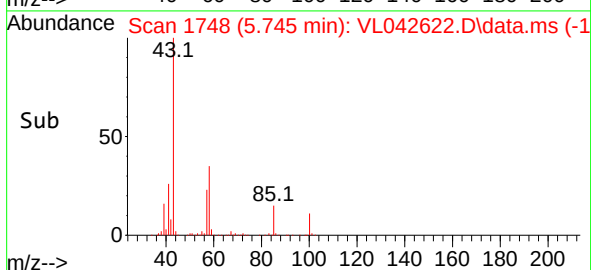
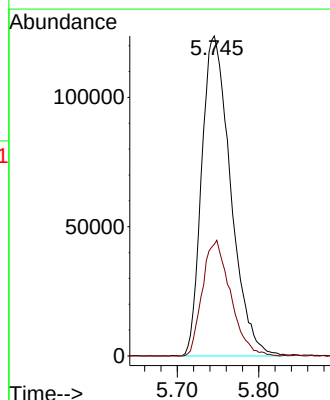
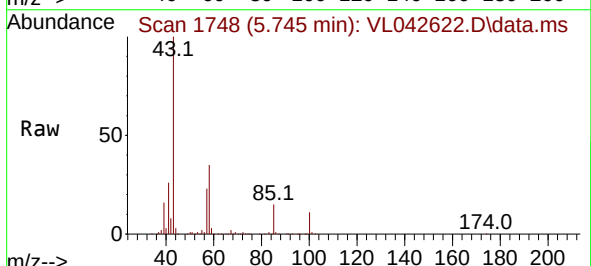
Acq: 16 Jun 2025 08:54

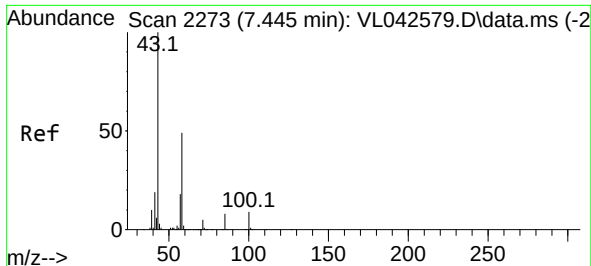
Tgt Ion: 43 Resp: 305302

Ion Ratio Lower Upper

43 100

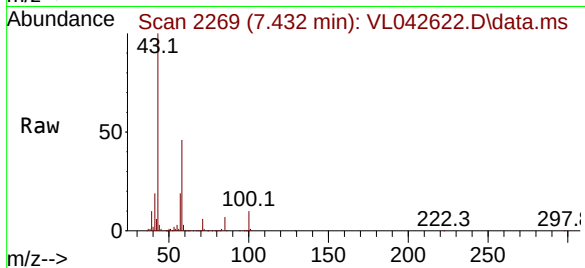
58 35.2 28.3 42.5





#51
2-Hexanone
Concen: 10.778 ppbv
RT: 7.432 min Scan# 2113
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

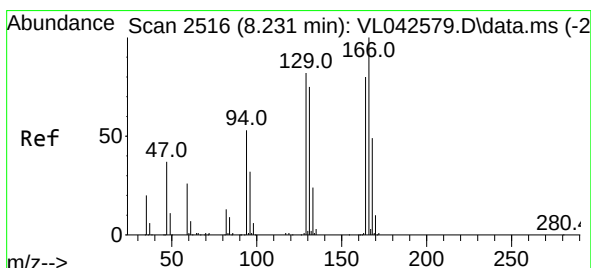
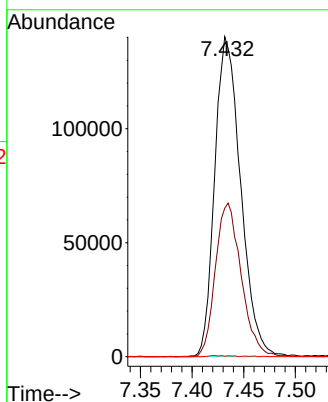
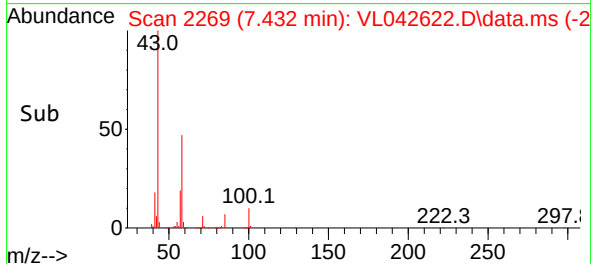
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



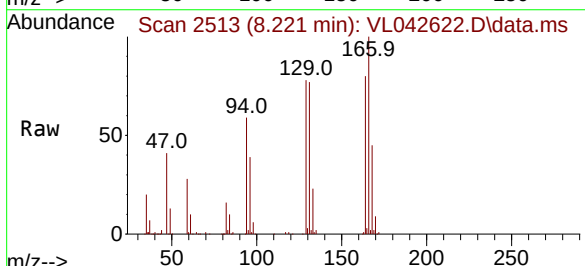
Tgt Ion: 43 Resp: 244283
Ion Ratio Lower Upper
43 100
58 47.9 39.9 59.9
98 0.4 0.1 0.1

Manual Integrations
APPROVED

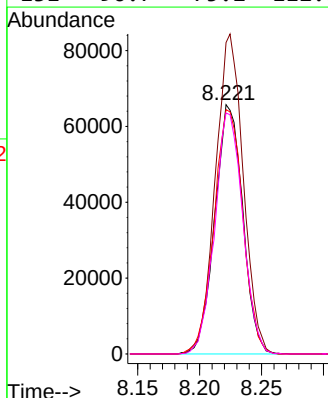
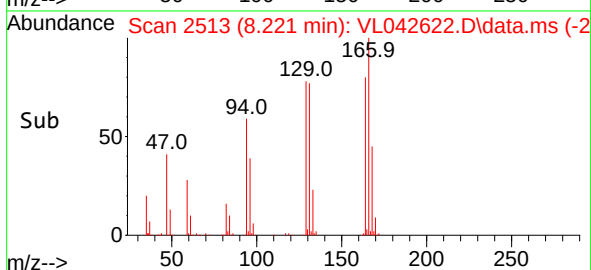
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

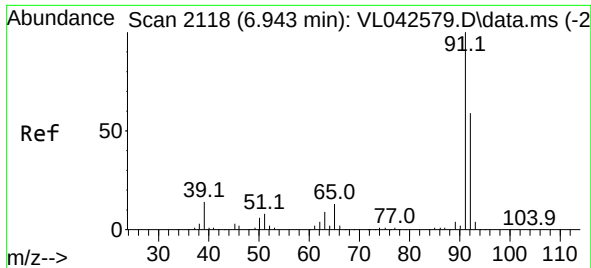


#52
Tetrachloroethene
Concen: 9.704 ppbv
RT: 8.221 min Scan# 2513
Delta R.T. -0.010 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



Tgt Ion:164 Resp: 103159
Ion Ratio Lower Upper
164 100
166 124.9 100.0 150.0
129 98.0 82.2 123.4
131 96.7 75.2 112.8





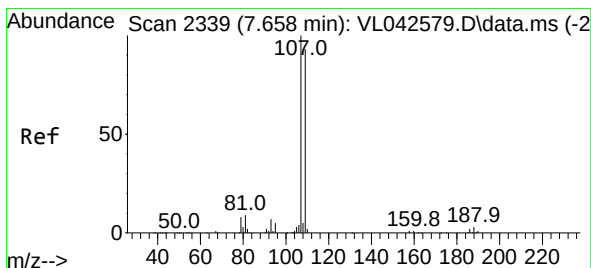
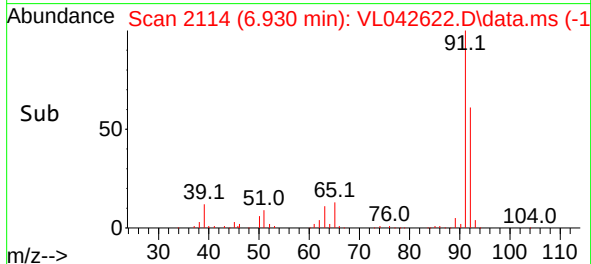
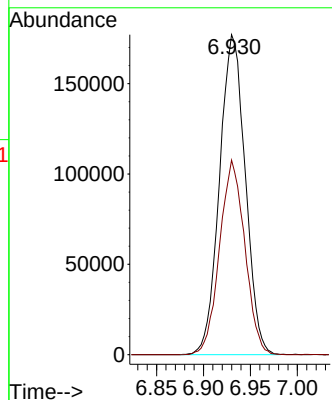
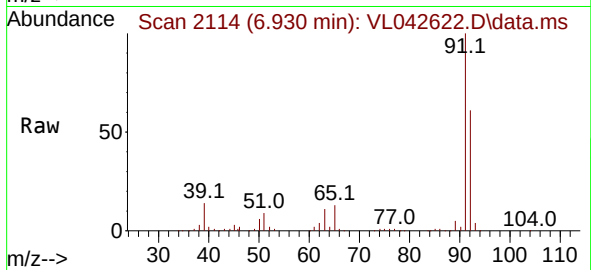
#53
Toluene
Concen: 10.265 ppbv
RT: 6.930 min Scan# 2118
Delta R.T. -0.013 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 33753
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.4

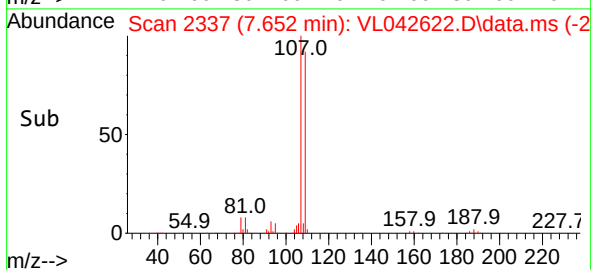
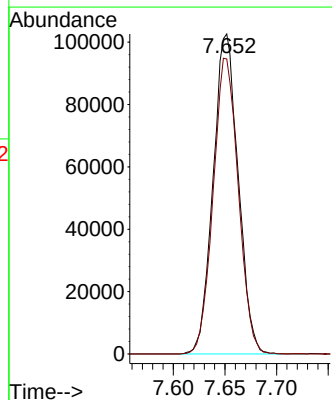
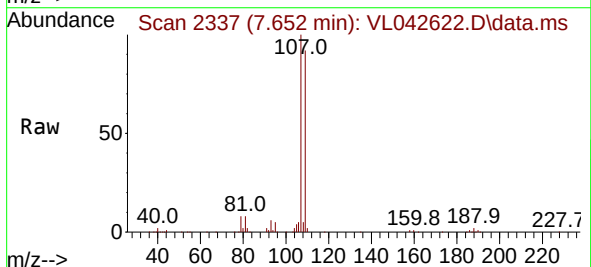
Manual Integrations
APPROVED

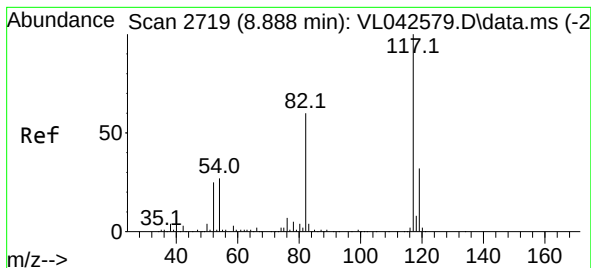
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#54
1,2-Dibromoethane
Concen: 10.772 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:107 Resp: 173642
Ion Ratio Lower Upper
107 100
109 92.2 74.3 111.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

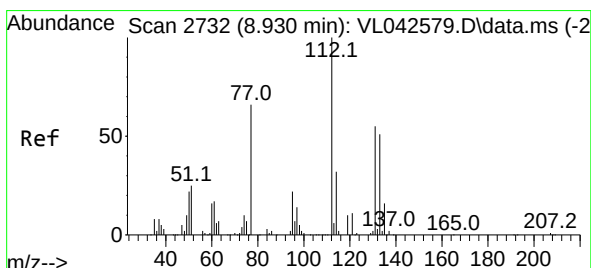
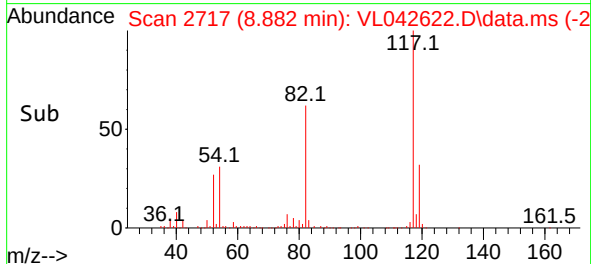
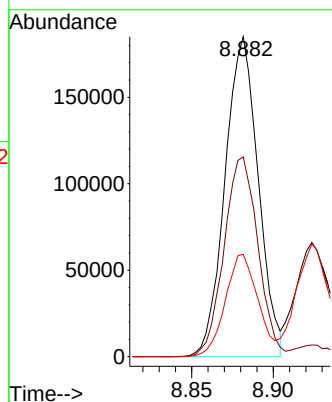
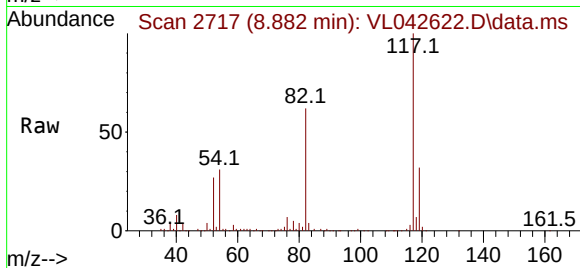
VSTDCCC010

Tgt Ion:	117	Resp:	26250
Ion Ratio	Lower	Upper	
117	100		
82	67.3	51.2	76.8
119	30.6	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.680 ppbv

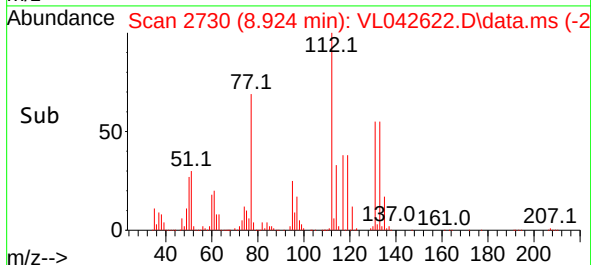
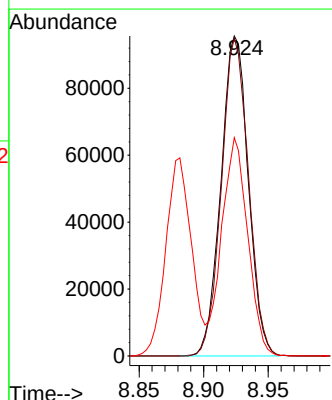
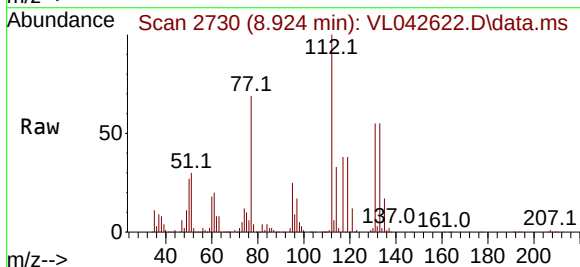
RT: 8.924 min Scan# 2730

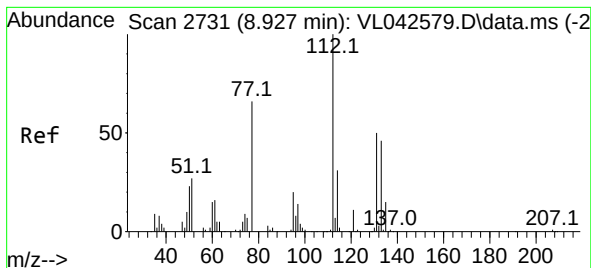
Delta R.T. -0.007 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion:	131	Resp:	140969
Ion Ratio	Lower	Upper	
131	100		
133	98.2	75.0	112.6
119	65.3	50.8	76.2





#57

Chlorobenzene

Concen: 10.116 ppbv

RT: 8.920 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

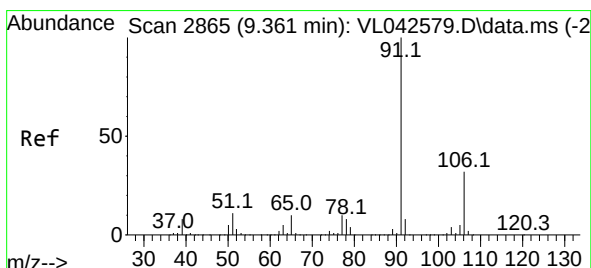
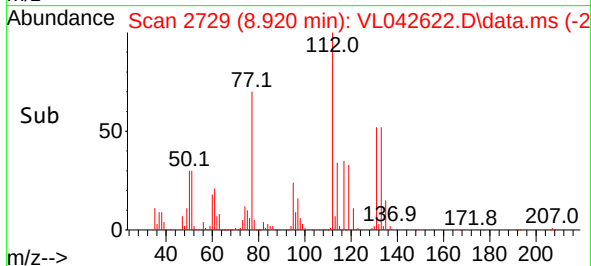
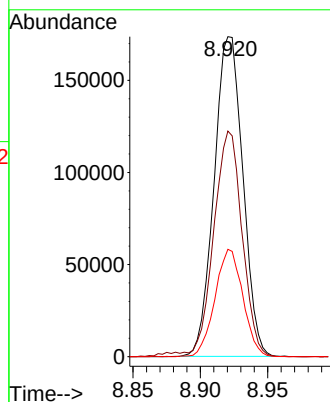
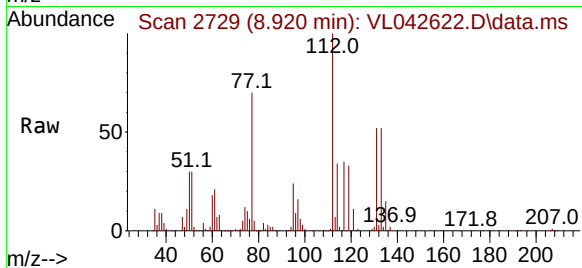
Tgt Ion:112 Resp: 25784

Ion	Ratio	Lower	Upper
112	100		
77	70.5	53.5	80.3
114	33.5	27.8	34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#58

Ethyl Benzene

Concen: 10.452 ppbv

RT: 9.354 min Scan# 2863

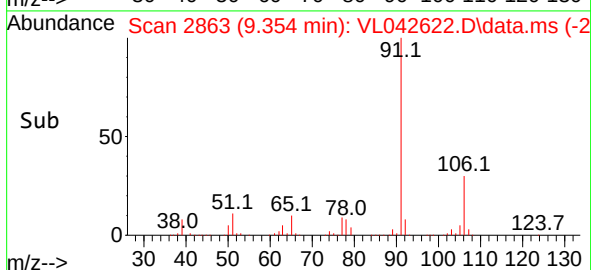
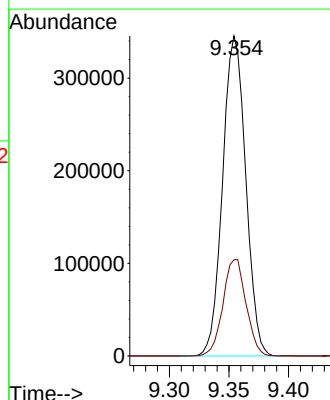
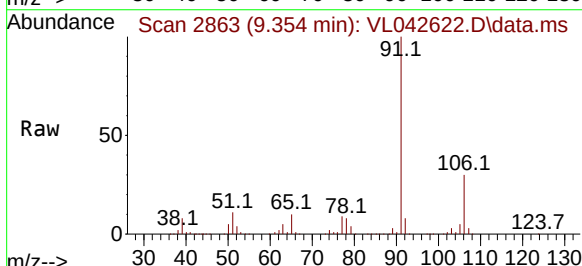
Delta R.T. -0.006 min

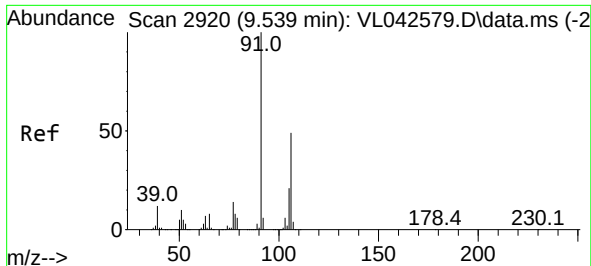
Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion: 91 Resp: 465413

Ion	Ratio	Lower	Upper
91	100		
106	30.1	25.9	38.9





#59

m/p-Xylene

Concen: 21.392 ppbv m

RT: 9.548 min Scan# 2920

Delta R.T. 0.010 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 74960

Ion Ratio Lower Upper

91 100

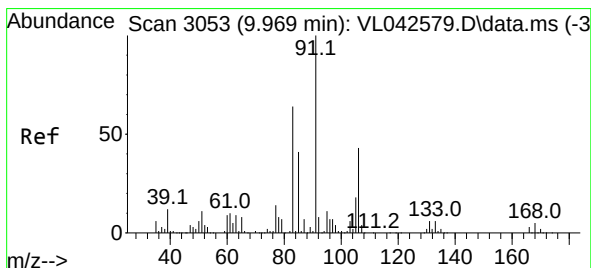
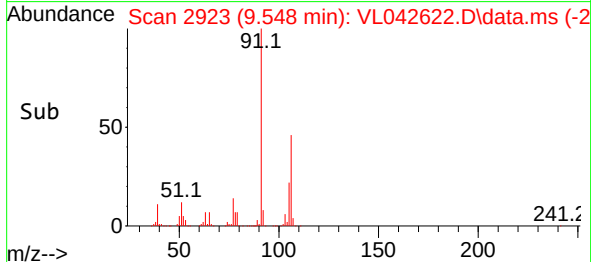
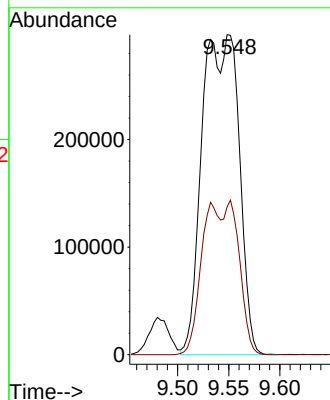
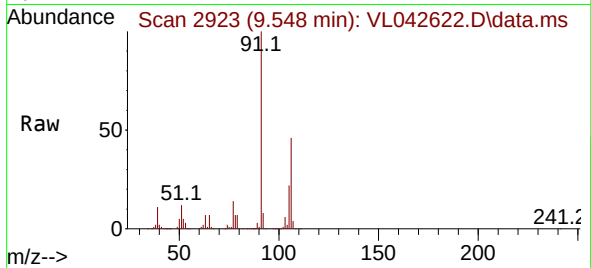
106 0.0 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#60

o-Xylene

Concen: 10.551 ppbv

RT: 9.963 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL042622.D

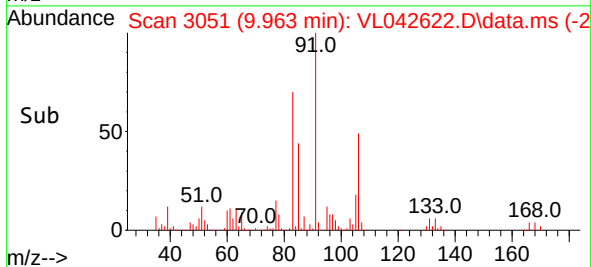
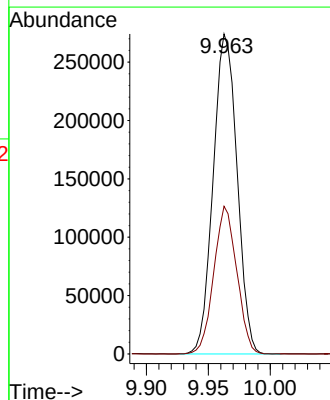
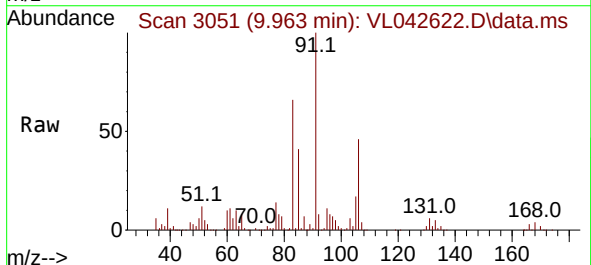
Acq: 16 Jun 2025 08:54

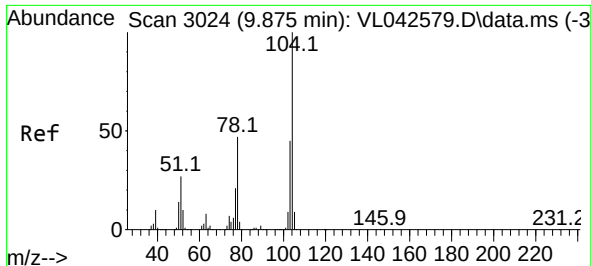
Tgt Ion: 91 Resp: 368739

Ion Ratio Lower Upper

91 100

106 44.5 22.9 68.5





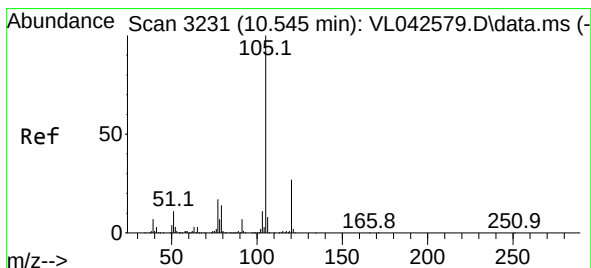
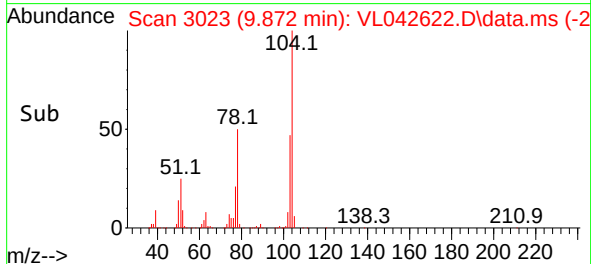
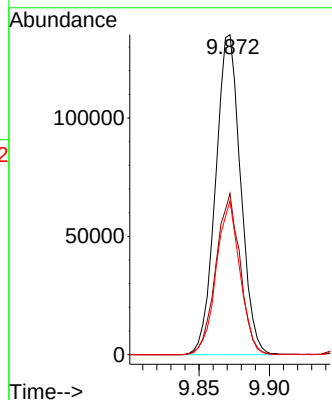
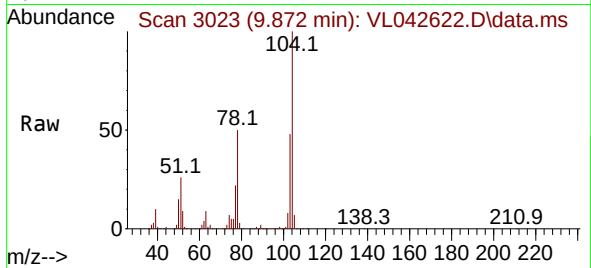
#61
Styrene
Concen: 10.130 ppbv
RT: 9.872 min Scan# 3024
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 167379
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.4
103 45.7 36.7 55.1

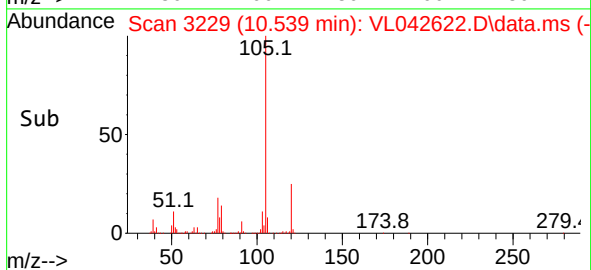
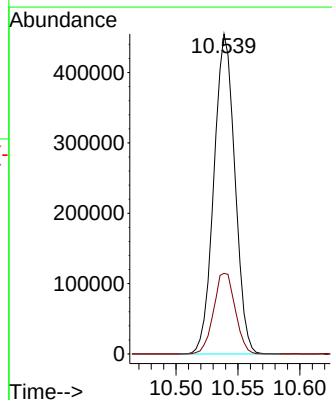
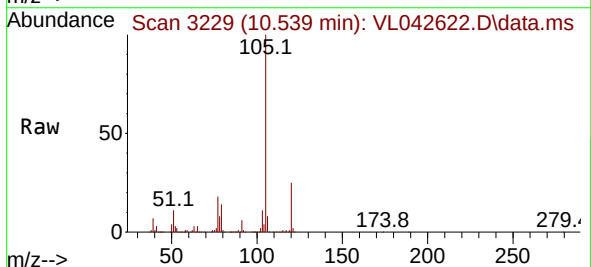
Manual Integrations
APPROVED

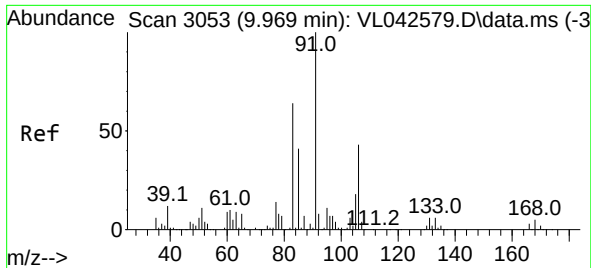
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#62
Isopropylbenzene
Concen: 10.405 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

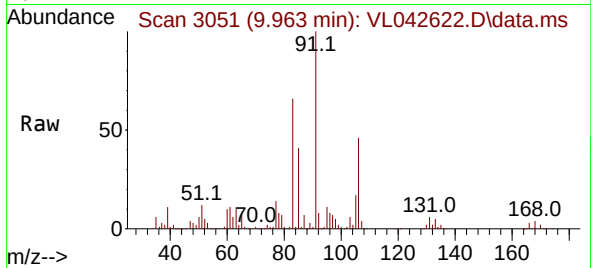
Tgt Ion:105 Resp: 537202
Ion Ratio Lower Upper
105 100
120 26.0 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 10.572 ppbv
RT: 9.963 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

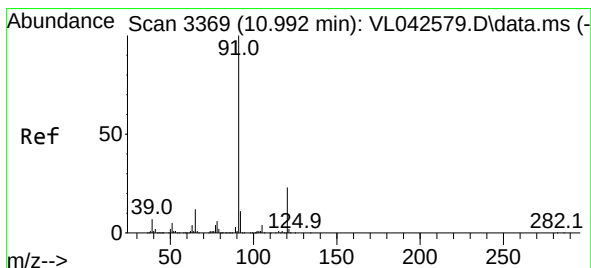
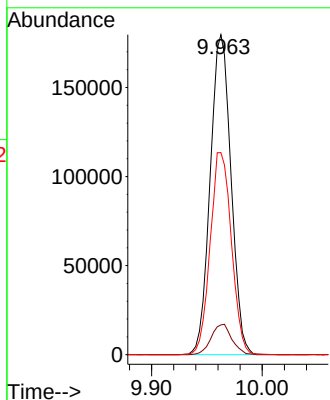
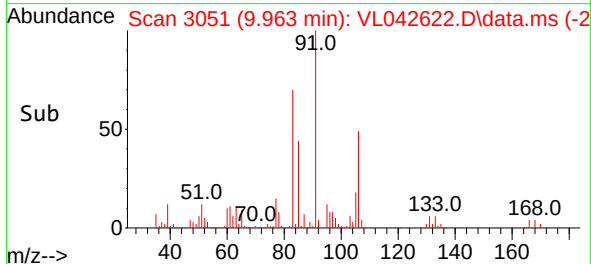
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



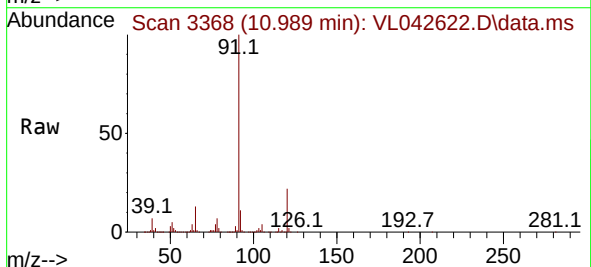
Tgt Ion: 83 Resp: 234954
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 64.4 32.5 97.4

Manual Integrations
APPROVED

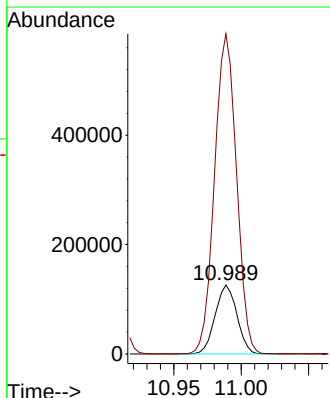
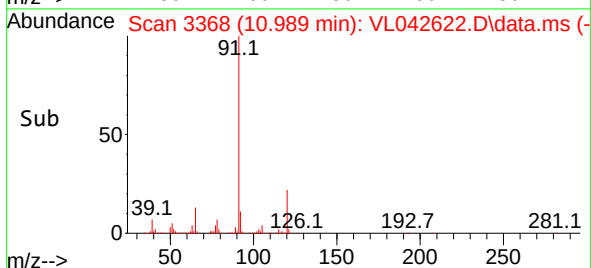
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

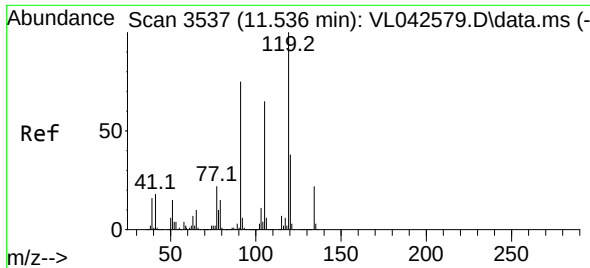


#64
n-propylbenzene
Concen: 10.210 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



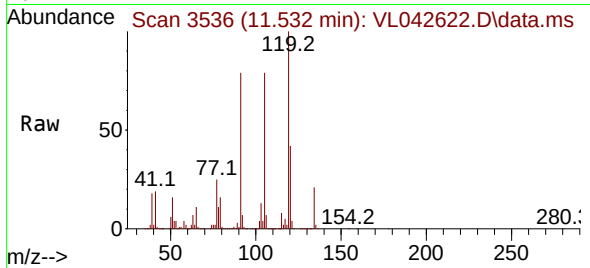
Tgt Ion:120 Resp: 141307
Ion Ratio Lower Upper
120 100
91 469.4 363.0 544.6





#65
tert-Butylbenzene
Concen: 10.024 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

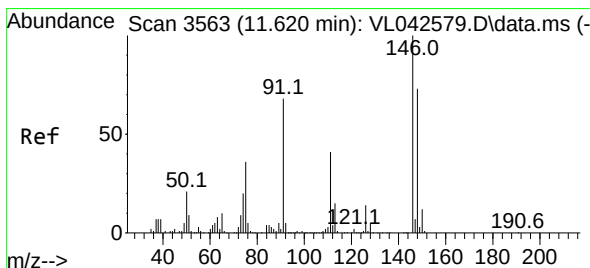
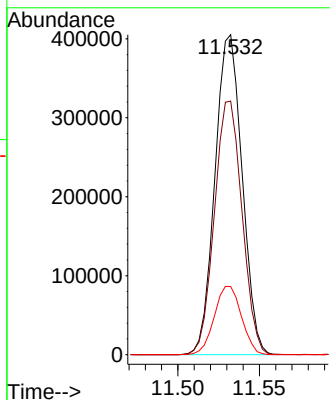
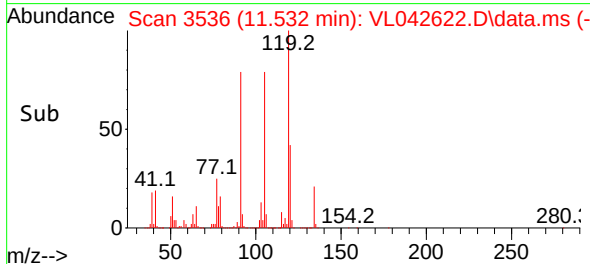
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



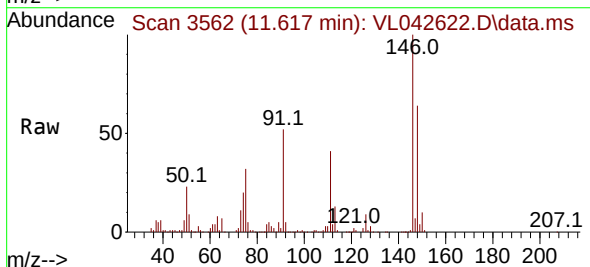
Tgt Ion: 119 Resp: 469685
Ion Ratio Lower Upper
119 100
91 80.6 61.1 91.7
134 21.3 17.4 26.2

Manual Integrations
APPROVED

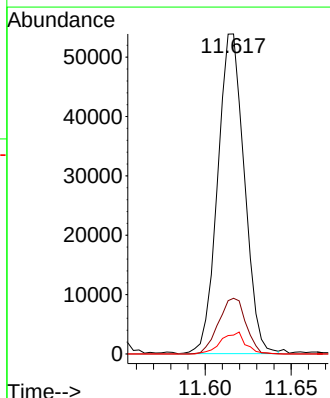
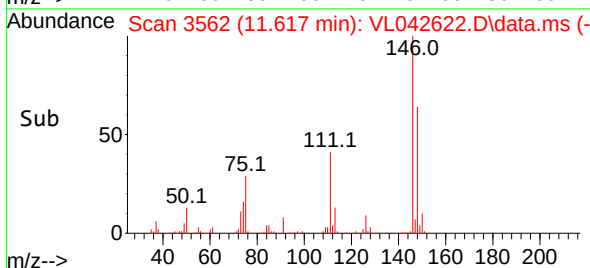
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

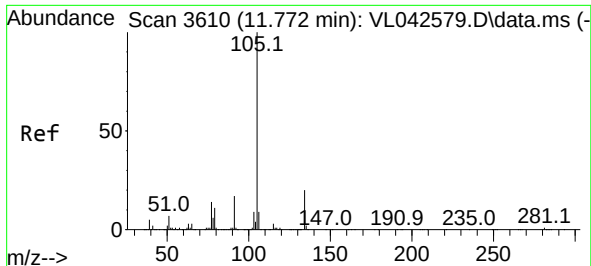


#66
Benzyl Chloride
Concen: 9.630 ppbv
RT: 11.617 min Scan# 3562
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



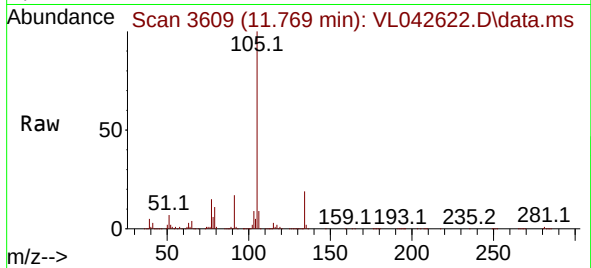
Tgt Ion: 91 Resp: 58077
Ion Ratio Lower Upper
91 100
126 17.8 15.1 22.7
128 6.3 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 10.172 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

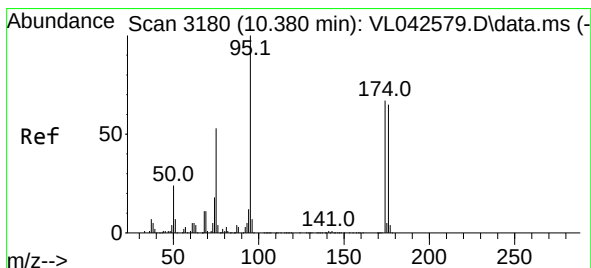
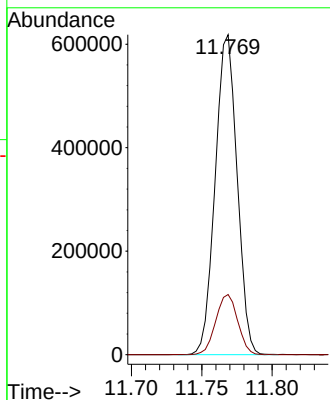
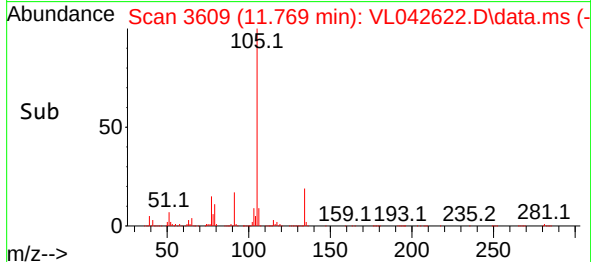
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



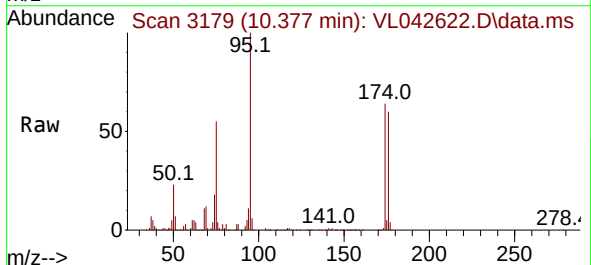
Tgt Ion:105 Resp: 670092
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.8 23.6

Manual Integrations
 APPROVED

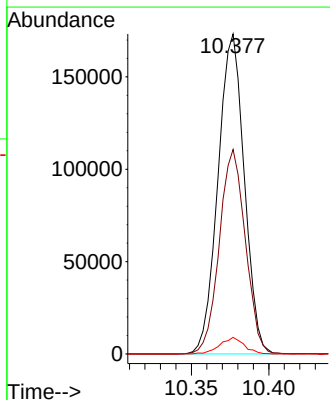
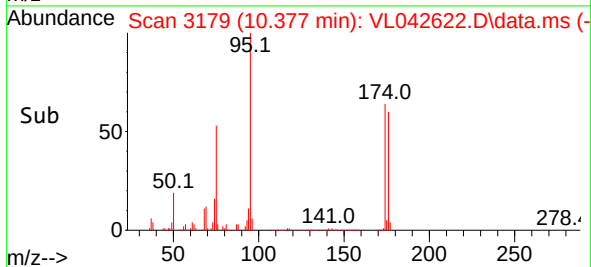
Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

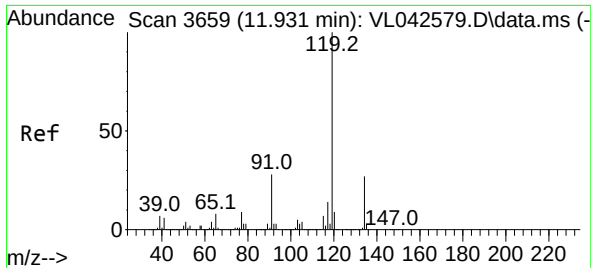


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.379 ppbv
 RT: 10.377 min Scan# 3179
 Delta R.T. -0.003 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54



Tgt Ion: 95 Resp: 204239
 Ion Ratio Lower Upper
 95 100
 174 63.5 53.1 79.7
 175 4.8 4.2 6.2





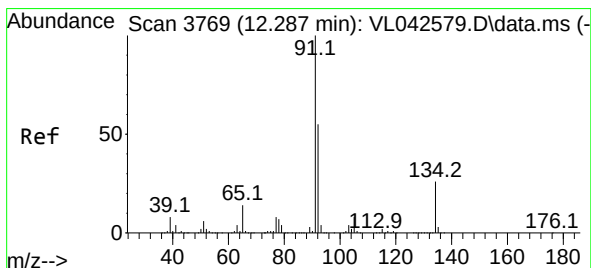
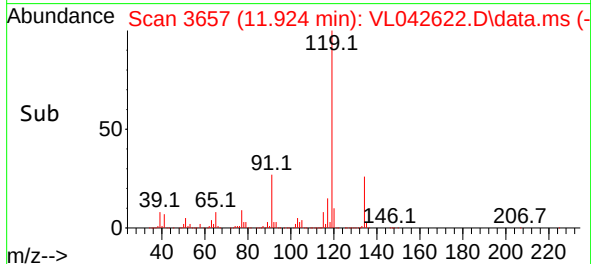
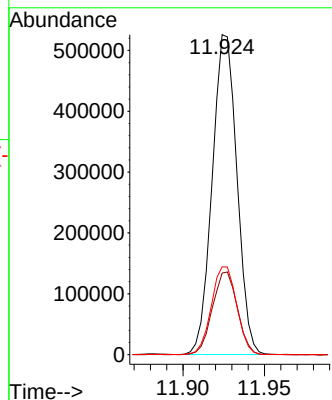
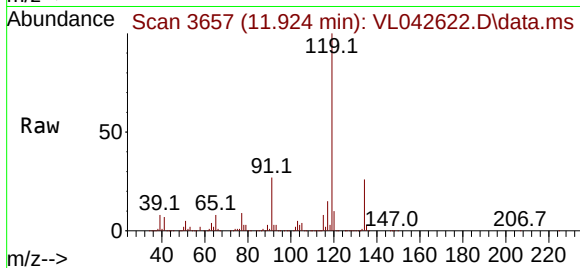
#69
p-Isopropyltoluene
Concen: 10.041 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 553909
Ion Ratio Lower Upper
119 100
134 26.2 21.1 31.7
91 28.4 21.9 32.9

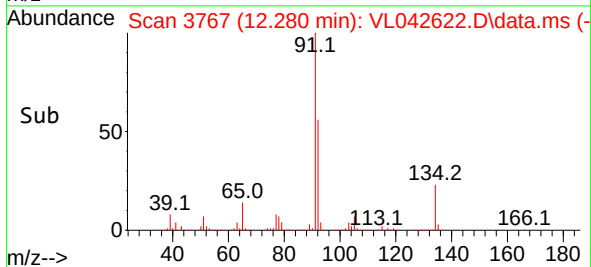
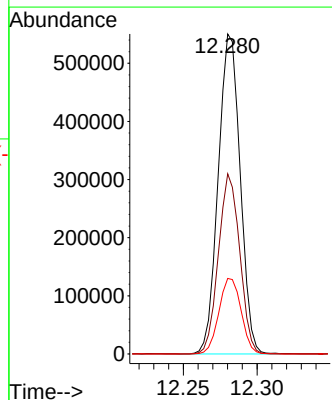
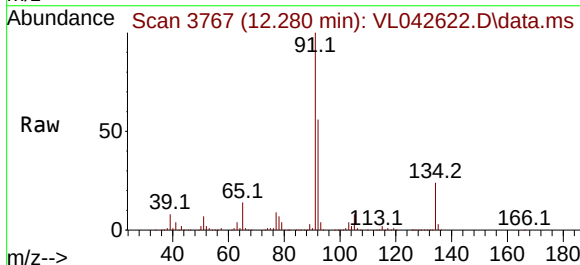
Manual Integrations
APPROVED

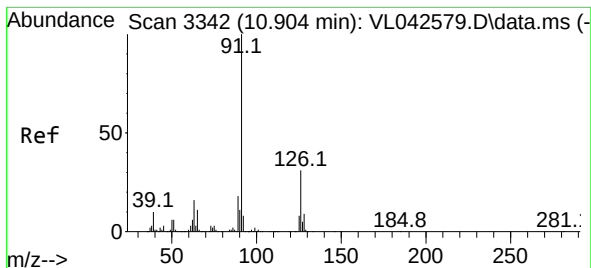
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#70
n-Butylbenzene
Concen: 10.478 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion: 91 Resp: 570539
Ion Ratio Lower Upper
91 100
92 54.6 44.4 66.6
134 23.9 20.1 30.1





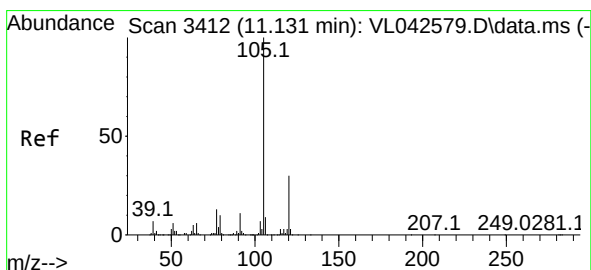
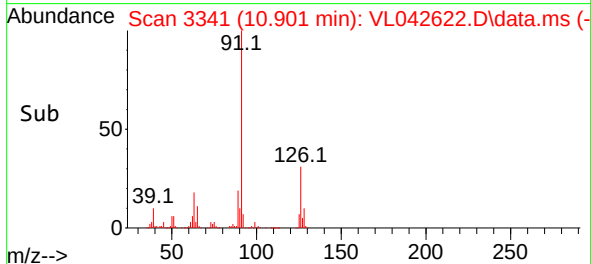
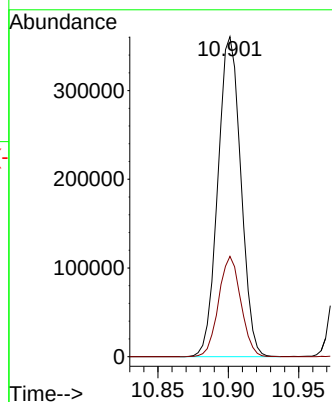
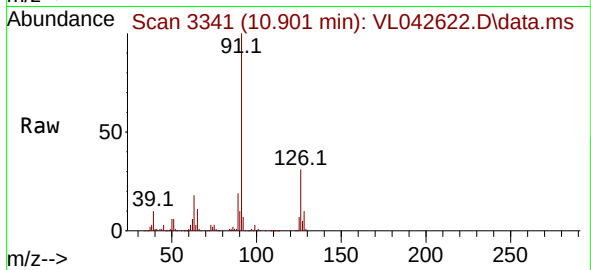
#71
2-Chlorotoluene
Concen: 10.423 ppbv
RT: 10.901 min Scan# 310
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 410500
Ion Ratio Lower Upper
91 100
126 30.3 12.6 50.4

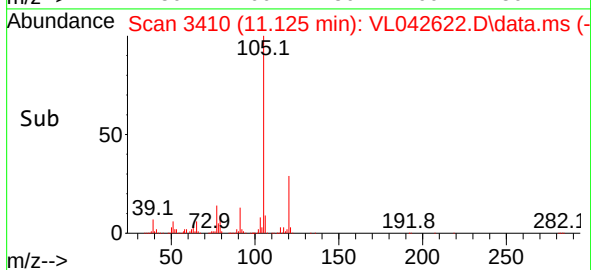
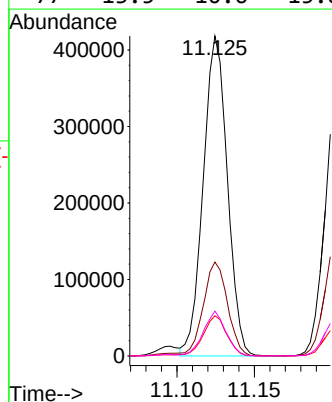
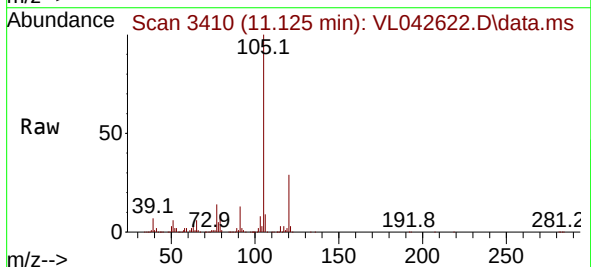
Manual Integrations
APPROVED

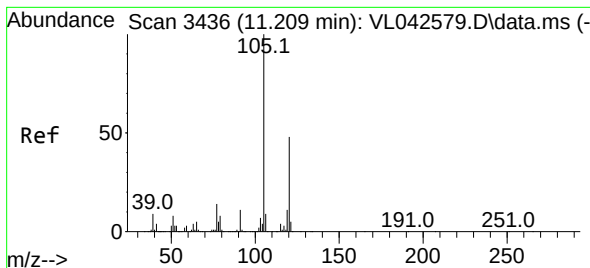
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#72
4-Ethyltoluene
Concen: 10.397 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:105 Resp: 453022
Ion Ratio Lower Upper
105 100
120 30.2 24.6 36.8
91 12.6 9.6 14.4
77 13.5 10.6 15.8





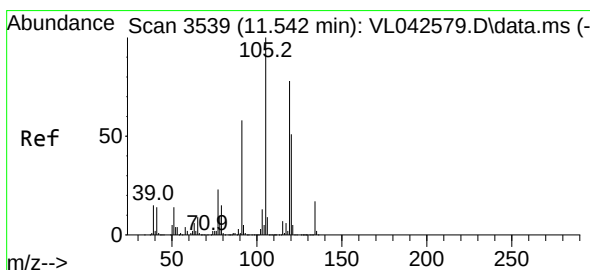
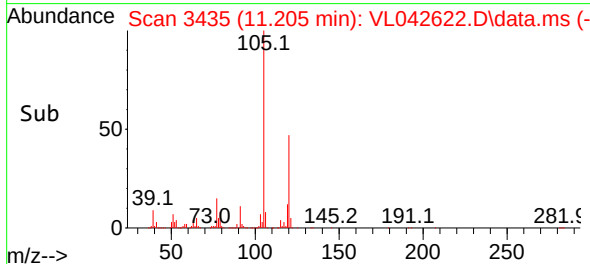
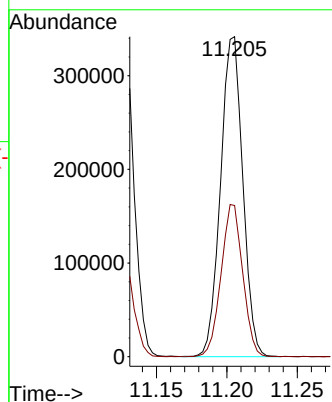
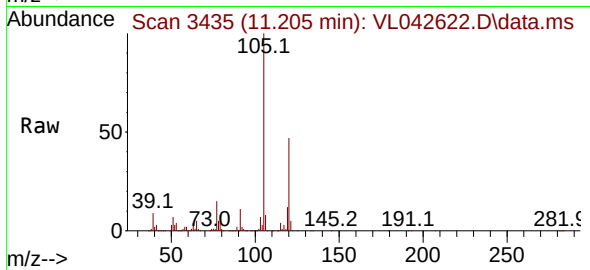
#73
1,3,5-Trimethylbenzene
Concen: 10.419 ppbv
RT: 11.205 min Scan# 3436
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 375730
Ion Ratio Lower Upper
105 100
120 47.2 38.8 58.2

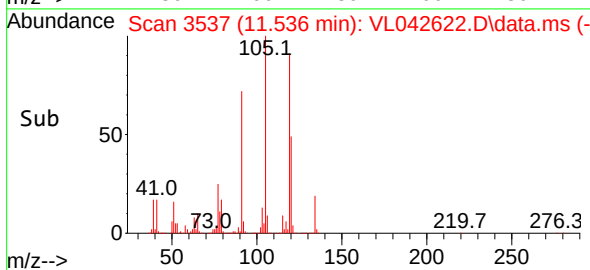
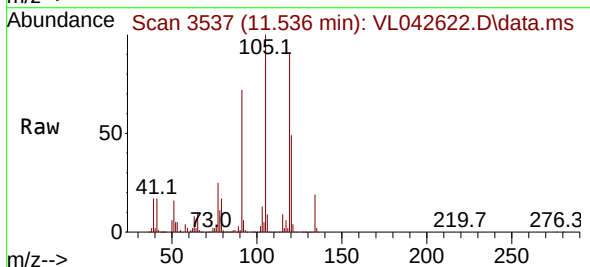
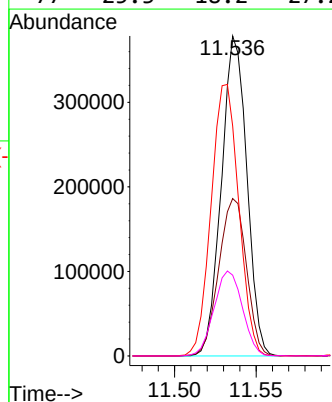
Manual Integrations
APPROVED

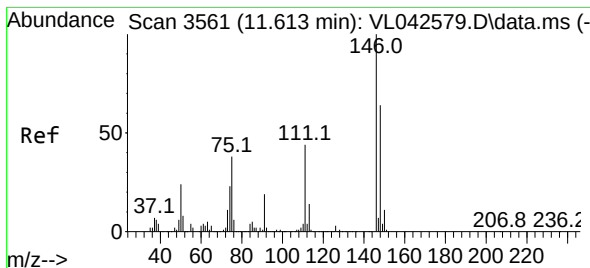
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#74
1,2,4-Trimethylbenzene
Concen: 10.253 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.006 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

Tgt Ion:105 Resp: 410308
Ion Ratio Lower Upper
105 100
120 49.2 40.8 61.2
91 71.8 46.8 70.2#
77 25.3 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 10.182 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. -0.006 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 255878

Ion Ratio Lower Upper

146 100

111 44.5 22.4 67.3

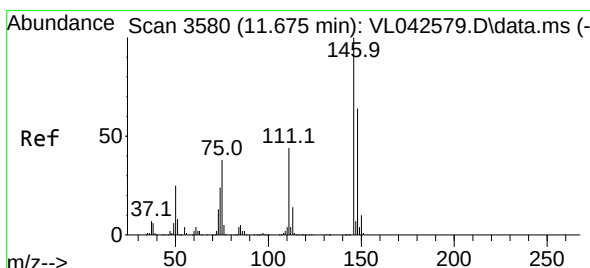
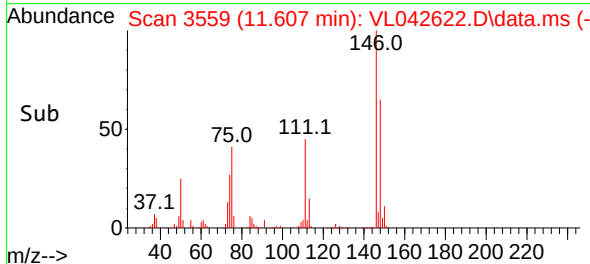
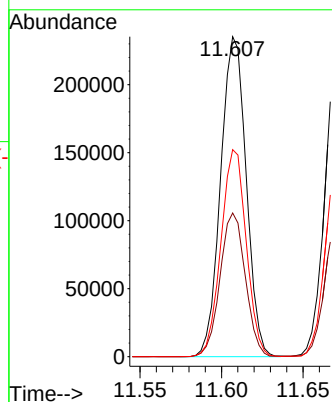
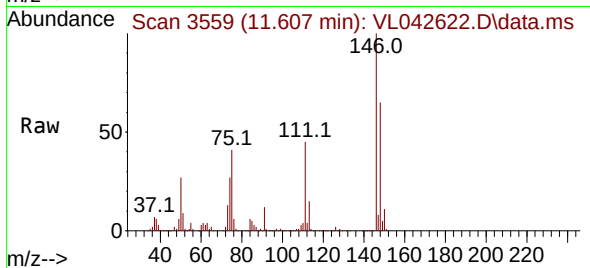
148 64.1 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025

Supervised By :Mahesh Dadoda 06/17/2025



#76

1,4-Dichlorobenzene

Concen: 10.228 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

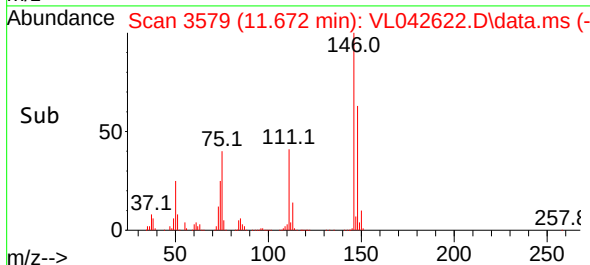
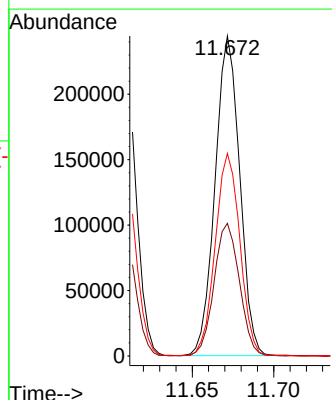
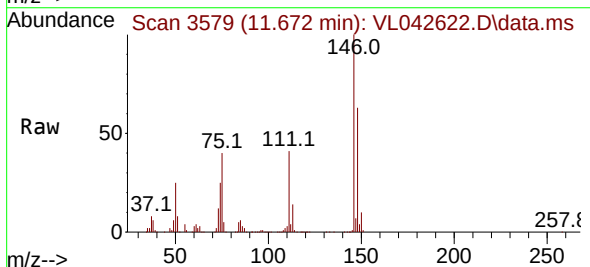
Tgt Ion:146 Resp: 256373

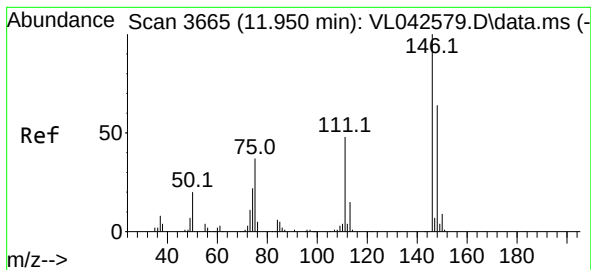
Ion Ratio Lower Upper

146 100

111 42.8 21.6 64.8

148 63.6 32.1 96.5





#77

1,2-Dichlorobenzene

Concen: 9.820 ppbv

RT: 11.947 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

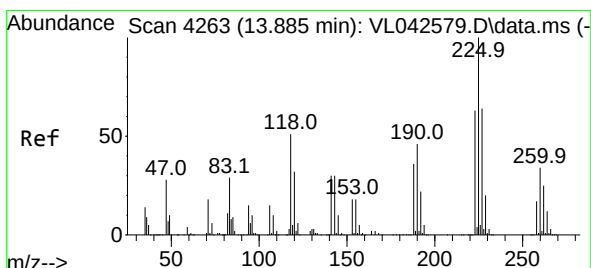
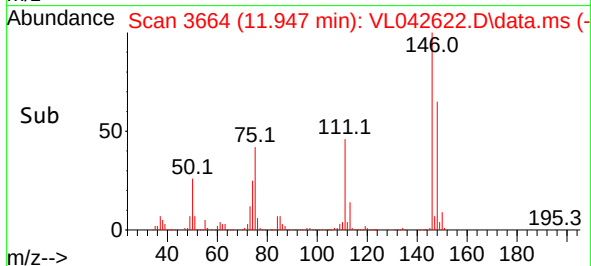
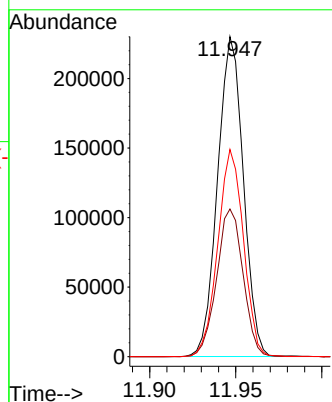
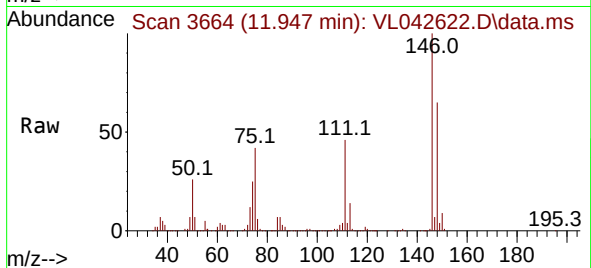
Tgt Ion:146 Resp: 23952

Ion	Ratio	Lower	Upper
146	100		
111	47.4	23.1	69.3
148	64.6	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025



#78

Hexachloro-1,3-Butadiene

Concen: 8.979 ppbv

RT: 13.882 min Scan# 4262

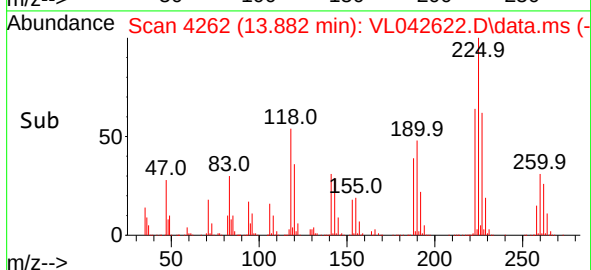
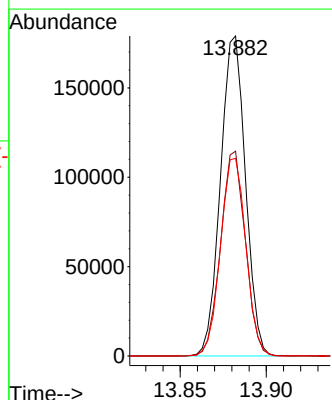
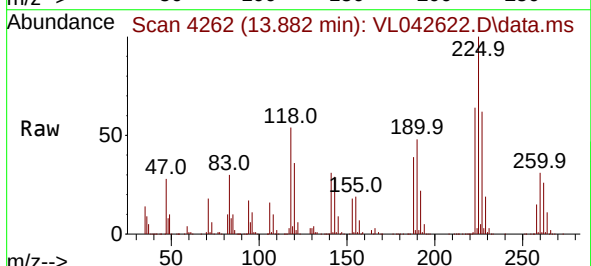
Delta R.T. -0.003 min

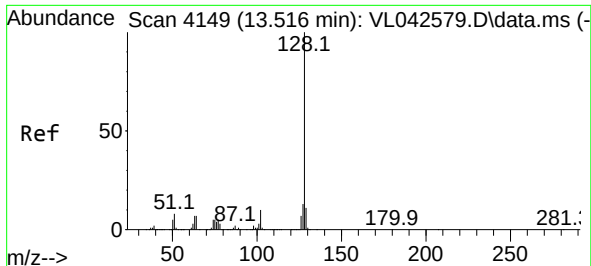
Lab File: VL042622.D

Acq: 16 Jun 2025 08:54

Tgt Ion:225 Resp: 181205

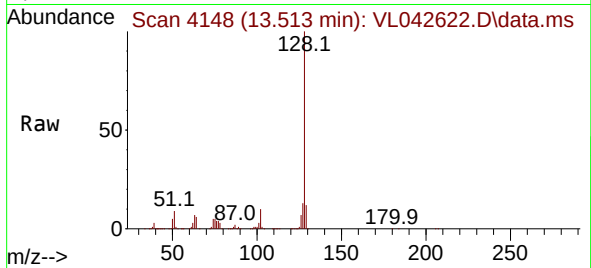
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.2	75.4
227	62.7	51.1	76.7





#79
Naphthalene
Concen: 10.728 ppbv
RT: 13.513 min Scan# 4149
Delta R.T. -0.003 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54

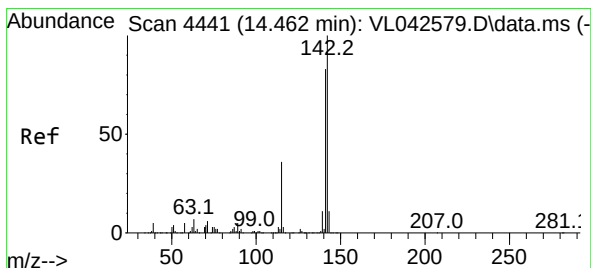
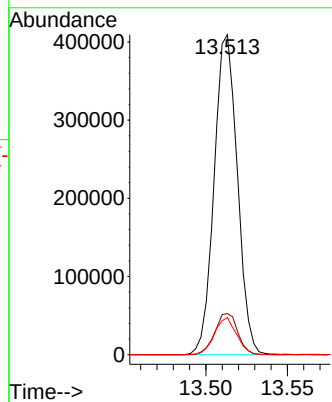
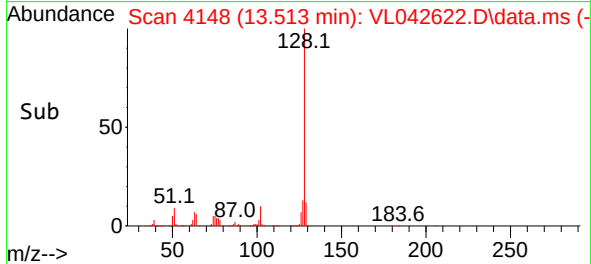
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



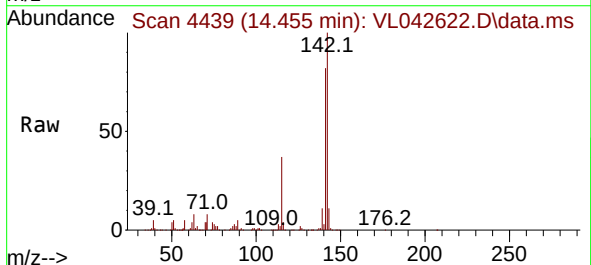
Tgt Ion:128 Resp: 404699
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.6 8.8 13.2

Manual Integrations
APPROVED

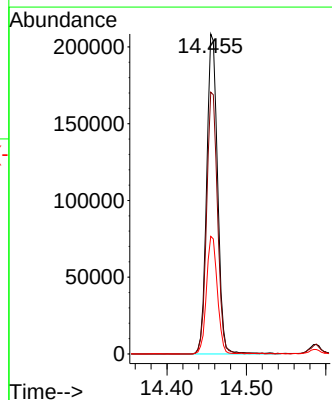
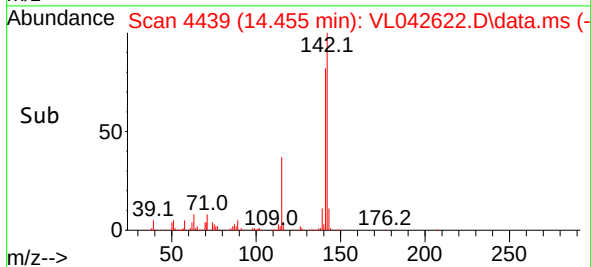
Reviewed By :Semsettin Yesilyurt 06/17/2025
Supervised By :Mahesh Dadoda 06/17/2025

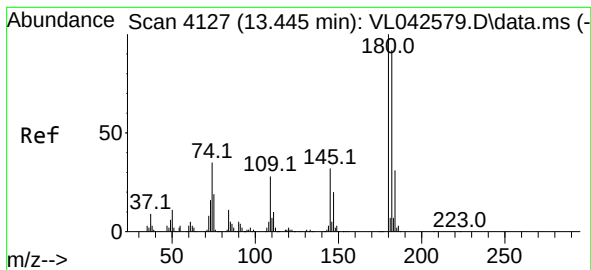


#80
Naphthalene,2-methyl-
Concen: 11.702 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. -0.007 min
Lab File: VL042622.D
Acq: 16 Jun 2025 08:54



Tgt Ion:142 Resp: 199431
Ion Ratio Lower Upper
142 100
141 82.6 66.2 99.4
115 37.1 28.3 42.5





#81
 1,2,4-Trichlorobenzene
 Concen: 9.932 ppbv
 RT: 13.439 min Scan# 4125
 Delta R.T. -0.006 min
 Lab File: VL042622.D
 Acq: 16 Jun 2025 08:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 20915
 Ion Ratio Lower Upper
 180 100
 182 96.5 75.0 112.4
 184 30.2 24.6 36.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/17/2025
 Supervised By :Mahesh Dadoda 06/17/2025

