

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042526.D
 Acq On : 12 May 2025 09:33
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

Quant Time: May 12 23:46:08 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.778	49	112966	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.946	114	322544	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	280550	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.368 95 241358 9.887 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

					Qvalue
7) Chloroethane	1.697	64	1199m	0.398	ppbv
9) Propene	1.496	41	284m	0.070	ppbv
10) Heptane	4.966	43	30573	1.975	ppbv 100
11) Trichlorofluoromethane	1.868	101	22463	1.273	ppbv 94
12) 1,1,2-Trichlorotrifluo...	2.134	101	28064	1.980	ppbv 95
13) Ethanol	1.716	45	2046	1.846	ppbv # 51
15) Acetone	1.833	43	36764	2.037	ppbv 97
16) 1,3-Butadiene	1.583	39	267	0.033	ppbv # 44
17) tert-Butyl alcohol	2.036	59	31202	1.871	ppbv 96
18) 1,1-Dichloroethene	2.027	96	12780	2.058	ppbv 94
19) Isopropyl Alcohol	1.881	45	18697	1.907	ppbv # 98
20) Methylene Chloride	2.056	84	11090	1.764	ppbv 96
21) Allyl Chloride	2.091	41	23586	1.974	ppbv # 78
22) trans-1,2-Dichloroethene	2.331	96	14116	1.943	ppbv 86
23) Vinyl Acetate	2.457	43	31189	1.650	ppbv # 95
24) 1,1-Dichloroethane	2.402	63	27904	1.985	ppbv 98
25) Ethyl Acetate	2.829	43	62897	1.984	ppbv # 97
26) Hexane	2.817	57	26559	2.041	ppbv 96
27) Carbon Disulfide	2.140	76	4850	0.289	ppbv # 1
28) Methyl tert-Butyl Ether	2.435	73	14506	2.007	ppbv 96
29) Chloroform	2.842	83	53440	1.980	ppbv 94
30) Cyclohexane	3.849	84	21741	2.035	ppbv 95
31) cis-1,2-Dichloroethene	2.713	61	27706	1.886	ppbv 96
32) 1,1,1-Trichloroethane	3.357	97	52233	1.919	ppbv 97
34) 2-Butanone	2.554	43	43134	2.029	ppbv 96
35) Carbon Tetrachloride	3.752	117	55274	1.906	ppbv 94
36) Benzene	3.645	78	58586	2.050	ppbv 96
37) 1,2-Dichloroethane	3.211	62	39319	1.928	ppbv 99
38) Trichloroethene	4.538	130	23828	1.951	ppbv 92
39) 1,2-Dichloropropane	4.302	63	20752	1.950	ppbv # 76
40) 1,4-Dioxane	4.587	88	8270m	1.950	ppbv
41) Tetrahydrofuran	3.053	42	18370	2.003	ppbv 98
42) Bromodichloromethane	4.480	83	55363	2.038	ppbv 90
43) Methyl Methacrylate	4.878	69	18530	1.941	ppbv 95
44) 2,2,4-Trimethylpentane	4.626	57	90191	2.009	ppbv 97
45) t-1,3-Dichloropropene	6.399	75	23004m	1.887	ppbv
46) cis-1,3-Dichloropropene	5.590	75	28582m	1.944	ppbv
47) 1,1,2-Trichloroethane	6.568	97	24759	1.976	ppbv # 88
48) Dibromochloromethane	7.377	129	41867	2.000	ppbv 100
49) Bromoform	9.478	173	33801	1.968	ppbv 98
50) 4-Methyl-2-Pentanone	5.749	43	50310m	2.018	ppbv
51) 2-Hexanone	7.432	43	36951	1.994	ppbv # 97
52) Tetrachloroethene	8.212	164	20417	1.854	ppbv 95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042526.D
 Acq On : 12 May 2025 09:33
 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 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

Quant Time: May 12 23:46:08 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Mon May 12 23:42:45 2025

Response via : Initial Calibration

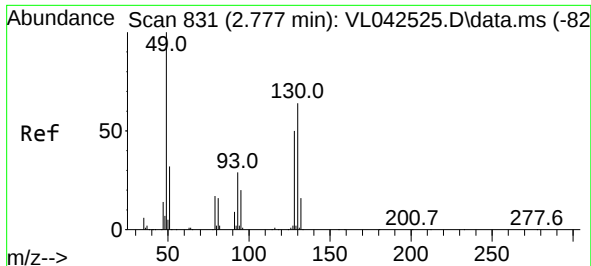
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) Toluene	6.924	91	53508	1.908	ppbv	96
54) 1,2-Dibromoethane	7.642	107	35440	1.936	ppbv	90
56) 1,1,1,2-Tetrachloroethane	8.914	131	33789	1.943	ppbv	98
57) Chlorobenzene	8.911	112	54542	1.936	ppbv #	92
58) Ethyl Benzene	9.348	91	73830	1.931	ppbv	96
59) m/p-Xylene	9.542	91	141720m	4.166	ppbv	
60) o-Xylene	9.957	91	69105	2.085	ppbv	98
61) Styrene	9.863	104	21989	1.801	ppbv	96
62) Isopropylbenzene	10.533	105	100391	2.010	ppbv	98
63) 1,1,2,2-Tetrachloroethane	9.957	83	51679	1.944	ppbv	97
64) n-propylbenzene	10.983	120	25847	2.042	ppbv	86
65) tert-Butylbenzene	11.526	119	99543	2.170	ppbv	96
66) Benzyl Chloride	11.607	91	11099	1.829	ppbv	96
67) sec-Butylbenzene	11.763	105	141237	2.148	ppbv	99
69) p-Isopropyltoluene	11.921	119	117152	2.167	ppbv	100
70) n-Butylbenzene	12.277	91	118263	2.214	ppbv	97
71) 2-Chlorotoluene	10.895	91	75933	2.008	ppbv	98
72) 4-Ethyltoluene	11.118	105	84650	2.057	ppbv	97
73) 1,3,5-Trimethylbenzene	11.199	105	77135	2.152	ppbv	98
74) 1,2,4-Trimethylbenzene	11.533	105	100144	2.271	ppbv #	89
75) 1,3-Dichlorobenzene	11.601	146	55802	2.021	ppbv	96
76) 1,4-Dichlorobenzene	11.665	146	54323	2.068	ppbv	98
77) 1,2-Dichlorobenzene	11.941	146	55926	1.961	ppbv	99
78) Hexachloro-1,3-Butadiene	13.876	225	52757	2.157	ppbv	98
79) Naphthalene	13.510	128	77440	2.544	ppbv	98
80) Naphthalene,2-methyl-	14.455	142	35955	2.030	ppbv	95
81) 1,2,4-Trichlorobenzene	13.436	180	42643	2.294	ppbv	97

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

Manual Integrations

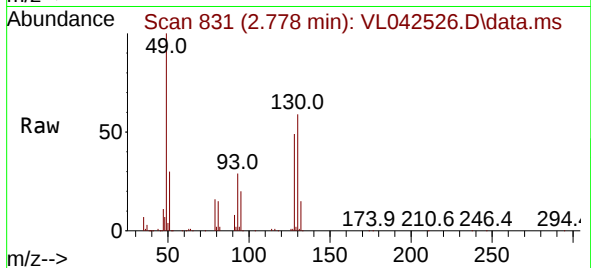
Quant Time: May 12 23:46:08 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon May 12 23:42:45 2025
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.778 min Scan# 811
Delta R.T. 0.001 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

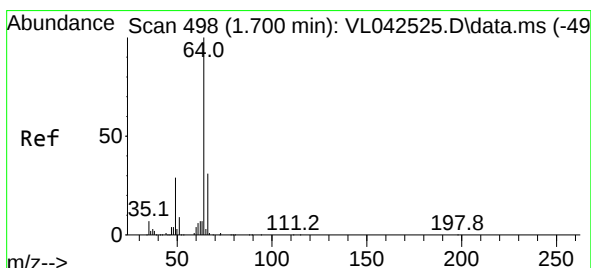
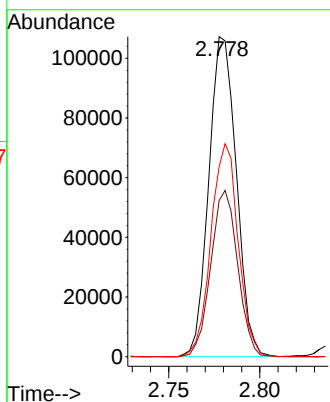
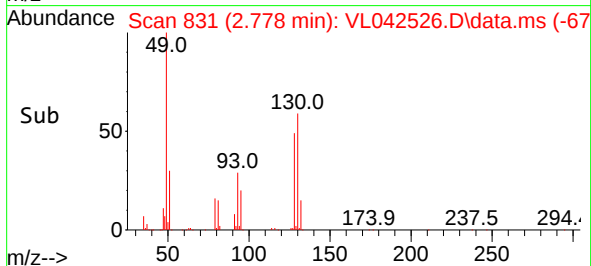
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 112960
Ion Ratio Lower Upper
49 100
128 50.7 24.9 74.6
130 65.6 32.5 97.5

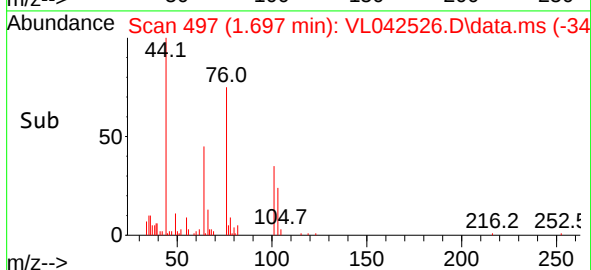
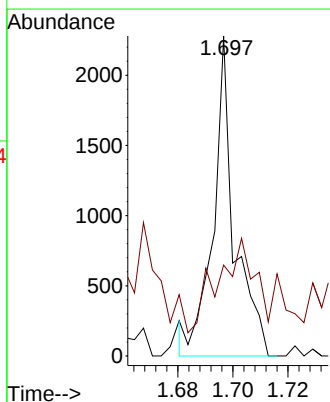
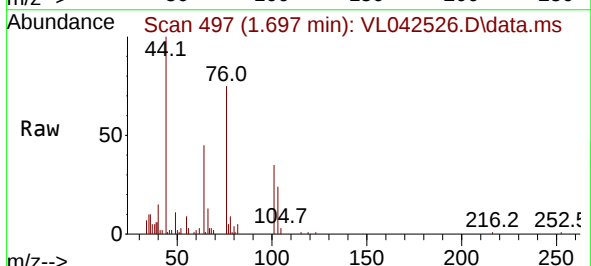
Manual Integrations
APPROVED

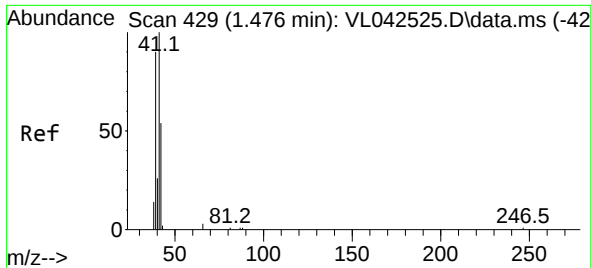
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#7
Chloroethane
Concen: 0.398 ppbv m
RT: 1.697 min Scan# 497
Delta R.T. -0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion: 64 Resp: 1199
Ion Ratio Lower Upper
64 100
66 28.4 25.1 37.7





#9

Propene

Concen: 0.070 ppbv m

RT: 1.496 min Scan# 41

Delta R.T. 0.020 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

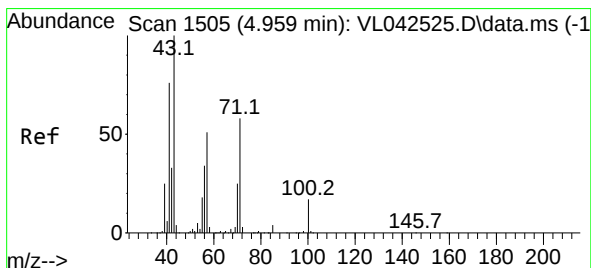
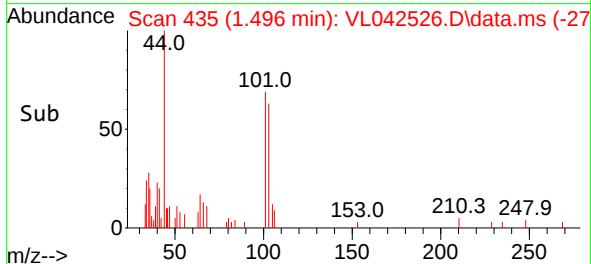
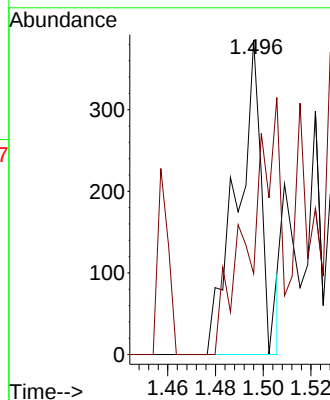
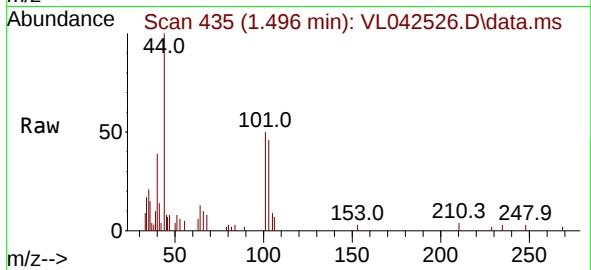
VSTDICC002

Tgt Ion: 41 Resp: 284
 Ion Ratio Lower Upper
 41 100
 42 0.0 4.1 6.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#10

Heptane

Concen: 1.975 ppbv

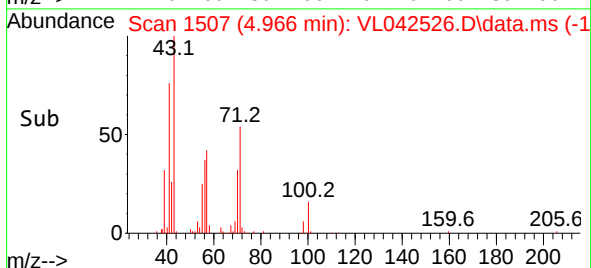
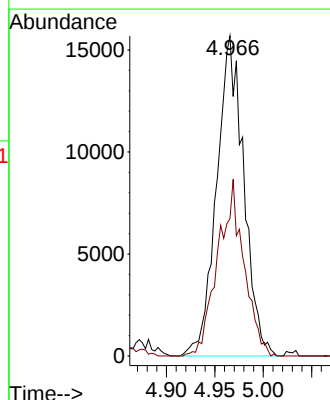
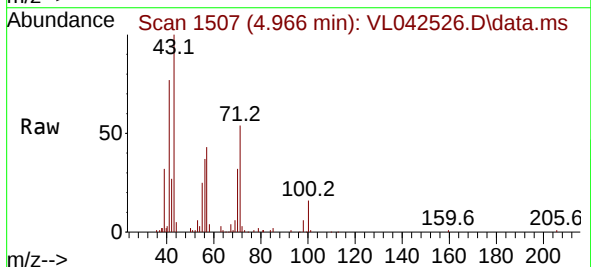
RT: 4.966 min Scan# 1507

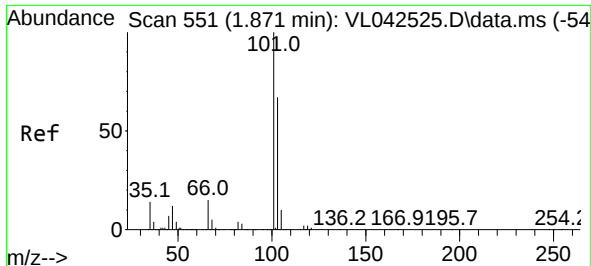
Delta R.T. 0.007 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

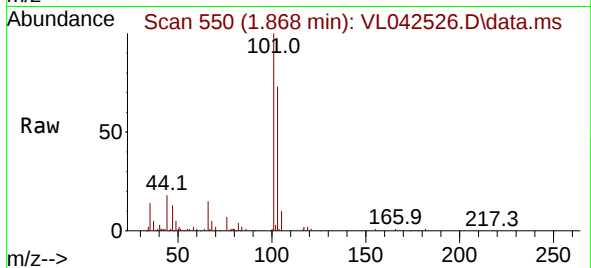
Tgt Ion: 43 Resp: 30573
 Ion Ratio Lower Upper
 43 100
 57 52.9 42.1 63.1





#11
 Trichlorofluoromethane
 Concen: 1.273 ppbv
 RT: 1.868 min Scan# 511
 Delta R.T. -0.003 min
 Lab File: VL042526.D
 Acq: 12 May 2025 09:33

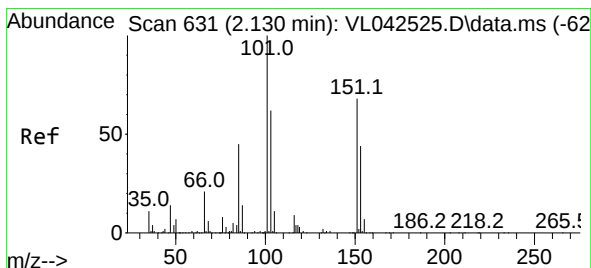
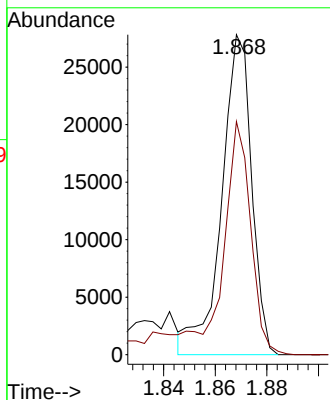
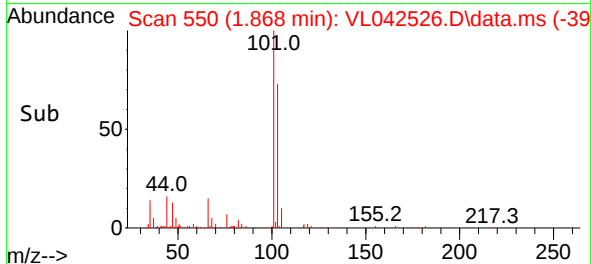
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



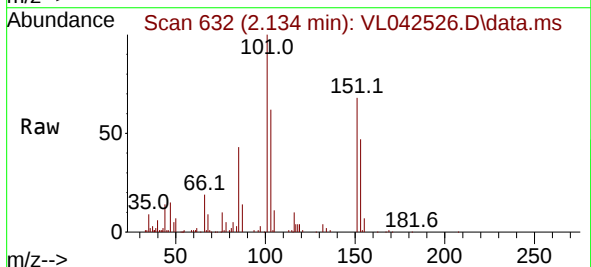
Tgt Ion:101 Resp: 2246
 Ion Ratio Lower Upper
 101 100
 103 71.8 53.8 80.6

Manual Integrations
 APPROVED

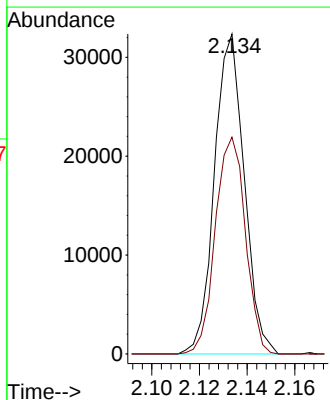
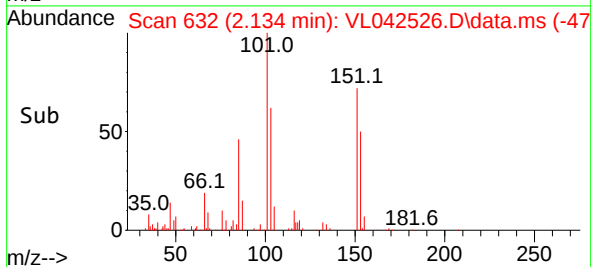
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025

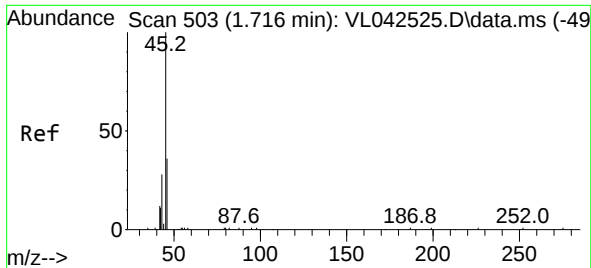


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.980 ppbv
 RT: 2.134 min Scan# 632
 Delta R.T. 0.003 min
 Lab File: VL042526.D
 Acq: 12 May 2025 09:33



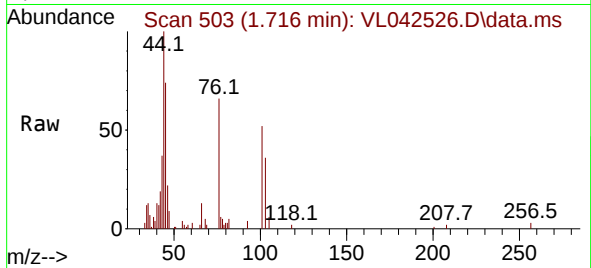
Tgt Ion:101 Resp: 28064
 Ion Ratio Lower Upper
 101 100
 151 68.4 57.8 86.8





#13
Ethanol
Concen: 1.846 ppbv
RT: 1.716 min Scan# 503
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

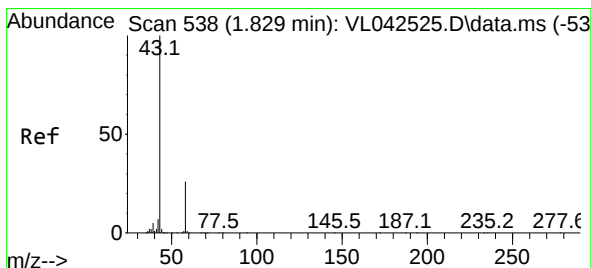
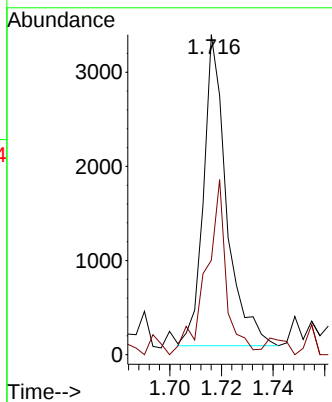
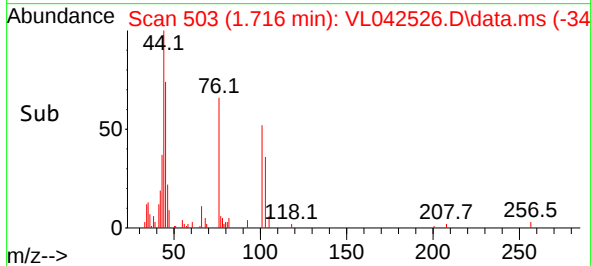
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



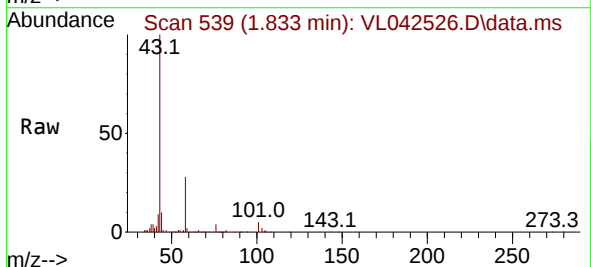
Tgt Ion: 45 Resp: 2040
Ion Ratio Lower Upper
45 100
46 66.4 14.8 59.4

Manual Integrations
APPROVED

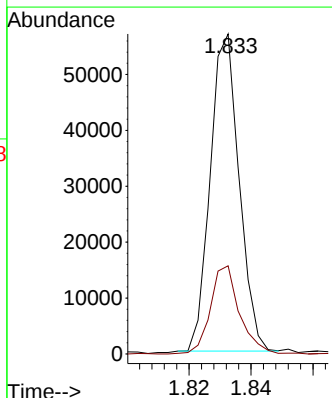
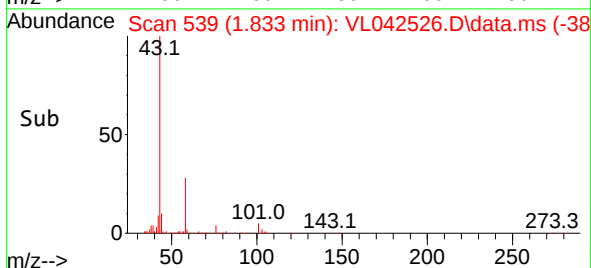
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

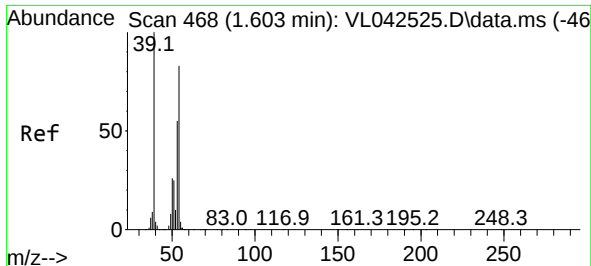


#15
Acetone
Concen: 2.037 ppbv
RT: 1.833 min Scan# 539
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion: 43 Resp: 36764
Ion Ratio Lower Upper
43 100
58 28.1 21.3 31.9





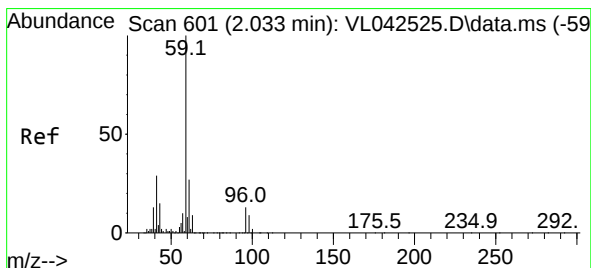
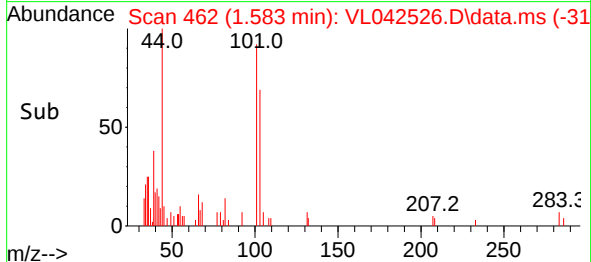
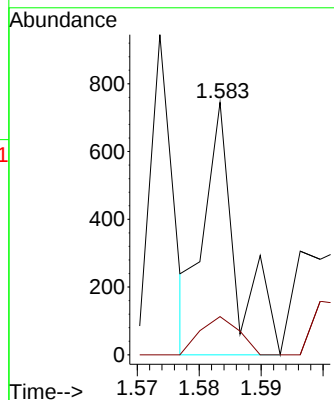
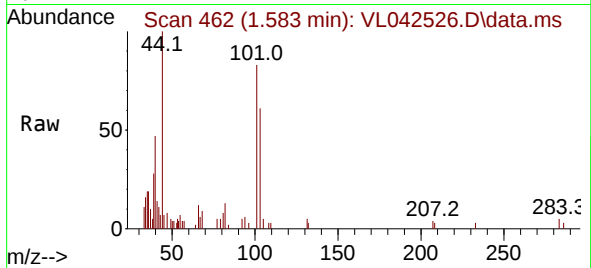
#16
1,3-Butadiene
Concen: 0.033 ppbv
RT: 1.583 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 39 Resp: 26
Ion Ratio Lower Upper
39 100
54 118.7 57.8 86.6

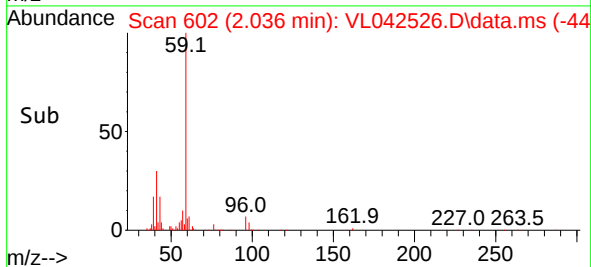
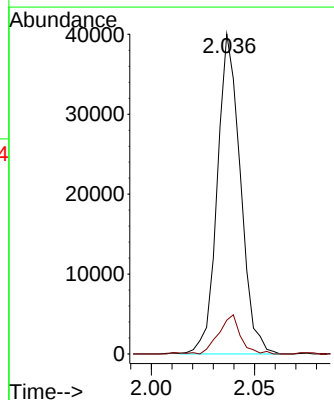
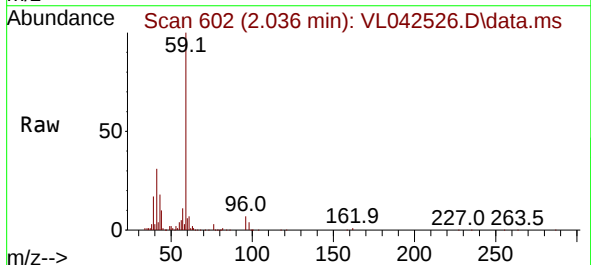
Manual Integrations
APPROVED

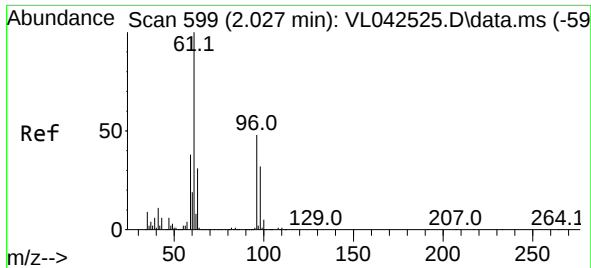
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#17
tert-Butyl alcohol
Concen: 1.871 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

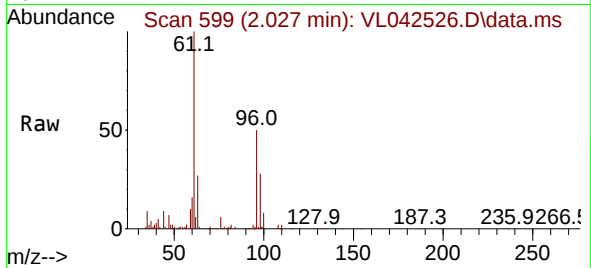
Tgt Ion: 59 Resp: 31202
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4





#18
1,1-Dichloroethene
Concen: 2.058 ppbv
RT: 2.027 min Scan# 599
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

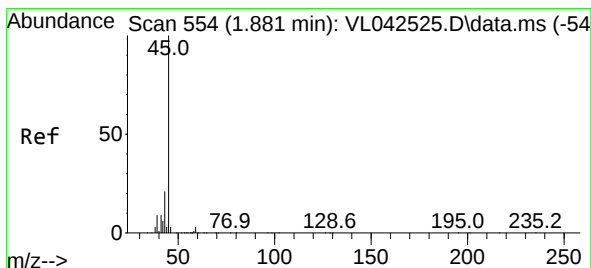
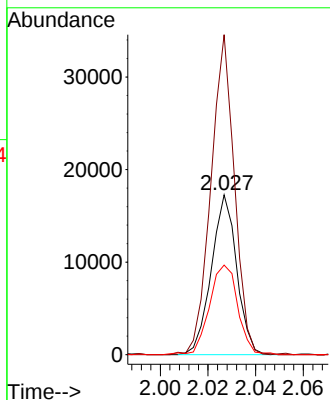
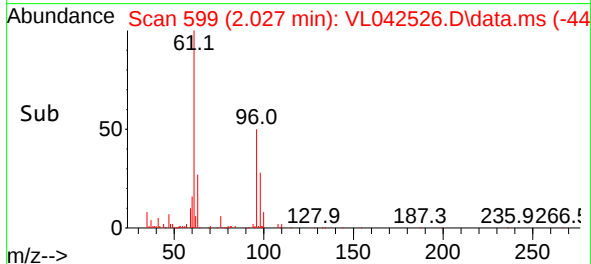
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 96 Resp: 12780
Ion Ratio Lower Upper
96 100
61 199.6 165.0 247.4
98 56.0 52.6 79.0

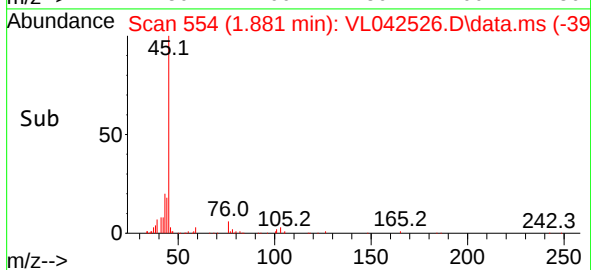
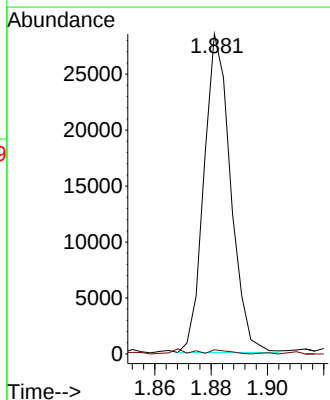
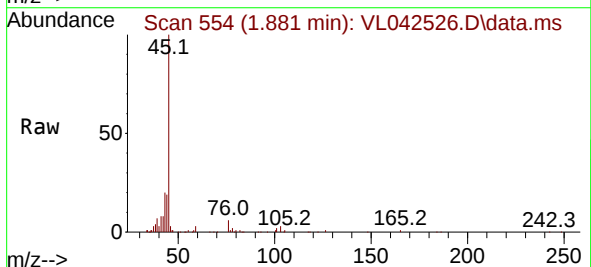
Manual Integrations
APPROVED

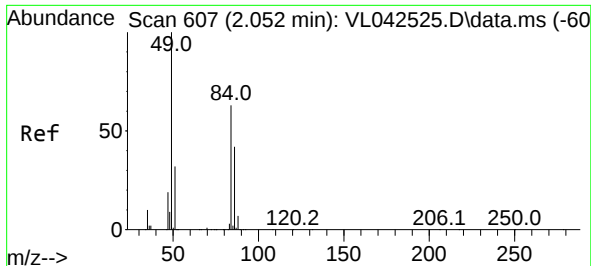
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#19
Isopropyl Alcohol
Concen: 1.907 ppbv
RT: 1.881 min Scan# 554
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion: 45 Resp: 18697
Ion Ratio Lower Upper
45 100
58 2.5 1.5 2.3#





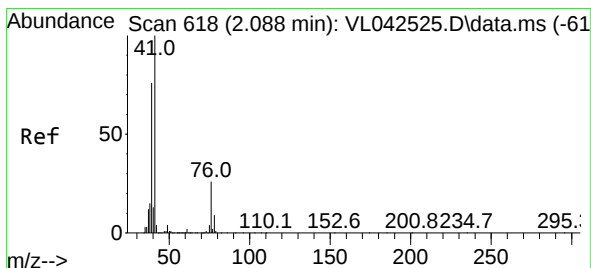
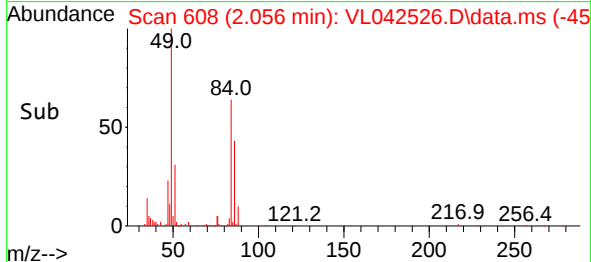
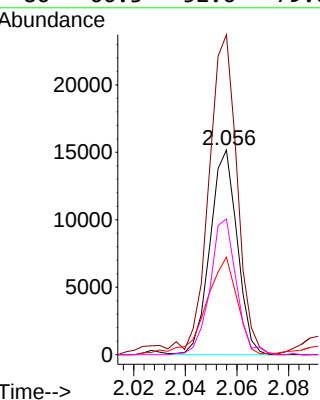
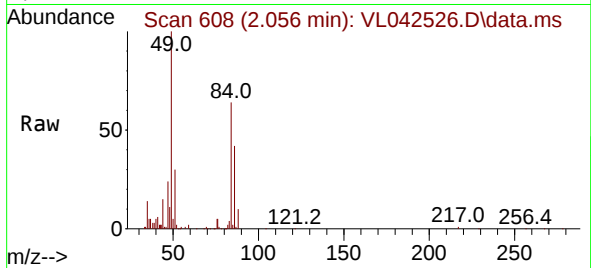
#20
Methylene Chloride
Concen: 1.764 ppbv
RT: 2.056 min Scan# 607
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 84 Resp: 11090
Ion Ratio Lower Upper
84 100
49 154.8 128.2 192.4
51 47.0 41.7 62.5
86 66.3 52.6 79.0

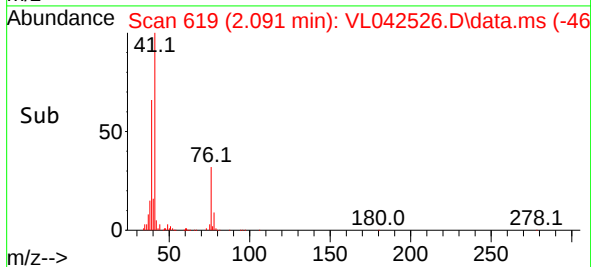
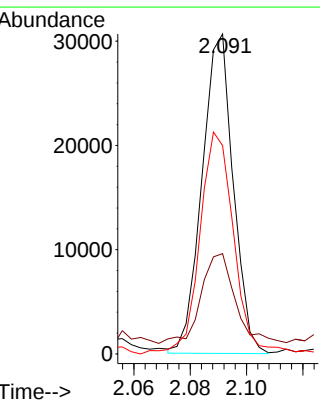
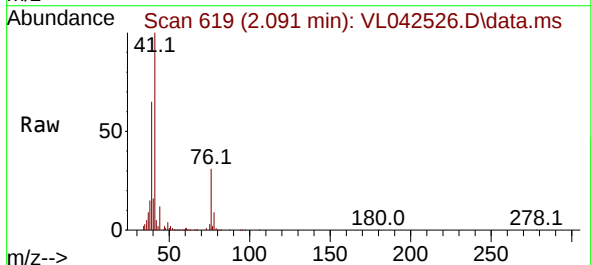
Manual Integrations
APPROVED

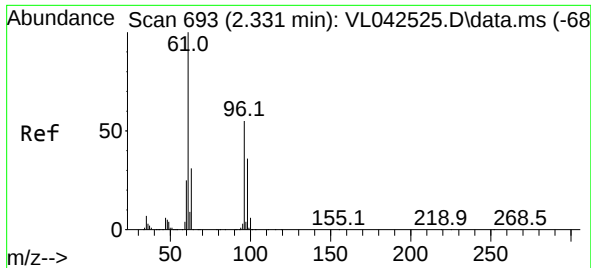
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#21
Allyl Chloride
Concen: 1.974 ppbv
RT: 2.091 min Scan# 619
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

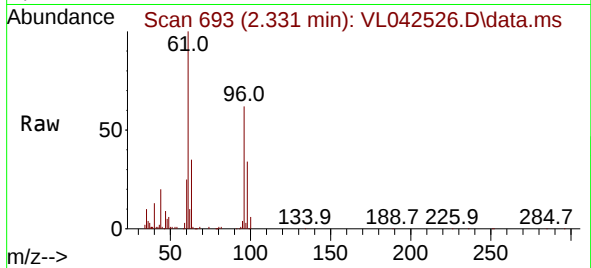
Tgt Ion: 41 Resp: 23586
Ion Ratio Lower Upper
41 100
76 67.7 22.0 33.0#
39 73.2 59.5 89.3





#22
trans-1,2-Dichloroethene
Concen: 1.943 ppbv
RT: 2.331 min Scan# 693
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

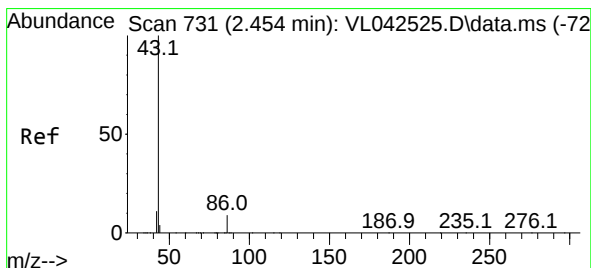
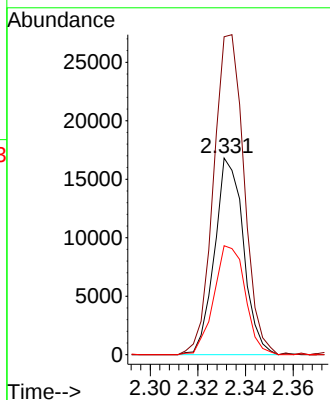
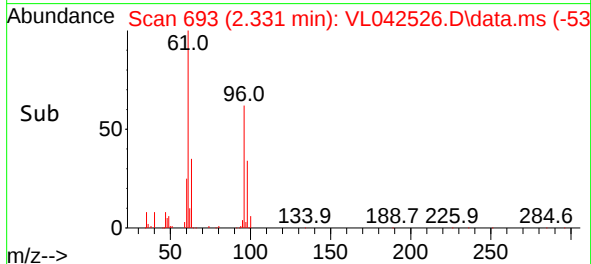
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



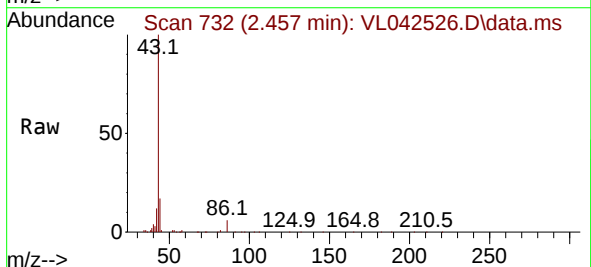
Tgt Ion: 96 Resp: 14110
Ion Ratio Lower Upper
96 100
61 161.7 145.9 218.9
98 55.4 52.2 78.4

Manual Integrations
APPROVED

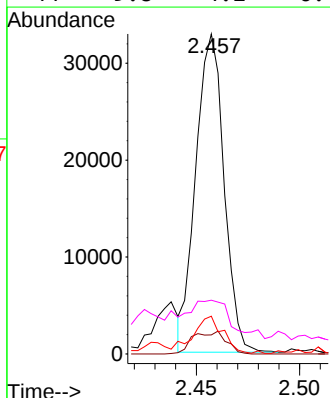
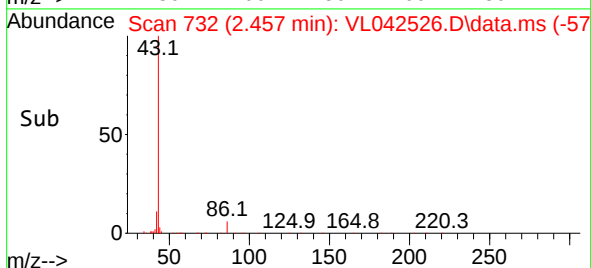
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

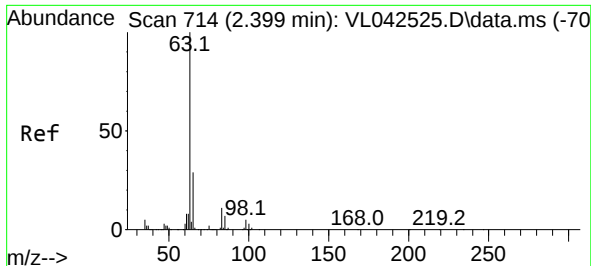


#23
Vinyl Acetate
Concen: 1.650 ppbv
RT: 2.457 min Scan# 732
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion: 43 Resp: 31189
Ion Ratio Lower Upper
43 100
86 6.0 6.8 10.2#
42 10.9 8.8 13.2
44 9.8 4.2 6.4#





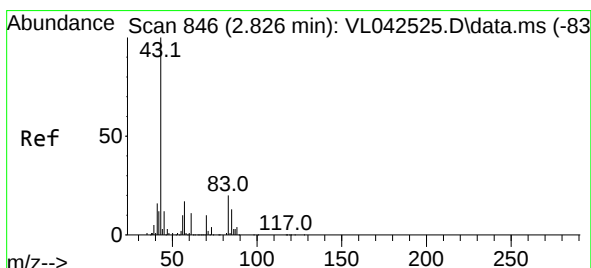
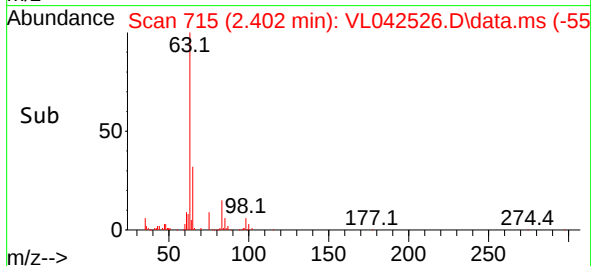
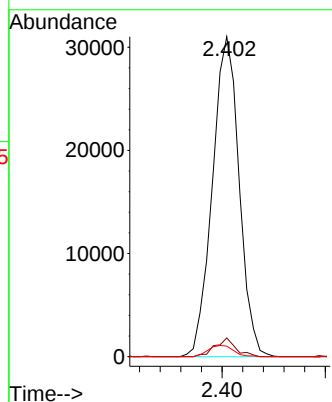
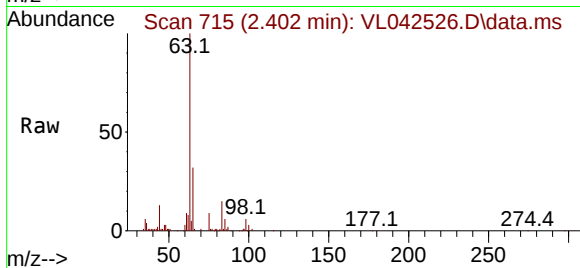
#24
1,1-Dichloroethane
Concen: 1.985 ppbv
RT: 2.402 min Scan# 715
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 63 Resp: 27904
Ion Ratio Lower Upper
63 100
98 5.8 2.6 8.0
100 3.3 1.4 4.2

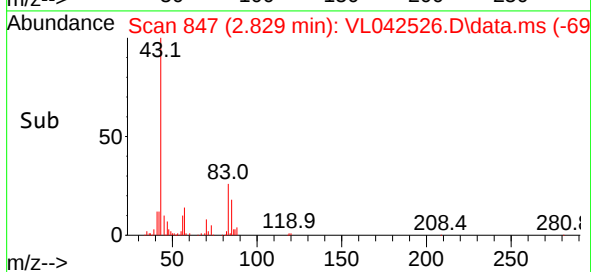
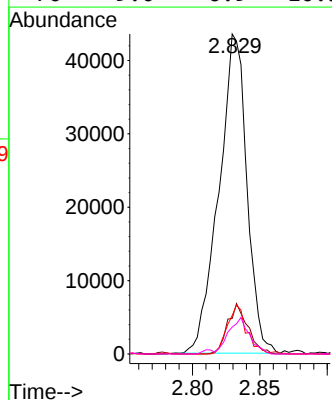
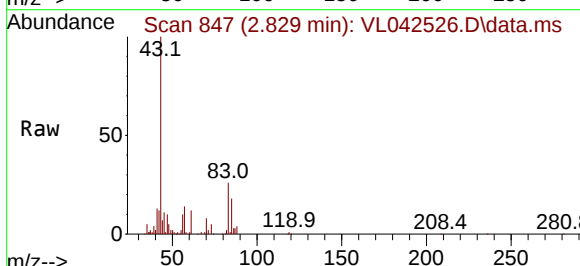
Manual Integrations
APPROVED

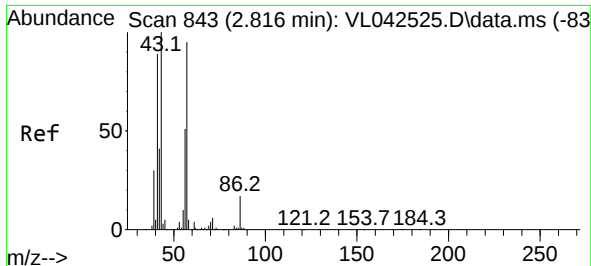
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#25
Ethyl Acetate
Concen: 1.984 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

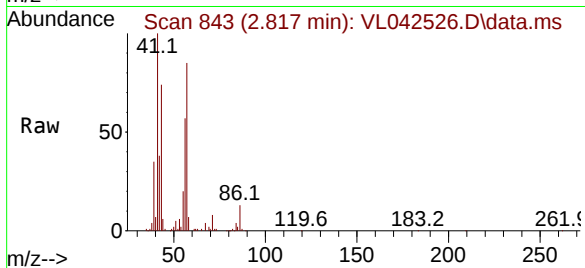
Tgt Ion: 43 Resp: 62897
Ion Ratio Lower Upper
43 100
45 11.4 7.9 11.9
61 10.7 7.1 10.7#
70 9.0 6.9 10.3





#26
Hexane
Concen: 2.041 ppbv
RT: 2.817 min Scan# 843
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

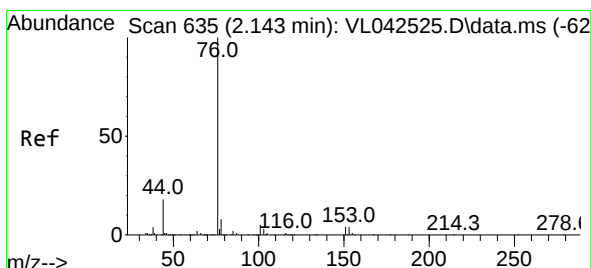
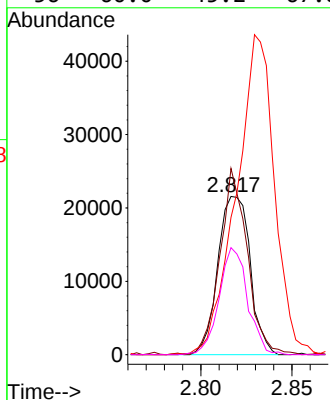
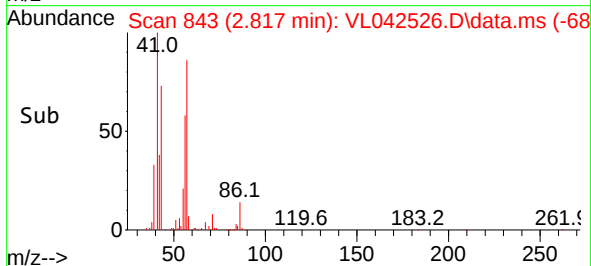
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



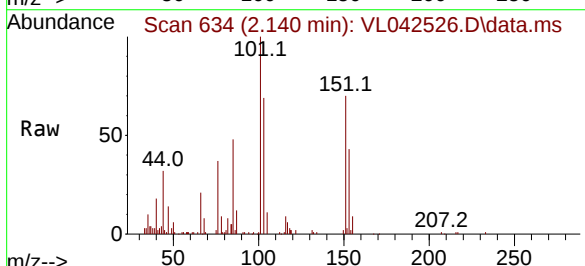
Tgt Ion: 57 Resp: 2655
Ion Ratio Lower Upper
57 100
41 100.8 76.1 114.1
43 241.1 188.9 283.3
56 60.0 45.2 67.8

Manual Integrations
APPROVED

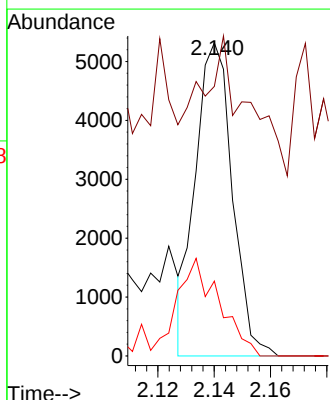
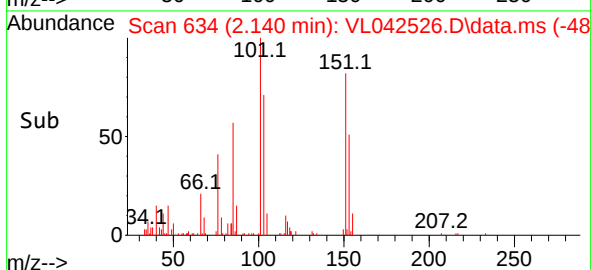
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

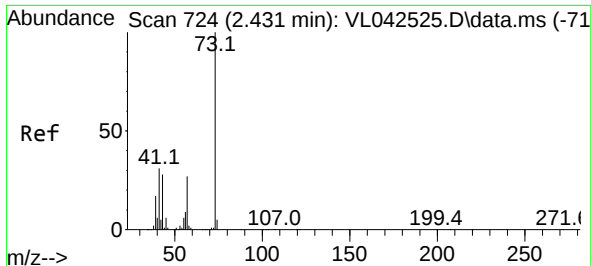


#27
Carbon Disulfide
Concen: 0.289 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



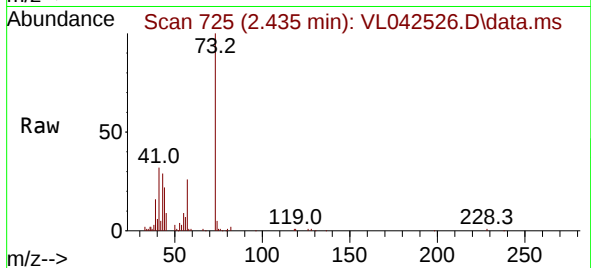
Tgt Ion: 76 Resp: 4850
Ion Ratio Lower Upper
76 100
44 158.2 17.1 25.7#
78 38.0 8.6 12.8#





#28
Methyl tert-Butyl Ether
Concen: 2.007 ppbv
RT: 2.435 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

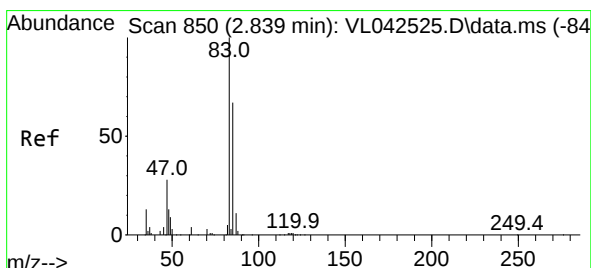
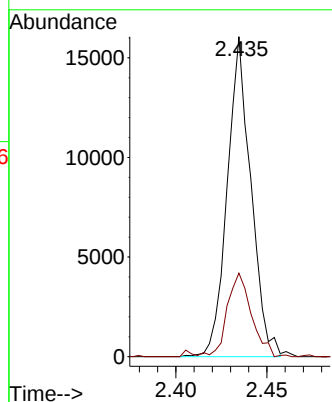
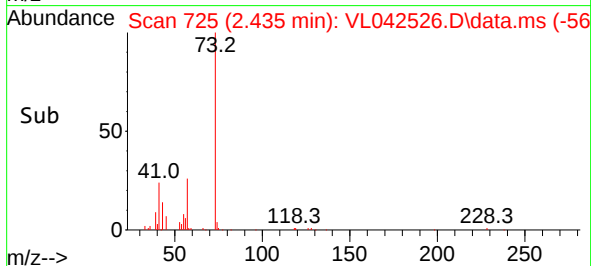
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 73 Resp: 14500
Ion Ratio Lower Upper
73 100
57 27.7 20.3 30.5

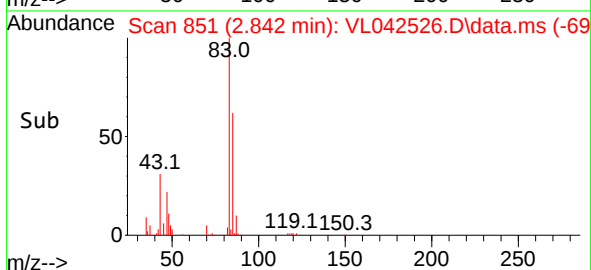
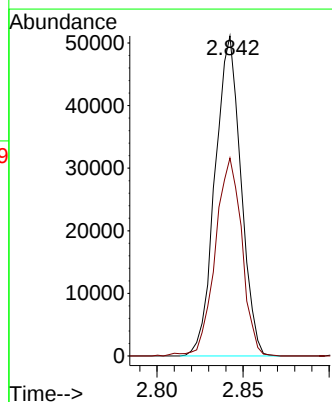
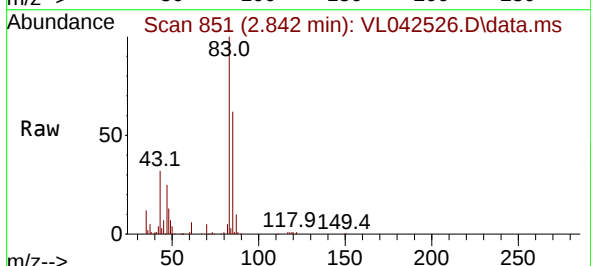
Manual Integrations
APPROVED

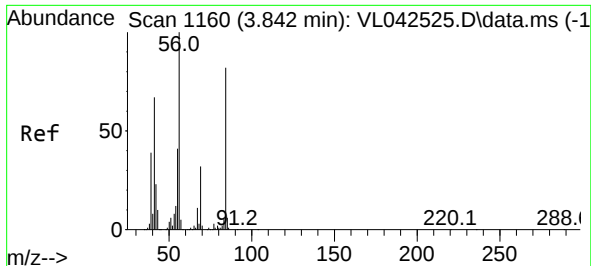
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#29
Chloroform
Concen: 1.980 ppbv
RT: 2.842 min Scan# 851
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

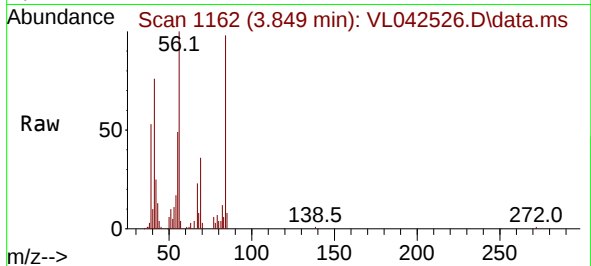
Tgt Ion: 83 Resp: 53440
Ion Ratio Lower Upper
83 100
85 61.8 53.5 80.3





#30
Cyclohexane
Concen: 2.035 ppbv
RT: 3.849 min Scan# 1160
Delta R.T. 0.007 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

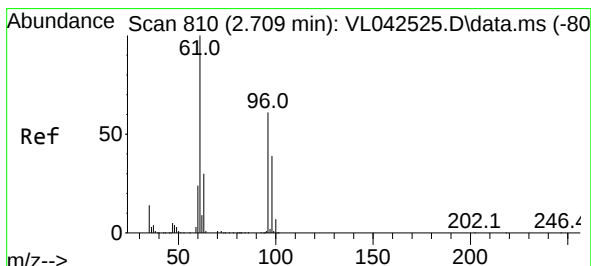
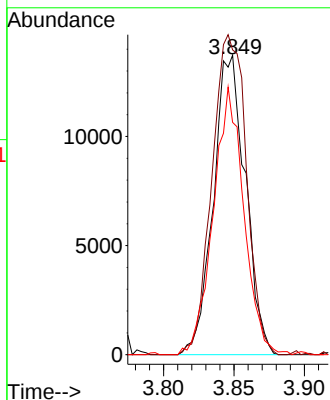
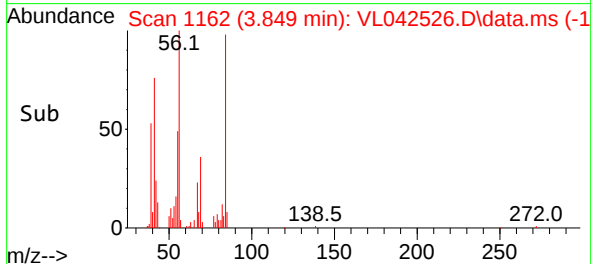
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



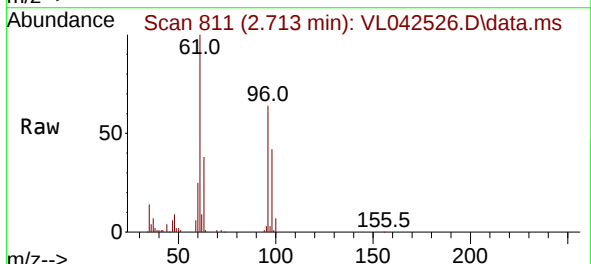
Tgt Ion: 84 Resp: 2174
Ion Ratio Lower Upper
84 100
56 114.9 97.1 145.7
41 85.6 66.6 99.8

Manual Integrations
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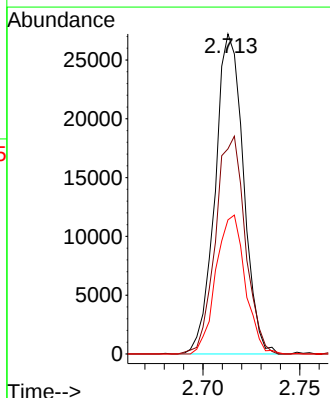
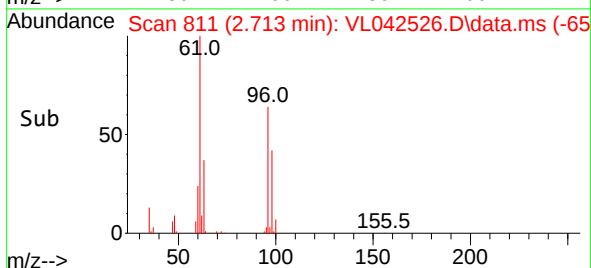
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

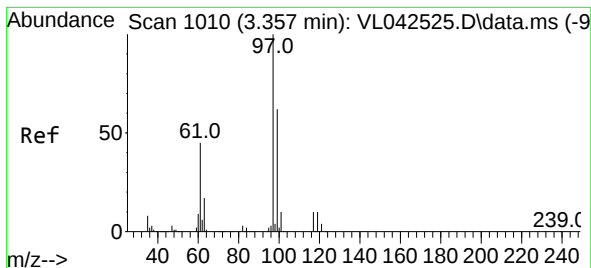


#31
cis-1,2-Dichloroethene
Concen: 1.886 ppbv
RT: 2.713 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion: 61 Resp: 27706
Ion Ratio Lower Upper
61 100
96 64.1 48.9 73.3
98 41.9 31.4 47.2





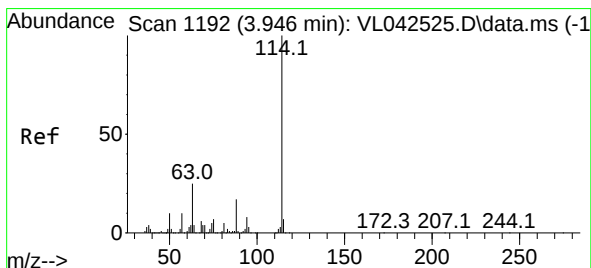
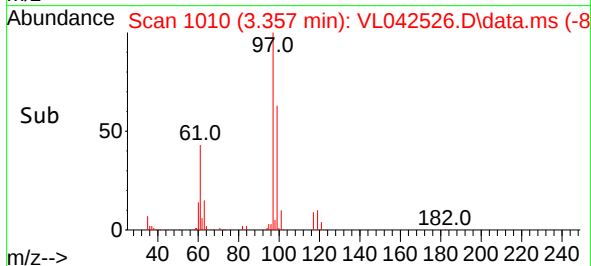
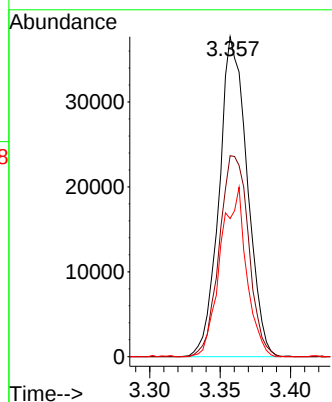
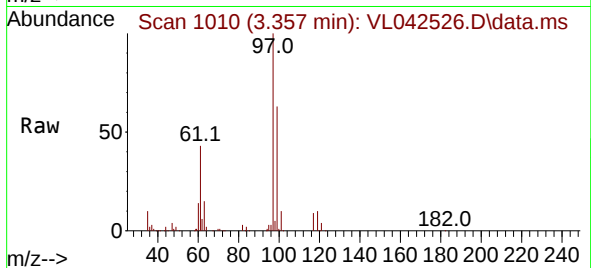
#32
1,1,1-Trichloroethane
Concen: 1.919 ppbv
RT: 3.357 min Scan# 1010
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 97 Resp: 5223
Ion Ratio Lower Upper
97 100
99 65.7 50.1 75.1
61 49.3 38.2 57.2

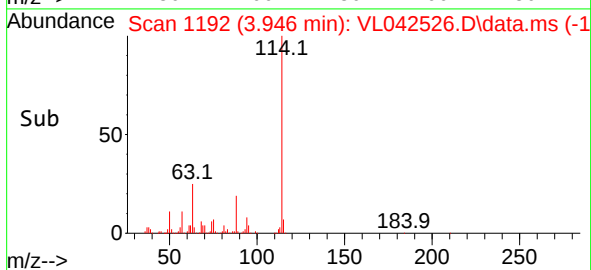
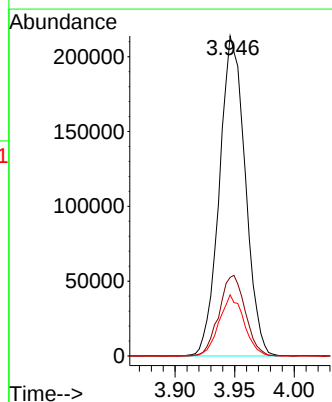
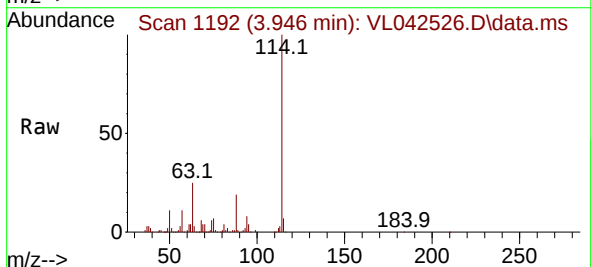
Manual Integrations
APPROVED

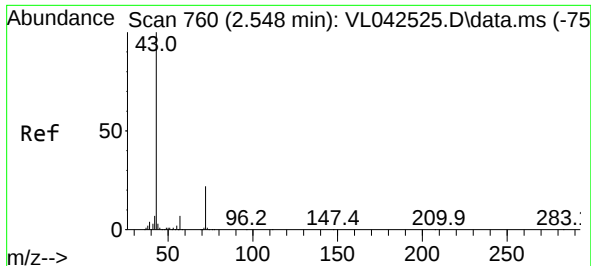
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.946 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion:114 Resp: 322544
Ion Ratio Lower Upper
114 100
63 25.7 20.4 30.6
88 18.3 14.5 21.7





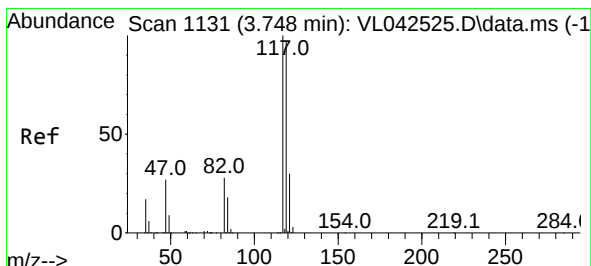
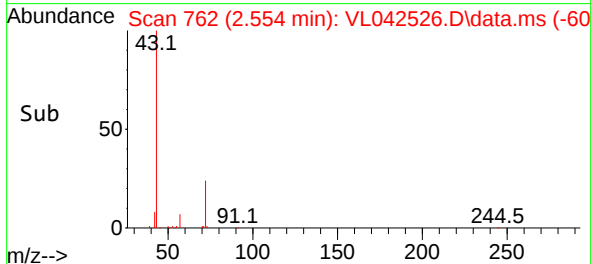
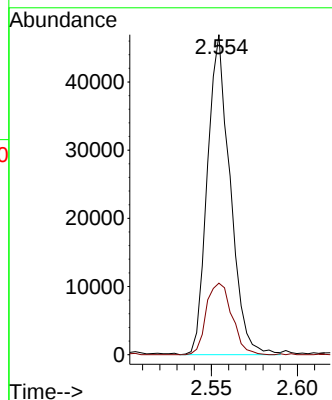
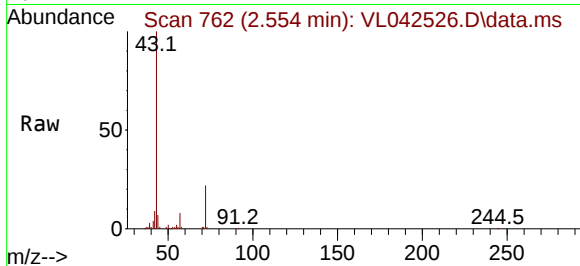
#34
2-Butanone
Concen: 2.029 ppbv
RT: 2.554 min Scan# 761
Delta R.T. 0.007 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 43 Resp: 43134
Ion Ratio Lower Upper
43 100
72 25.3 18.7 28.1

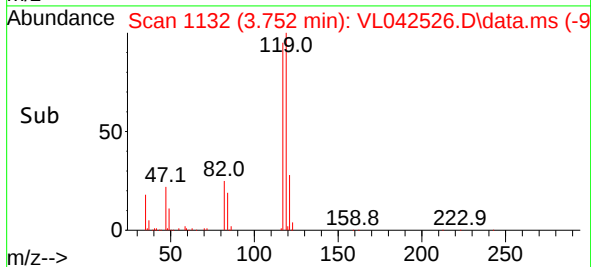
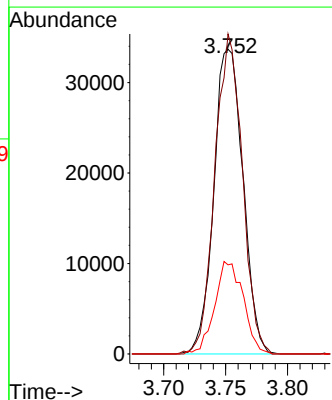
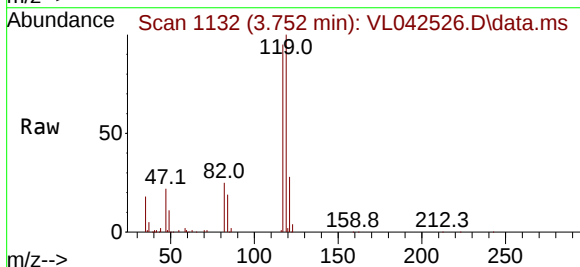
Manual Integrations
APPROVED

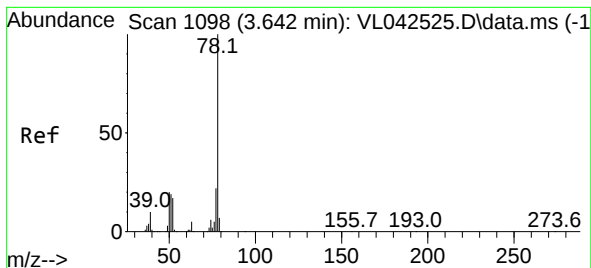
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#35
Carbon Tetrachloride
Concen: 1.906 ppbv
RT: 3.752 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion:117 Resp: 55274
Ion Ratio Lower Upper
117 100
119 105.1 77.7 116.5
121 29.3 24.0 36.0





#36

Benzene

Concen: 2.050 ppbv

RT: 3.645 min Scan# 1098

Delta R.T. 0.003 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

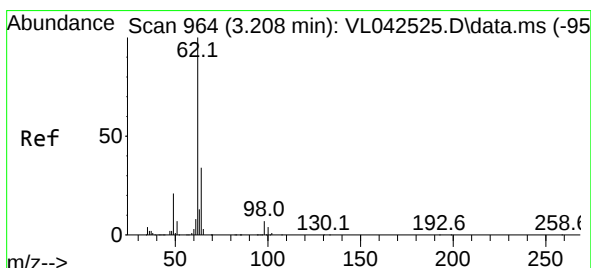
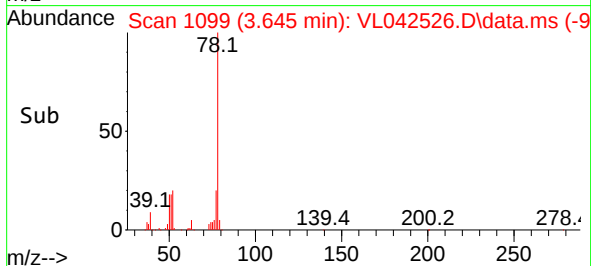
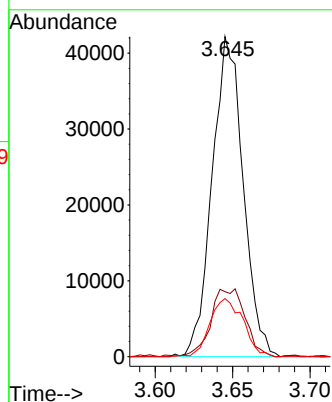
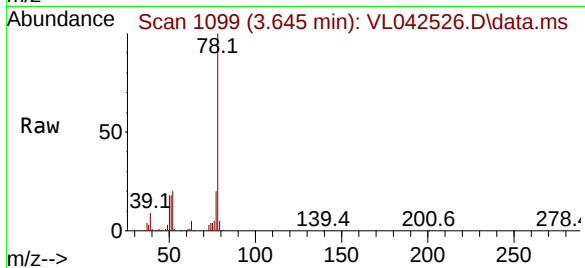
VSTDIC002

Tgt Ion: 78	Resp: 5858
Ion Ratio	Lower Upper
78 100	
77 20.3	17.4 26.2
50 18.1	16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#37

1,2-Dichloroethane

Concen: 1.928 ppbv

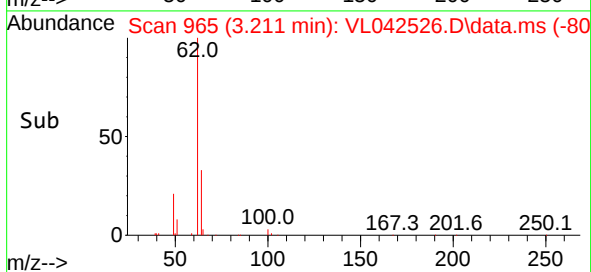
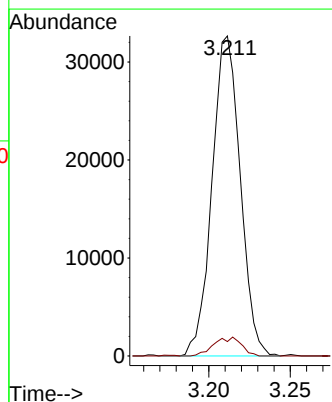
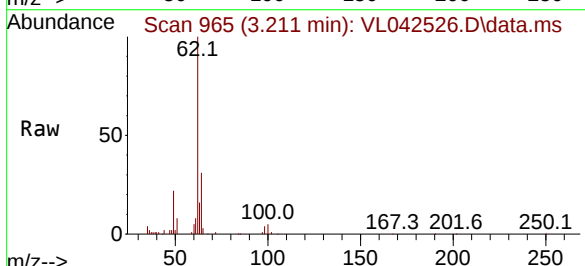
RT: 3.211 min Scan# 965

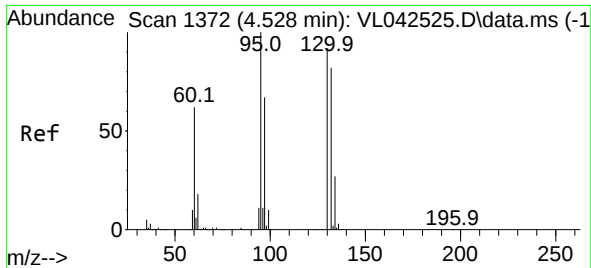
Delta R.T. 0.004 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Tgt Ion: 62	Resp: 39319
Ion Ratio	Lower Upper
62 100	
98 5.8	5.0 7.4





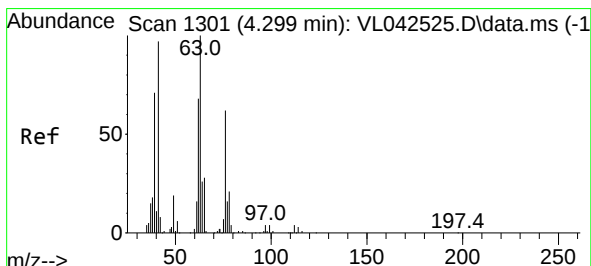
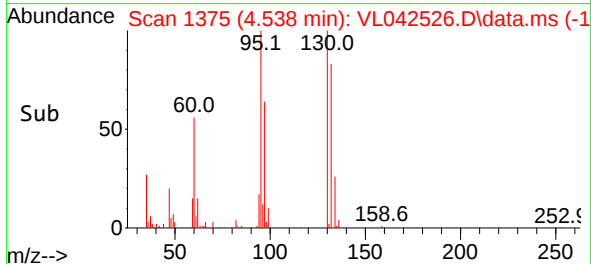
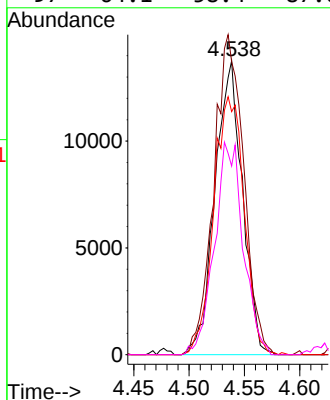
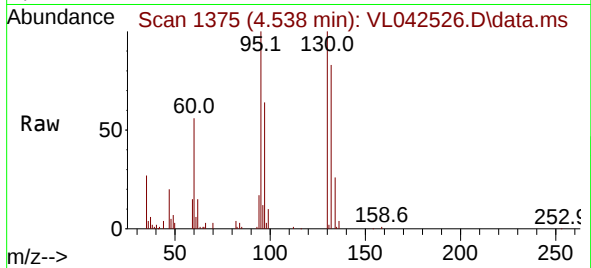
#38
Trichloroethene
Concen: 1.951 ppbv
RT: 4.538 min Scan# 1375
Delta R.T. 0.010 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.6	87.0	130.4
132	82.7	71.1	106.7
97	64.1	58.4	87.6

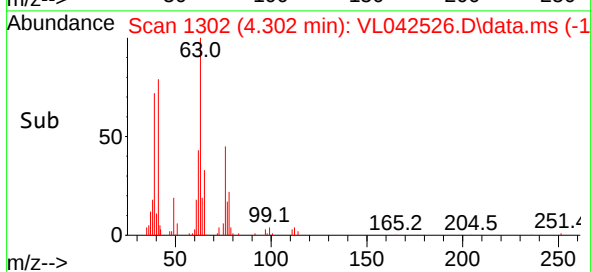
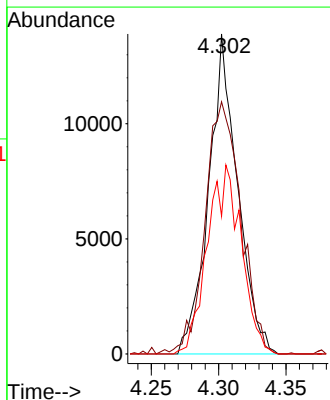
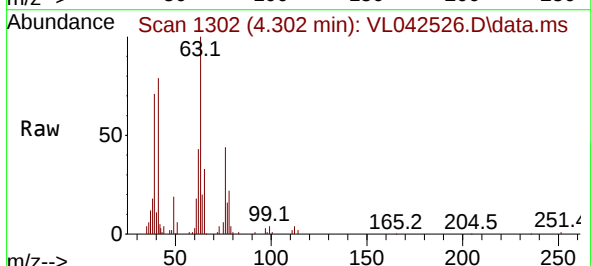
Manual Integrations
APPROVED

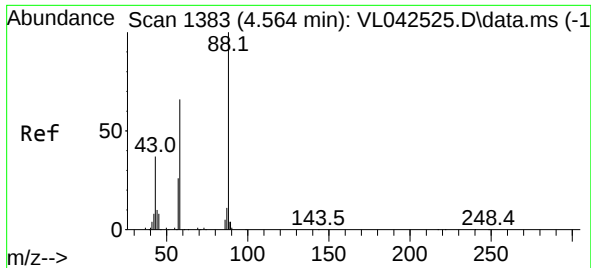
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#39
1,2-Dichloropropane
Concen: 1.950 ppbv
RT: 4.302 min Scan# 1302
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

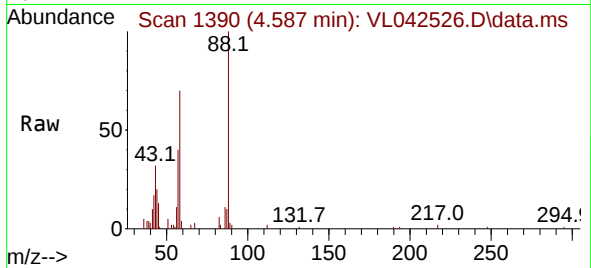
Tgt Ion	Ratio	Lower	Upper
63	100		
41	78.8	77.5	116.3
62	43.0	54.6	82.0





#40
1,4-Dioxane
Concen: 1.950 ppbv m
RT: 4.587 min Scan# 1383
Delta R.T. 0.023 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

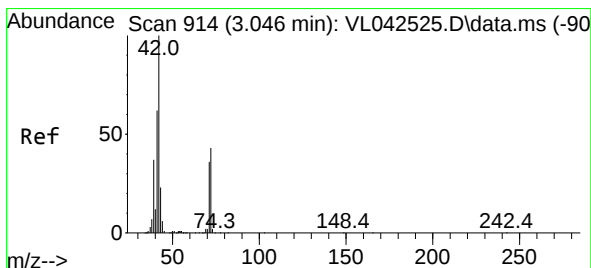
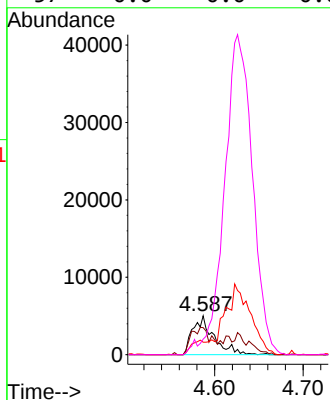
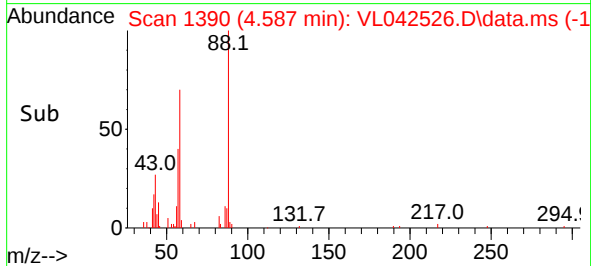
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 88 Resp: 8270
Ion Ratio Lower Upper
88 100
58 0.0 58.2 87.2
43 0.0 27.9 41.9
57 0.0 0.0 0.0

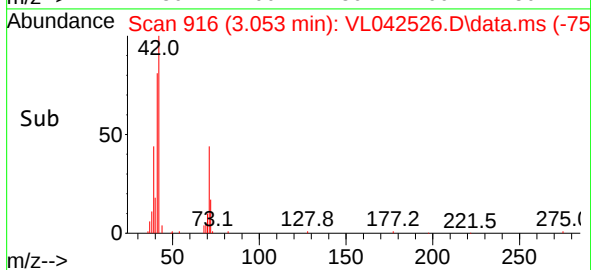
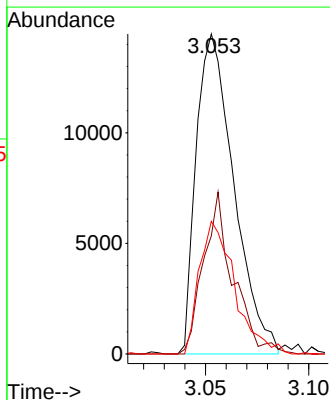
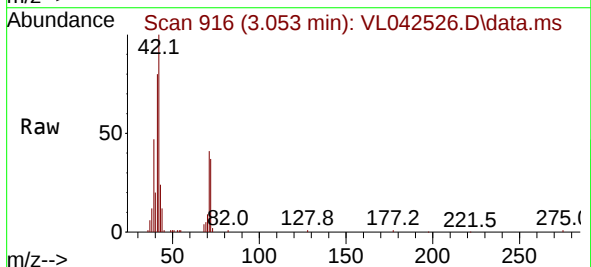
Manual Integrations
APPROVED

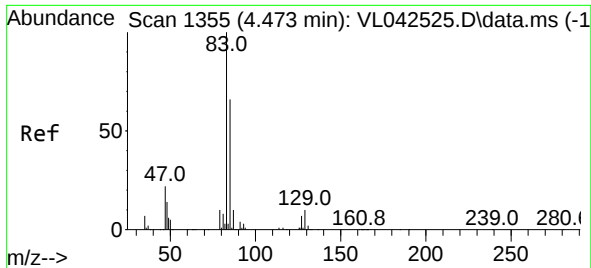
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#41
Tetrahydrofuran
Concen: 2.003 ppbv
RT: 3.053 min Scan# 916
Delta R.T. 0.007 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion: 42 Resp: 18370
Ion Ratio Lower Upper
42 100
72 39.7 32.7 49.1
71 39.2 30.4 45.6





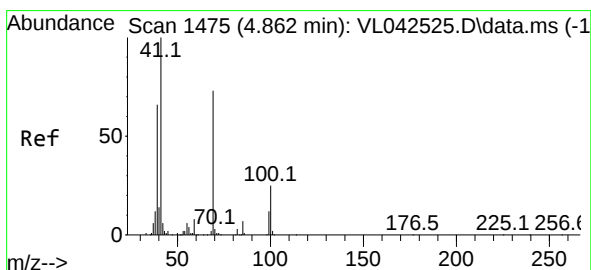
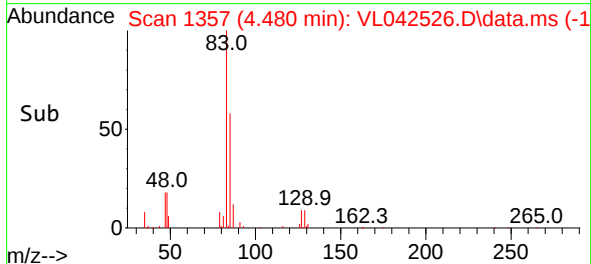
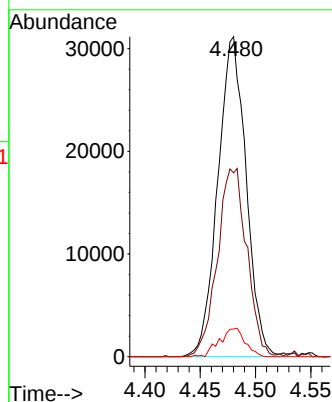
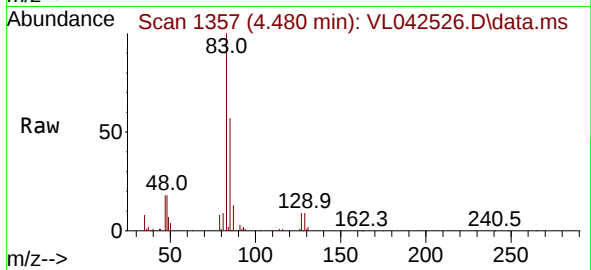
#42
Bromodichloromethane
Concen: 2.038 ppbv
RT: 4.480 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 5536
Ion Ratio Lower Upper
83 100
85 57.5 52.6 79.0
127 8.7 6.0 9.0

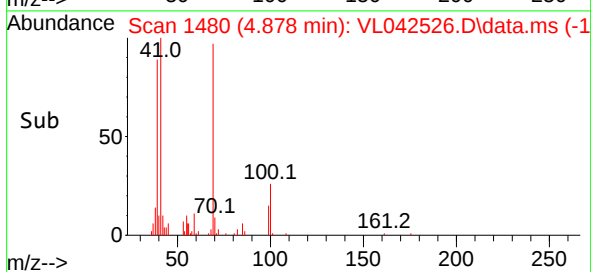
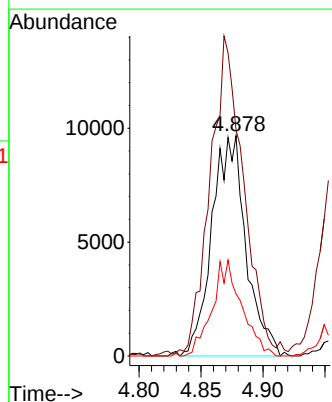
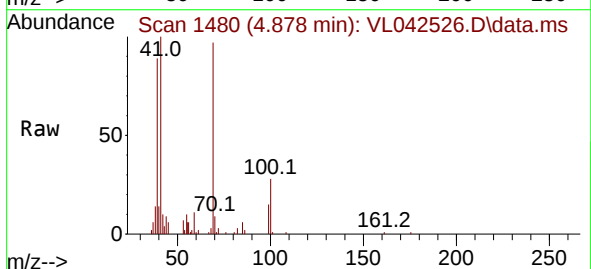
Manual Integrations
APPROVED

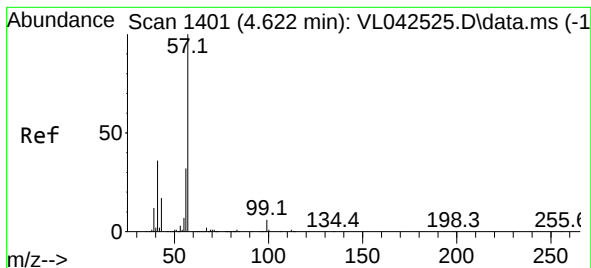
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#43
Methyl Methacrylate
Concen: 1.941 ppbv
RT: 4.878 min Scan# 1480
Delta R.T. 0.016 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion: 69 Resp: 18530
Ion Ratio Lower Upper
69 100
41 143.6 119.9 179.9
100 37.8 28.4 42.6





#44

2,2,4-Trimethylpentane

Concen: 2.009 ppbv

RT: 4.626 min Scan# 1401

Delta R.T. 0.003 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

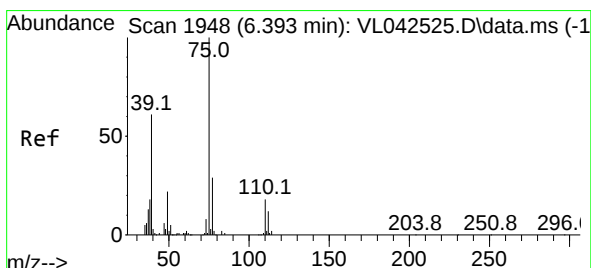
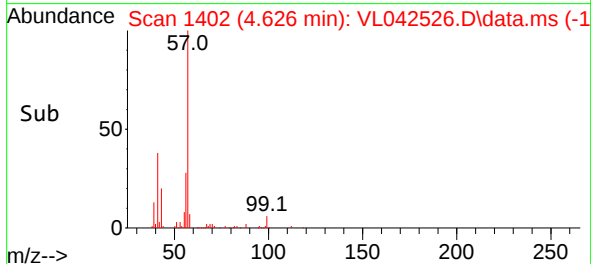
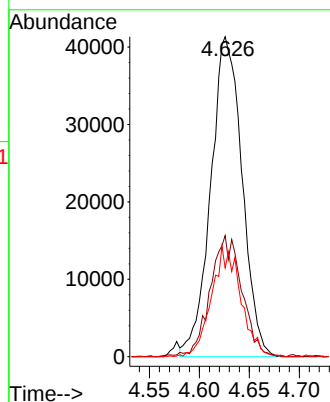
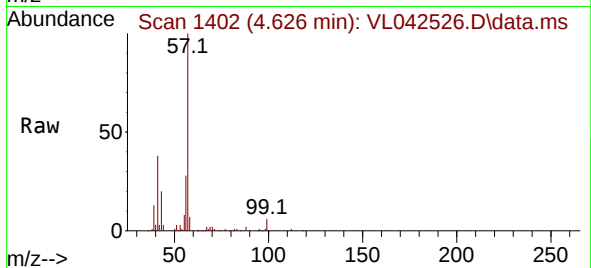
VSTDIC002

Tgt Ion: 57	Resp: 9019
Ion Ratio	Lower Upper
57 100	
41 38.6	28.3 42.5
56 32.3	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#45

t-1,3-Dichloropropene

Concen: 1.887 ppbv m

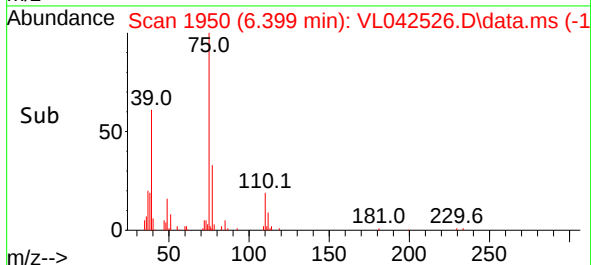
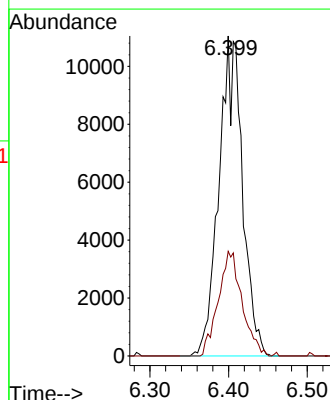
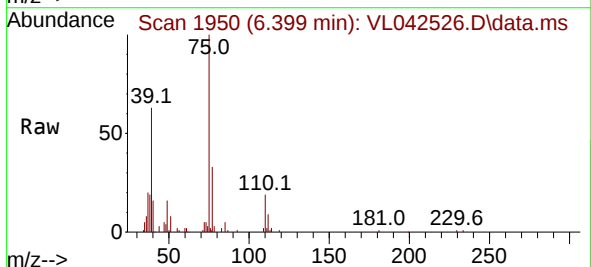
RT: 6.399 min Scan# 1950

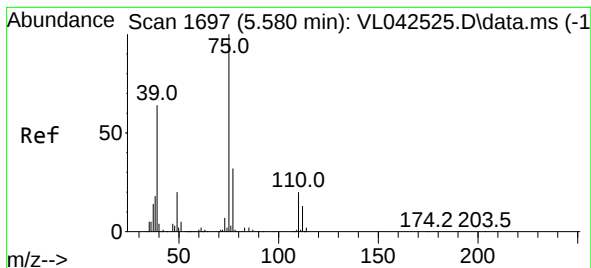
Delta R.T. 0.007 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Tgt Ion: 75	Resp: 23004
Ion Ratio	Lower Upper
75 100	
77 32.7	23.3 34.9





#46

cis-1,3-Dichloropropene

Concen: 1.944 ppbv m

RT: 5.590 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

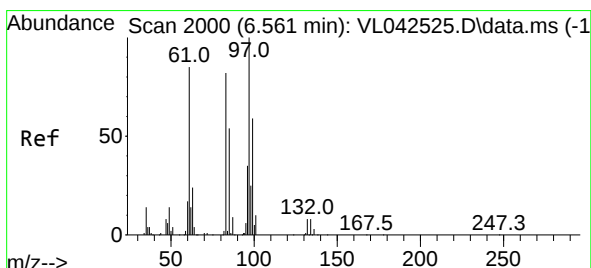
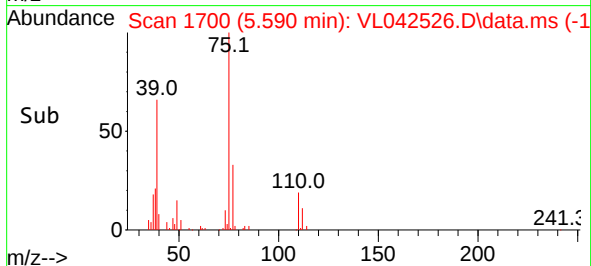
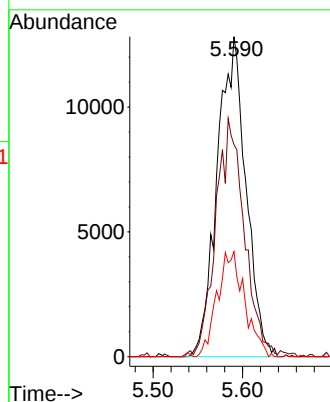
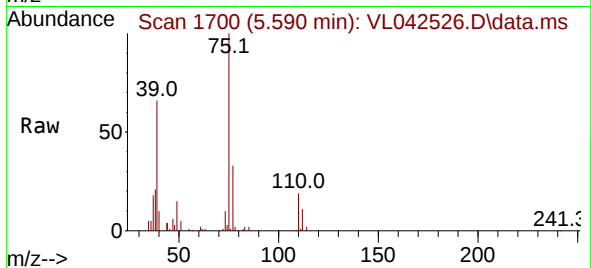
Tgt Ion: 75	Resp: 2858
Ion Ratio	Lower Upper
75 100	
39 66.3	51.2 76.8
77 32.9	25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#47

1,1,2-Trichloroethane

Concen: 1.976 ppbv

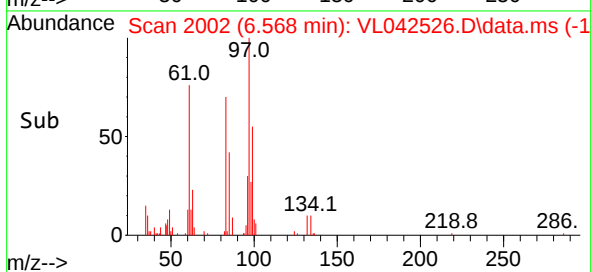
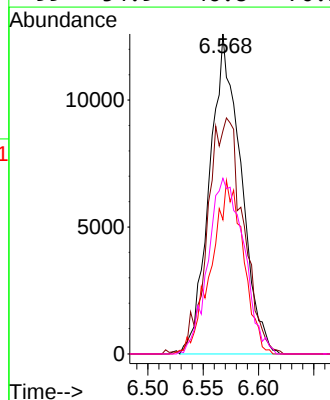
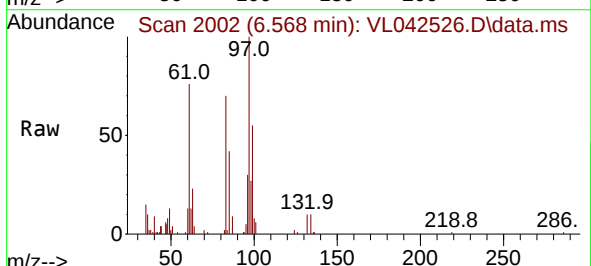
RT: 6.568 min Scan# 2002

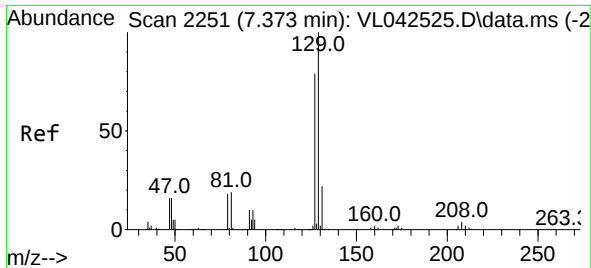
Delta R.T. 0.007 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Tgt Ion: 97	Resp: 24759
Ion Ratio	Lower Upper
97 100	
83 69.0	66.0 99.0
85 42.0	42.8 64.2#
99 54.9	46.8 70.2





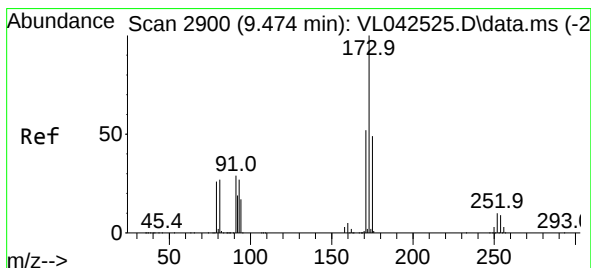
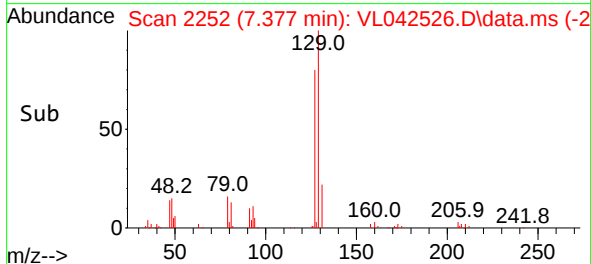
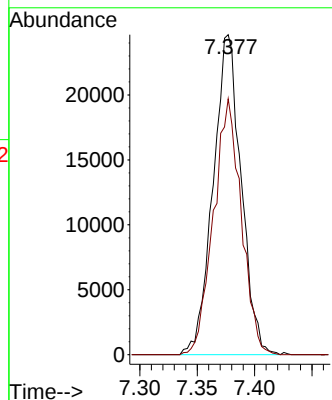
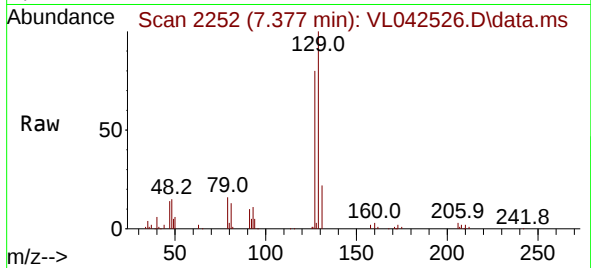
#48
Dibromochloromethane
Concen: 2.000 ppbv
RT: 7.377 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:129 Resp: 4186
Ion Ratio Lower Upper
129 100
127 79.1 39.6 118.8

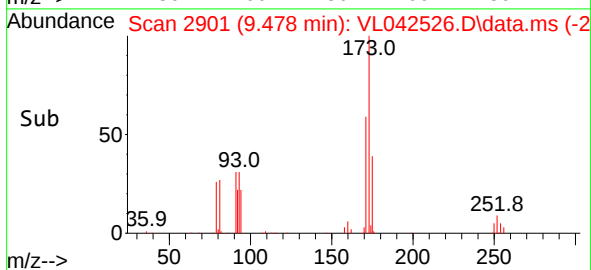
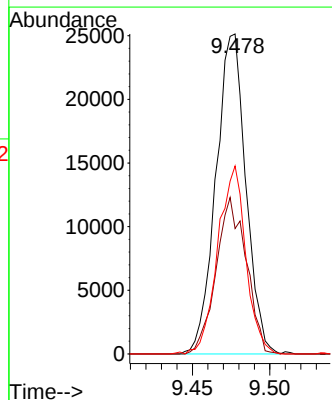
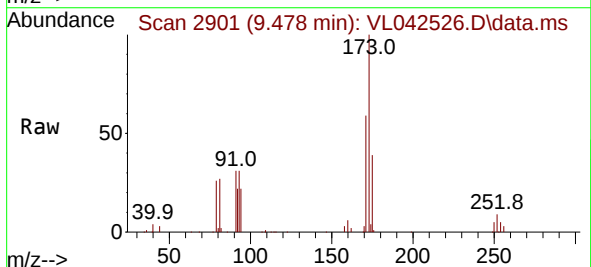
Manual Integrations
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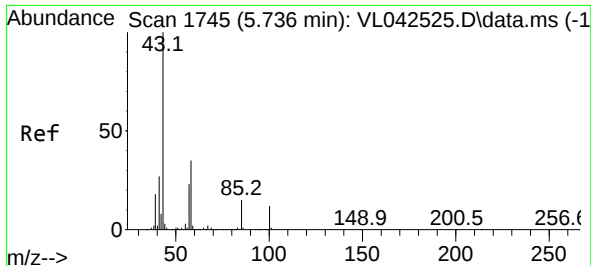
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#49
Bromoform
Concen: 1.968 ppbv
RT: 9.478 min Scan# 2901
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

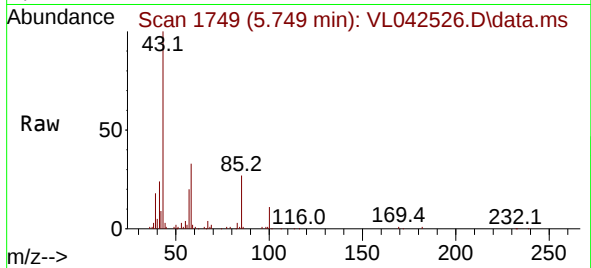
Tgt Ion:173 Resp: 33801
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
171 54.9 41.8 62.8





#50
4-Methyl-2-Pentanone
Concen: 2.018 ppbv
RT: 5.749 min Scan# 1749
Delta R.T. 0.013 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

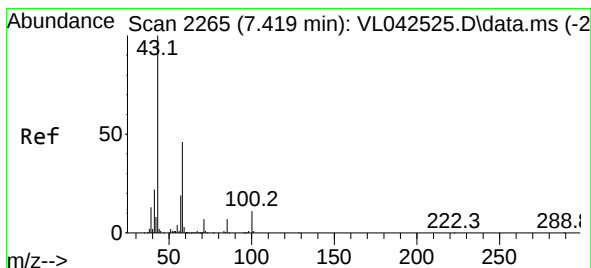
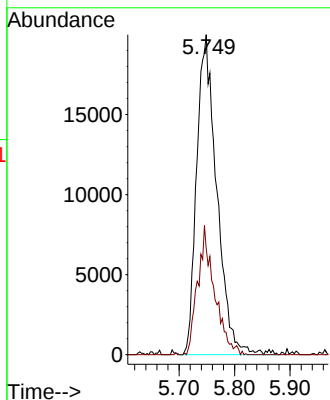
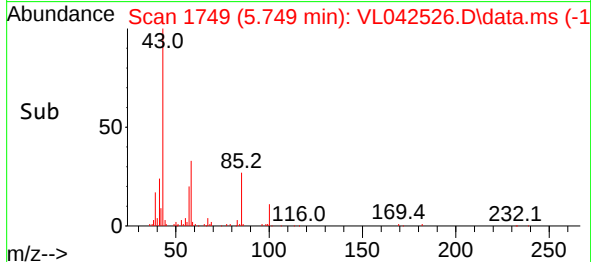
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



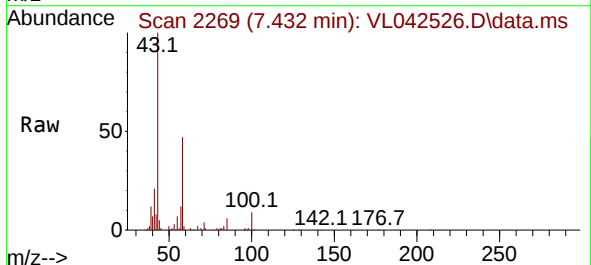
Tgt Ion: 43 Resp: 50310
Ion Ratio Lower Upper
43 100
58 33.9 28.6 42.8

Manual Integrations
APPROVED

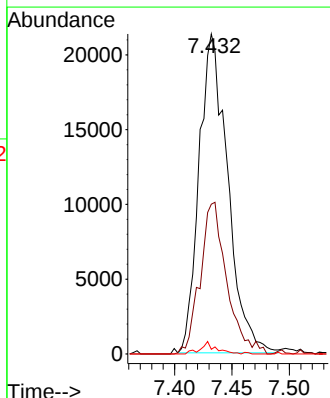
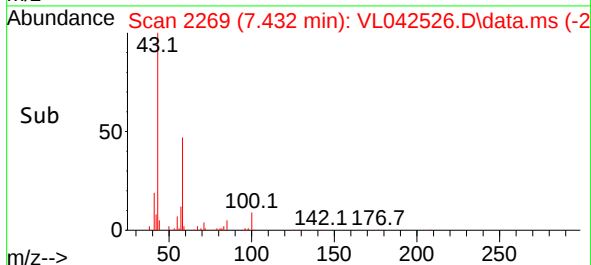
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

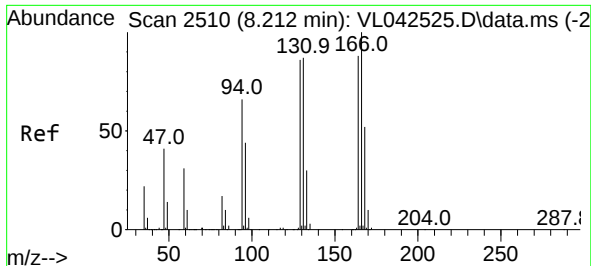


#51
2-Hexanone
Concen: 1.994 ppbv
RT: 7.432 min Scan# 2269
Delta R.T. 0.013 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



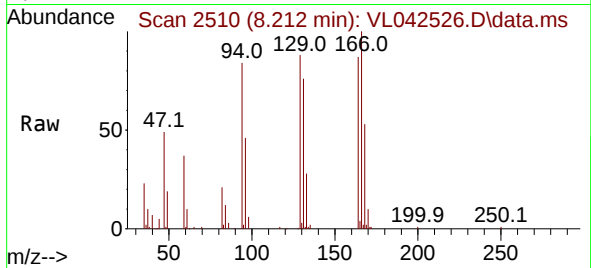
Tgt Ion: 43 Resp: 36951
Ion Ratio Lower Upper
43 100
58 44.8 37.5 56.3
98 2.2 0.9 1.3





#52
Tetrachloroethene
Concen: 1.854 ppbv
RT: 8.212 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

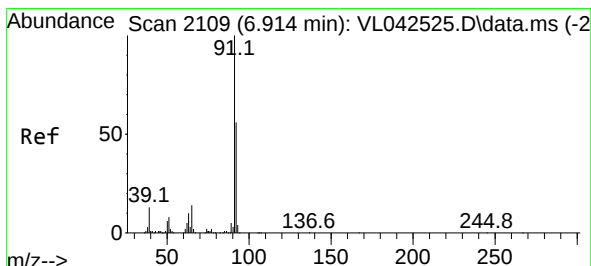
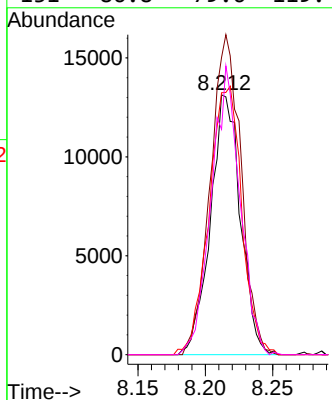
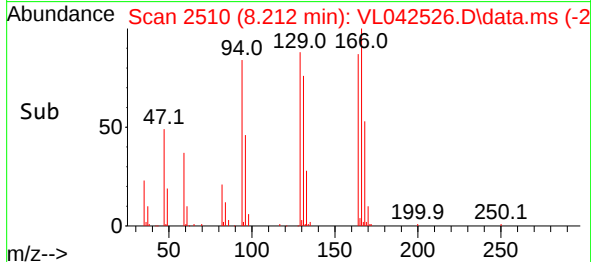
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.5	91.3	136.9
129	100.8	78.9	118.3
131	86.8	79.6	119.4

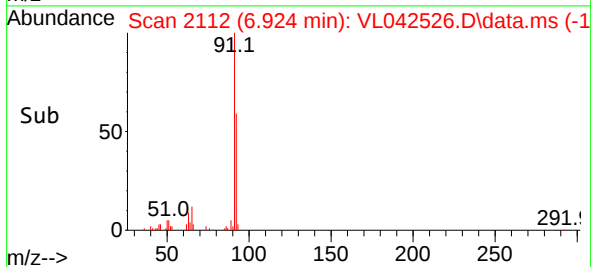
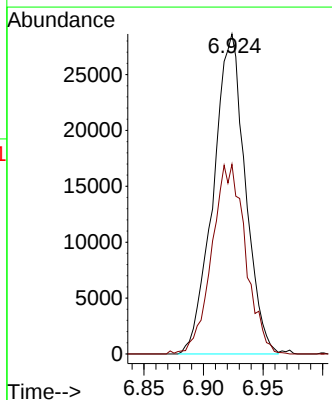
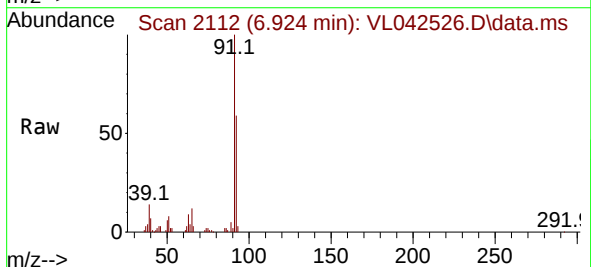
Manual Integrations
APPROVED

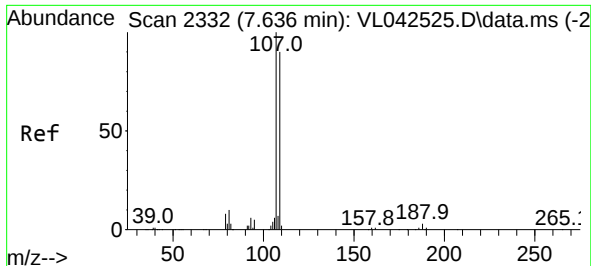
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#53
Toluene
Concen: 1.908 ppbv
RT: 6.924 min Scan# 2112
Delta R.T. 0.010 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

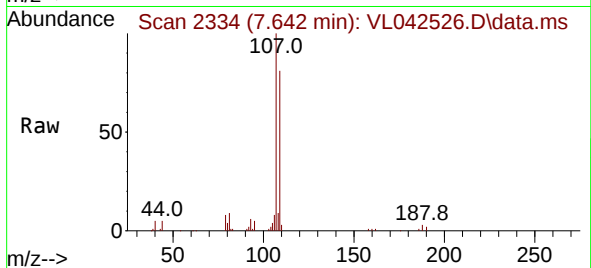
Tgt Ion	Ratio	Lower	Upper
91	100		
92	62.4	47.8	71.6





#54
1,2-Dibromoethane
Concen: 1.936 ppbv
RT: 7.642 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

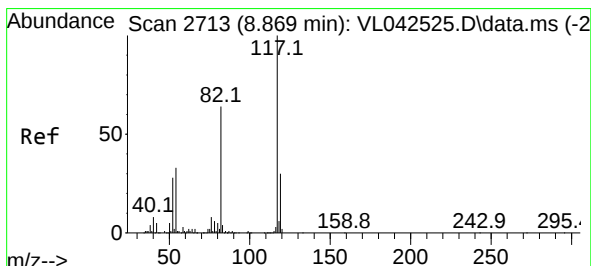
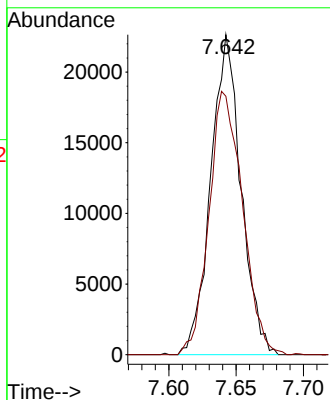
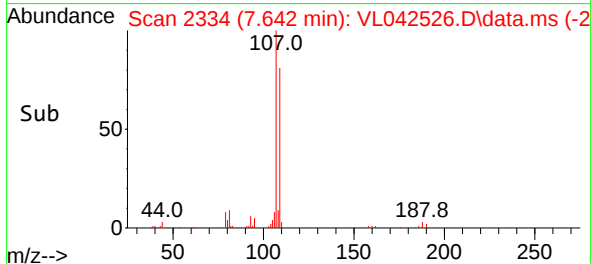
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



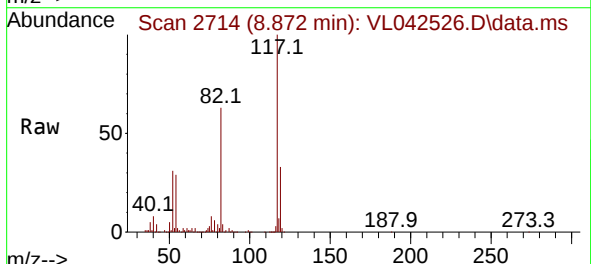
Tgt Ion:107 Resp: 35440
Ion Ratio Lower Upper
107 100
109 80.7 72.2 108.4

Manual Integrations
APPROVED

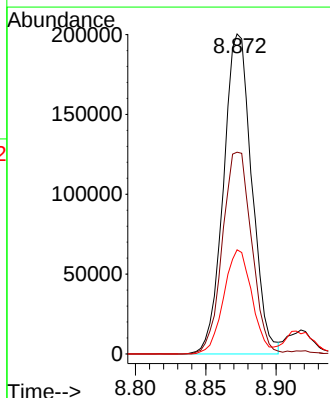
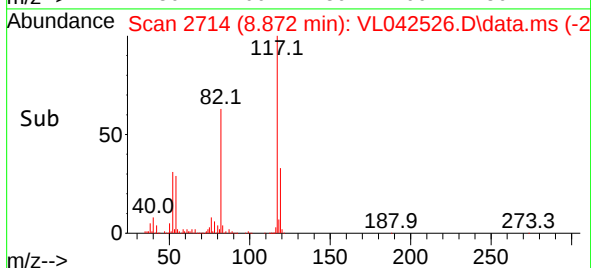
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

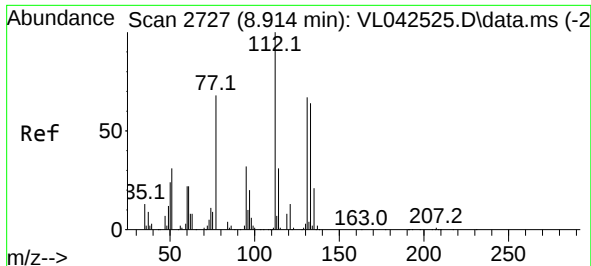


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.872 min Scan# 2714
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion:117 Resp: 280550
Ion Ratio Lower Upper
117 100
82 65.8 55.0 82.4
119 33.3 25.8 38.6





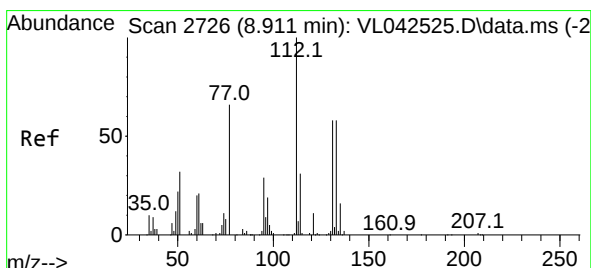
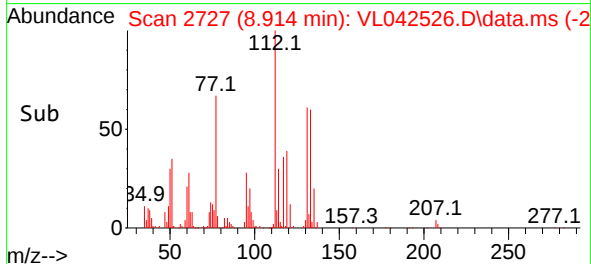
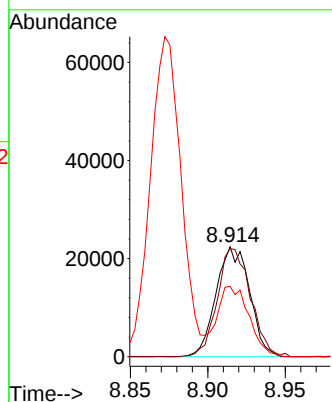
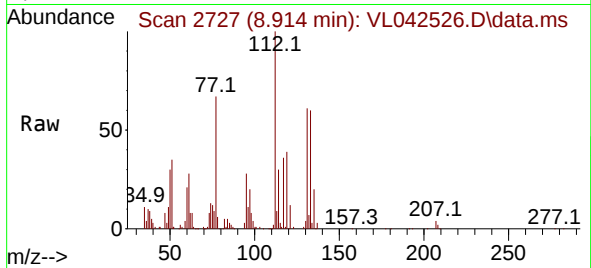
#56
1,1,1,2-Tetrachloroethane
Concen: 1.943 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion:131 Resp: 33789
Ion Ratio Lower Upper
131 100
133 97.5 77.4 116.2
119 58.0 49.0 73.4

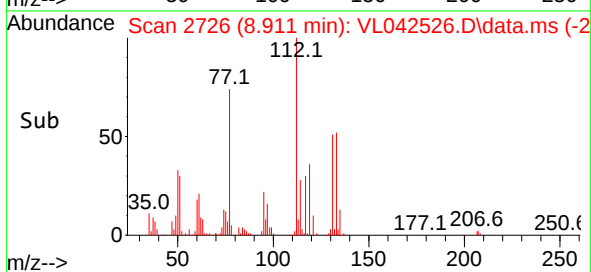
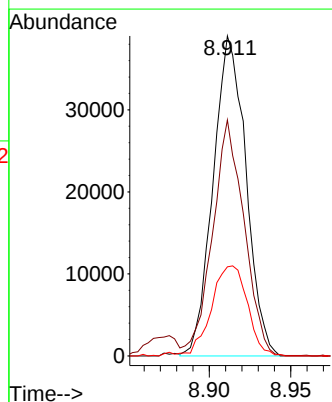
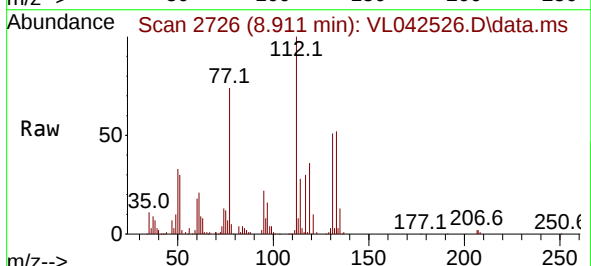
Manual Integrations
APPROVED

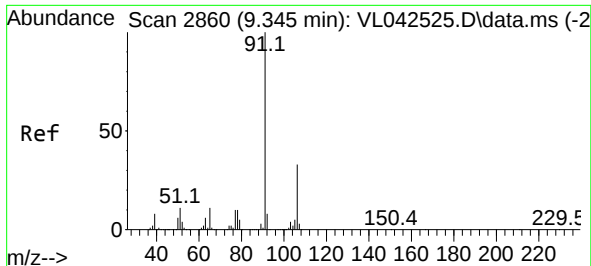
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#57
Chlorobenzene
Concen: 1.936 ppbv
RT: 8.911 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion:112 Resp: 54542
Ion Ratio Lower Upper
112 100
77 73.4 53.6 80.4
114 27.3 28.2 34.4#





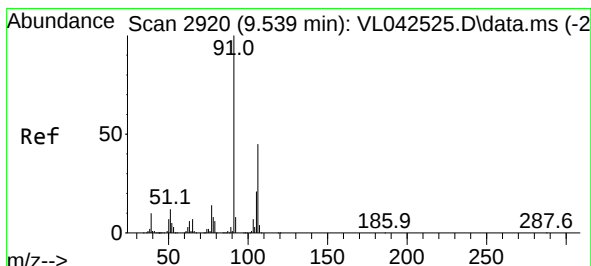
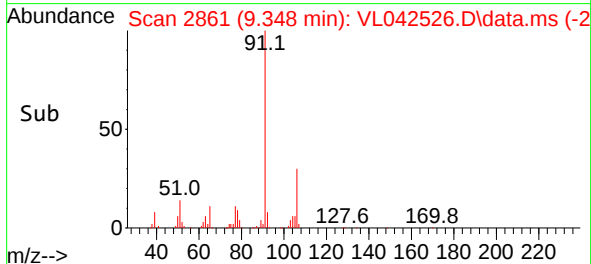
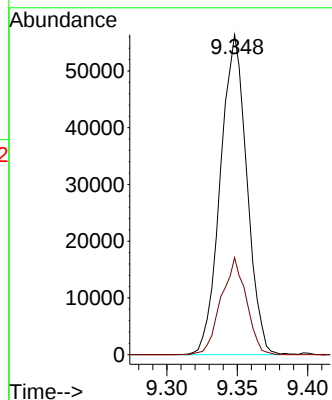
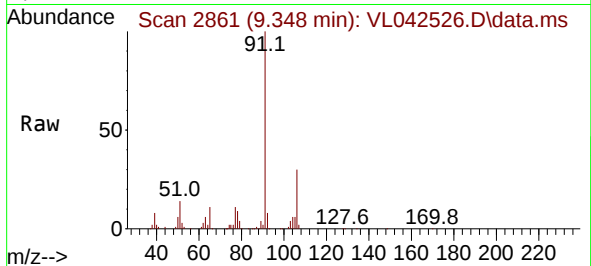
#58
Ethyl Benzene
Concen: 1.931 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 73830
Ion Ratio Lower Upper
91 100
106 30.3 26.0 39.0

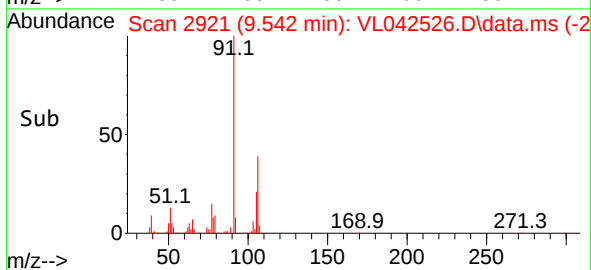
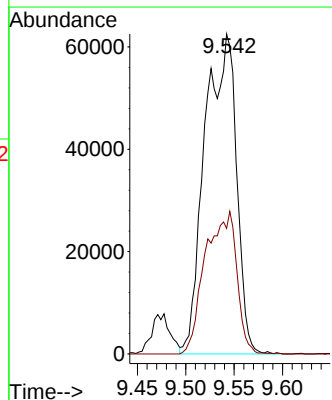
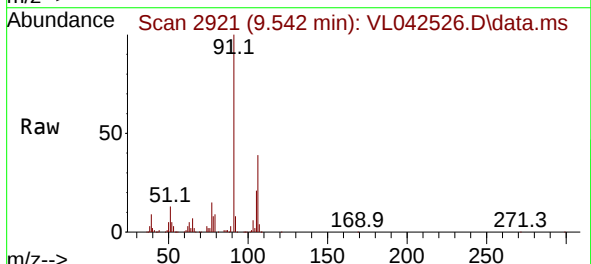
Manual Integrations
APPROVED

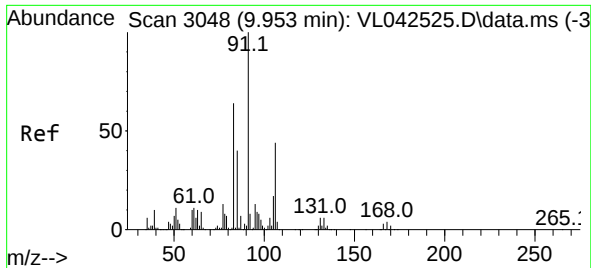
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#59
m/p-Xylene
Concen: 4.166 ppbv m
RT: 9.542 min Scan# 2921
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion: 91 Resp: 141720
Ion Ratio Lower Upper
91 100
106 44.4 0.0 0.0#





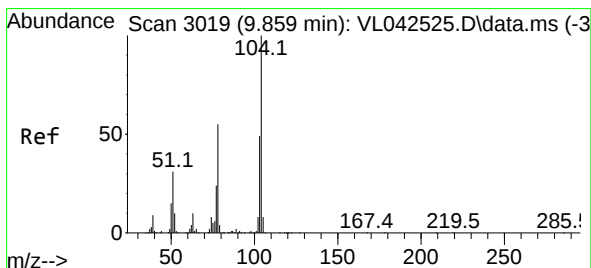
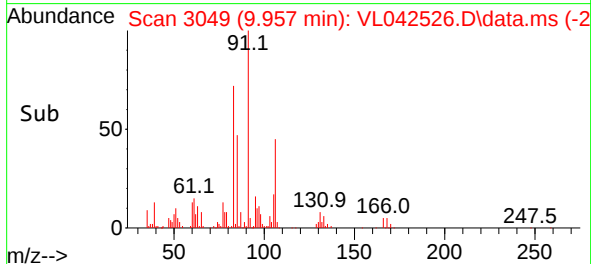
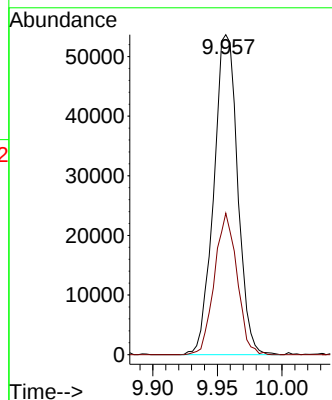
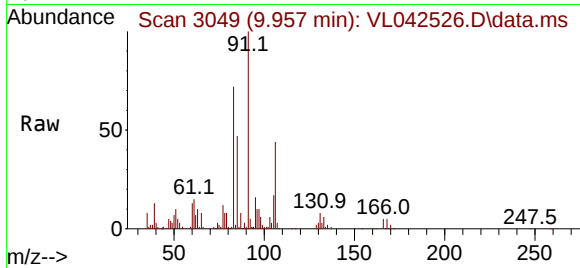
#60
o-Xylene
Concen: 2.085 ppbv
RT: 9.957 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 6910
Ion Ratio Lower Upper
91 100
106 41.7 21.6 64.6

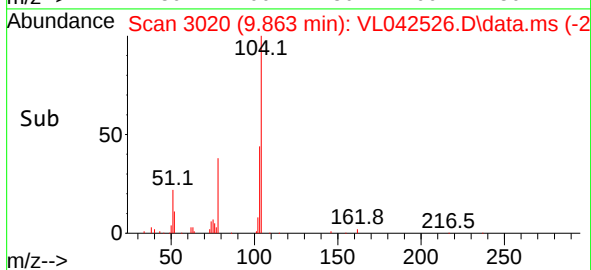
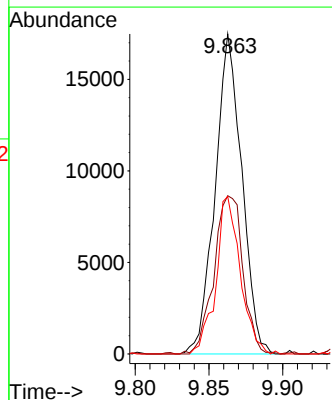
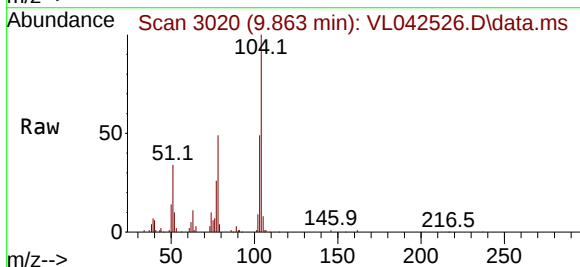
Manual Integrations
APPROVED

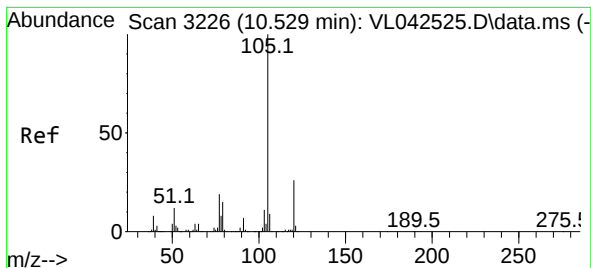
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#61
Styrene
Concen: 1.801 ppbv
RT: 9.863 min Scan# 3020
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

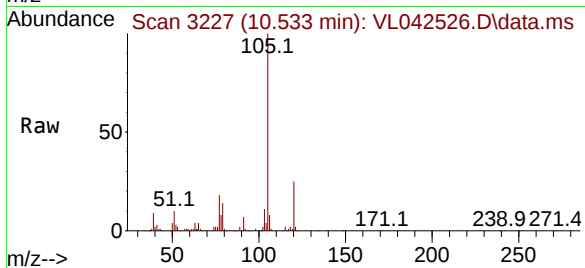
Tgt Ion:104 Resp: 21989
Ion Ratio Lower Upper
104 100
78 53.8 44.7 67.1
103 45.0 38.6 58.0





#62
Isopropylbenzene
Concen: 2.010 ppbv
RT: 10.533 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

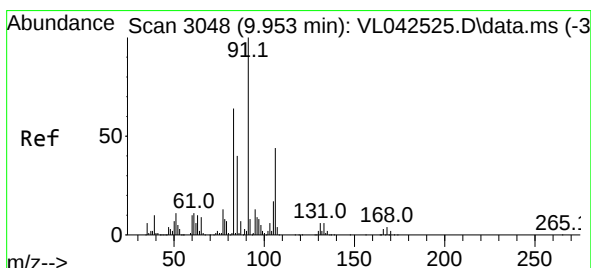
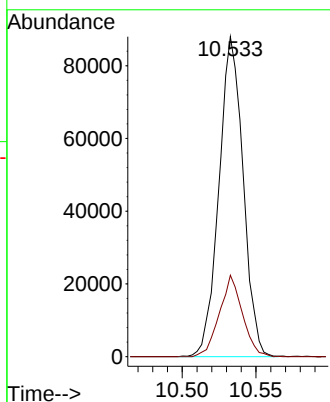
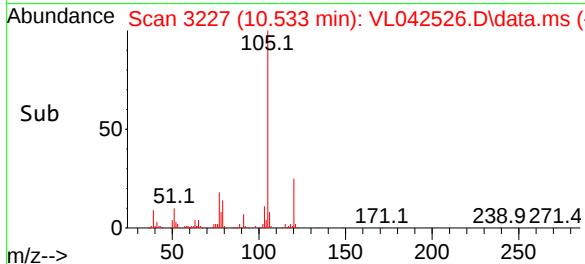
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



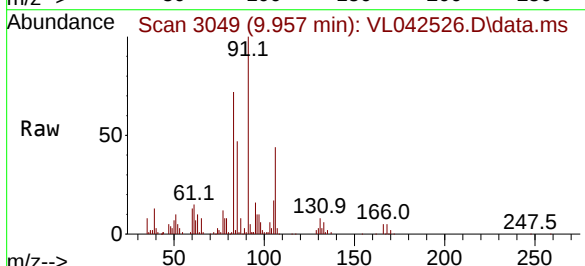
Tgt Ion: 105 Resp: 10039
Ion Ratio Lower Upper
105 100
120 24.2 20.1 30.1

Manual Integrations
APPROVED

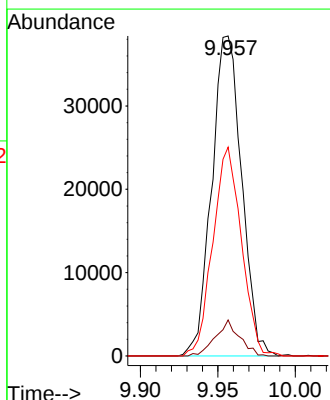
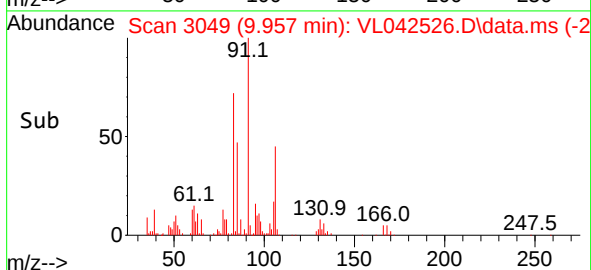
Reviewed By : Semsettin Yesilyurt 05/14/2025
Supervised By : Mahesh Dadoda 05/14/2025

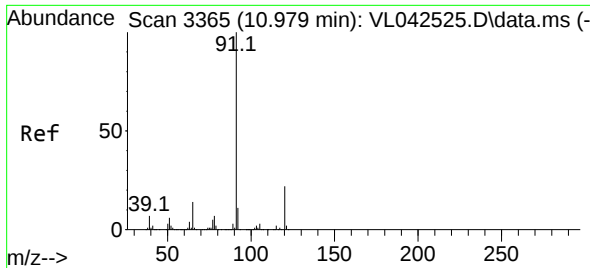


#63
1,1,2,2-Tetrachloroethane
Concen: 1.944 ppbv
RT: 9.957 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion: 83 Resp: 51679
Ion Ratio Lower Upper
83 100
131 9.0 4.9 14.7
85 62.3 32.3 96.8





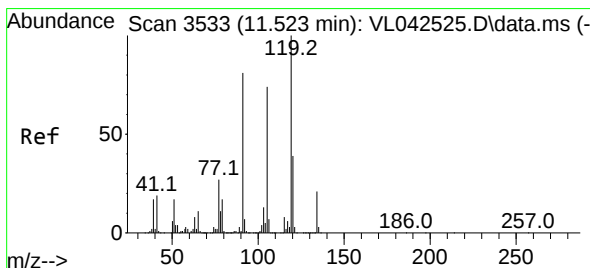
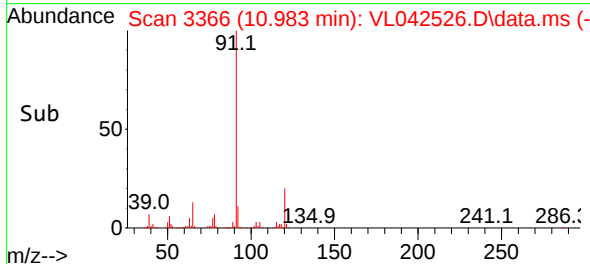
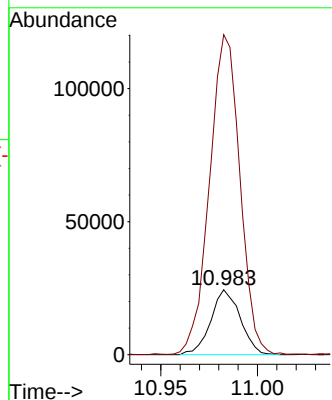
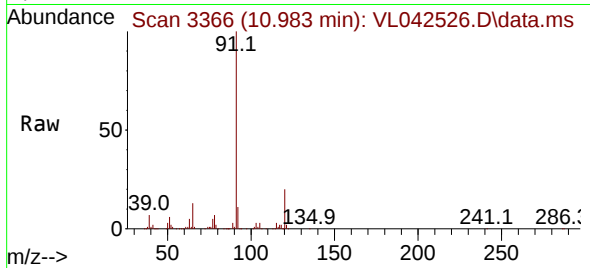
#64
n-propylbenzene
Concen: 2.042 ppbv
RT: 10.983 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:120 Resp: 2584
Ion Ratio Lower Upper
120 100
91 508.7 377.7 566.5

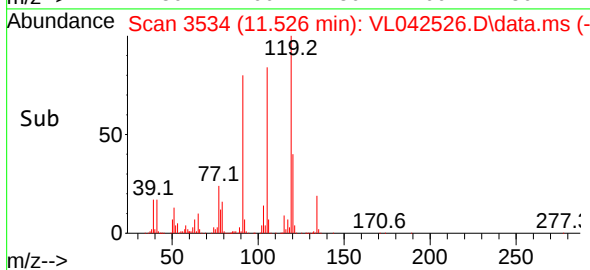
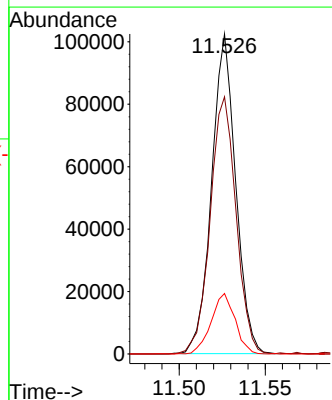
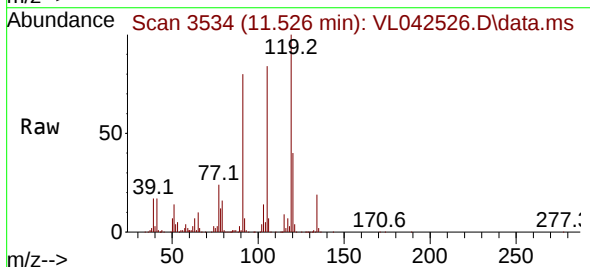
Manual Integrations
APPROVED

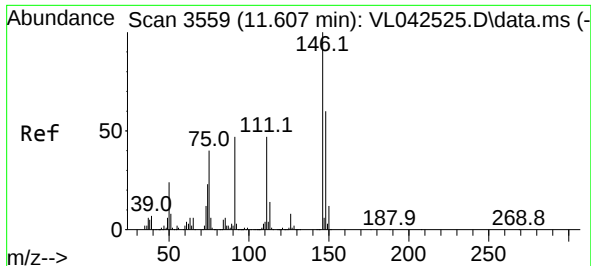
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#65
tert-Butylbenzene
Concen: 2.170 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Tgt Ion:119 Resp: 99543
Ion Ratio Lower Upper
119 100
91 86.6 66.6 99.8
134 18.9 16.3 24.5





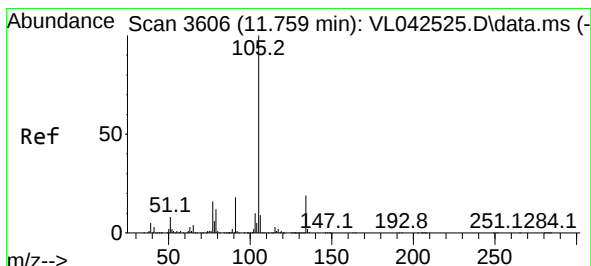
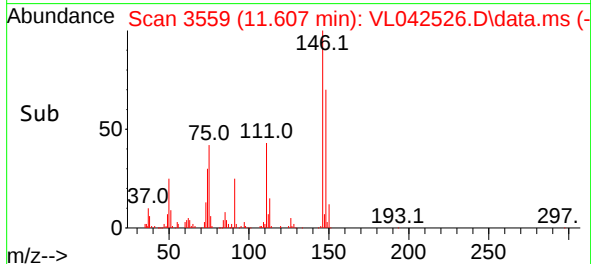
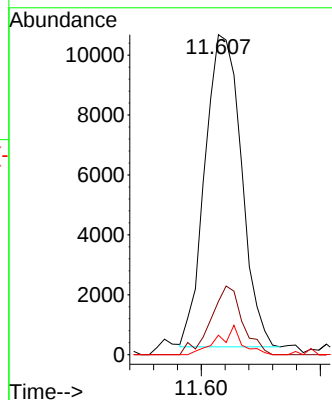
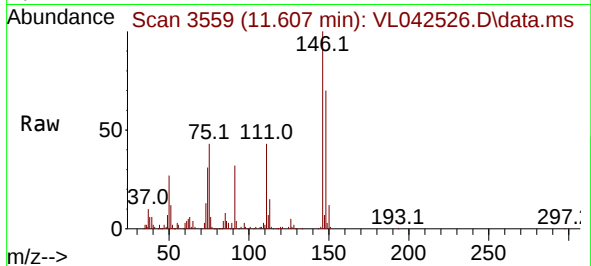
#66
Benzyl Chloride
Concen: 1.829 ppbv
RT: 11.607 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 11099
Ion Ratio Lower Upper
91 100
126 19.0 13.7 20.5
128 6.1 4.2 6.2

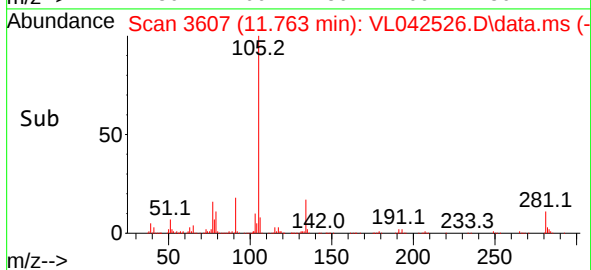
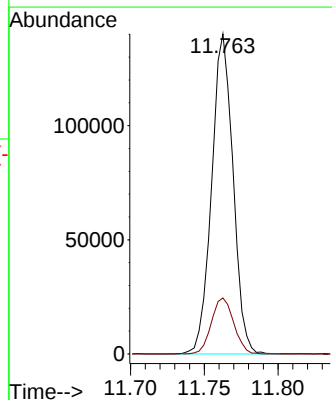
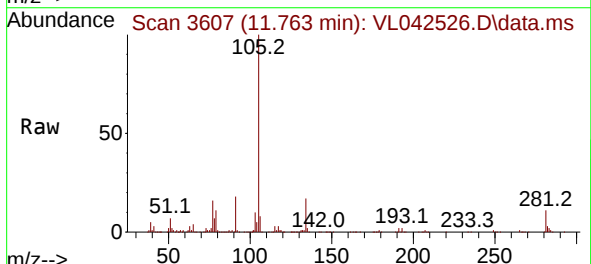
Manual Integrations
APPROVED

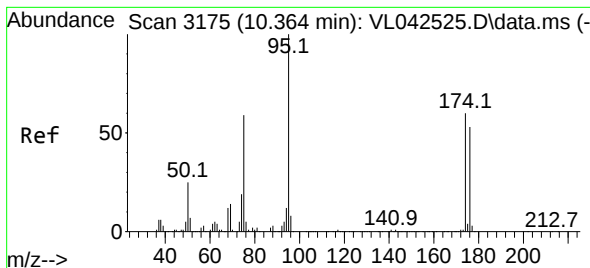
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#67
sec-Butylbenzene
Concen: 2.148 ppbv
RT: 11.763 min Scan# 3607
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

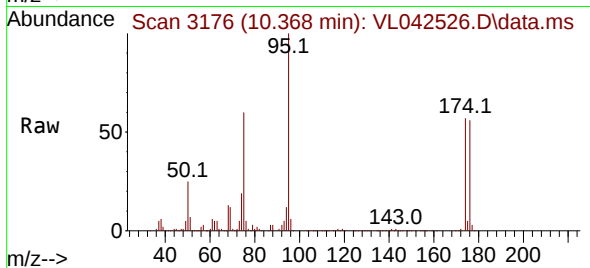
Tgt Ion:105 Resp: 141237
Ion Ratio Lower Upper
105 100
134 18.3 14.9 22.3





#68
1-Bromo-4-Fluorobenzene
Concen: 9.887 ppbv
RT: 10.368 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

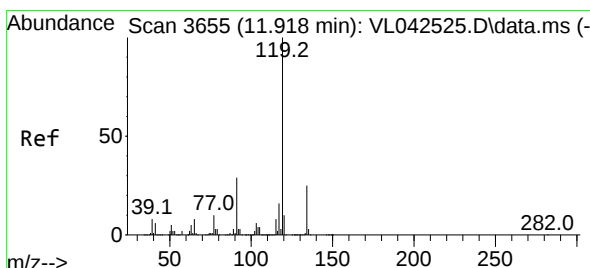
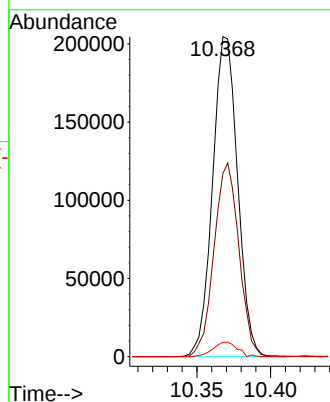
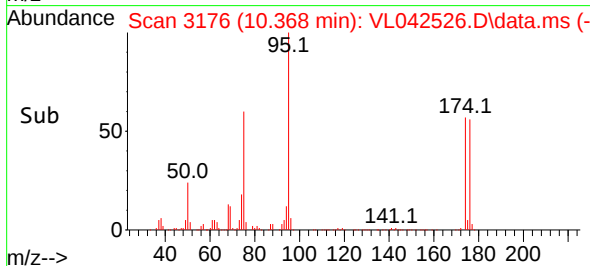
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



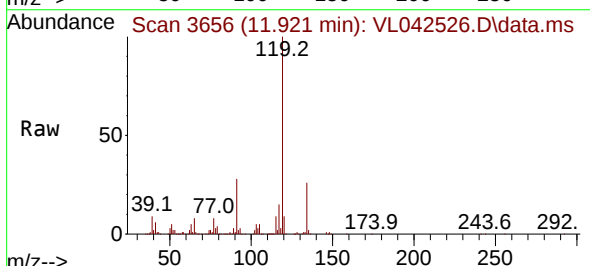
Tgt Ion: 95 Resp: 241358
Ion Ratio Lower Upper
95 100
174 60.6 48.0 72.0
175 4.5 3.5 5.3

Manual Integrations
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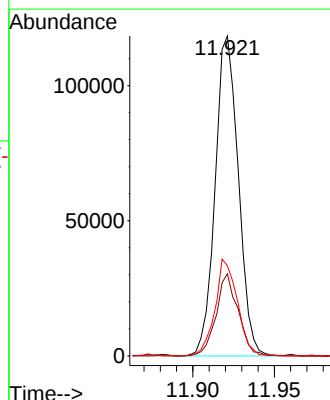
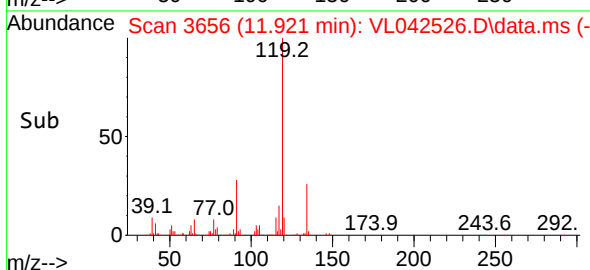
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

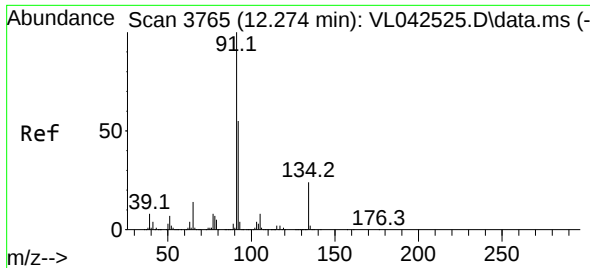


#69
p-Isopropyltoluene
Concen: 2.167 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.004 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion:119 Resp: 117152
Ion Ratio Lower Upper
119 100
134 24.5 19.8 29.6
91 29.3 23.6 35.4





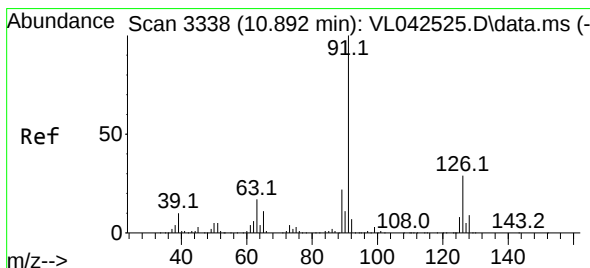
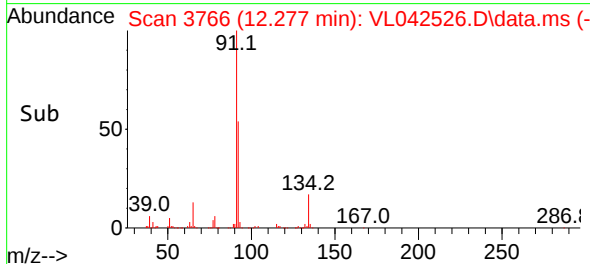
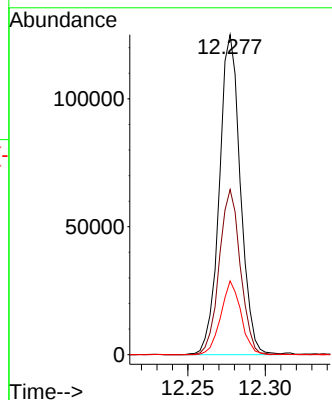
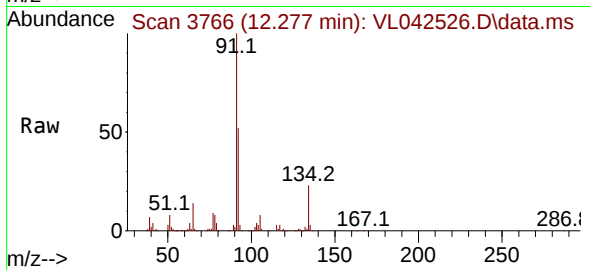
#70
n-Butylbenzene
Concen: 2.214 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 11826
Ion Ratio Lower Upper
91 100
92 51.9 43.7 65.5
134 22.2 18.9 28.3

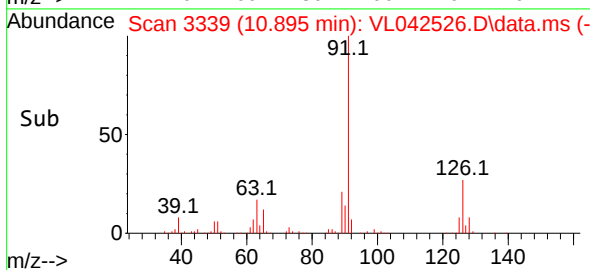
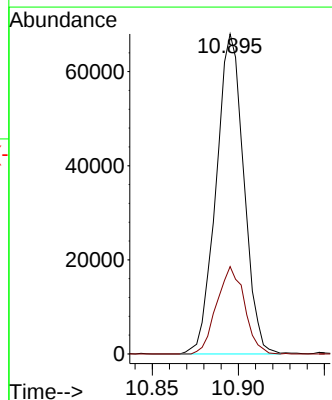
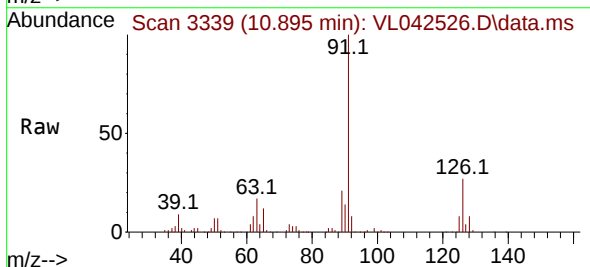
Manual Integrations
APPROVED

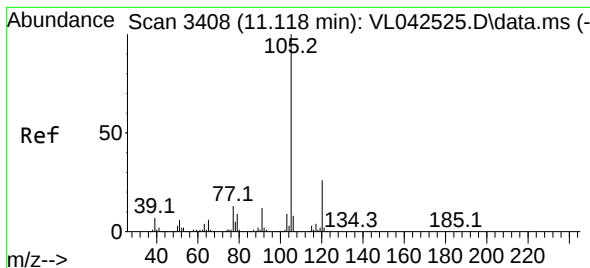
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#71
2-Chlorotoluene
Concen: 2.008 ppbv
RT: 10.895 min Scan# 3339
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

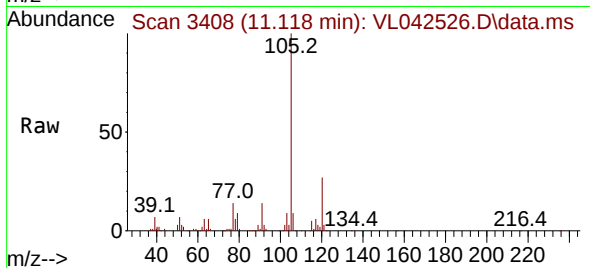
Tgt Ion: 91 Resp: 75933
Ion Ratio Lower Upper
91 100
126 27.3 11.4 45.6





#72
4-Ethyltoluene
Concen: 2.057 ppbv
RT: 11.118 min Scan# 3408
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

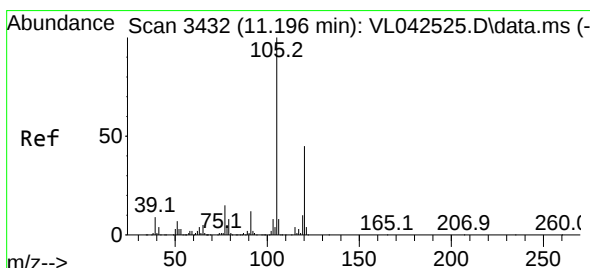
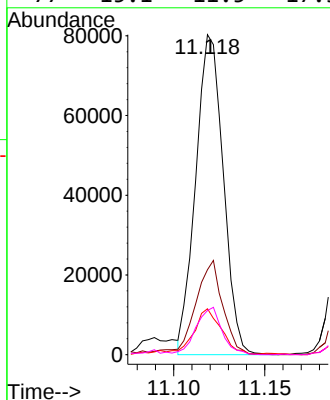
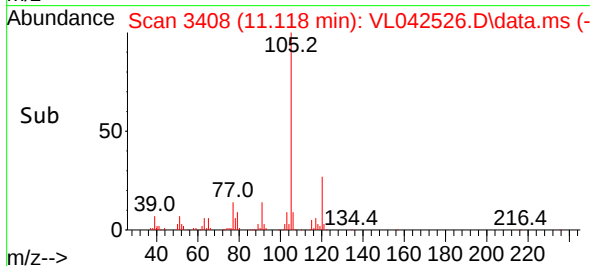
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



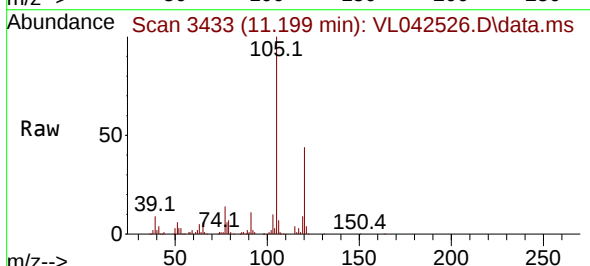
Tgt Ion:105 Resp: 84650
Ion Ratio Lower Upper
105 100
120 30.2 22.9 34.3
91 15.7 10.9 16.3
77 15.1 11.5 17.3

Manual Integrations
APPROVED

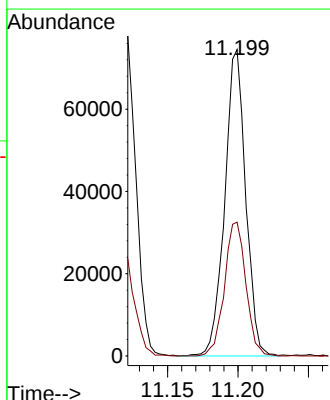
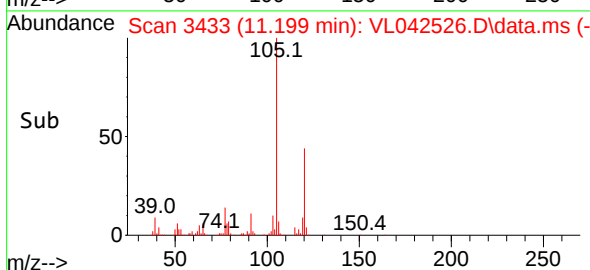
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

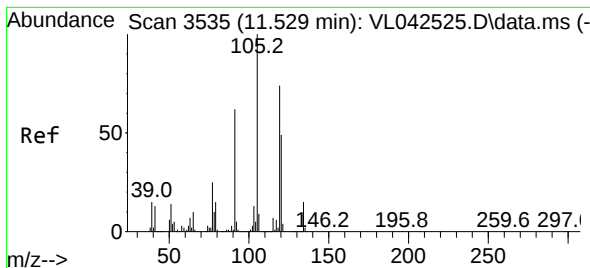


#73
1,3,5-Trimethylbenzene
Concen: 2.152 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion:105 Resp: 77135
Ion Ratio Lower Upper
105 100
120 43.6 36.0 54.0





#74

1,2,4-Trimethylbenzene

Concen: 2.271 ppbv

RT: 11.533 min Scan# 3536

Delta R.T. 0.003 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

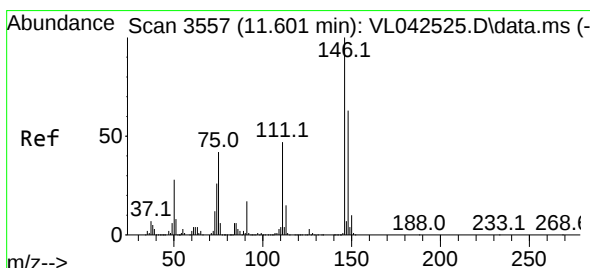
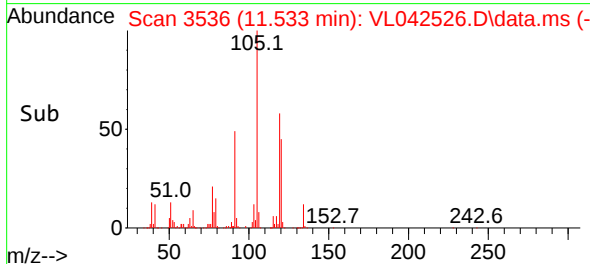
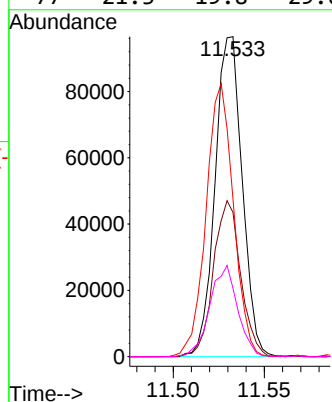
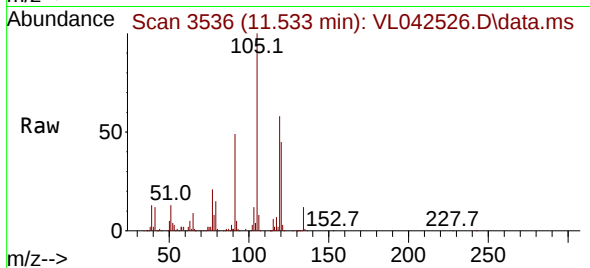
VSTDIC002

Tgt Ion:	105	Resp:	10014
Ion Ratio	Lower	Upper	
105	100		
120	44.9	39.0	58.6
91	48.8	49.4	74.2
77	21.3	19.8	29.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#75

1,3-Dichlorobenzene

Concen: 2.021 ppbv

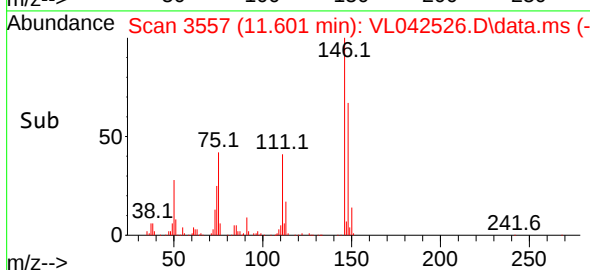
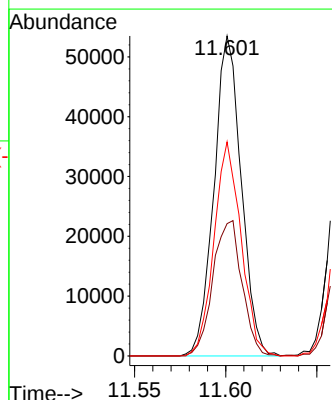
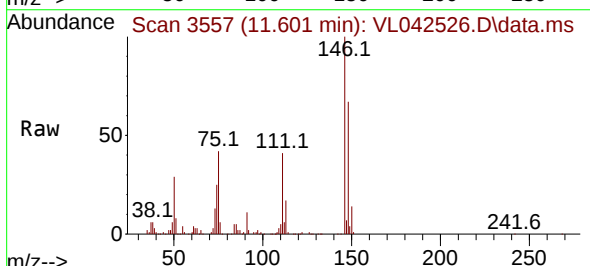
RT: 11.601 min Scan# 3557

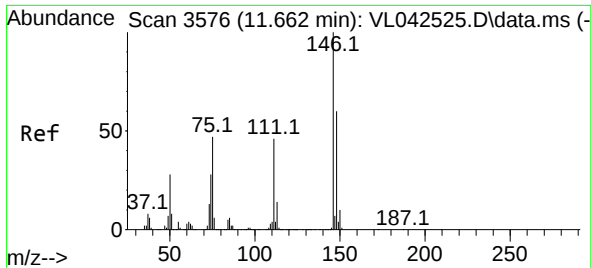
Delta R.T. 0.000 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

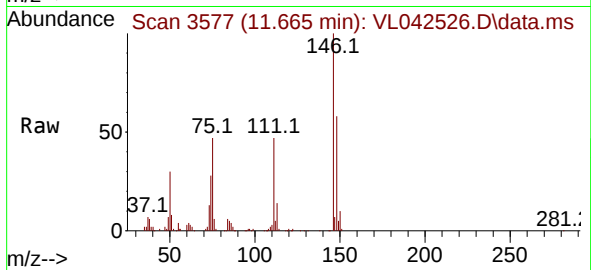
Tgt Ion:	146	Resp:	55802
Ion Ratio	Lower	Upper	
146	100		
111	45.0	23.6	71.0
148	66.2	31.6	94.8





#76
1,4-Dichlorobenzene
Concen: 2.068 ppbv
RT: 11.665 min Scan# 3576
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

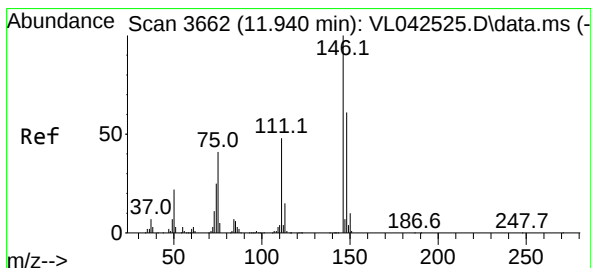
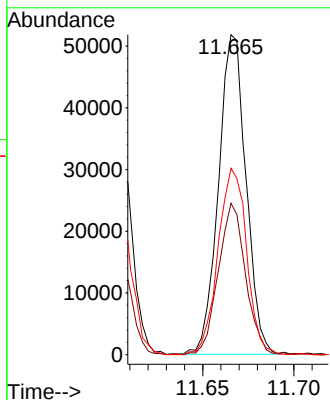
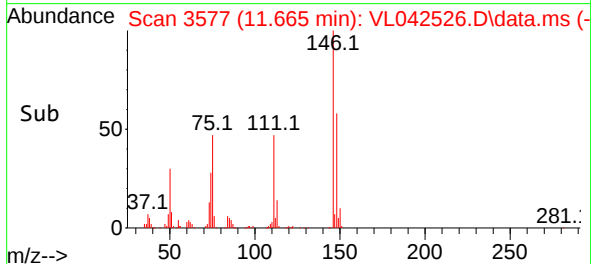
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



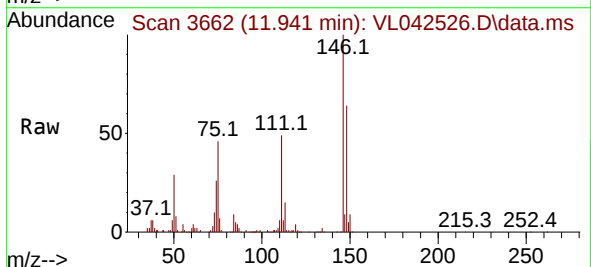
Tgt Ion:146 Resp: 5432
Ion Ratio Lower Upper
146 100
111 47.1 23.4 70.3
148 60.8 31.6 94.7

Manual Integrations
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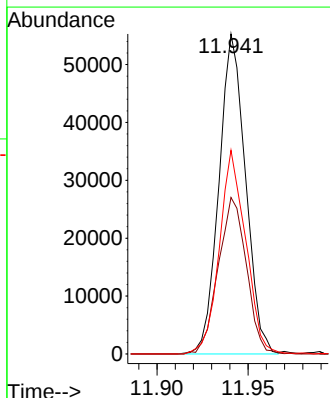
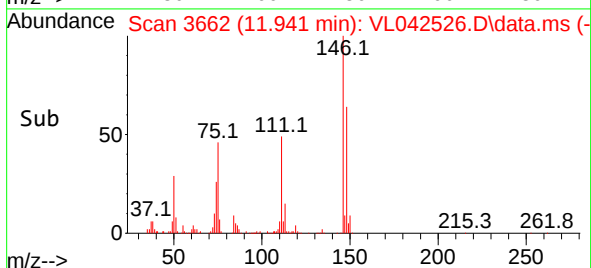
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

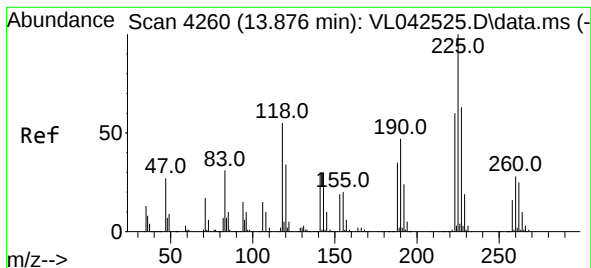


#77
1,2-Dichlorobenzene
Concen: 1.961 ppbv
RT: 11.941 min Scan# 3662
Delta R.T. 0.000 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion:146 Resp: 55926
Ion Ratio Lower Upper
146 100
111 51.6 24.9 74.8
148 63.3 31.4 94.2





#78

Hexachloro-1,3-Butadiene

Concen: 2.157 ppbv

RT: 13.876 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

Instrument :

MSVOA_L

ClientSampleId :

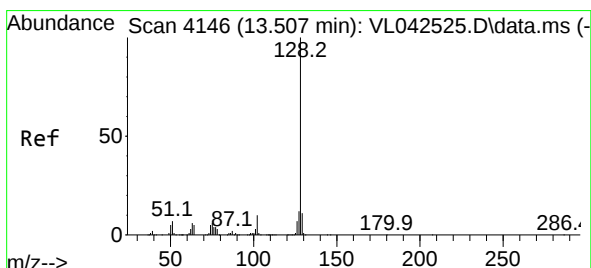
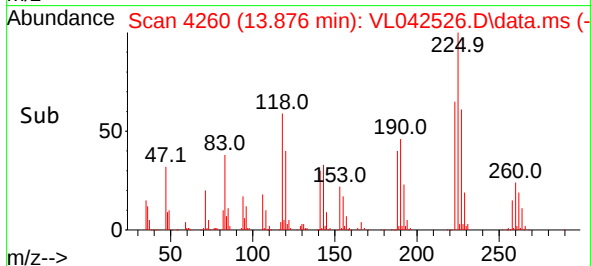
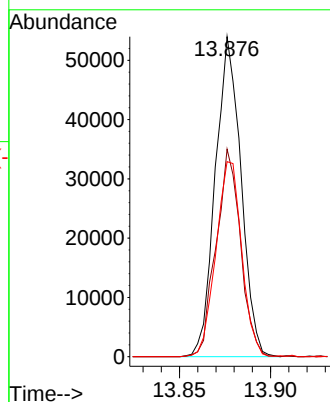
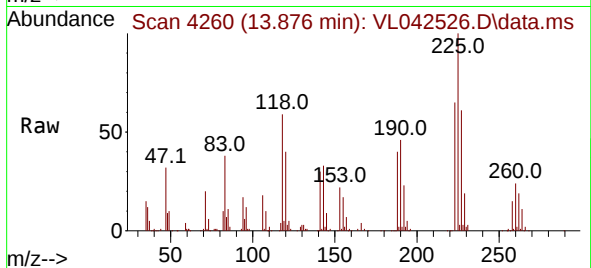
VSTDICC002

Tgt Ion:	225	Resp:	5275
Ion Ratio	Lower	Upper	
225	100		
223	61.9	50.8	76.2
227	61.5	50.5	75.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#79

Naphthalene

Concen: 2.544 ppbv

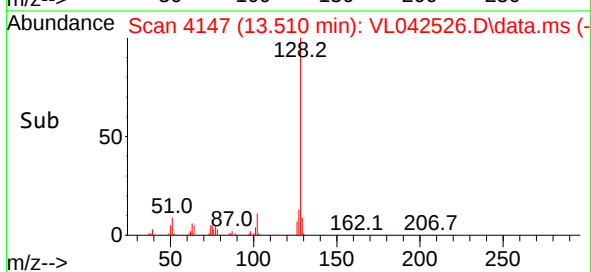
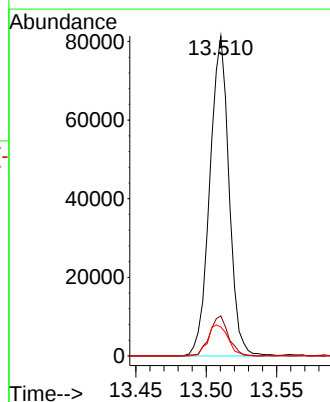
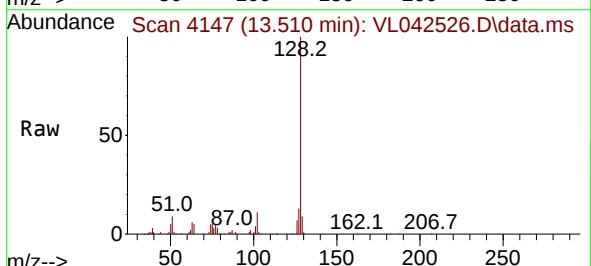
RT: 13.510 min Scan# 4147

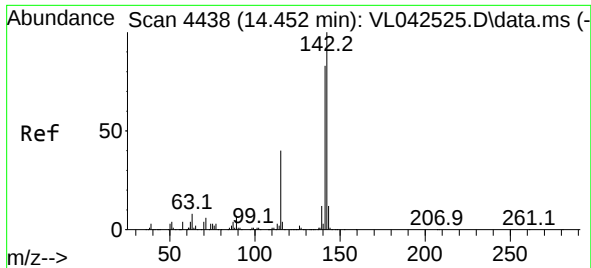
Delta R.T. 0.003 min

Lab File: VL042526.D

Acq: 12 May 2025 09:33

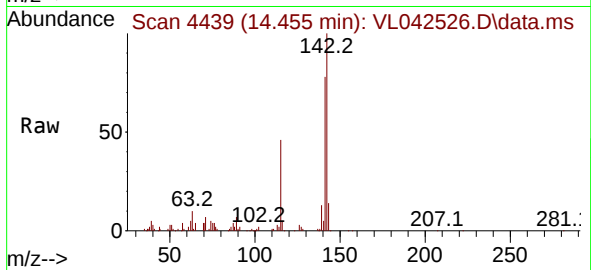
Tgt Ion:	128	Resp:	77440
Ion Ratio	Lower	Upper	
128	100		
127	12.5	9.8	14.8
129	9.0	8.6	12.8





#80
Naphthalene, 2-methyl-
Concen: 2.030 ppbv
RT: 14.455 min Scan# 4438
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33

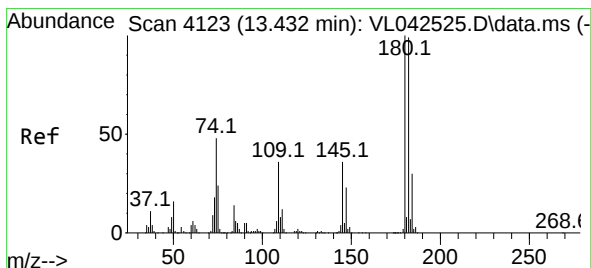
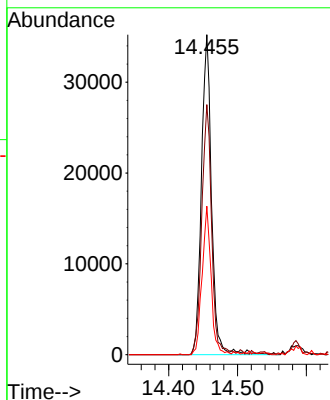
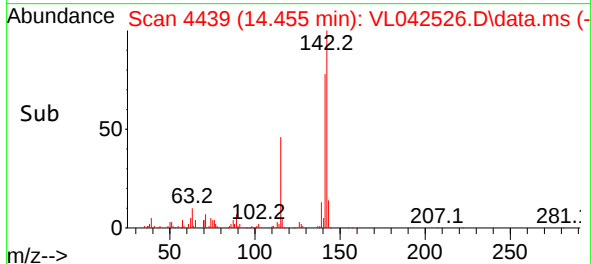
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



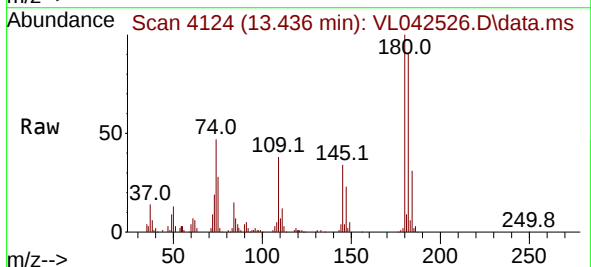
Tgt Ion:142 Resp: 3595
Ion Ratio Lower Upper
142 100
141 76.7 66.8 100.2
115 41.3 33.0 49.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#81
1,2,4-Trichlorobenzene
Concen: 2.294 ppbv
RT: 13.436 min Scan# 4124
Delta R.T. 0.003 min
Lab File: VL042526.D
Acq: 12 May 2025 09:33



Tgt Ion:180 Resp: 42643
Ion Ratio Lower Upper
180 100
182 92.9 76.6 114.8
184 29.8 24.6 36.8

