

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042951.D
 Acq On : 22 Sep 2025 10:14
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Sep 23 02:09:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 23 02:07:33 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

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

Internal Standards						
1) Bromochloromethane	2.787	49	170758	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	524389	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	483821	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.374	95	361586	10.012	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.499	85	47851	2.083	ppbv	97
3) Chlorodifluoromethane	1.476	51	58395	2.040	ppbv	95
4) Chloromethane	1.534	50	21326	2.051	ppbv	99
5) Vinyl Chloride	1.580	62	17892	1.904	ppbv	98
6) Bromomethane	1.667	94	6816	2.056	ppbv	96
7) Chloroethane	1.706	64	7250	1.987	ppbv #	85
8) Dichlorotetrafluoroethane	1.554	85	40306	2.056	ppbv	98
9) Propene	1.483	41	26007	2.088	ppbv	99
10) Heptane	4.978	43	66978	2.005	ppbv	99
11) Trichlorofluoromethane	1.877	101	45973	2.076	ppbv	94
12) 1,1,2-Trichlorotrifluo...	2.140	101	36490	2.035	ppbv	98
13) Ethanol	1.722	45	2989	2.504	ppbv	93
14) Bromoethene	1.784	108	14189	2.093	ppbv #	96
15) Acetone	1.835	43	50357	2.264	ppbv	99
16) 1,3-Butadiene	1.609	39	20729	1.976	ppbv	94
17) tert-Butyl alcohol	2.042	59	47749	1.957	ppbv #	93
18) 1,1-Dichloroethene	2.036	96	16572	1.996	ppbv	95
19) Isopropyl Alcohol	1.887	45	27930	2.089	ppbv #	79
20) Methylene Chloride	2.062	84	17413	2.097	ppbv #	84
21) Allyl Chloride	2.098	41	32985	2.130	ppbv	99
22) trans-1,2-Dichloroethene	2.340	96	18991	2.013	ppbv	98
23) Vinyl Acetate	2.463	43	64479	2.029	ppbv #	98
24) 1,1-Dichloroethane	2.408	63	37865	2.047	ppbv	99
25) Ethyl Acetate	2.835	43	117567	2.092	ppbv	99
26) Hexane	2.826	57	53034	2.070	ppbv	98
27) Carbon Disulfide	2.153	76	47660	2.074	ppbv #	60
28) Methyl tert-Butyl Ether	2.441	73	25348	1.903	ppbv	92
29) Chloroform	2.848	83	69599	2.077	ppbv	96
30) Cyclohexane	3.855	84	43725	2.041	ppbv	99
31) cis-1,2-Dichloroethene	2.719	61	50019	2.084	ppbv	95
32) 1,1,1-Trichloroethane	3.366	97	70729	1.948	ppbv	97
34) 2-Butanone	2.557	43	77689	2.114	ppbv	98
35) Carbon Tetrachloride	3.761	117	68858	2.041	ppbv	95
36) Benzene	3.658	78	101901	2.069	ppbv	97
37) 1,2-Dichloroethane	3.217	62	53130	2.052	ppbv	98
38) Trichloroethene	4.548	130	47424	1.938	ppbv	94
39) 1,2-Dichloropropane	4.308	63	37381m	2.078	ppbv	
40) 1,4-Dioxane	4.586	88	17074m	2.044	ppbv	
41) Tetrahydrofuran	3.056	42	43962	2.081	ppbv	98
42) Bromodichloromethane	4.486	83	73675	2.042	ppbv	98
43) Methyl Methacrylate	4.881	69	41527	2.077	ppbv	99
44) 2,2,4-Trimethylpentane	4.638	57	177242	2.083	ppbv	99
45) t-1,3-Dichloropropene	6.415	75	44171	2.055	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042951.D
 Acq On : 22 Sep 2025 10:14
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 02:09:14 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M

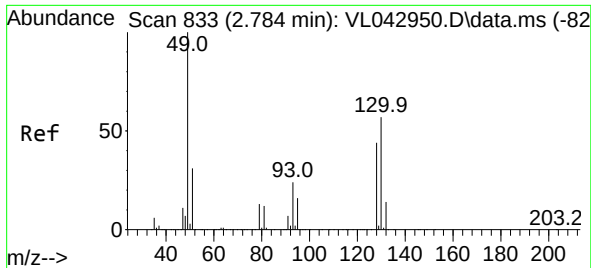
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 23 02:07:33 2025

Response via : Initial Calibration

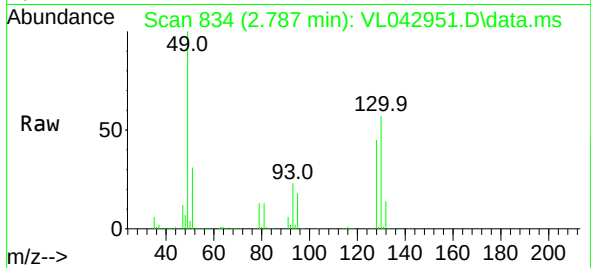
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.596	75	56335	2.057	ppbv	97
47) 1,1,2-Trichloroethane	6.577	97	38961m	2.050	ppbv	
48) Dibromochloromethane	7.383	129	62968	2.072	ppbv	98
49) Bromoform	9.480	173	56021	2.119	ppbv	99
50) 4-Methyl-2-Pentanone	5.755	43	103605m	2.098	ppbv	
51) 2-Hexanone	7.438	43	80620	2.053	ppbv	99
52) Tetrachloroethene	8.224	164	36853	1.934	ppbv	94
53) Toluene	6.933	91	121268	2.081	ppbv	100
54) 1,2-Dibromoethane	7.652	107	55022	2.058	ppbv	94
56) 1,1,1,2-Tetrachloroethane	8.920	131	48901	2.112	ppbv	98
57) Chlorobenzene	8.924	112	91325	2.068	ppbv	94
58) Ethyl Benzene	9.354	91	168063	2.115	ppbv	99
59) m/p-Xylene	9.532	91	263362m	4.202	ppbv	
60) o-Xylene	9.963	91	131507	2.101	ppbv	98
61) Styrene	9.869	104	62748	2.119	ppbv	98
62) Isopropylbenzene	10.539	105	196198	2.103	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	65089	1.978	ppbv	98
64) n-propylbenzene	10.985	120	50569	2.074	ppbv	93
65) tert-Butylbenzene	11.529	119	178218	2.147	ppbv	98
66) Benzyl Chloride	11.613	91	18992	2.181	ppbv	98
67) sec-Butylbenzene	11.765	105	249510	2.158	ppbv	100
69) p-Isopropyltoluene	11.924	119	210808	2.158	ppbv	97
70) n-Butylbenzene	12.280	91	206691	2.167	ppbv	100
71) 2-Chlorotoluene	10.898	91	147901	2.099	ppbv	100
72) 4-Ethyltoluene	11.124	105	164770	2.102	ppbv	99
73) 1,3,5-Trimethylbenzene	11.202	105	135344	2.128	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	150772	2.147	ppbv	98
75) 1,3-Dichlorobenzene	11.607	146	92487	2.124	ppbv	98
76) 1,4-Dichlorobenzene	11.671	146	92794	2.145	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	88825	2.144	ppbv	100
78) Hexachloro-1,3-Butadiene	13.879	225	70481	2.175	ppbv	99
79) Naphthalene	13.510	128	142653	2.297	ppbv	98
80) Naphthalene,2-methyl-	14.458	142	41369	2.157	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	75139	2.263	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

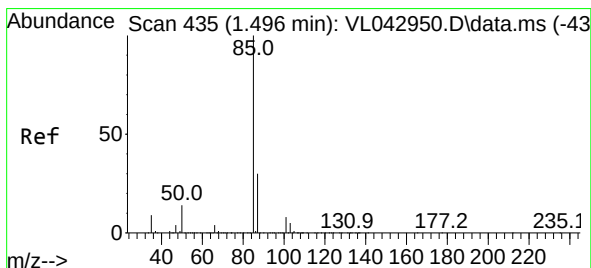
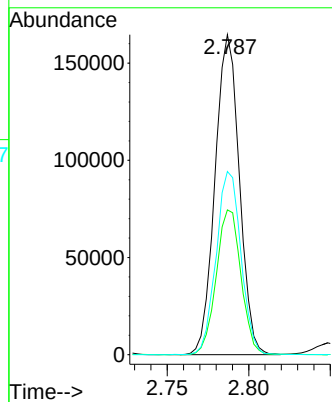
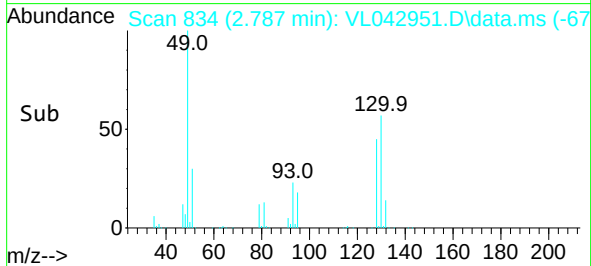
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



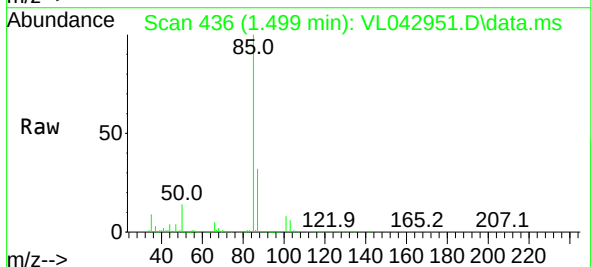
Tgt Ion: 49 Resp: 170758
Ion Ratio Lower Upper
49 100
128 46.1 22.9 68.8
130 58.5 29.1 87.3

Manual Integrations
APPROVED

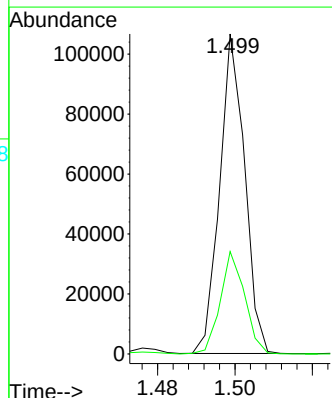
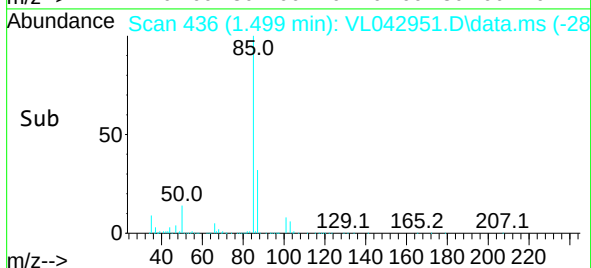
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

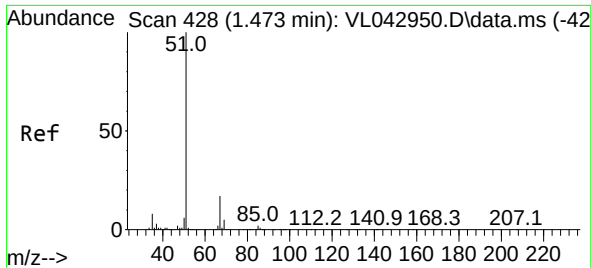


#2
Dichlorodifluoromethane
Concen: 2.083 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



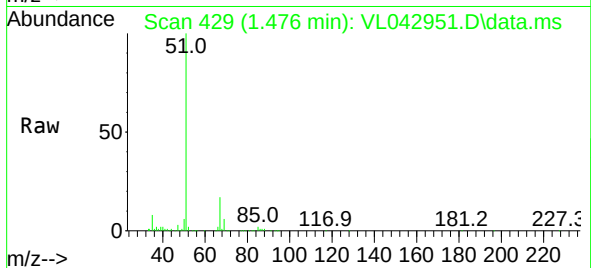
Tgt Ion: 85 Resp: 47851
Ion Ratio Lower Upper
85 100
87 32.0 24.3 36.5





#3
Chlorodifluoromethane
Concen: 2.040 ppbv
RT: 1.476 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

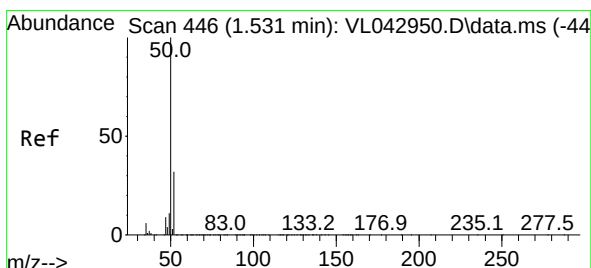
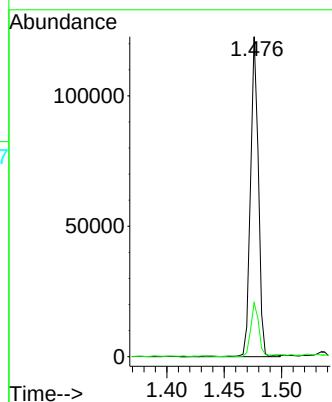
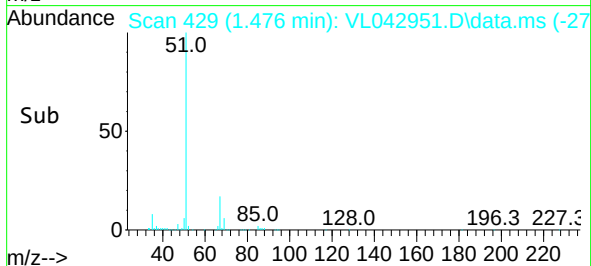
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



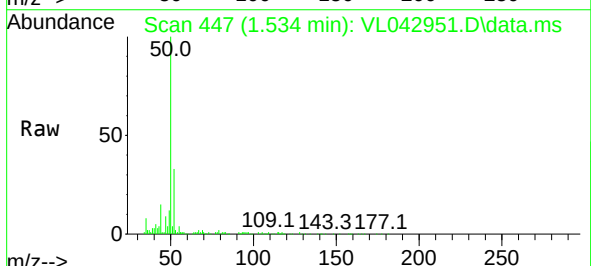
Tgt Ion: 51 Resp: 5839
Ion Ratio Lower Upper
51 100
67 19.4 13.8 20.8

Manual Integrations
APPROVED

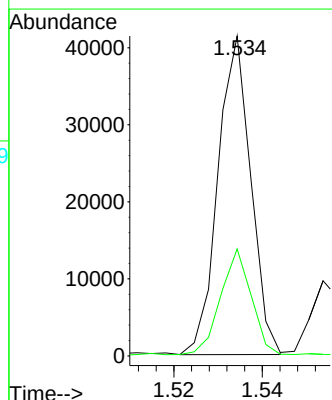
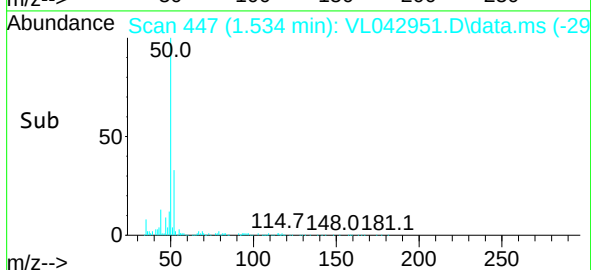
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

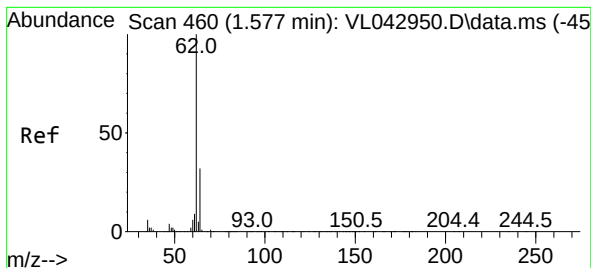


#4
Chloromethane
Concen: 2.051 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion: 50 Resp: 21326
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9





#5

Vinyl Chloride

Concen: 1.904 ppbv

RT: 1.580 min Scan# 461

Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 62 Resp: 1789

Ion Ratio Lower Upper

62 100

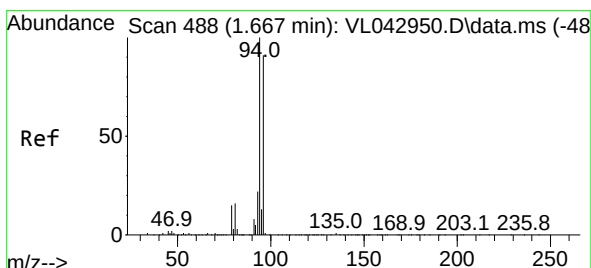
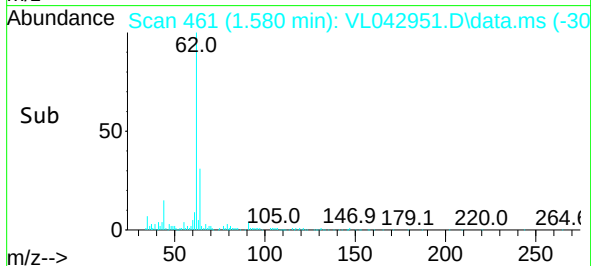
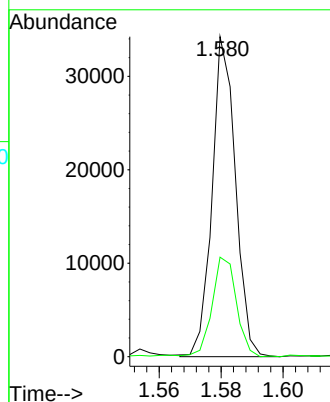
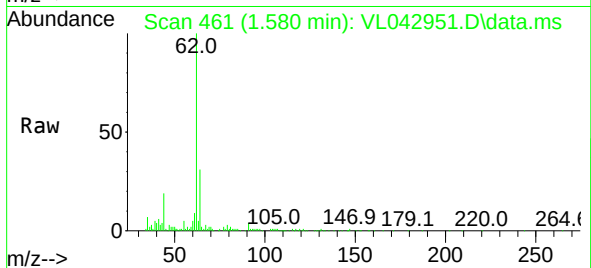
64 30.8 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#6

Bromomethane

Concen: 2.056 ppbv

RT: 1.667 min Scan# 488

Delta R.T. -0.000 min

Lab File: VL042951.D

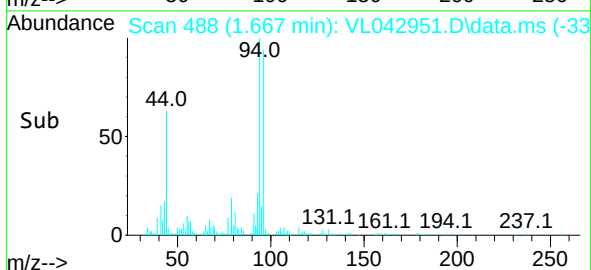
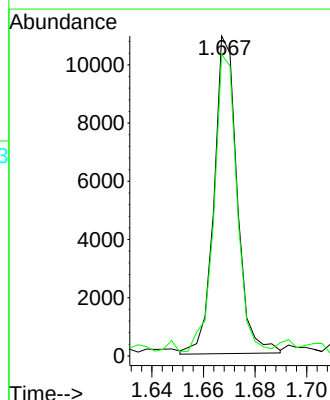
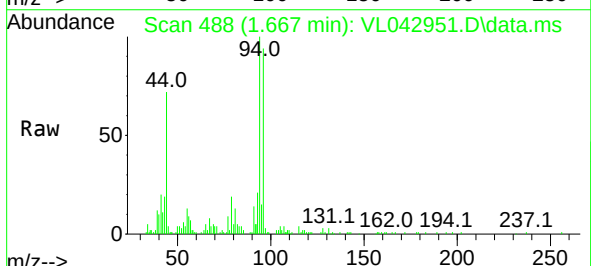
Acq: 22 Sep 2025 10:14

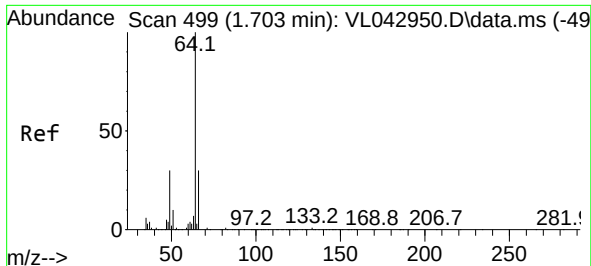
Tgt Ion: 94 Resp: 6816

Ion Ratio Lower Upper

94 100

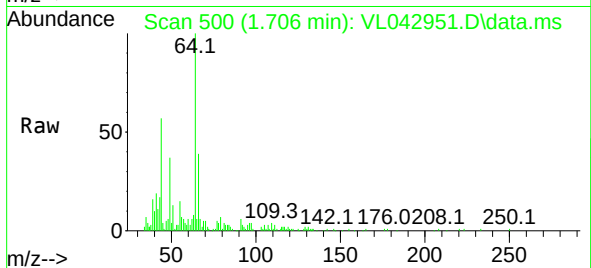
96 94.4 72.6 108.8





#7
Chloroethane
Concen: 1.987 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

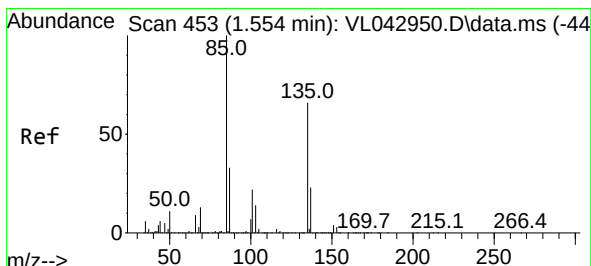
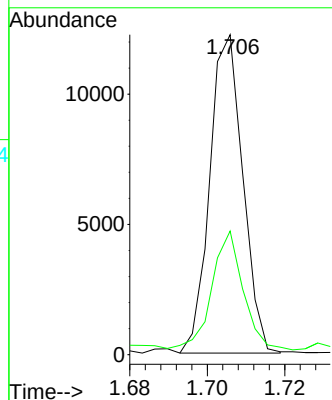
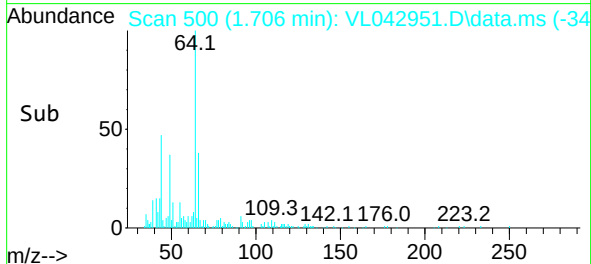
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



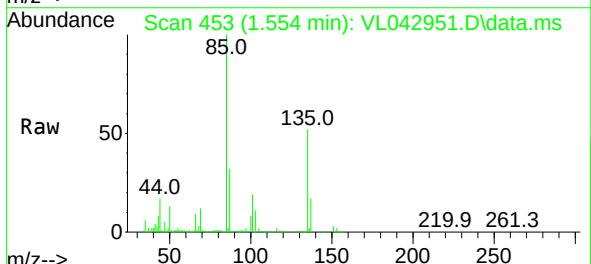
Tgt Ion: 64 Resp: 7250
Ion Ratio Lower Upper
64 100
66 38.7 24.6 36.8

Manual Integrations
APPROVED

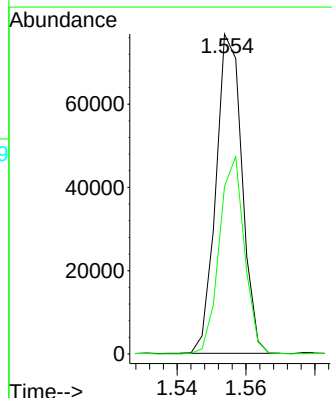
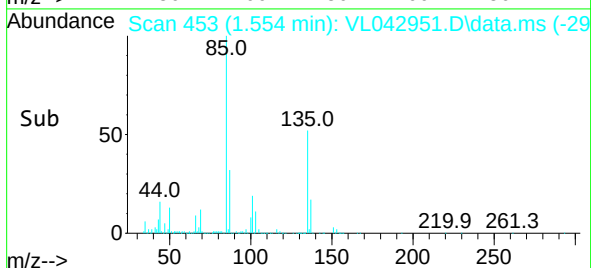
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

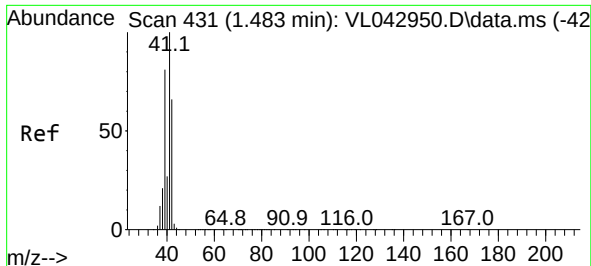


#8
Dichlorotetrafluoroethane
Concen: 2.056 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



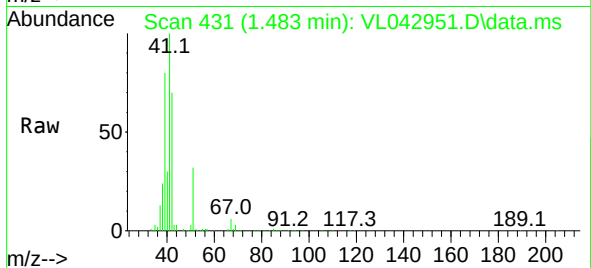
Tgt Ion: 85 Resp: 40306
Ion Ratio Lower Upper
85 100
135 60.2 49.7 74.5





#9
Propene
Concen: 2.088 ppbv
RT: 1.483 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

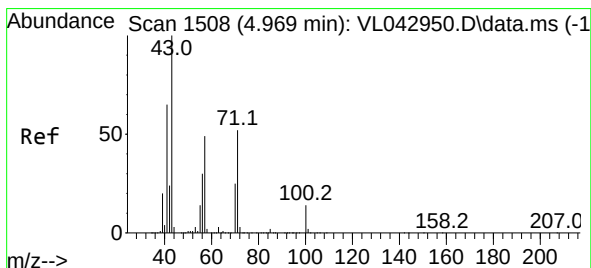
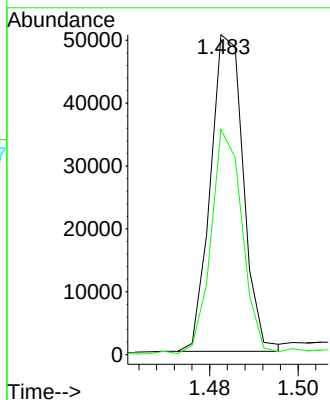
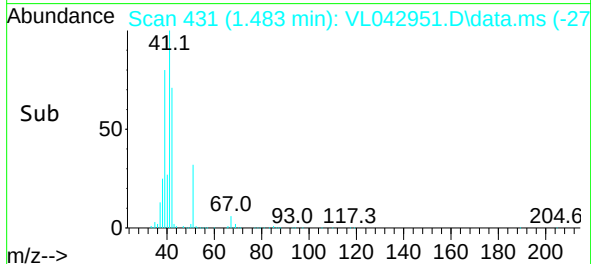
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



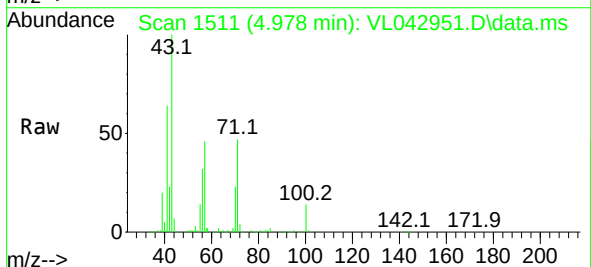
Tgt Ion: 41 Resp: 2600
Ion Ratio Lower Upper
41 100
42 72.4 57.4 86.2

Manual Integrations
APPROVED

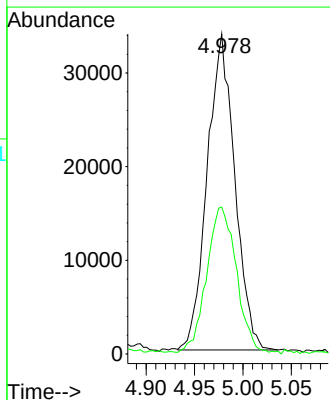
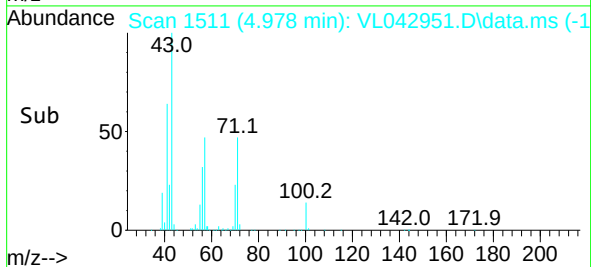
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

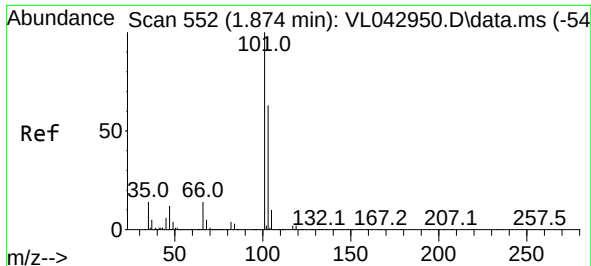


#10
Heptane
Concen: 2.005 ppbv
RT: 4.978 min Scan# 1511
Delta R.T. 0.010 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



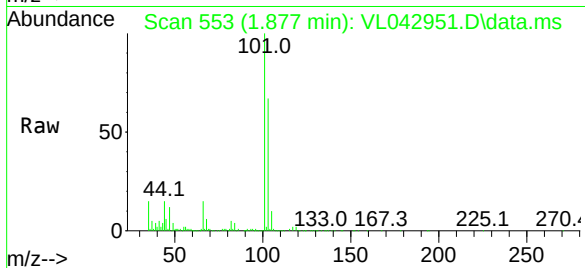
Tgt Ion: 43 Resp: 66978
Ion Ratio Lower Upper
43 100
57 49.1 38.6 57.8





#11
 Trichlorofluoromethane
 Concen: 2.076 ppbv
 RT: 1.877 min Scan# 511
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

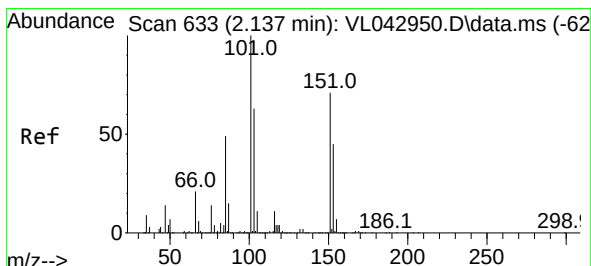
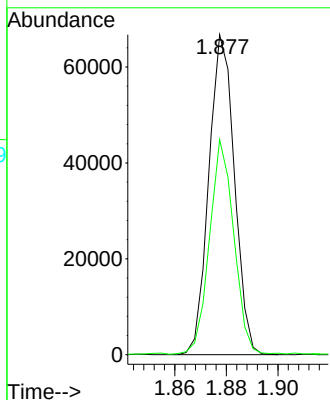
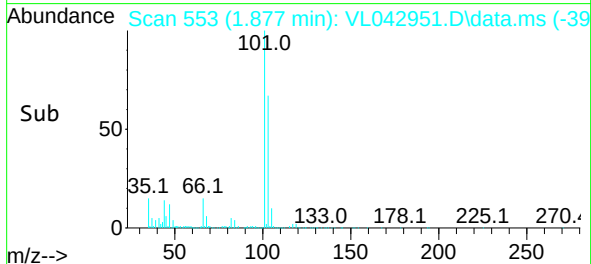
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



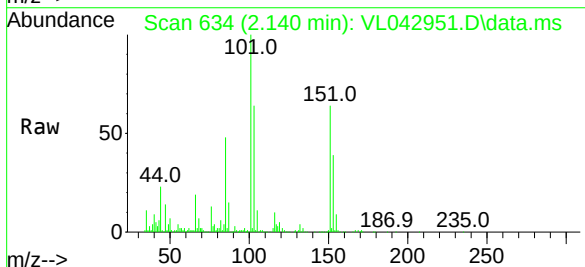
Tgt Ion:101 Resp: 45973
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.1 75.1

Manual Integrations
 APPROVED

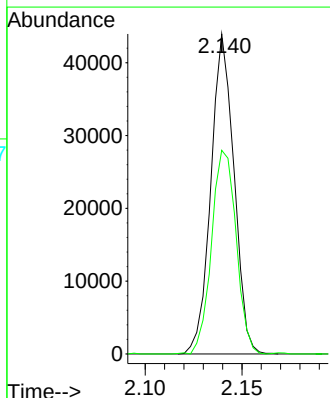
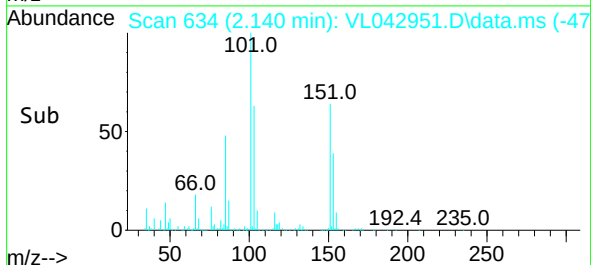
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

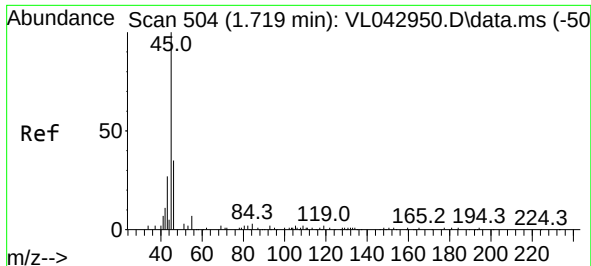


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.035 ppbv
 RT: 2.140 min Scan# 634
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14



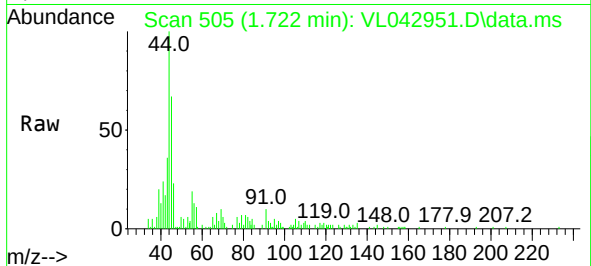
Tgt Ion:101 Resp: 36490
 Ion Ratio Lower Upper
 101 100
 151 67.9 55.7 83.5





#13
Ethanol
Concen: 2.504 ppbv
RT: 1.722 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

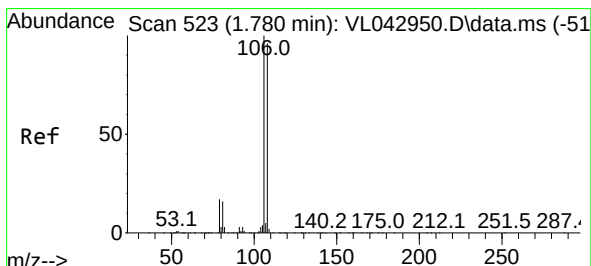
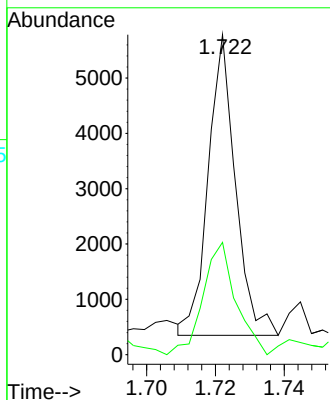
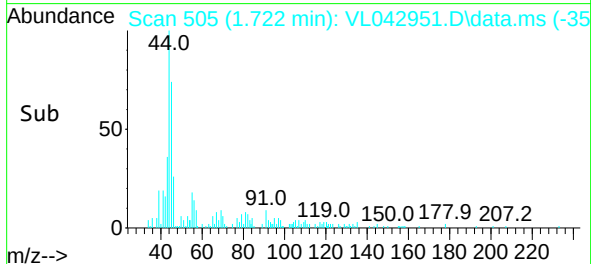
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



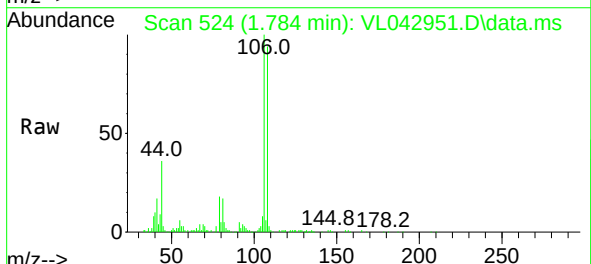
Tgt Ion: 45 Resp: 2989
Ion Ratio Lower Upper
45 100
46 36.0 16.2 64.6

Manual Integrations
APPROVED

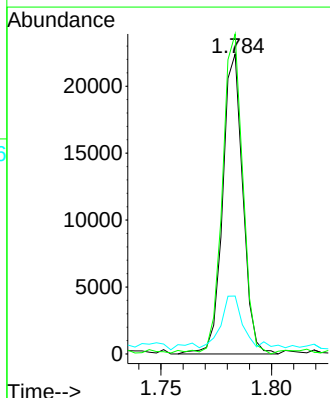
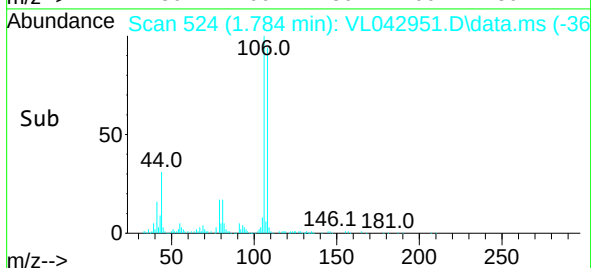
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

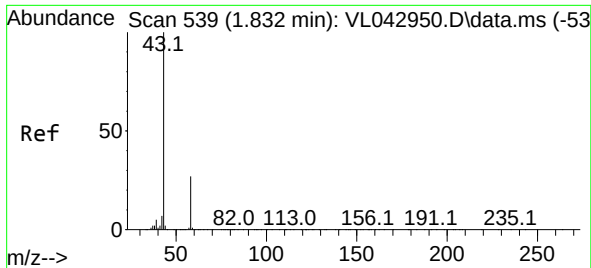


#14
Bromoethene
Concen: 2.093 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



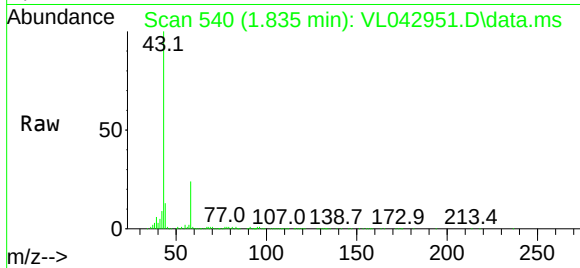
Tgt Ion:108 Resp: 14189
Ion Ratio Lower Upper
108 100
106 109.5 86.0 129.0
79 26.5 14.2 21.2





#15
Acetone
Concen: 2.264 ppbv
RT: 1.835 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

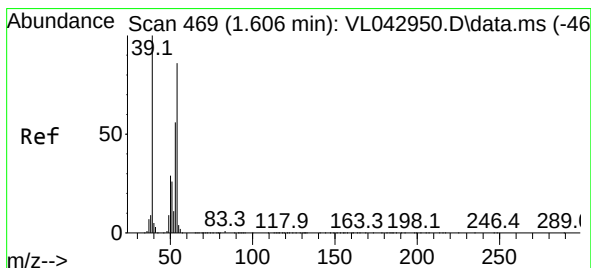
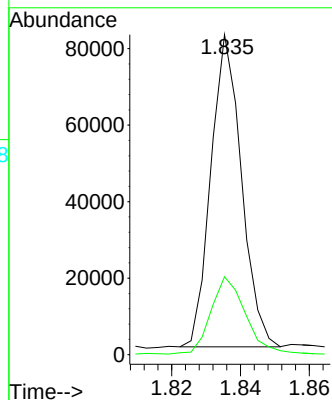
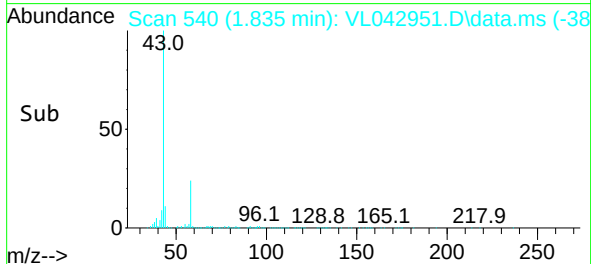
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



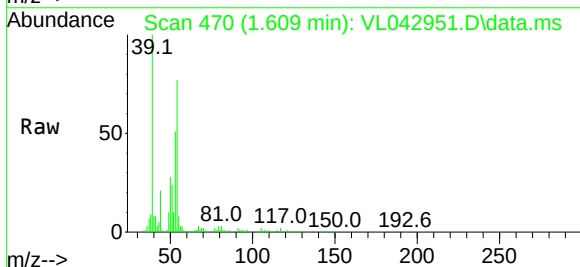
Tgt Ion: 43 Resp: 5035
Ion Ratio Lower Upper
43 100
58 28.5 22.3 33.5

Manual Integrations
APPROVED

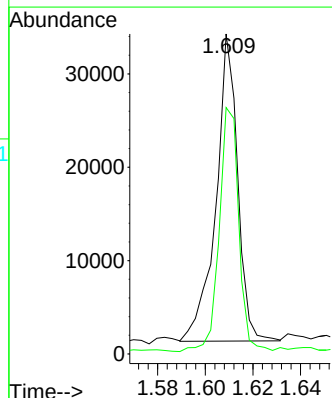
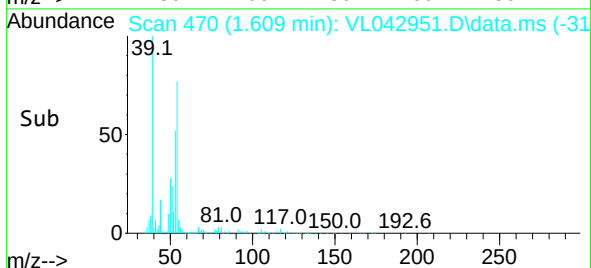
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

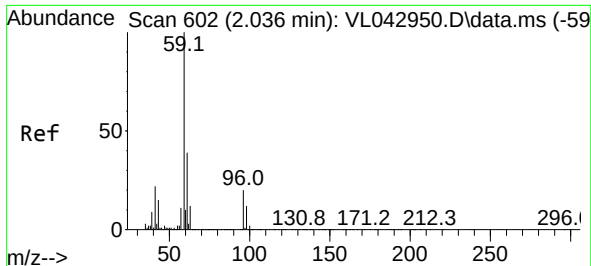


#16
1,3-Butadiene
Concen: 1.976 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion: 39 Resp: 20729
Ion Ratio Lower Upper
39 100
54 80.8 60.8 91.2





#17

tert-Butyl alcohol

Concen: 1.957 ppbv

RT: 2.042 min Scan# 604

Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 59 Resp: 47749

Ion Ratio Lower Upper

59 100

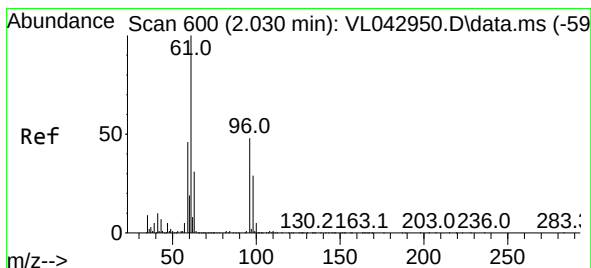
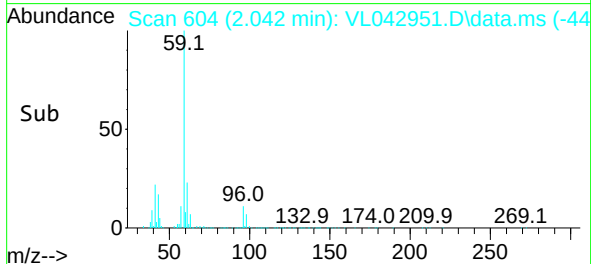
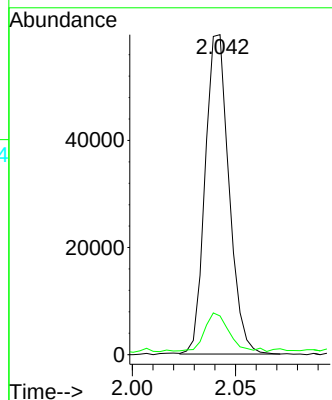
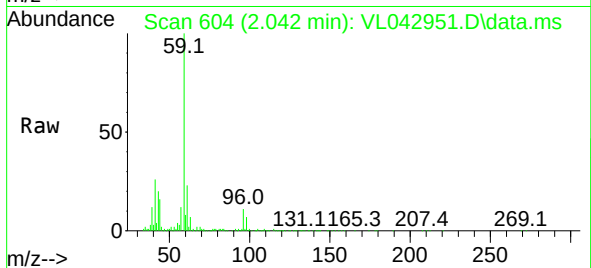
57 13.4 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#18

1,1-Dichloroethene

Concen: 1.996 ppbv

RT: 2.036 min Scan# 602

Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

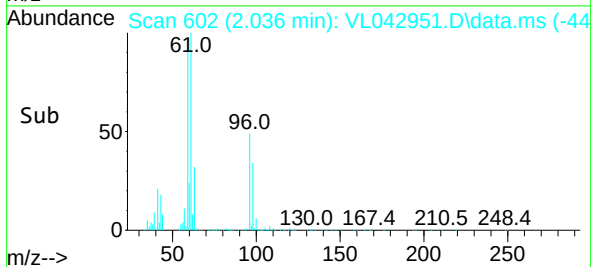
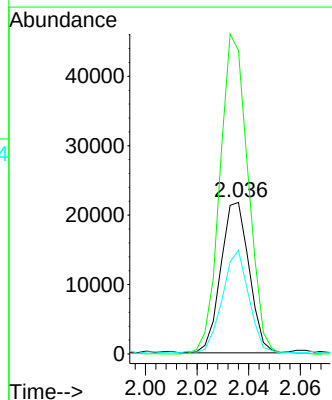
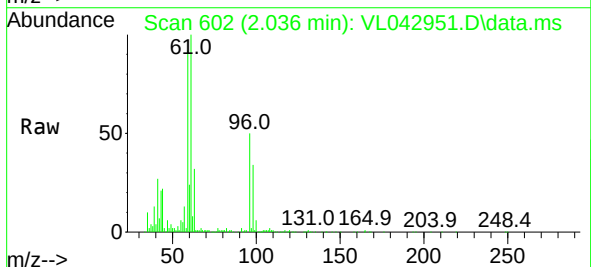
Tgt Ion: 96 Resp: 16572

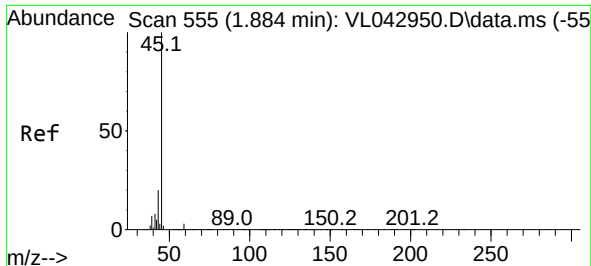
Ion Ratio Lower Upper

96 100

61 201.8 166.2 249.4

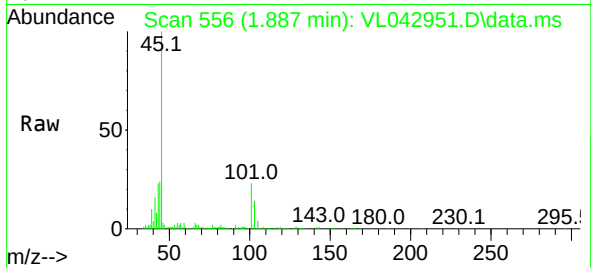
98 68.2 48.6 73.0





#19
Isopropyl Alcohol
Concen: 2.089 ppbv
RT: 1.887 min Scan# 510
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

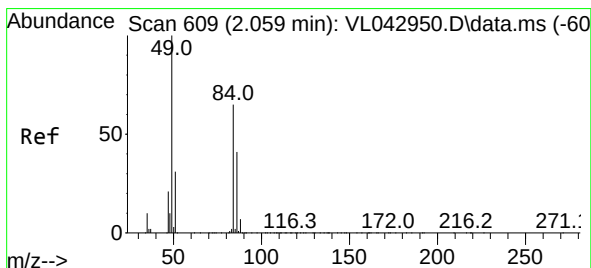
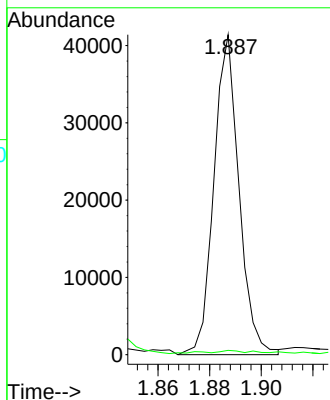
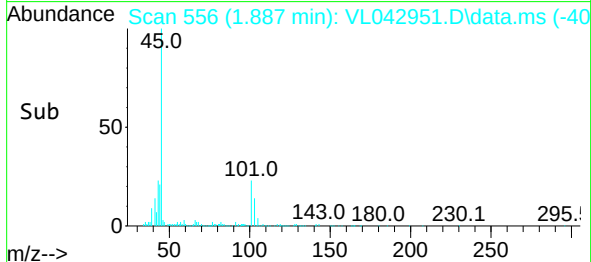
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



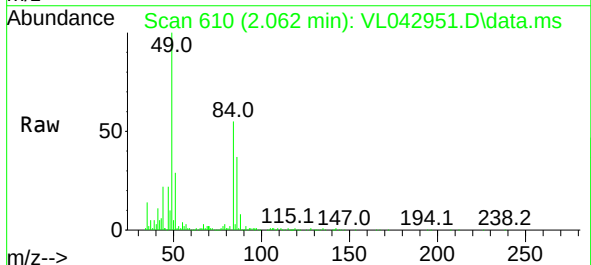
Tgt Ion: 45 Resp: 27930
Ion Ratio Lower Upper
45 100
58 51.6 31.0 46.6

Manual Integrations
APPROVED

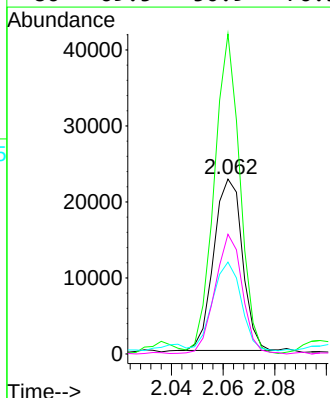
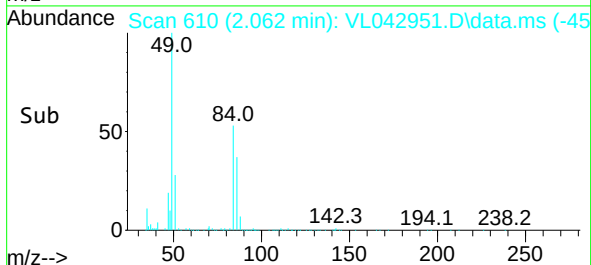
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

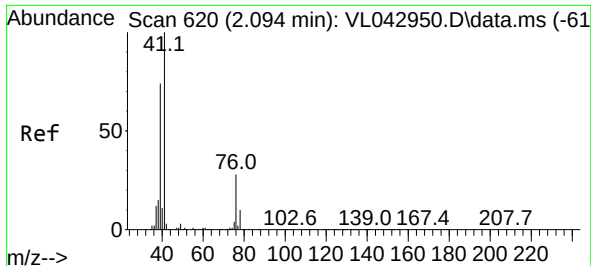


#20
Methylene Chloride
Concen: 2.097 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



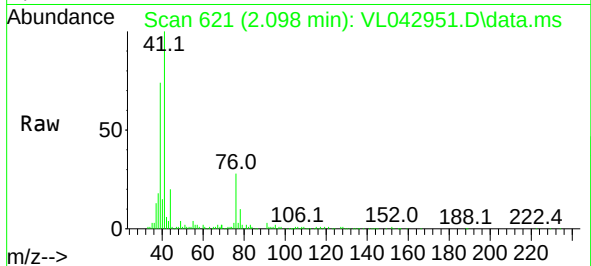
Tgt Ion: 84 Resp: 17413
Ion Ratio Lower Upper
84 100
49 186.6 124.1 186.1#
51 51.7 39.8 59.8
86 69.5 50.9 76.3





#21
 Allyl Chloride
 Concen: 2.130 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

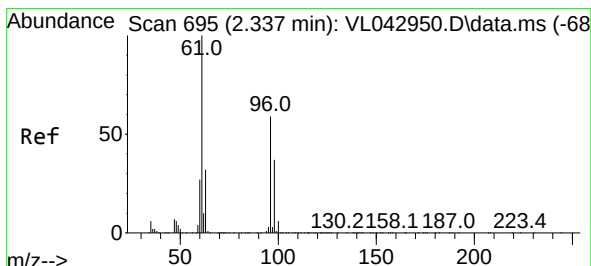
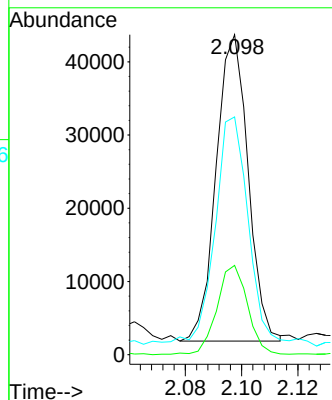
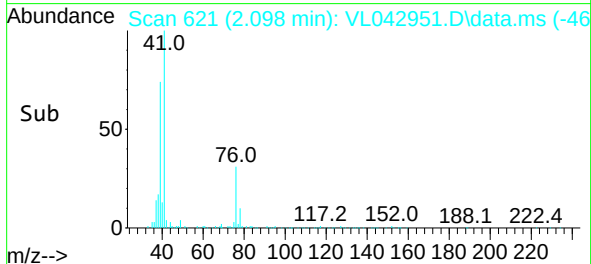
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



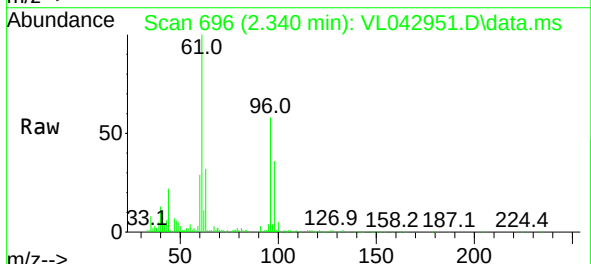
Tgt Ion: 41 Resp: 3298
 Ion Ratio Lower Upper
 41 100
 76 27.9 22.3 33.5
 39 76.0 61.3 91.9

Manual Integrations
 APPROVED

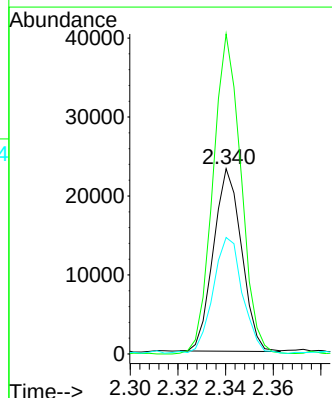
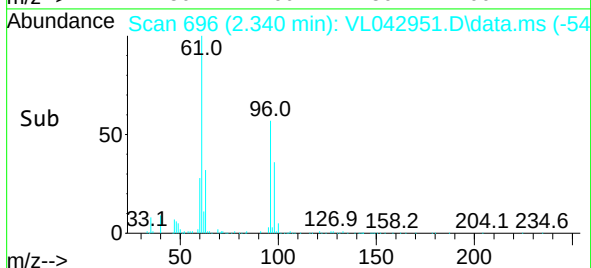
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

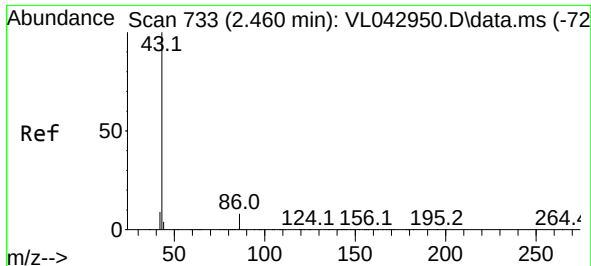


#22
 trans-1,2-Dichloroethene
 Concen: 2.013 ppbv
 RT: 2.340 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14



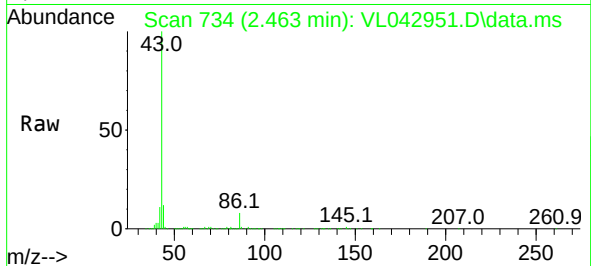
Tgt Ion: 96 Resp: 18991
 Ion Ratio Lower Upper
 96 100
 61 175.1 136.5 204.7
 98 63.3 50.6 76.0





#23
 Vinyl Acetate
 Concen: 2.029 ppbv
 RT: 2.463 min Scan# 716
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

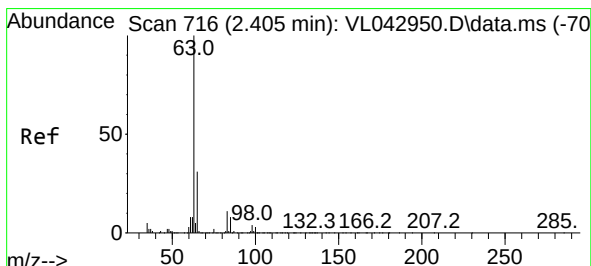
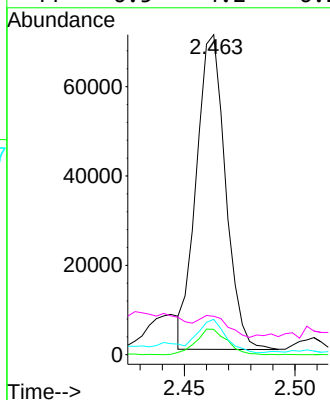
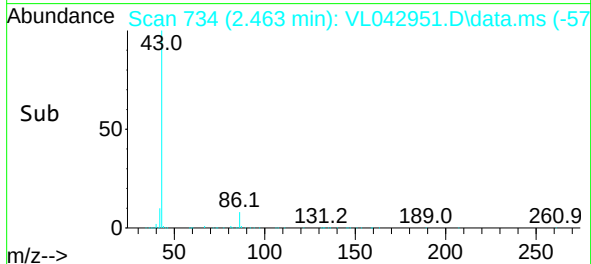
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 43 Resp: 64479
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.2 9.2
 42 10.3 7.4 11.0
 44 6.5 4.2 6.2#

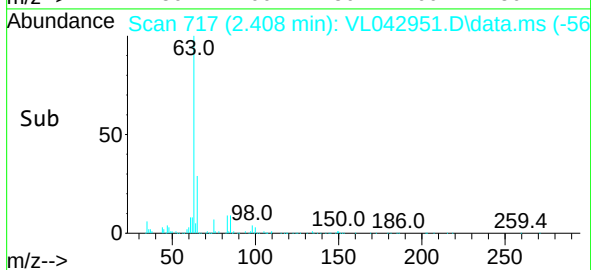
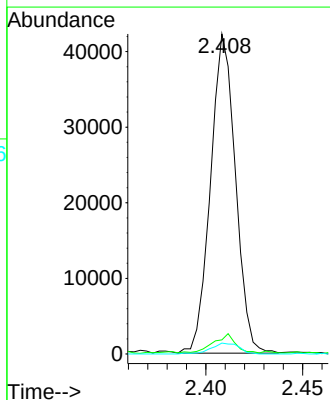
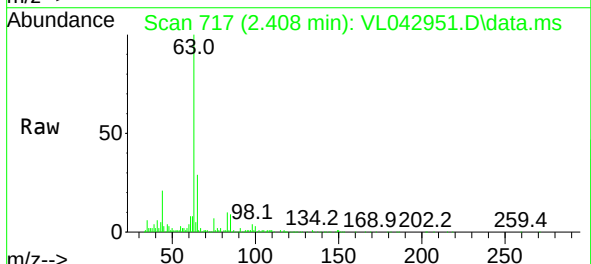
Manual Integrations
 APPROVED

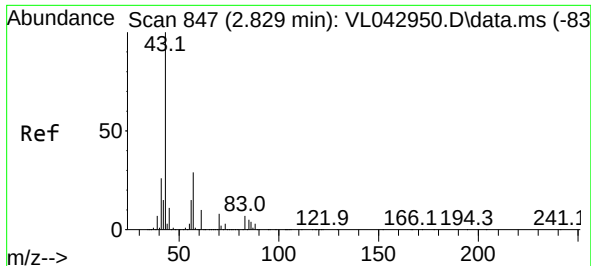
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#24
 1,1-Dichloroethane
 Concen: 2.047 ppbv
 RT: 2.408 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

Tgt Ion: 63 Resp: 37865
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.2 6.6
 100 3.4 1.4 4.0





#25

Ethyl Acetate

Concen: 2.092 ppbv

RT: 2.835 min Scan# 84

Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 11756

Ion Ratio Lower Upper

43 100

45 10.4 7.7 11.5

61 8.8 7.1 10.7

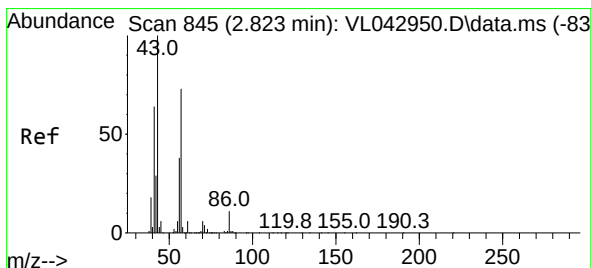
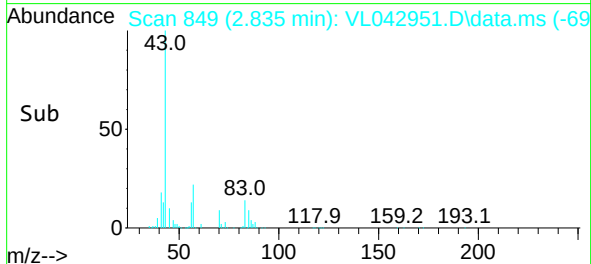
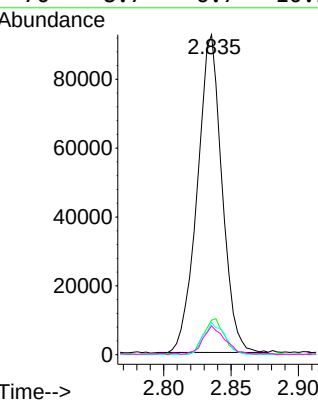
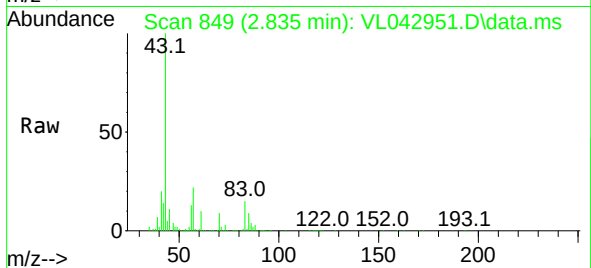
70 8.7 6.7 10.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#26

Hexane

Concen: 2.070 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Tgt Ion: 57 Resp: 53034

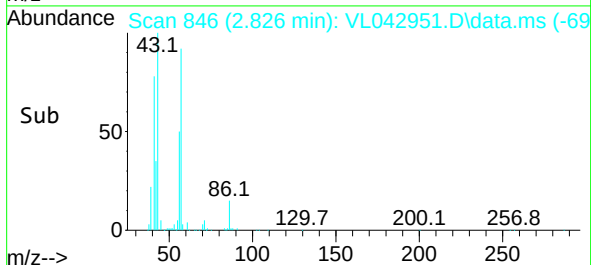
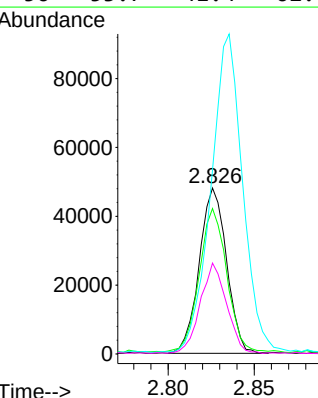
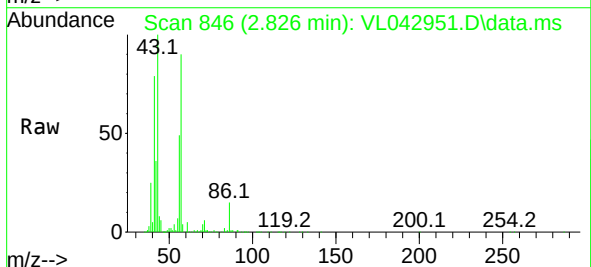
Ion Ratio Lower Upper

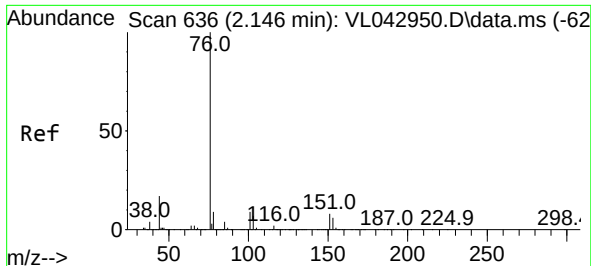
57 100

41 88.1 71.7 107.5

43 223.2 180.8 271.2

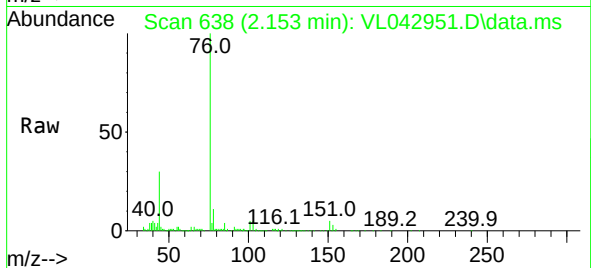
56 53.7 41.4 62.0





#27
Carbon Disulfide
Concen: 2.074 ppbv
RT: 2.153 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

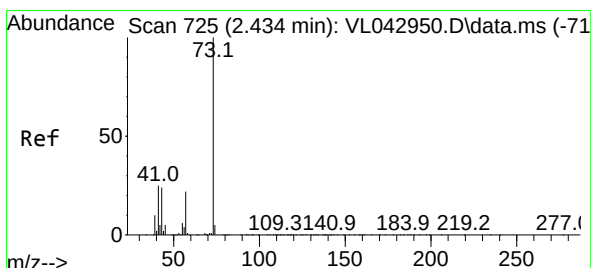
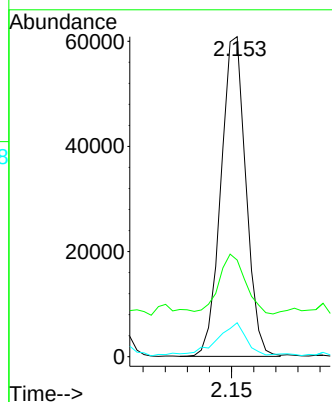
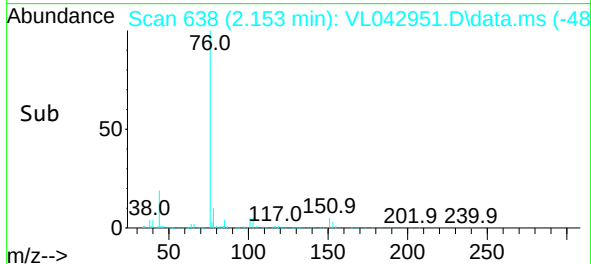
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



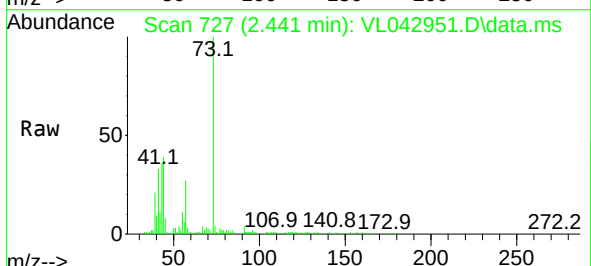
Tgt Ion: 76 Resp: 47660
Ion Ratio Lower Upper
76 100
44 46.5 15.6 23.4
78 13.1 8.9 13.3

Manual Integrations
APPROVED

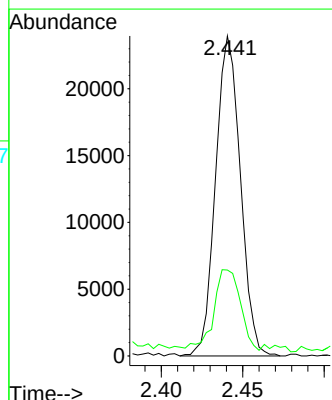
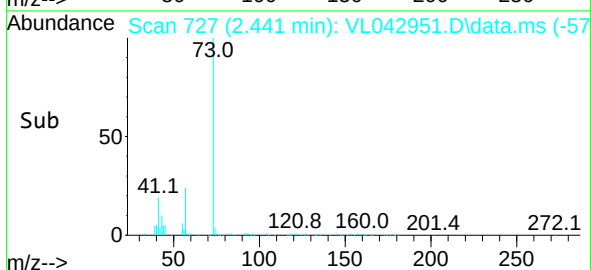
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

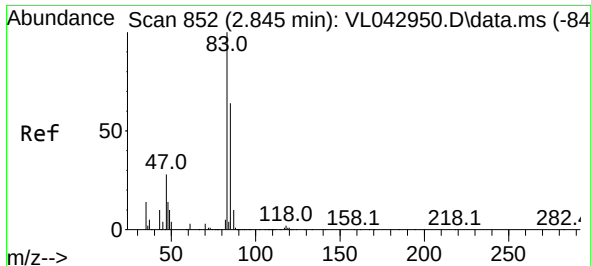


#28
Methyl tert-Butyl Ether
Concen: 1.903 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



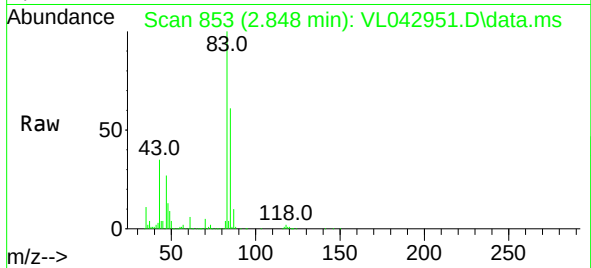
Tgt Ion: 73 Resp: 25348
Ion Ratio Lower Upper
73 100
57 29.8 20.6 31.0





#29
Chloroform
Concen: 2.077 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

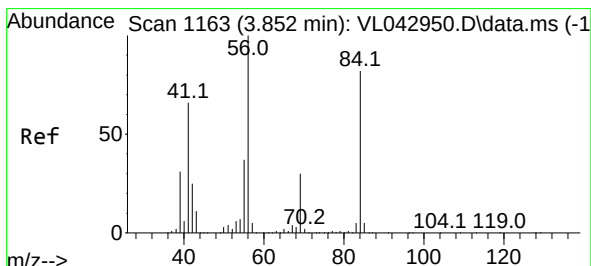
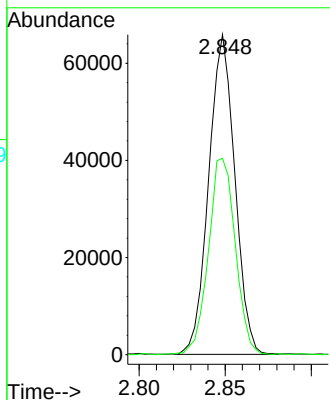
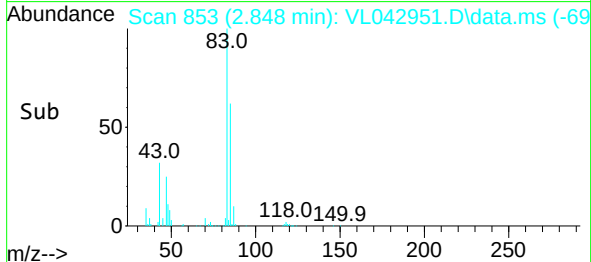
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



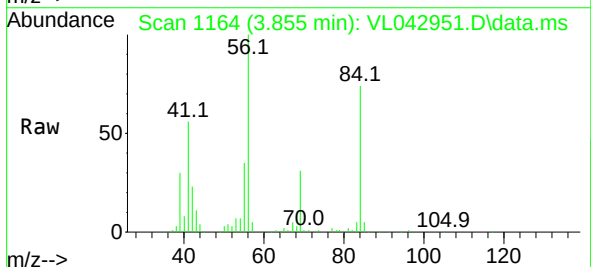
Tgt Ion: 83 Resp: 69599
Ion Ratio Lower Upper
83 100
85 61.2 51.2 76.8

Manual Integrations
APPROVED

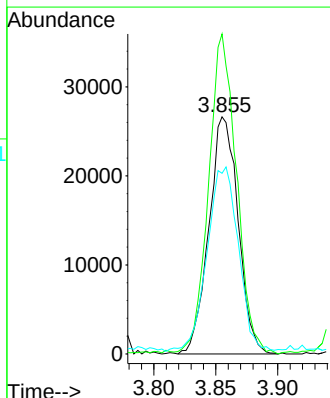
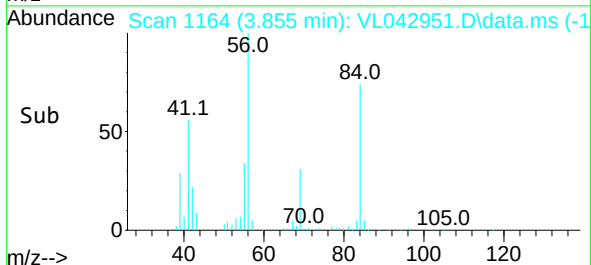
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

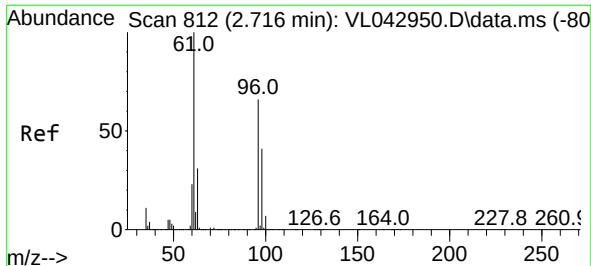


#30
Cyclohexane
Concen: 2.041 ppbv
RT: 3.855 min Scan# 1164
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



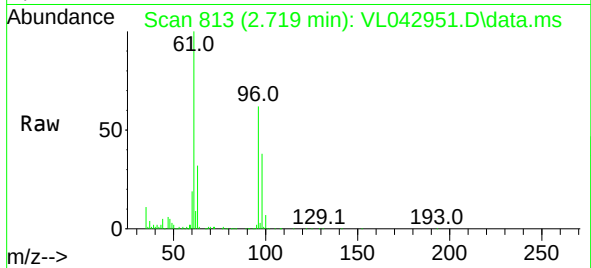
Tgt Ion: 84 Resp: 43725
Ion Ratio Lower Upper
84 100
56 129.8 102.2 153.4
41 81.2 65.6 98.4





#31
 cis-1,2-Dichloroethene
 Concen: 2.084 ppbv
 RT: 2.719 min Scan# 812
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

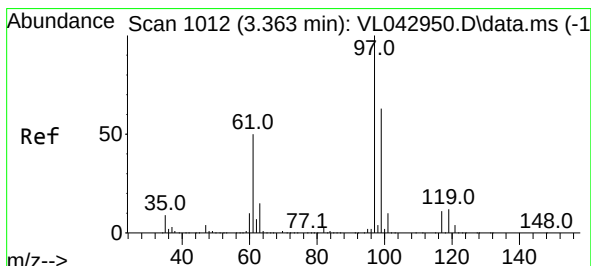
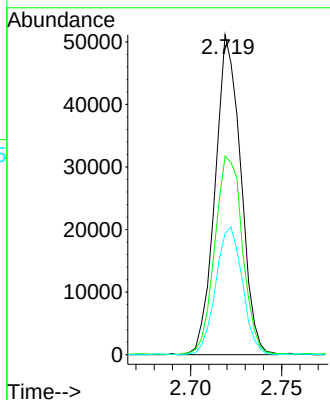
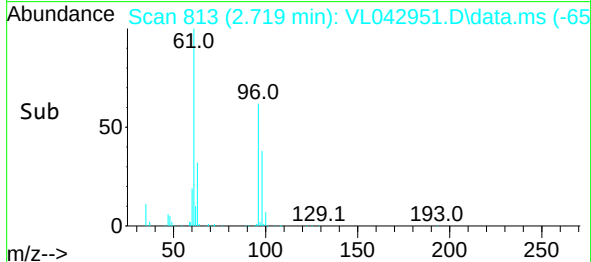
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



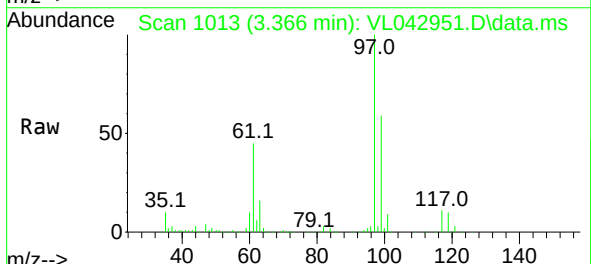
Tgt Ion: 61 Resp: 50019
 Ion Ratio Lower Upper
 61 100
 96 61.9 53.0 79.6
 98 37.9 32.9 49.3

Manual Integrations
 APPROVED

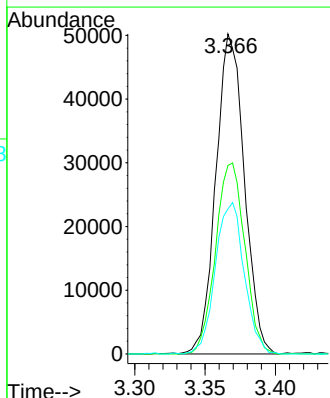
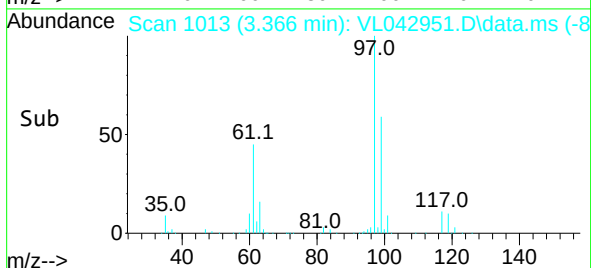
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

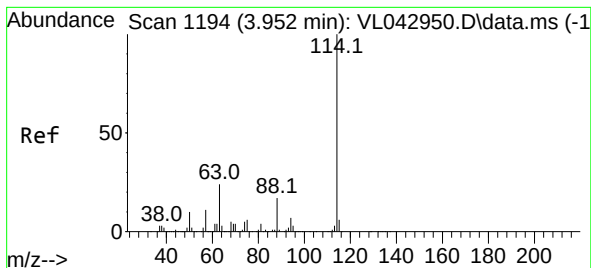


#32
 1,1,1-Trichloroethane
 Concen: 1.948 ppbv
 RT: 3.366 min Scan# 1013
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14



Tgt Ion: 97 Resp: 70729
 Ion Ratio Lower Upper
 97 100
 99 61.2 51.1 76.7
 61 48.1 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.955 min Scan# 1194

Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

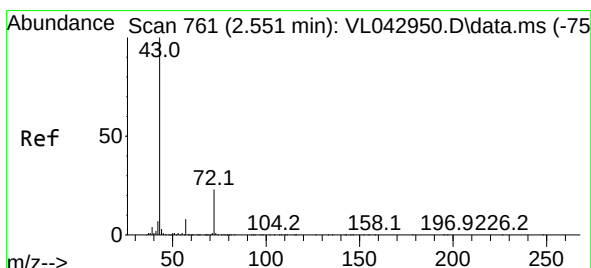
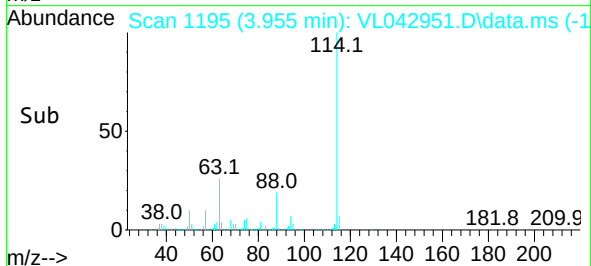
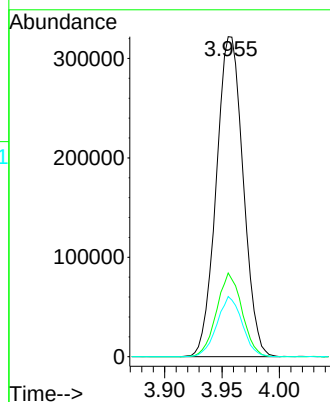
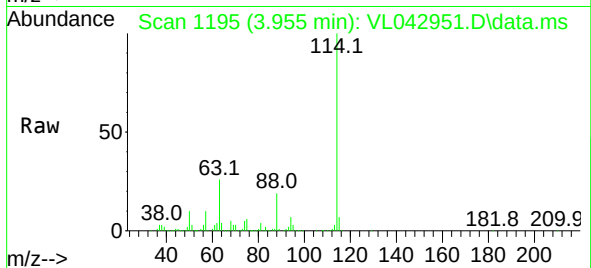
VSTDIC002

Tgt Ion:114	Resp: 524389
Ion Ratio	Lower Upper
114 100	
63 24.7	19.4 29.2
88 17.6	14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#34

2-Butanone

Concen: 2.114 ppbv

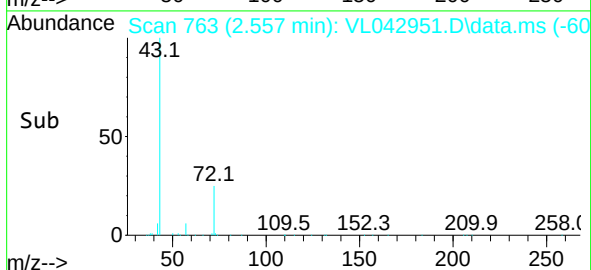
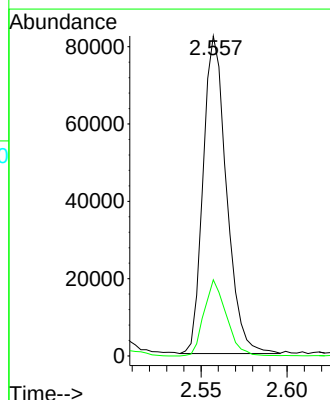
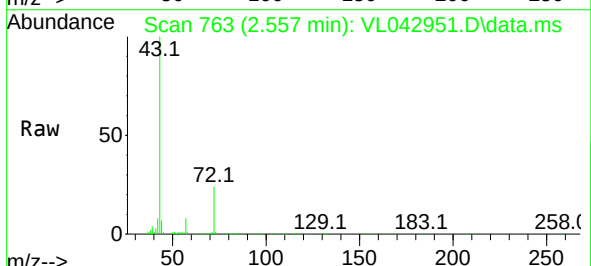
RT: 2.557 min Scan# 763

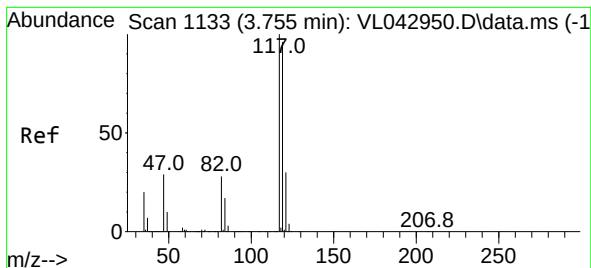
Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Tgt Ion: 43	Resp: 77689
Ion Ratio	Lower Upper
43 100	
72 23.1	17.7 26.5





#35

Carbon Tetrachloride

Concen: 2.041 ppbv

RT: 3.761 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

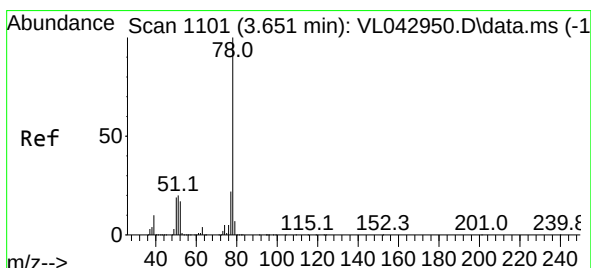
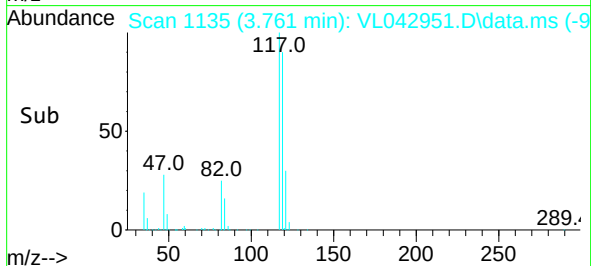
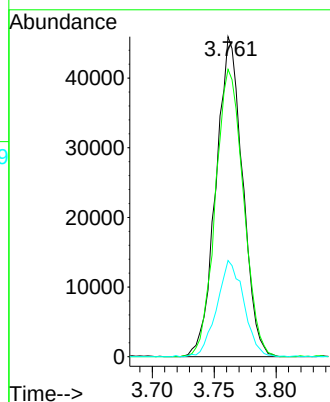
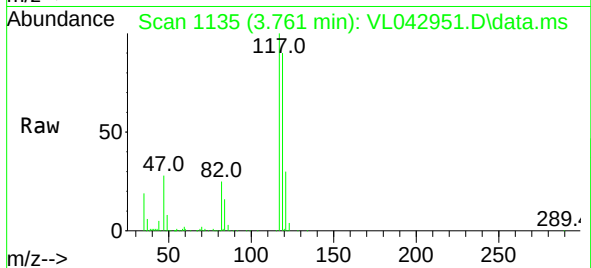
VSTDIC002

Tgt Ion:	117	Resp:	6885
Ion	Ratio	Lower	Upper
117	100		
119	89.8	76.9	115.3
121	30.0	23.7	35.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#36

Benzene

Concen: 2.069 ppbv

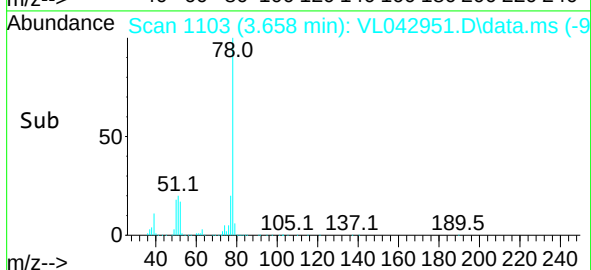
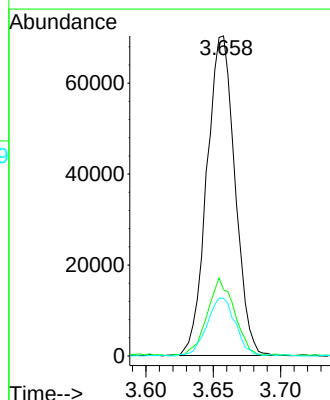
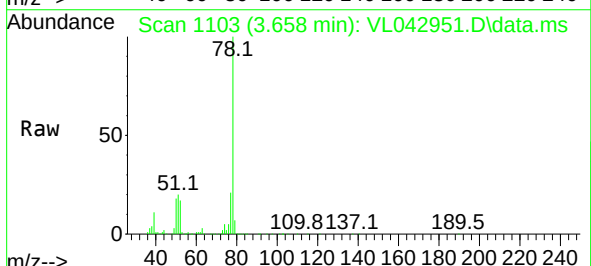
RT: 3.658 min Scan# 1103

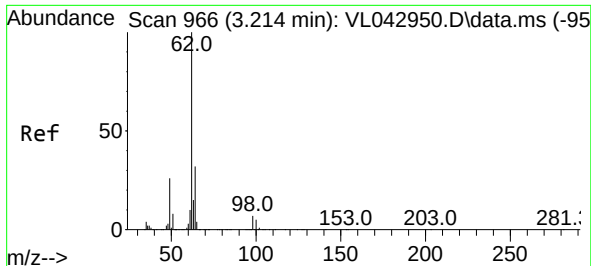
Delta R.T. 0.006 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

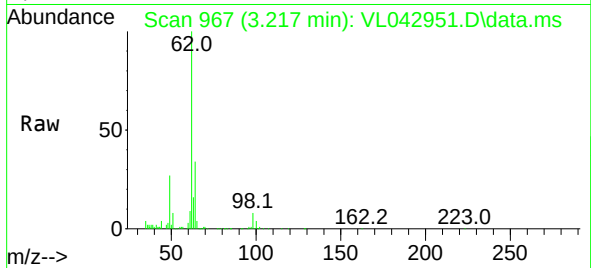
Tgt Ion:	78	Resp:	101901
Ion	Ratio	Lower	Upper
78	100		
77	20.5	17.8	26.6
50	17.7	15.0	22.4





#37
1,2-Dichloroethane
Concen: 2.052 ppbv
RT: 3.217 min Scan# 966
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

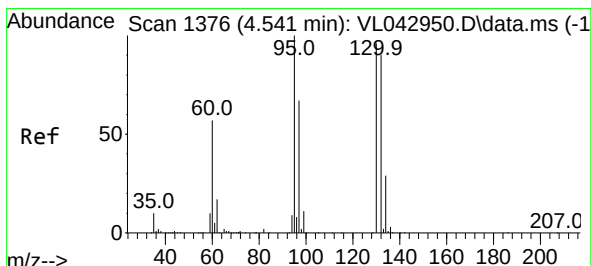
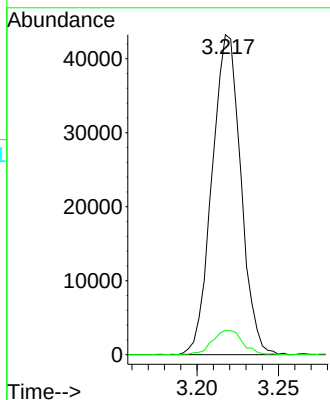
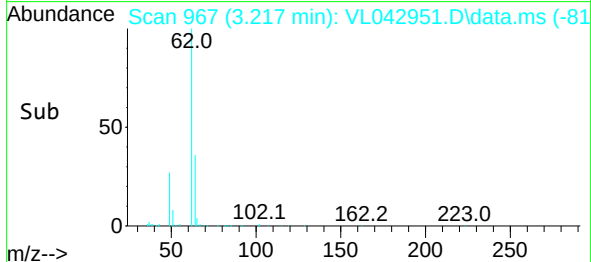
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



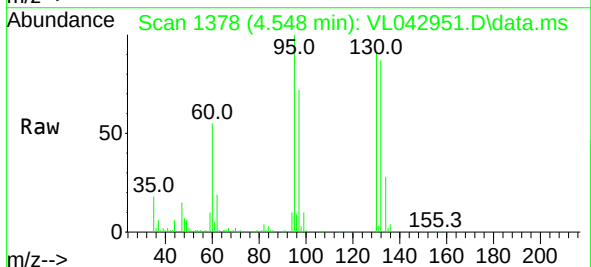
Tgt Ion: 62 Resp: 53130
Ion Ratio Lower Upper
62 100
98 8.1 5.9 8.9

Manual Integrations
APPROVED

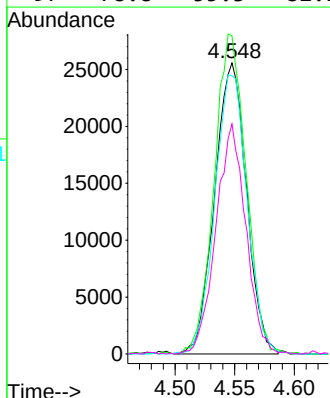
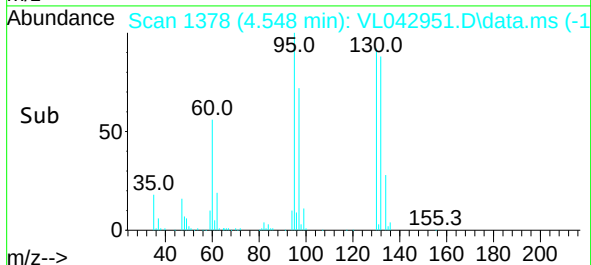
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

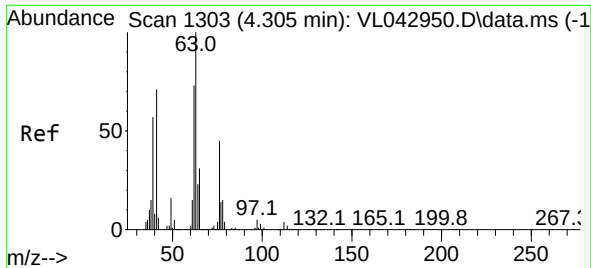


#38
Trichloroethene
Concen: 1.938 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion:130 Resp: 47424
Ion Ratio Lower Upper
130 100
95 109.0 83.0 124.4
132 95.0 74.6 112.0
97 78.8 55.3 82.9





#39

1,2-Dichloropropane

Concen: 2.078 ppbv m

RT: 4.308 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

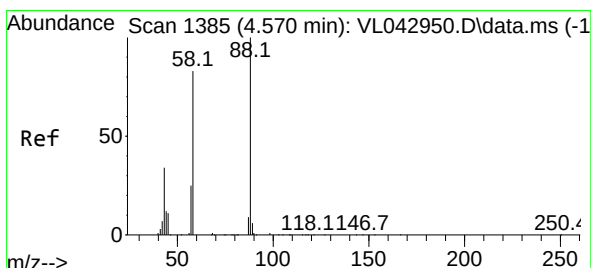
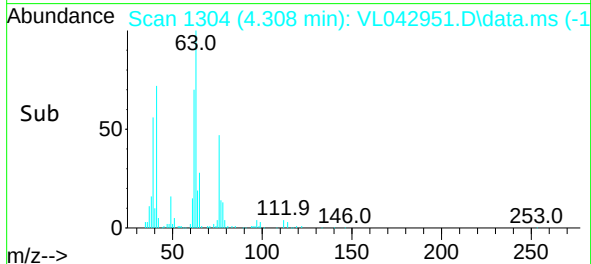
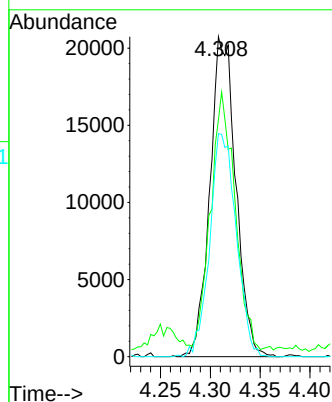
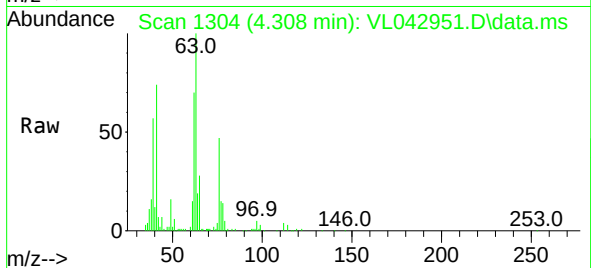
VSTDICC002

Tgt Ion: 63	Resp: 3738
Ion Ratio	Lower Upper
63 100	
41 74.1	57.5 86.3
62 69.7	58.5 87.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#40

1,4-Dioxane

Concen: 2.044 ppbv m

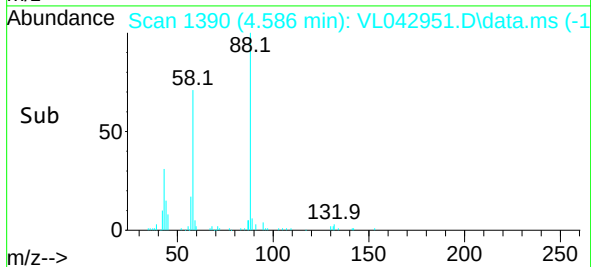
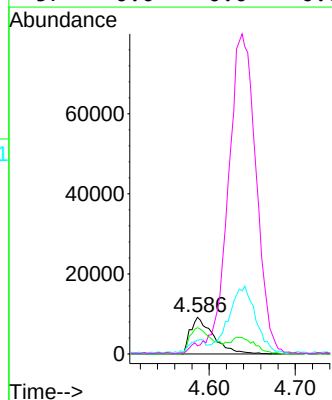
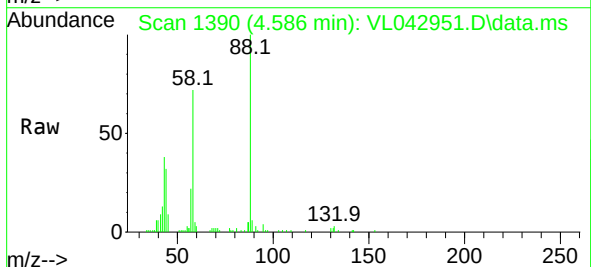
RT: 4.586 min Scan# 1390

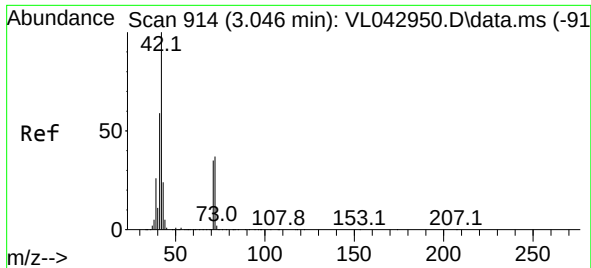
Delta R.T. 0.016 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

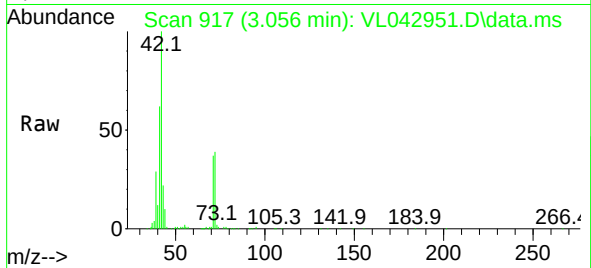
Tgt Ion: 88	Resp: 17074
Ion Ratio	Lower Upper
88 100	
58 72.4	59.7 89.5
43 0.0	28.9 43.3
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 2.081 ppbv
RT: 3.056 min Scan# 914
Delta R.T. 0.010 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

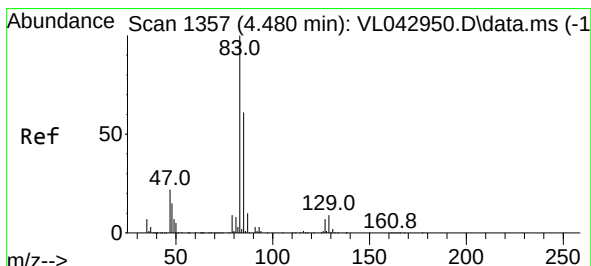
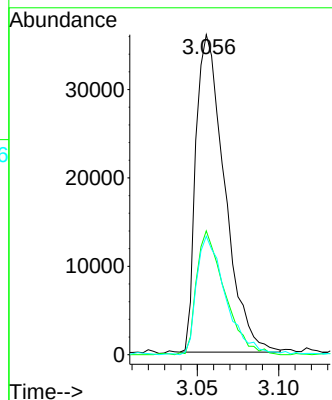
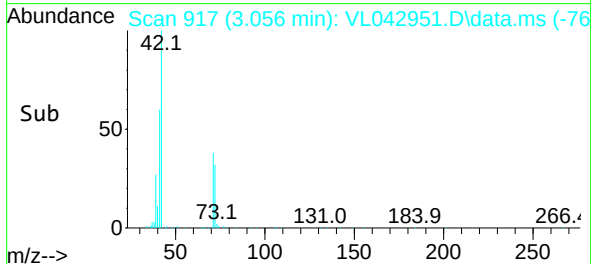
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 43962
Ion Ratio Lower Upper
42 100
72 38.5 30.0 45.0
71 37.4 28.8 43.2

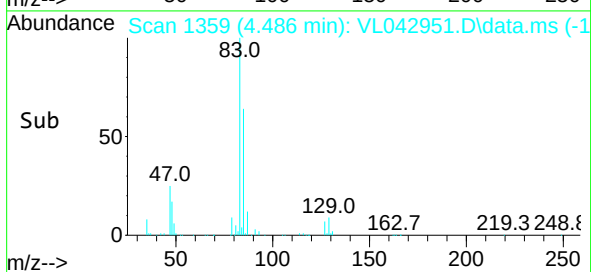
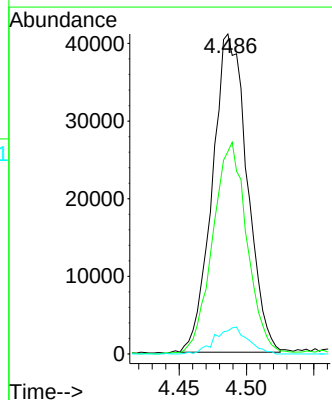
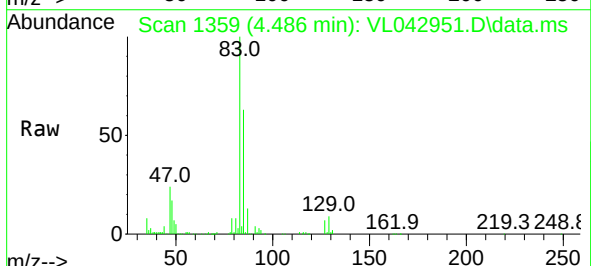
Manual Integrations
APPROVED

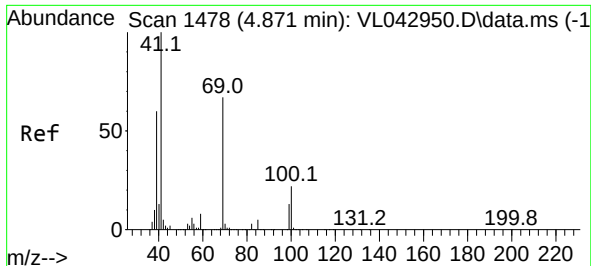
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Bromodichloromethane
Concen: 2.042 ppbv
RT: 4.486 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

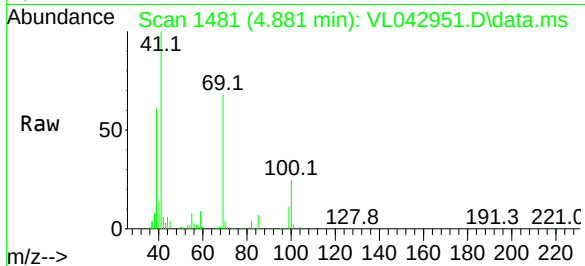
Tgt Ion: 83 Resp: 73675
Ion Ratio Lower Upper
83 100
85 63.2 49.0 73.6
127 7.2 5.3 7.9





#43
Methyl Methacrylate
Concen: 2.077 ppbv
RT: 4.881 min Scan# 1478
Delta R.T. 0.010 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

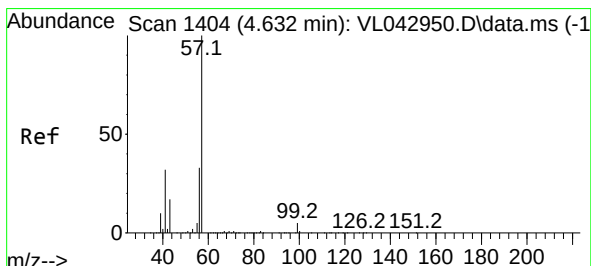
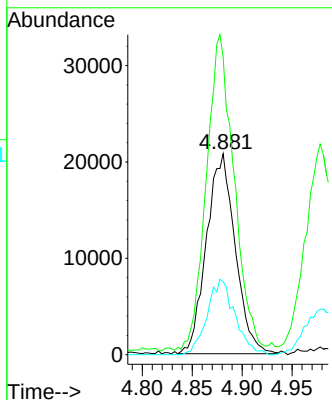
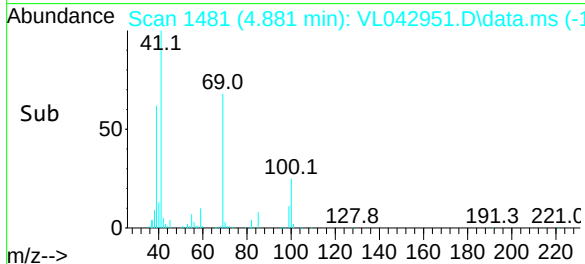
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



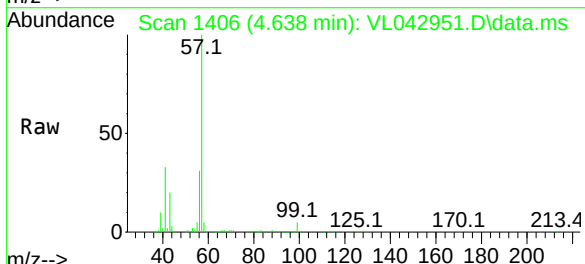
Tgt Ion: 69 Resp: 4152
Ion Ratio Lower Upper
69 100
41 153.8 124.5 186.7
100 36.3 29.0 43.6

Manual Integrations
APPROVED

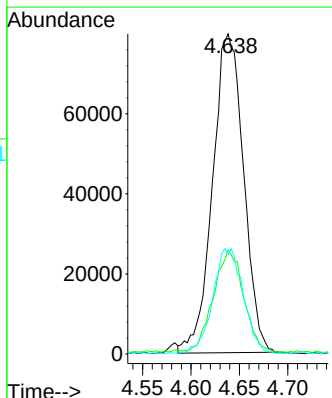
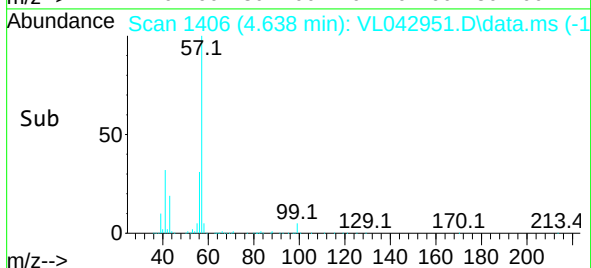
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

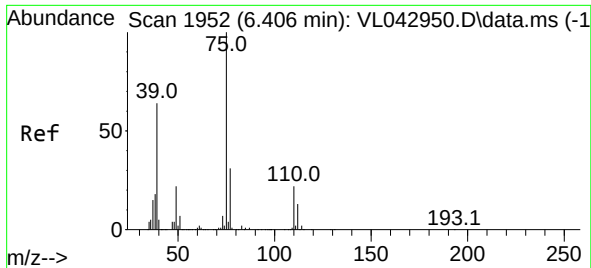


#44
2,2,4-Trimethylpentane
Concen: 2.083 ppbv
RT: 4.638 min Scan# 1406
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion: 57 Resp: 177242
Ion Ratio Lower Upper
57 100
41 32.9 25.5 38.3
56 32.5 25.8 38.8





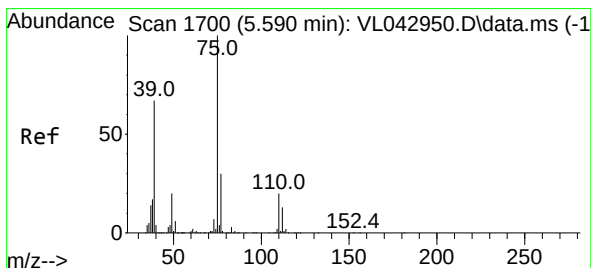
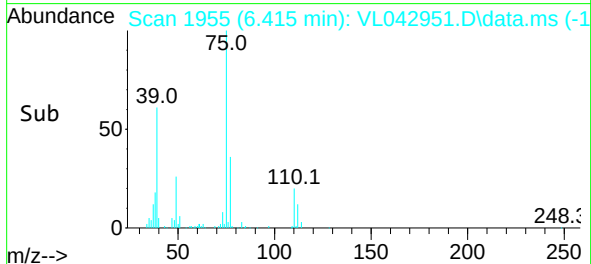
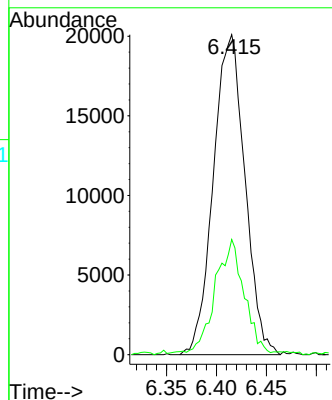
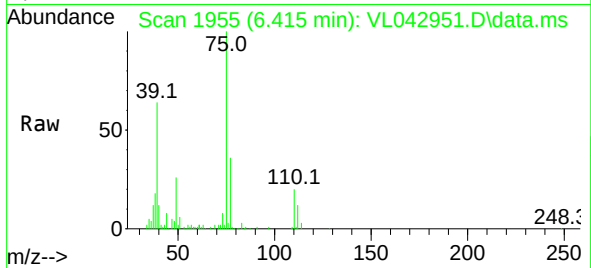
#45
 t-1,3-Dichloropropene
 Concen: 2.055 ppbv
 RT: 6.415 min Scan# 1952
 Delta R.T. 0.010 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 75 Resp: 4417
 Ion Ratio Lower Upper
 75 100
 77 36.0 25.0 37.4

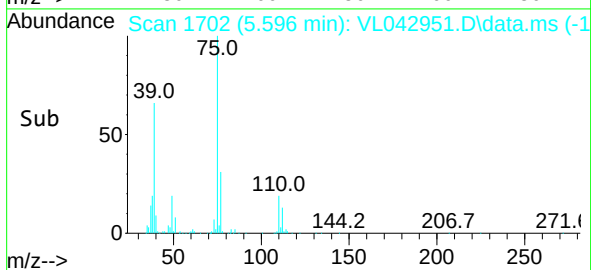
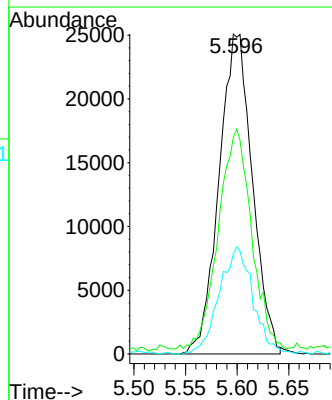
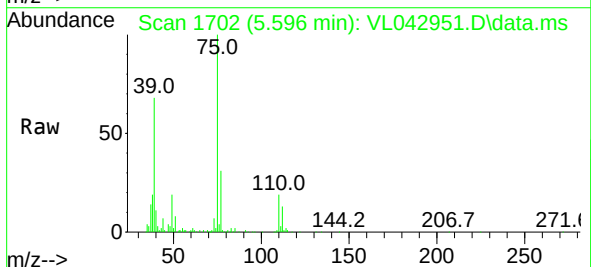
Manual Integrations
 APPROVED

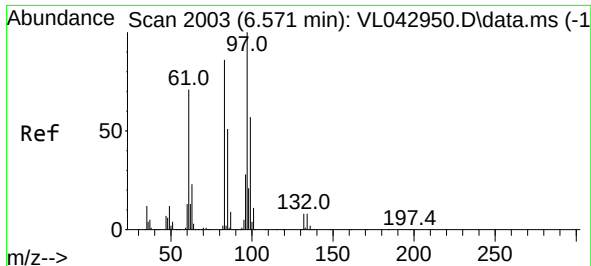
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025



#46
 cis-1,3-Dichloropropene
 Concen: 2.057 ppbv
 RT: 5.596 min Scan# 1702
 Delta R.T. 0.006 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

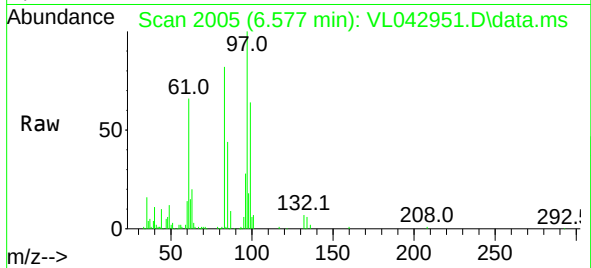
Tgt Ion: 75 Resp: 56335
 Ion Ratio Lower Upper
 75 100
 39 64.9 53.8 80.6
 77 31.4 23.6 35.4





#47
1,1,2-Trichloroethane
Concen: 2.050 ppbv m
RT: 6.577 min Scan# 2003
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

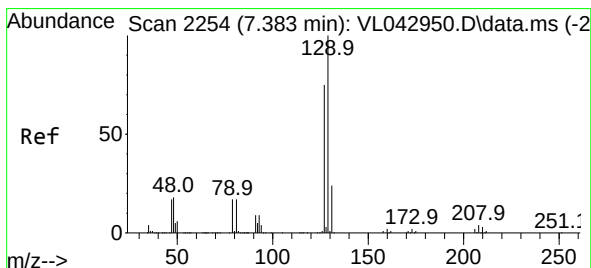
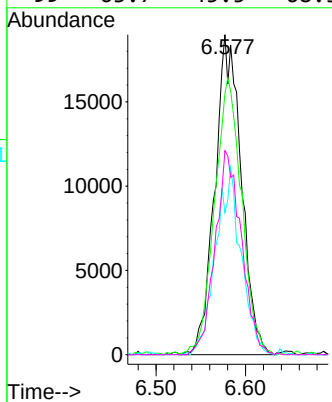
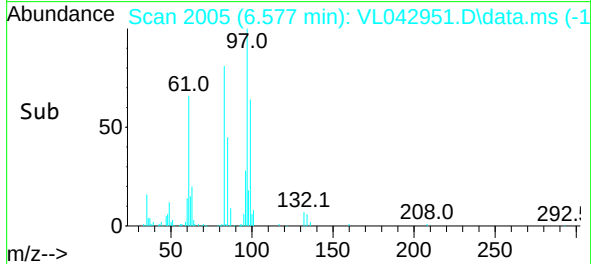
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 97 Resp: 3896
Ion Ratio Lower Upper
97 100
83 81.6 68.7 103.1
85 44.4 40.6 60.8
99 63.7 45.5 68.3

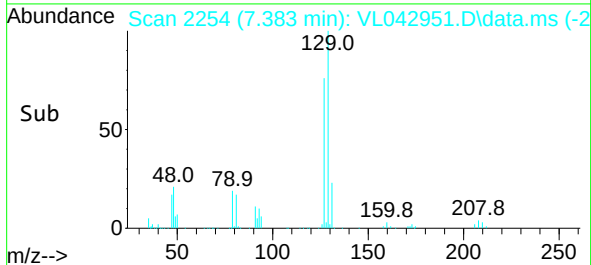
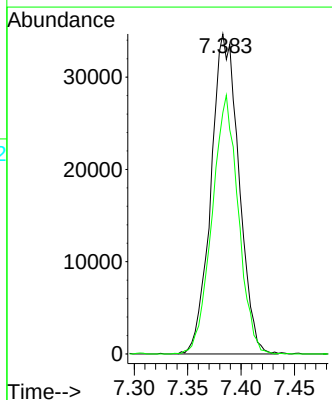
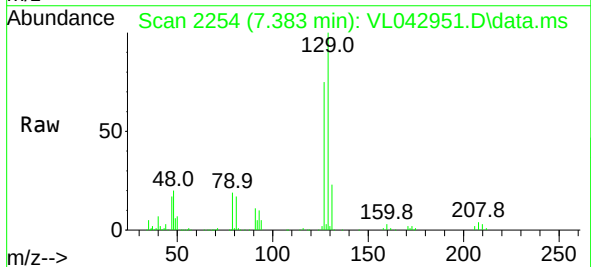
Manual Integrations
APPROVED

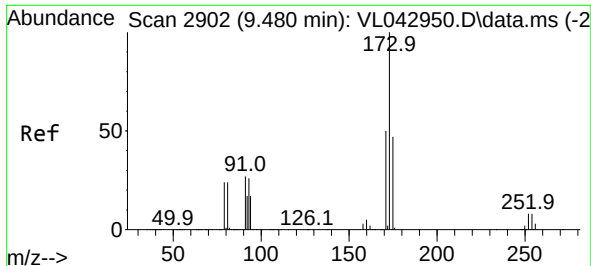
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#48
Dibromochloromethane
Concen: 2.072 ppbv
RT: 7.383 min Scan# 2254
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

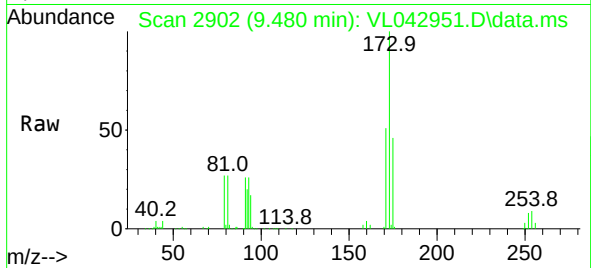
Tgt Ion:129 Resp: 62968
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





#49
Bromoform
Concen: 2.119 ppbv
RT: 9.480 min Scan# 2902
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

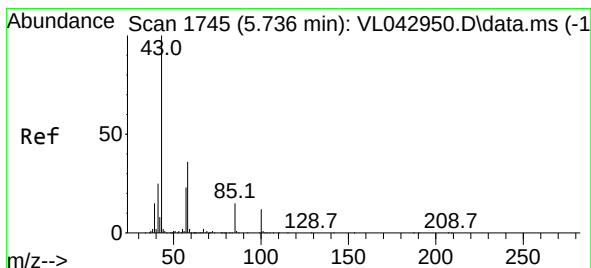
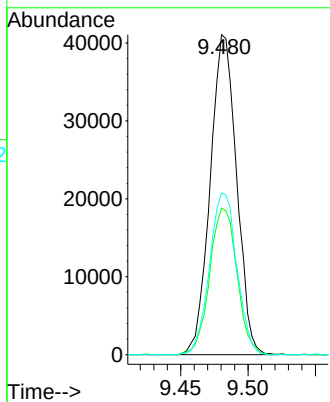
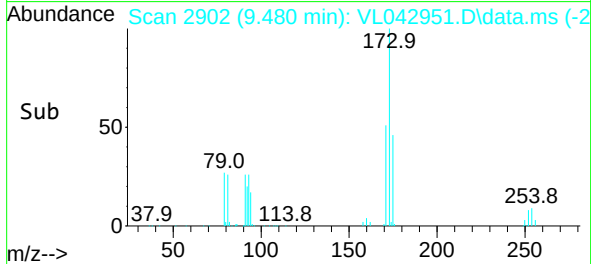
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 173 Resp: 5602
Ion Ratio Lower Upper
173 100
175 47.3 37.9 56.9
171 52.1 41.1 61.7

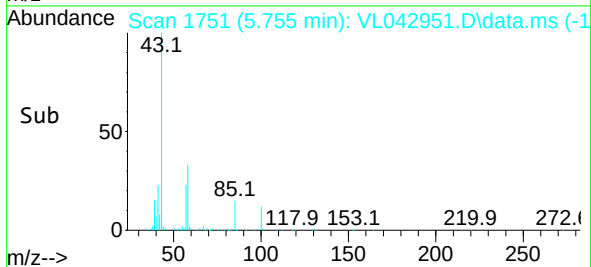
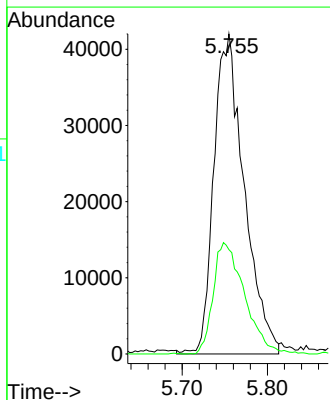
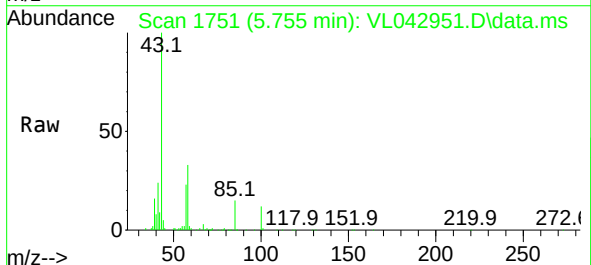
Manual Integrations
APPROVED

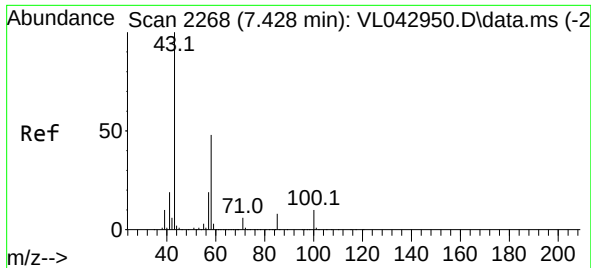
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#50
4-Methyl-2-Pentanone
Concen: 2.098 ppbv m
RT: 5.755 min Scan# 1751
Delta R.T. 0.019 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

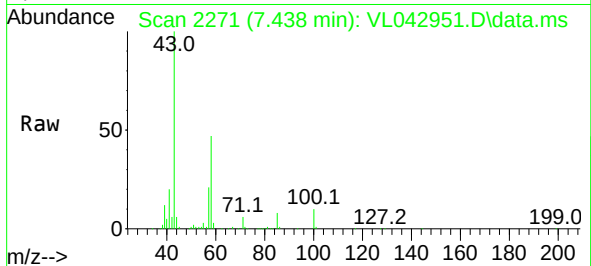
Tgt Ion: 43 Resp: 103605
Ion Ratio Lower Upper
43 100
58 36.1 28.4 42.6





#51
2-Hexanone
Concen: 2.053 ppbv
RT: 7.438 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

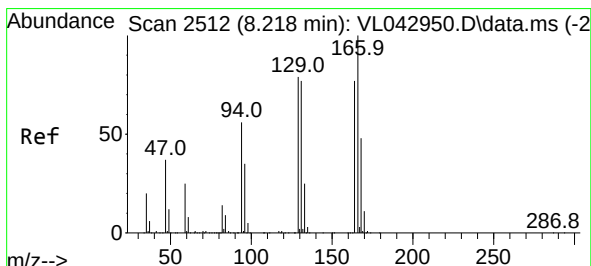
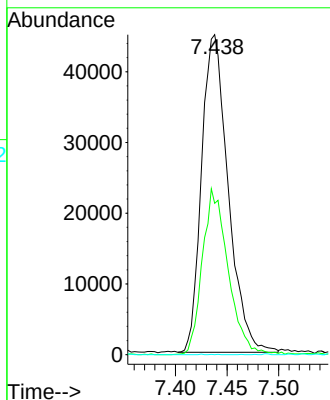
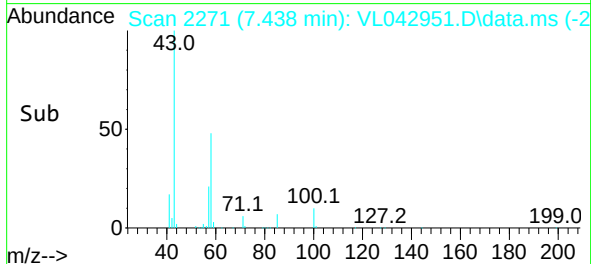
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 80620
Ion Ratio Lower Upper
43 100
58 50.6 39.7 59.5
98 0.1 0.1 0.1

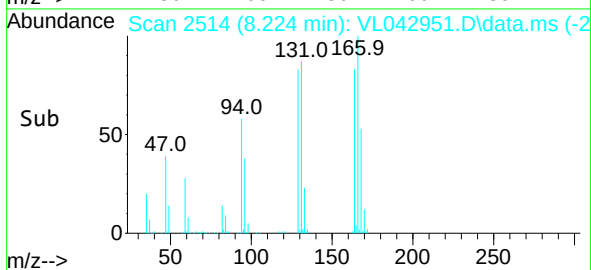
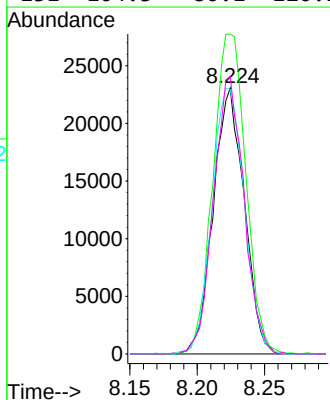
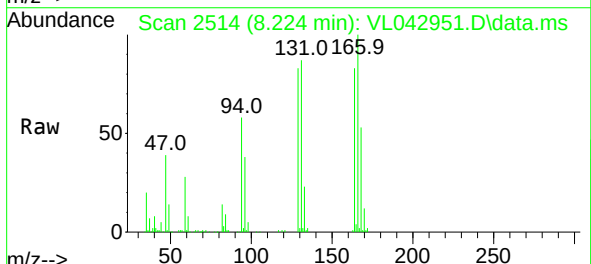
Manual Integrations
APPROVED

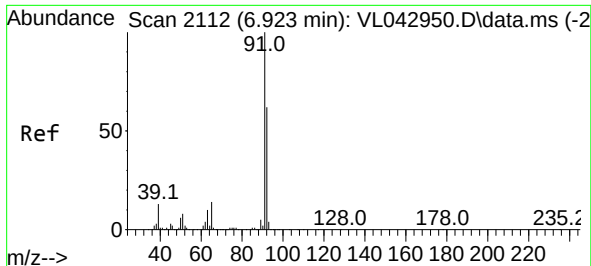
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
Tetrachloroethene
Concen: 1.934 ppbv
RT: 8.224 min Scan# 2514
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

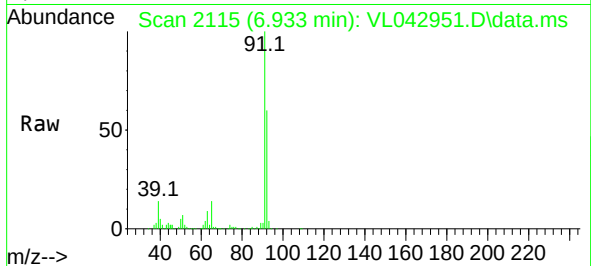
Tgt Ion:164 Resp: 36853
Ion Ratio Lower Upper
164 100
166 120.4 103.5 155.3
129 98.8 82.2 123.4
131 104.3 80.1 120.1





#53
Toluene
Concen: 2.081 ppbv
RT: 6.933 min Scan# 2112
Delta R.T. 0.010 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

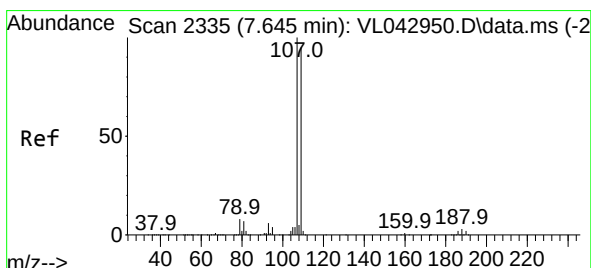
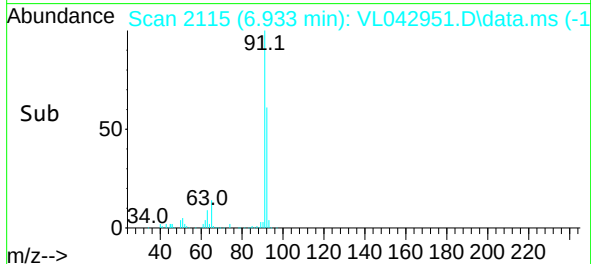
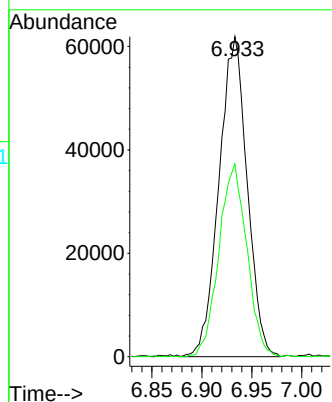
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 91 Resp: 121268
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.2

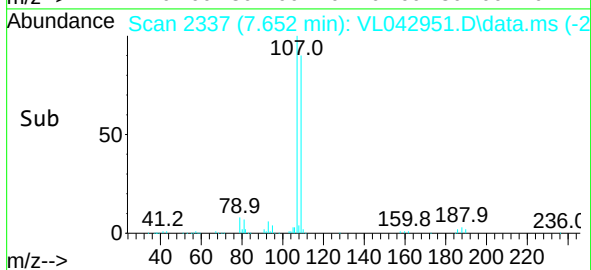
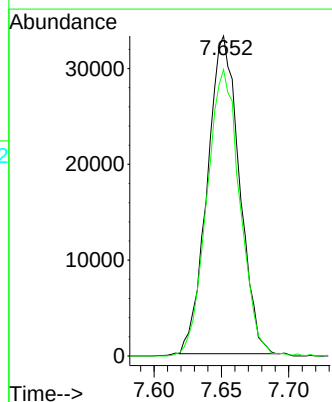
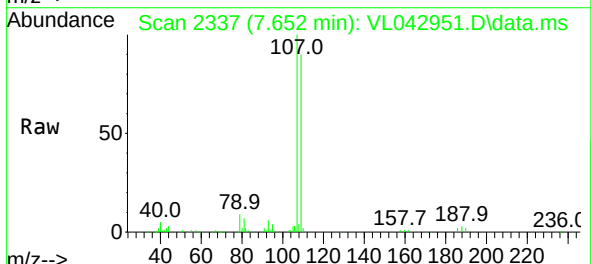
Manual Integrations
APPROVED

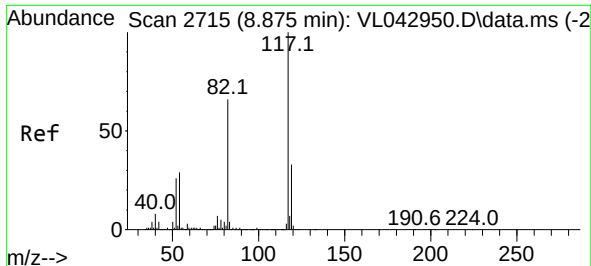
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#54
1,2-Dibromoethane
Concen: 2.058 ppbv
RT: 7.652 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

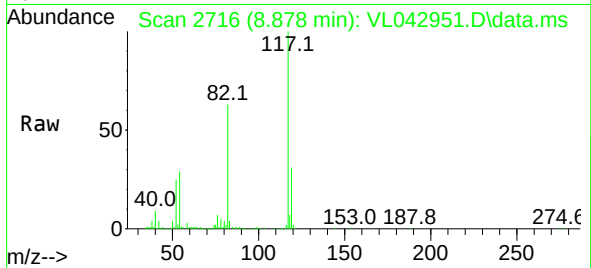
Tgt Ion:107 Resp: 55022
Ion Ratio Lower Upper
107 100
109 89.3 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.878 min Scan# 2715
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

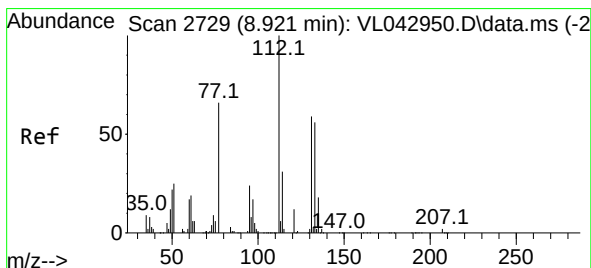
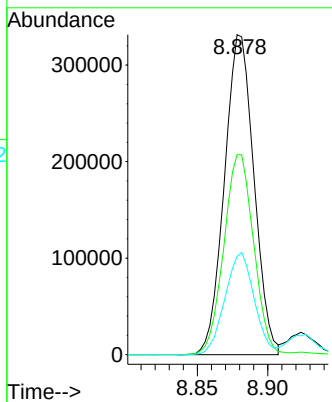
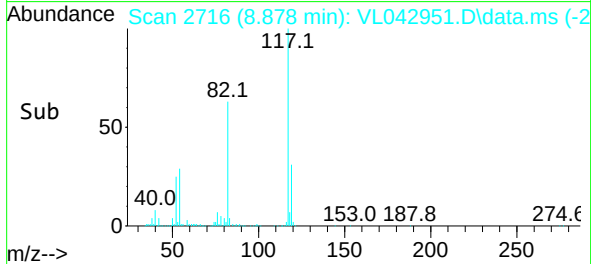
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:117 Resp: 48382
Ion Ratio Lower Upper
117 100
82 63.6 52.8 79.2
119 31.8 26.5 39.7

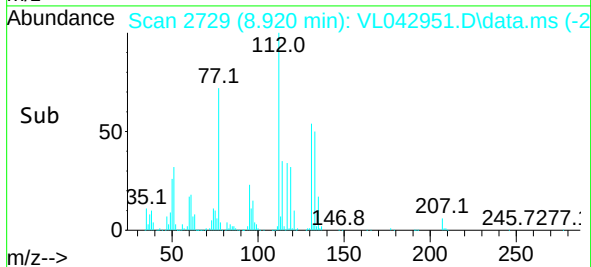
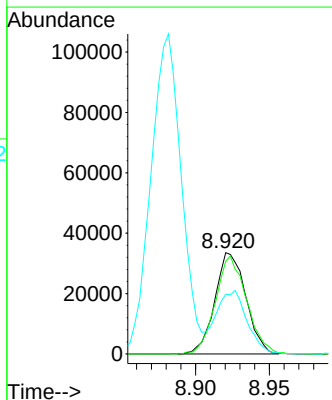
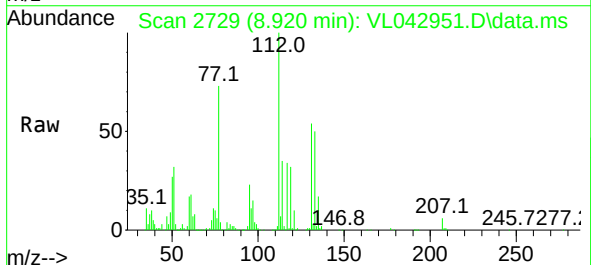
Manual Integrations
APPROVED

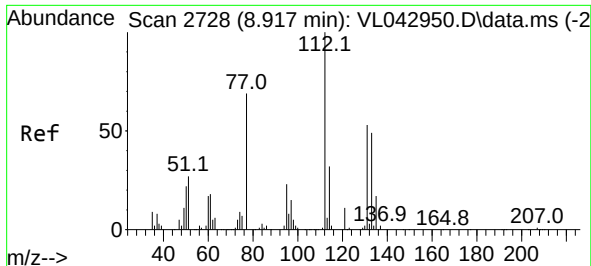
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 2.112 ppbv
RT: 8.920 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

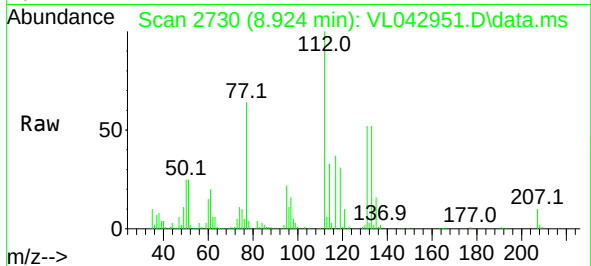
Tgt Ion:131 Resp: 48901
Ion Ratio Lower Upper
131 100
133 97.7 76.6 114.8
119 61.4 49.9 74.9





#57
Chlorobenzene
Concen: 2.068 ppbv
RT: 8.924 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

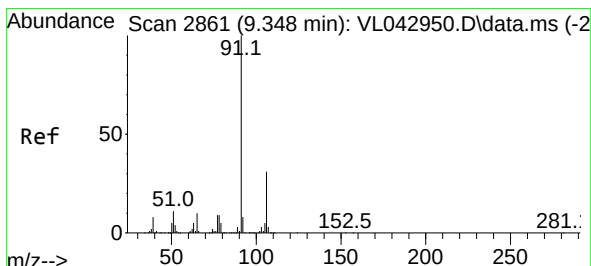
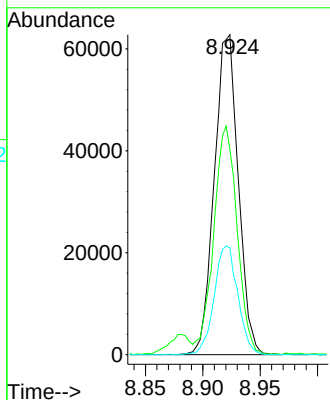
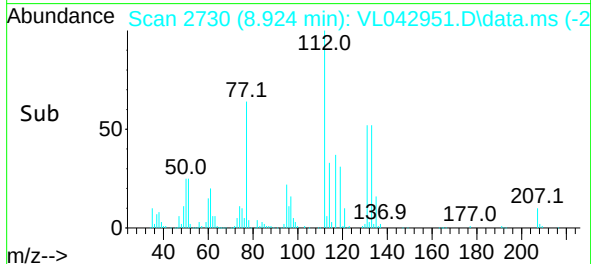
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



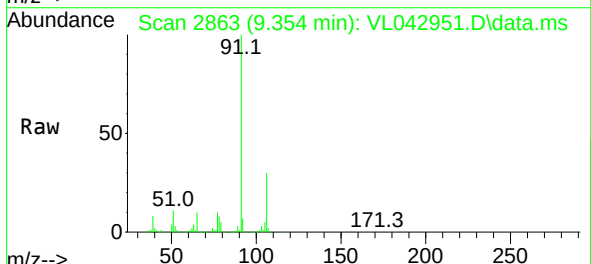
Tgt Ion: 112 Resp: 91325
Ion Ratio Lower Upper
112 100
77 63.9 55.7 83.5
114 33.4 28.6 35.0

Manual Integrations
APPROVED

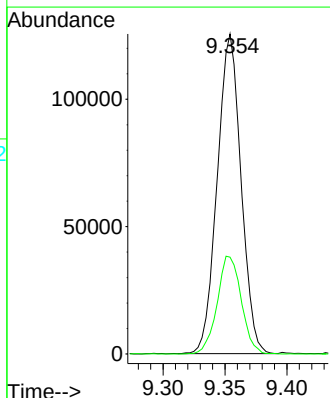
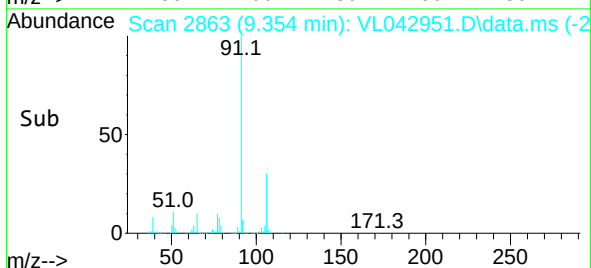
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

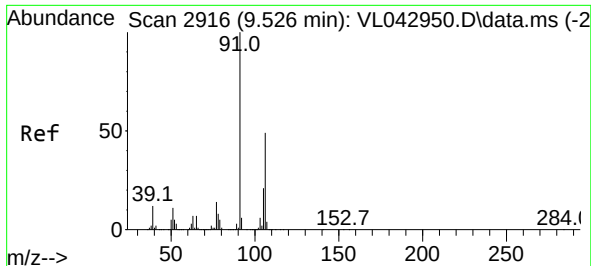


#58
Ethyl Benzene
Concen: 2.115 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion: 91 Resp: 168063
Ion Ratio Lower Upper
91 100
106 30.3 24.6 37.0





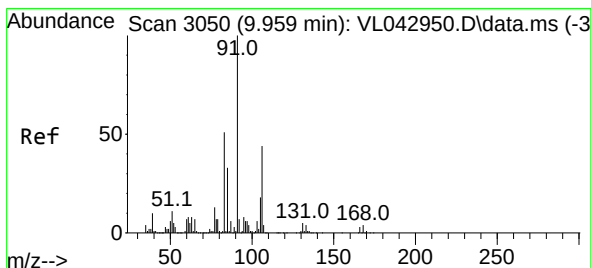
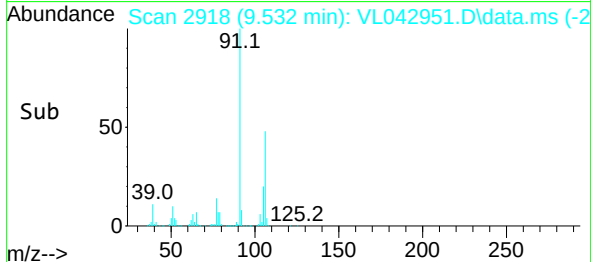
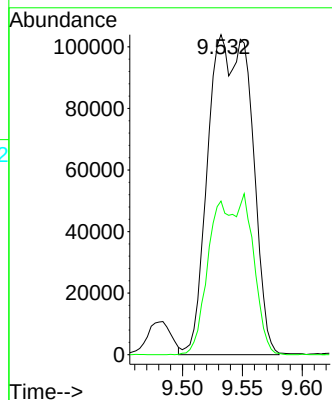
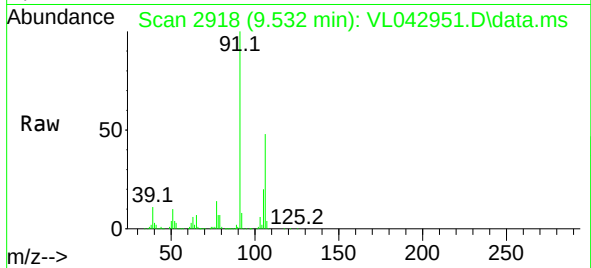
#59
m/p-Xylene
Concen: 4.202 ppbv m
RT: 9.532 min Scan# 2916
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 263362
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

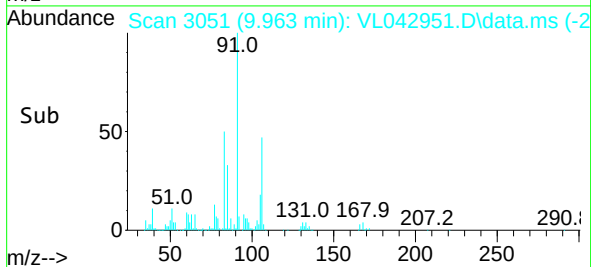
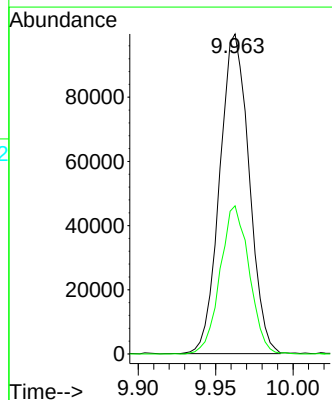
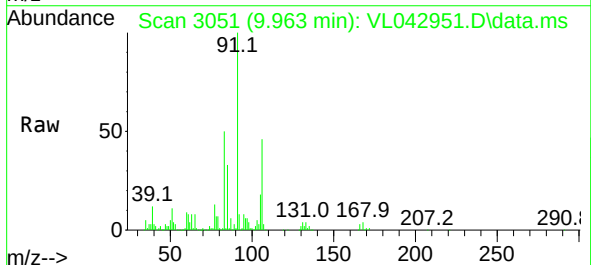
Manual Integrations
APPROVED

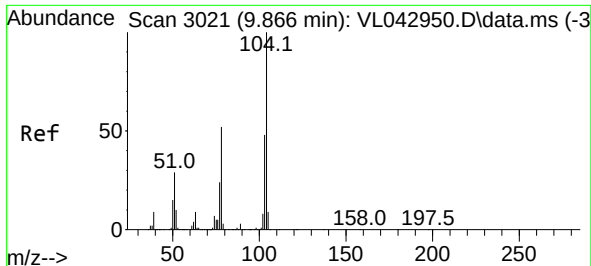
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#60
o-Xylene
Concen: 2.101 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

Tgt Ion: 91 Resp: 131507
Ion Ratio Lower Upper
91 100
106 45.8 22.4 67.0





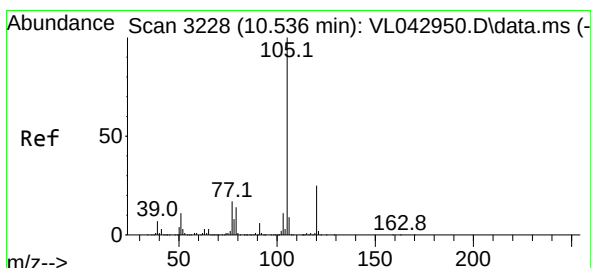
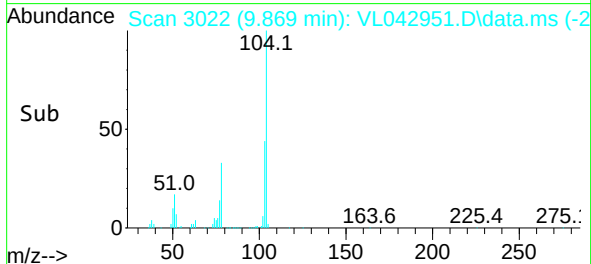
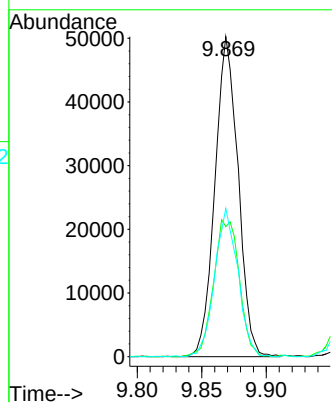
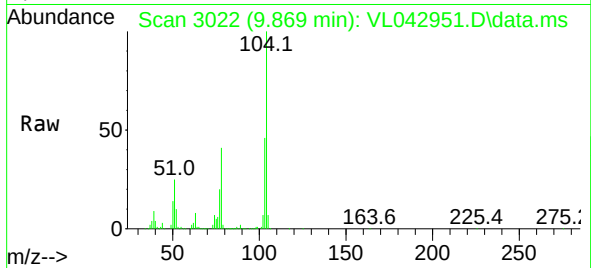
#61
Styrene
Concen: 2.119 ppbv
RT: 9.869 min Scan# 3021
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:104 Resp: 62748
Ion Ratio Lower Upper
104 100
78 47.7 39.9 59.9
103 46.3 36.9 55.3

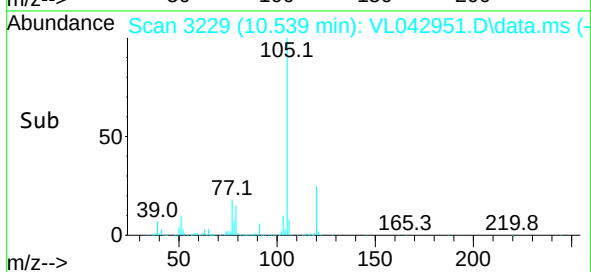
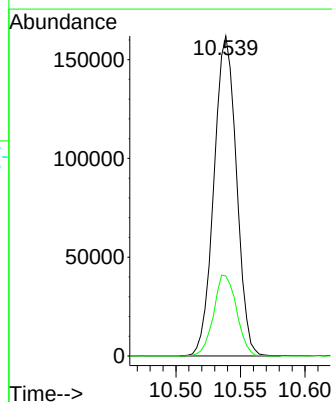
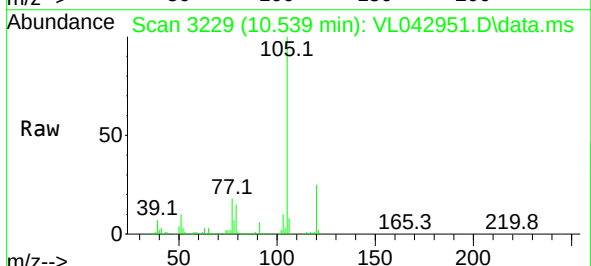
Manual Integrations
APPROVED

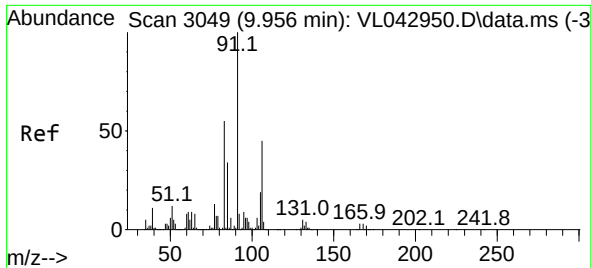
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#62
Isopropylbenzene
Concen: 2.103 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

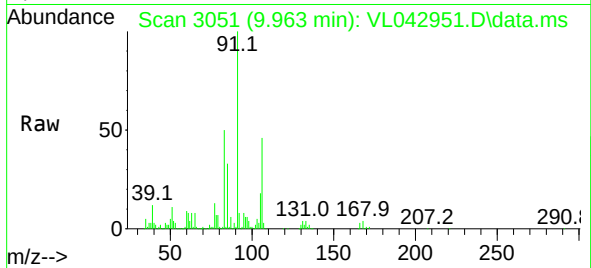
Tgt Ion:105 Resp: 196198
Ion Ratio Lower Upper
105 100
120 25.7 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 1.978 ppbv
RT: 9.963 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

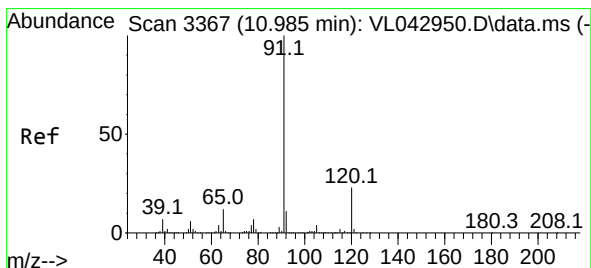
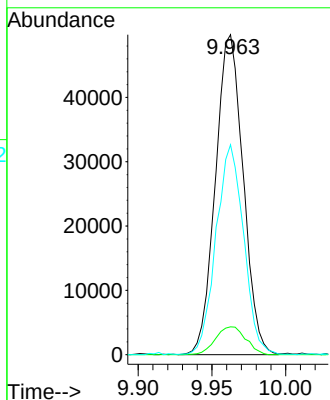
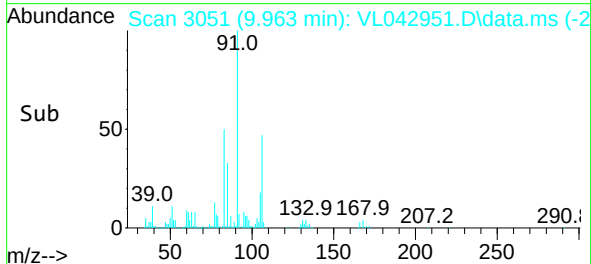
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 83 Resp: 65089
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.9 32.2 96.6

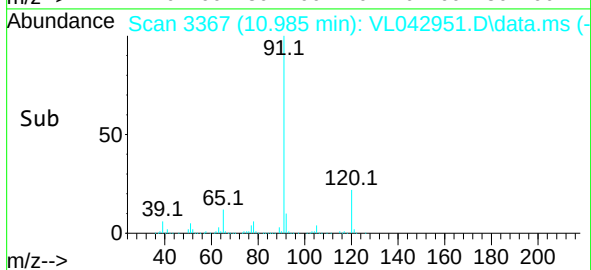
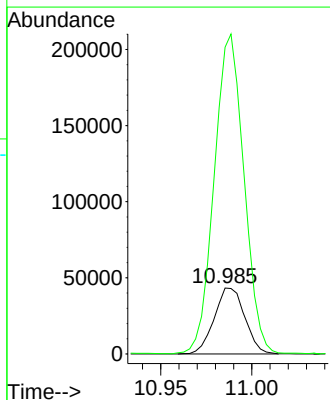
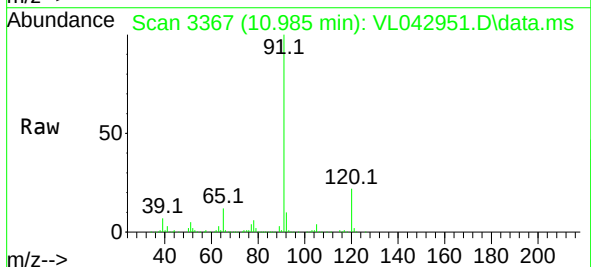
Manual Integrations
APPROVED

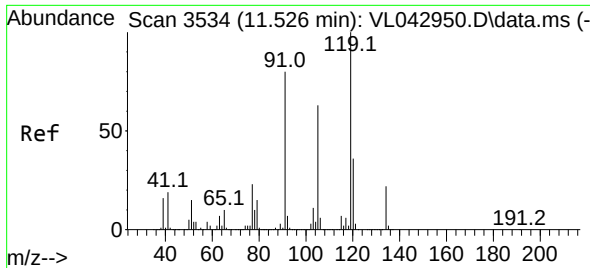
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#64
n-propylbenzene
Concen: 2.074 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

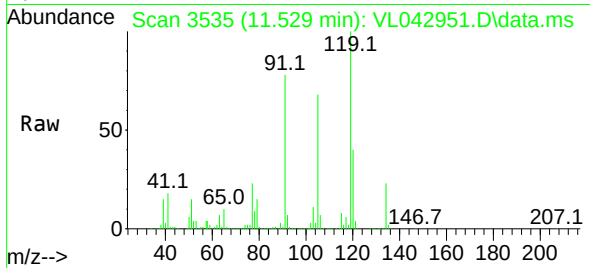
Tgt Ion:120 Resp: 50569
Ion Ratio Lower Upper
120 100
91 474.1 364.9 547.3





#65
tert-Butylbenzene
Concen: 2.147 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

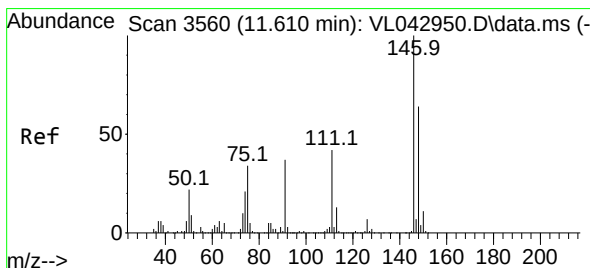
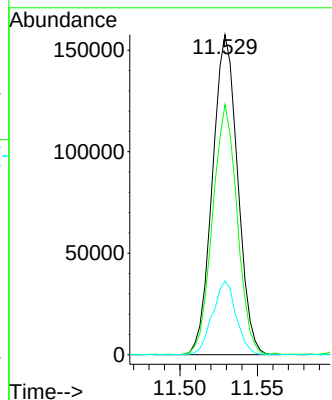
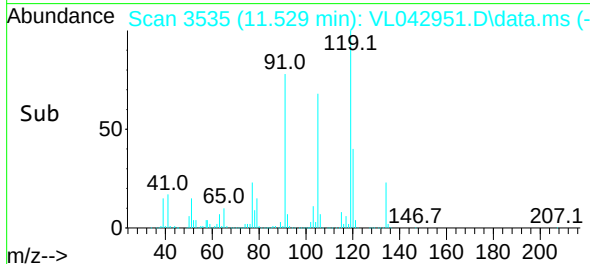
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



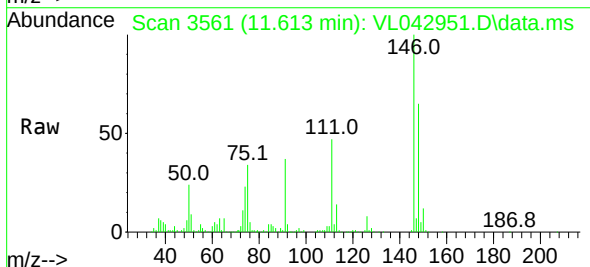
Tgt Ion:119 Resp: 178218
Ion Ratio Lower Upper
119 100
91 76.4 63.1 94.7
134 21.5 17.0 25.6

Manual Integrations
APPROVED

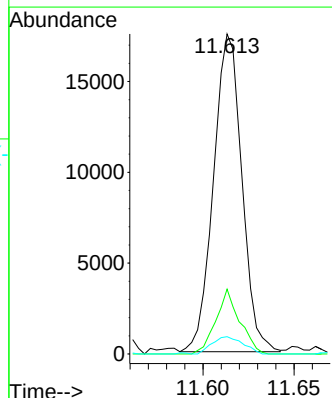
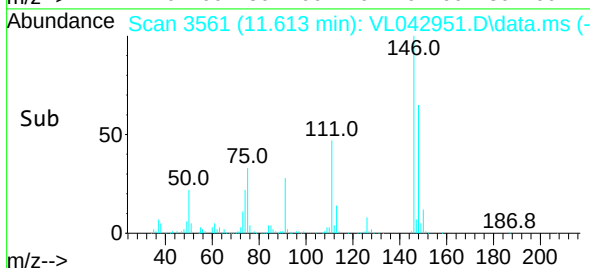
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

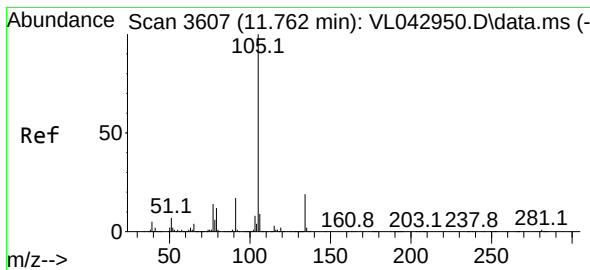


#66
Benzyl Chloride
Concen: 2.181 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



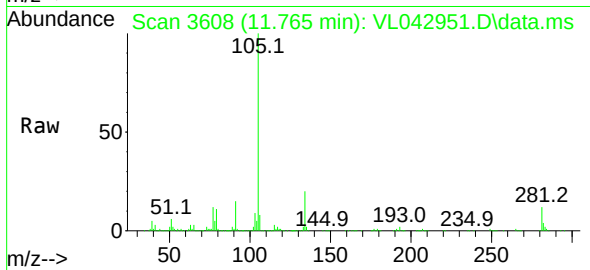
Tgt Ion: 91 Resp: 18992
Ion Ratio Lower Upper
91 100
126 17.1 14.6 21.8
128 6.0 5.0 7.4





#67
 sec-Butylbenzene
 Concen: 2.158 ppbv
 RT: 11.765 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

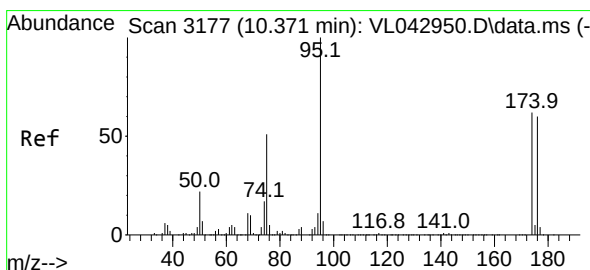
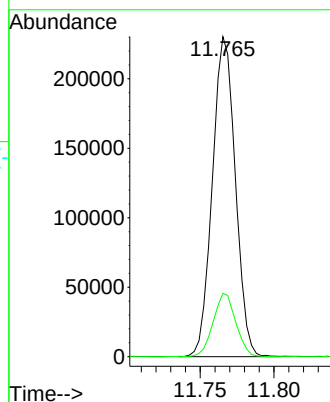
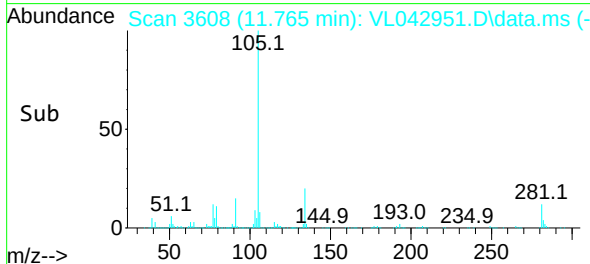
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



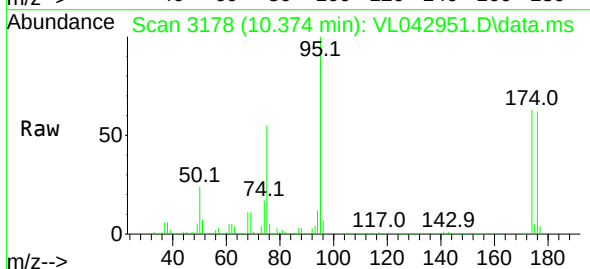
Tgt Ion:105 Resp: 249510
 Ion Ratio Lower Upper
 105 100
 134 19.6 15.7 23.5

Manual Integrations
 APPROVED

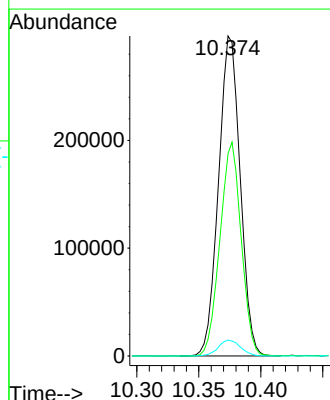
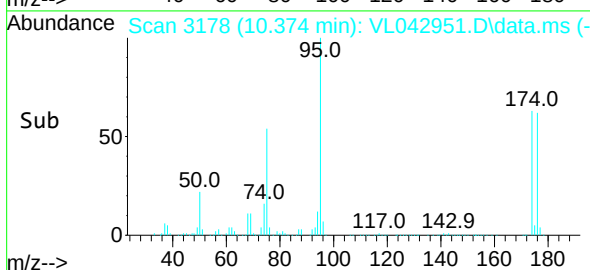
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

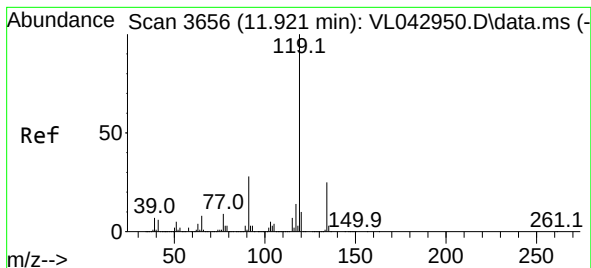


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.012 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14



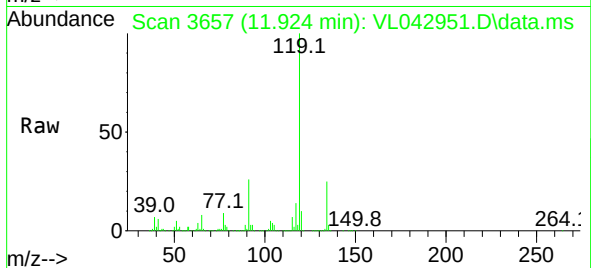
Tgt Ion: 95 Resp: 361586
 Ion Ratio Lower Upper
 95 100
 174 65.6 51.4 77.2
 175 5.1 4.0 6.0





#69
p-Isopropyltoluene
Concen: 2.158 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

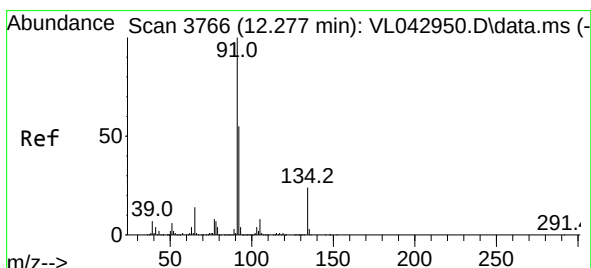
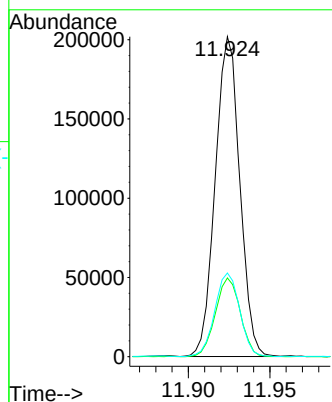
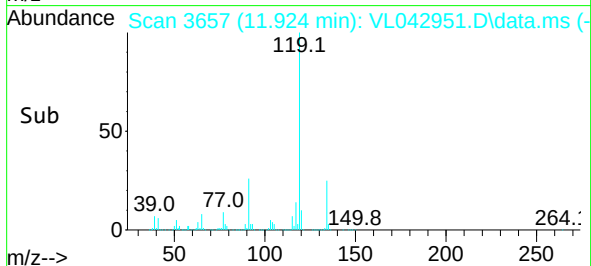
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



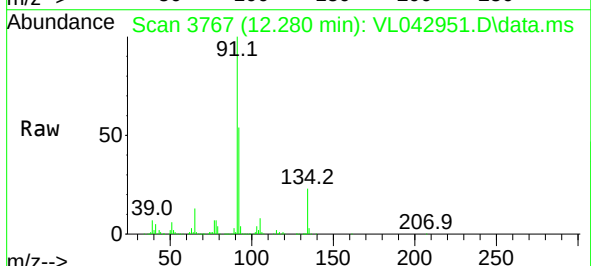
Tgt Ion: 119 Resp: 210808
Ion Ratio Lower Upper
119 100
134 25.0 21.0 31.4
91 26.4 22.3 33.5

Manual Integrations
APPROVED

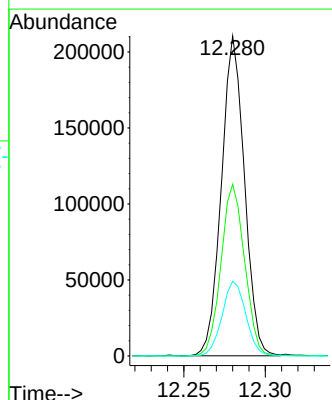
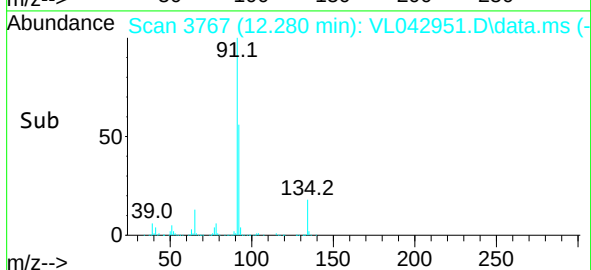
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

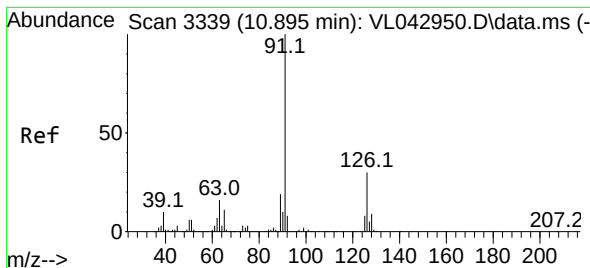


#70
n-Butylbenzene
Concen: 2.167 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion: 91 Resp: 206691
Ion Ratio Lower Upper
91 100
92 55.0 44.0 66.0
134 24.1 19.4 29.2





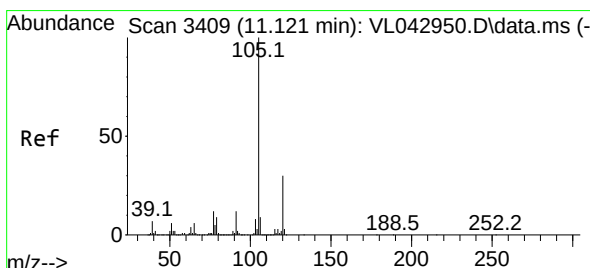
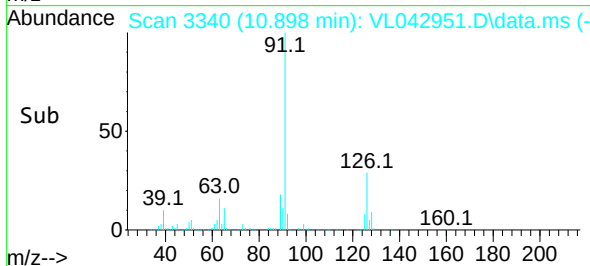
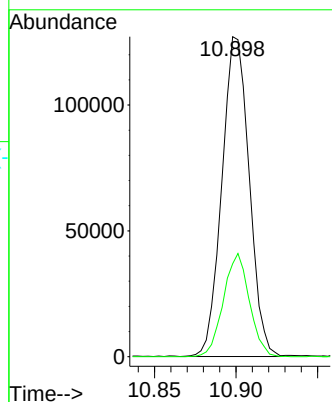
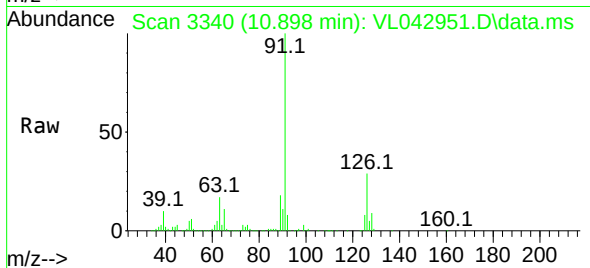
#71
2-Chlorotoluene
Concen: 2.099 ppbv
RT: 10.898 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 14790
Ion Ratio Lower Upper
91 100
126 30.7 12.3 49.3

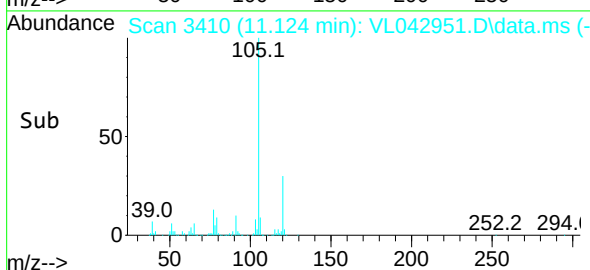
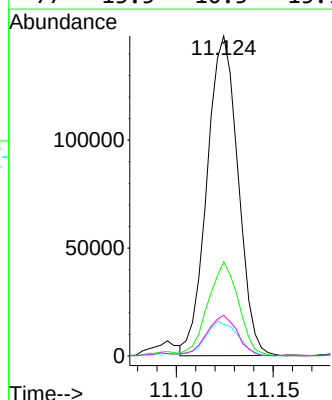
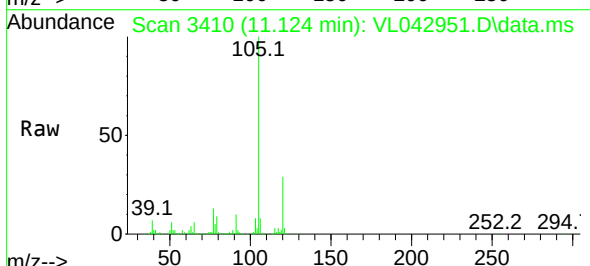
Manual Integrations
APPROVED

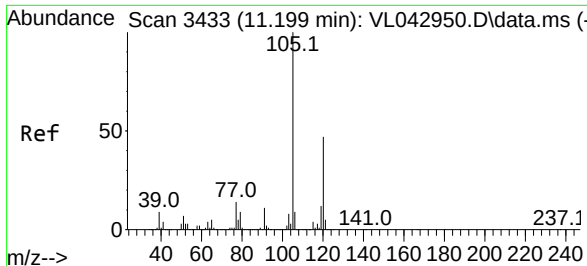
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#72
4-Ethyltoluene
Concen: 2.102 ppbv
RT: 11.124 min Scan# 3410
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

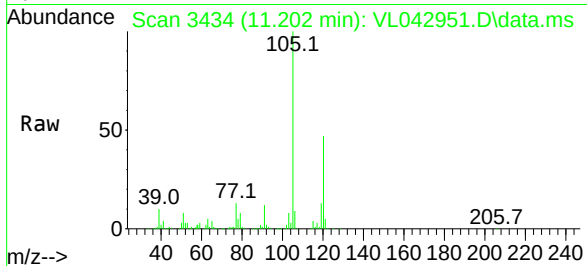
Tgt Ion:105 Resp: 164770
Ion Ratio Lower Upper
105 100
120 30.4 24.2 36.2
91 12.2 10.0 15.0
77 13.5 10.5 15.7





#73
1,3,5-Trimethylbenzene
Concen: 2.128 ppbv
RT: 11.202 min Scan# 3434
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

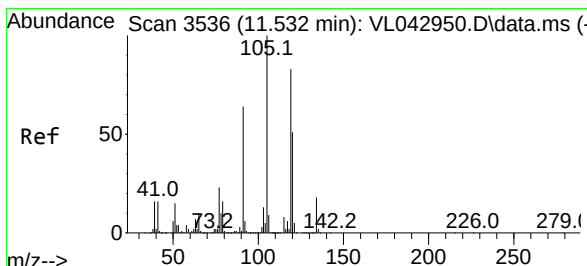
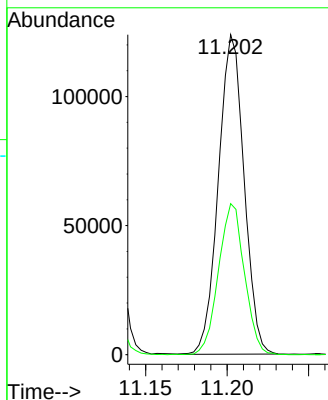
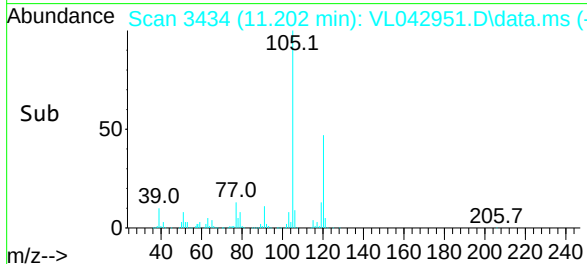
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



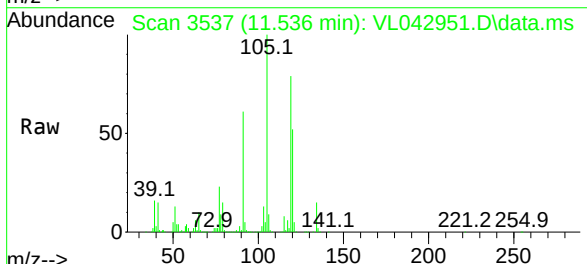
Tgt Ion:105 Resp: 135344
Ion Ratio Lower Upper
105 100
120 47.3 38.0 57.0

Manual Integrations
APPROVED

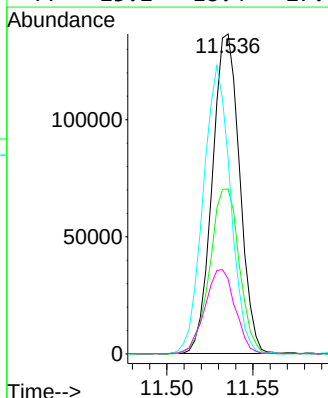
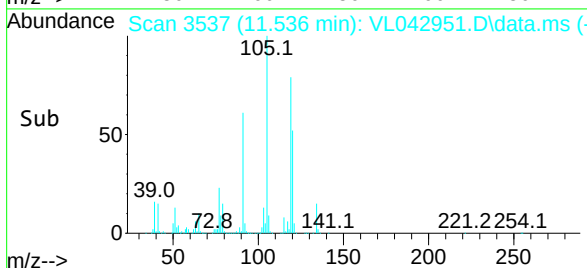
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

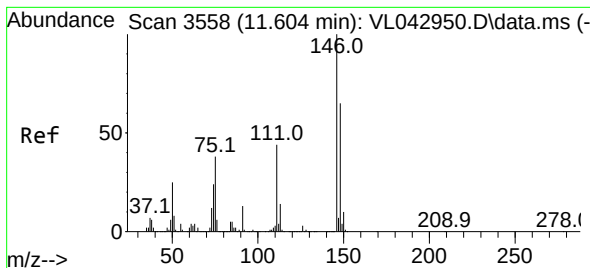


#74
1,2,4-Trimethylbenzene
Concen: 2.147 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



Tgt Ion:105 Resp: 150772
Ion Ratio Lower Upper
105 100
120 51.6 40.9 61.3
91 61.0 51.2 76.8
77 23.2 18.4 27.6





#75

1,3-Dichlorobenzene

Concen: 2.124 ppbv

RT: 11.607 min Scan# 3558

Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

Instrument :

MSVOA_L

ClientSampleId :

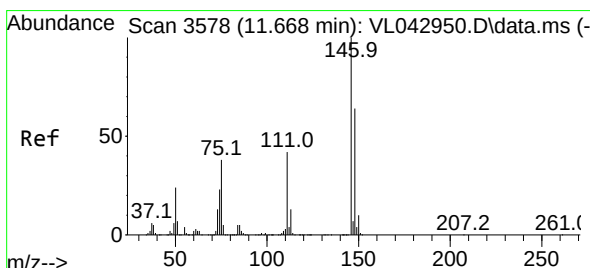
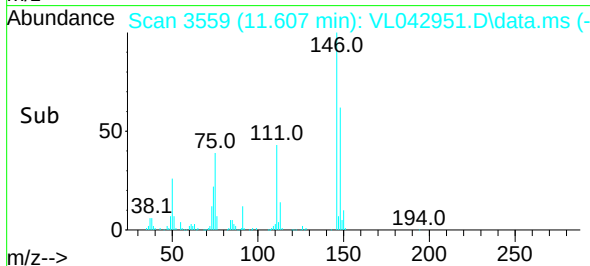
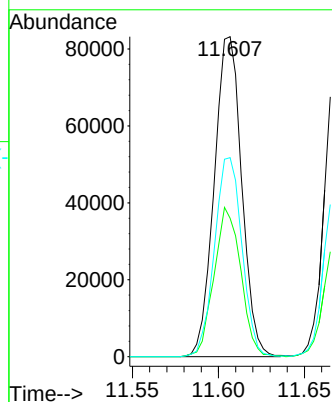
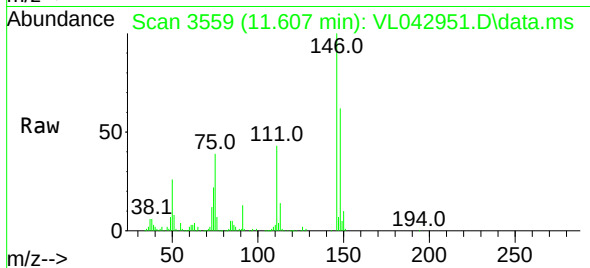
VSTDIC002

Tgt Ion:	146	Resp:	9248
Ion Ratio	Lower	Upper	
146	100		
111	45.3	22.3	66.9
148	62.1	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#76

1,4-Dichlorobenzene

Concen: 2.145 ppbv

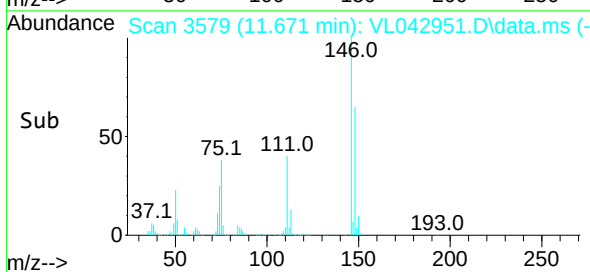
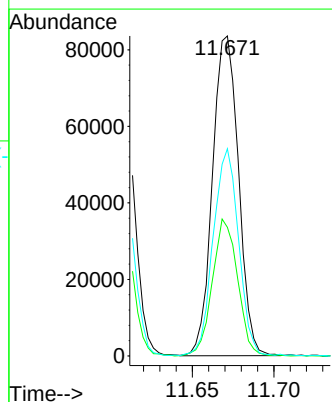
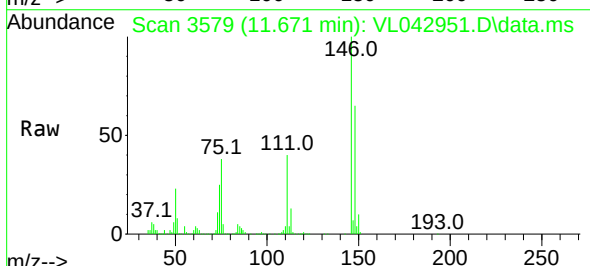
RT: 11.671 min Scan# 3579

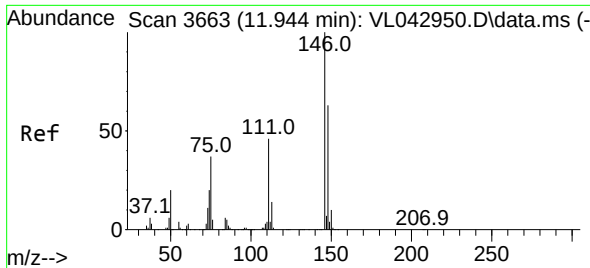
Delta R.T. 0.003 min

Lab File: VL042951.D

Acq: 22 Sep 2025 10:14

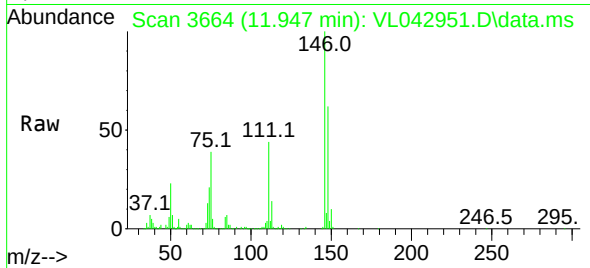
Tgt Ion:	146	Resp:	92794
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.5	64.5
148	63.6	31.9	95.5





#77
1,2-Dichlorobenzene
Concen: 2.144 ppbv
RT: 11.947 min Scan# 3663
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

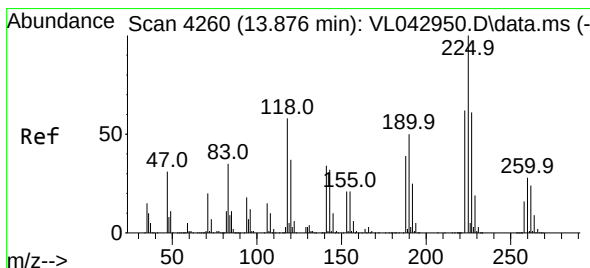
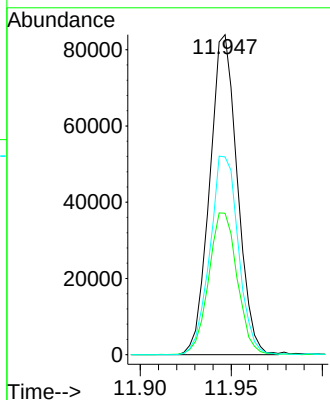
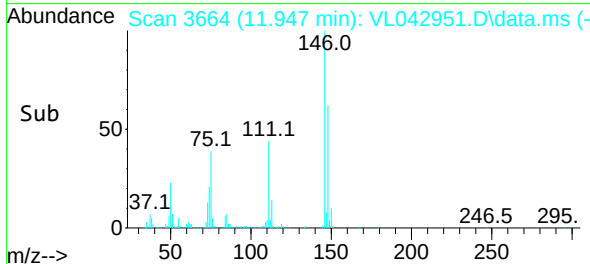
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



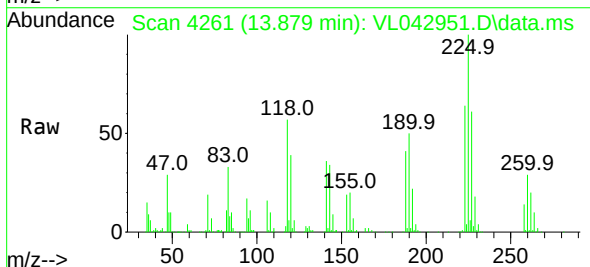
Tgt Ion:146 Resp: 88825
Ion Ratio Lower Upper
146 100
111 45.8 23.1 69.3
148 64.0 32.0 96.0

Manual Integrations
APPROVED

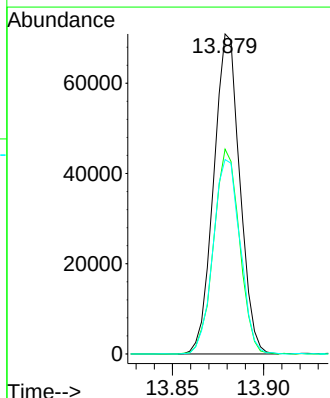
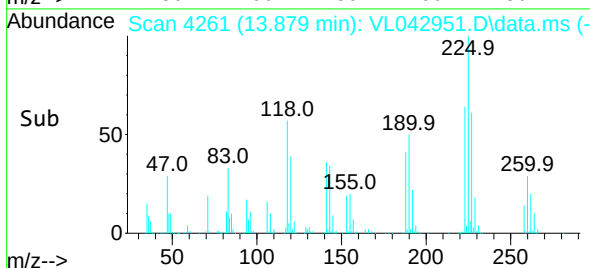
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

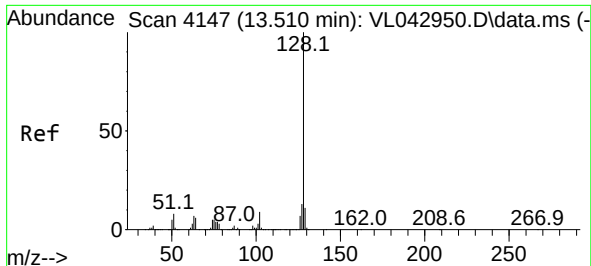


#78
Hexachloro-1,3-Butadiene
Concen: 2.175 ppbv
RT: 13.879 min Scan# 4261
Delta R.T. 0.003 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



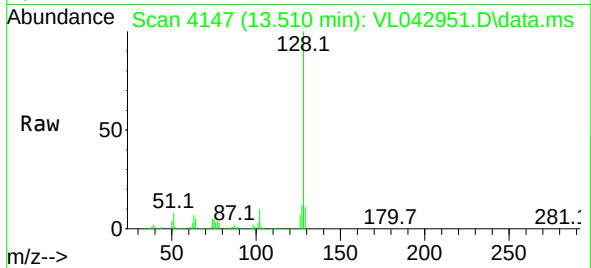
Tgt Ion:225 Resp: 70481
Ion Ratio Lower Upper
225 100
223 63.3 50.1 75.1
227 63.3 50.4 75.6





#79
Naphthalene
Concen: 2.297 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. -0.000 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14

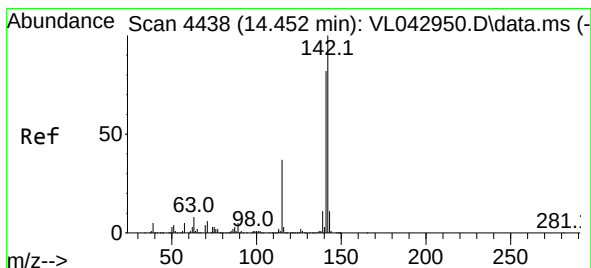
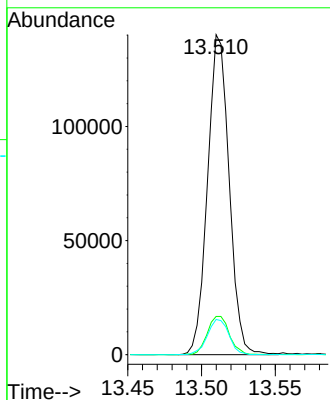
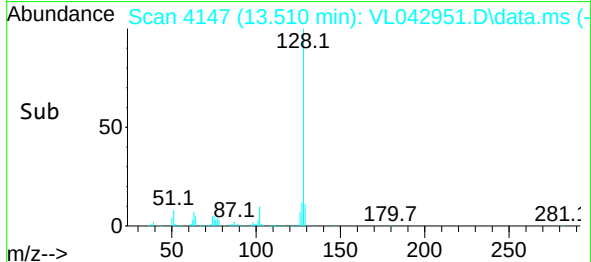
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



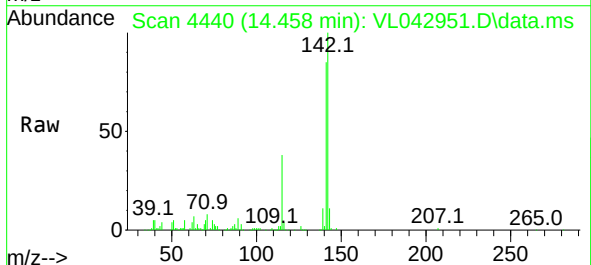
Tgt Ion:128 Resp: 142651
Ion Ratio Lower Upper
128 100
127 12.0 10.6 15.8
129 11.0 9.0 13.6

Manual Integrations
APPROVED

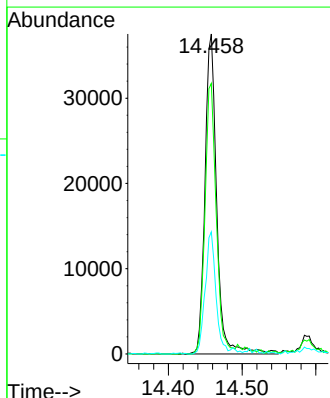
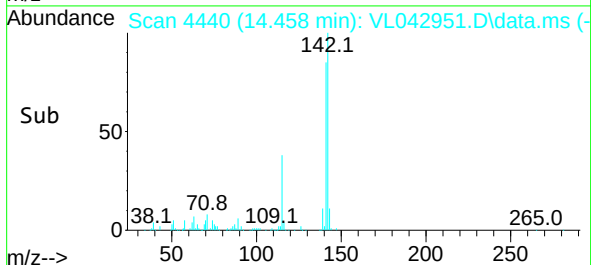
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

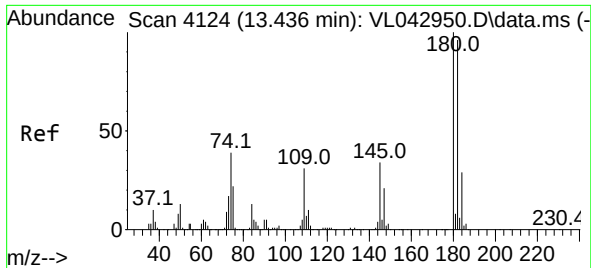


#80
Naphthalene,2-methyl-
Concen: 2.157 ppbv
RT: 14.458 min Scan# 4440
Delta R.T. 0.006 min
Lab File: VL042951.D
Acq: 22 Sep 2025 10:14



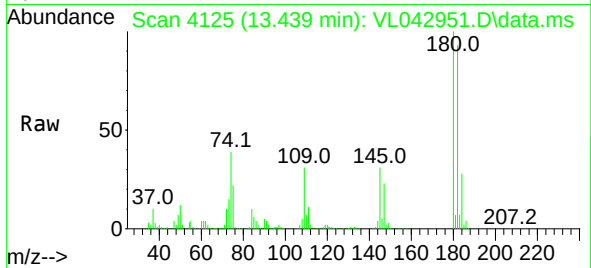
Tgt Ion:142 Resp: 41369
Ion Ratio Lower Upper
142 100
141 83.8 65.1 97.7
115 36.1 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 2.263 ppbv
 RT: 13.439 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL042951.D
 Acq: 22 Sep 2025 10:14

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion:180 Resp: 75139
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.7 113.5
 184 29.0 23.9 35.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

