

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051225\
 Data File : VL042531.D
 Acq On : 12 May 2025 12:22
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

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

Quant Time: May 12 12:59:59 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 : Fri May 02 03:16:31 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	101240	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	292487	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	247730	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.370 95 233689 10.175 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.492	85	31479	1.879	ppbv	95
3) Chlorodifluoromethane	1.470	51	47343	2.673	ppbv	97
4) Chloromethane	1.528	50	66004	9.426	ppbv	96
5) Vinyl Chloride	1.576	62	62085	8.806	ppbv	99
6) Bromomethane	1.664	94	33761	10.136	ppbv	92
7) Chloroethane	1.699	64	24783	9.520	ppbv	93
8) Dichlorotetrafluoroethane	1.551	85	138341	10.017	ppbv	96
10) Heptane	4.968	43	165194	10.992	ppbv	98
11) Trichlorofluoromethane	1.874	101	162715	10.525	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.136	101	128595	10.418	ppbv	96
13) Ethanol	1.719	45	7584	6.451	ppbv	98
14) Bromoethene	1.777	108	47268	10.372	ppbv	96
15) Acetone	1.832	43	139402	7.543	ppbv	98
16) 1,3-Butadiene	1.606	39	71803	8.809	ppbv	99
17) tert-Butyl alcohol	2.036	59	144214	8.857	ppbv	99
18) 1,1-Dichloroethene	2.030	96	57065	9.901	ppbv	98
19) Isopropyl Alcohol	1.884	45	82170	8.033	ppbv	99
20) Methylene Chloride	2.059	84	50570	9.102	ppbv	89
21) Allyl Chloride	2.091	41	107339	9.031	ppbv	98
22) trans-1,2-Dichloroethene	2.337	96	63506	9.434	ppbv	91
23) Vinyl Acetate	2.457	43	168939	9.578	ppbv #	97
24) 1,1-Dichloroethane	2.405	63	126565	9.216	ppbv	98
25) Ethyl Acetate	2.832	43	301240	10.180	ppbv	100
26) Hexane	2.819	57	129742	10.064	ppbv	99
27) Carbon Disulfide	2.146	76	160190	10.648	ppbv #	91
28) Methyl tert-Butyl Ether	2.437	73	64701	8.354	ppbv	99
29) Chloroform	2.842	83	244130	10.105	ppbv	98
30) Cyclohexane	3.849	84	112925	10.477	ppbv	96
31) cis-1,2-Dichloroethene	2.716	61	132658	8.820	ppbv	97
32) 1,1,1-Trichloroethane	3.363	97	247925	9.459	ppbv	98
34) 2-Butanone	2.554	43	188648	8.917	ppbv	96
35) Carbon Tetrachloride	3.755	117	274580	10.334	ppbv	99
36) Benzene	3.651	78	270638	9.805	ppbv	95
37) 1,2-Dichloroethane	3.214	62	187065	8.794	ppbv	99
38) Trichloroethene	4.541	130	113937	10.824	ppbv	98
39) 1,2-Dichloropropane	4.308	63	96289	9.319	ppbv	85
40) 1,4-Dioxane	4.577	88	34868	7.206	ppbv #	100
41) Tetrahydrofuran	3.049	42	94890	9.438	ppbv	98
42) Bromodichloromethane	4.483	83	255973	9.848	ppbv	95
43) Methyl Methacrylate	4.868	69	98210m	9.535	ppbv	
44) 2,2,4-Trimethylpentane	4.632	57	464272	10.377	ppbv	98
45) t-1,3-Dichloropropene	6.409	75	119133	8.816	ppbv	96
46) cis-1,3-Dichloropropene	5.593	75	149394	9.302	ppbv	98

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

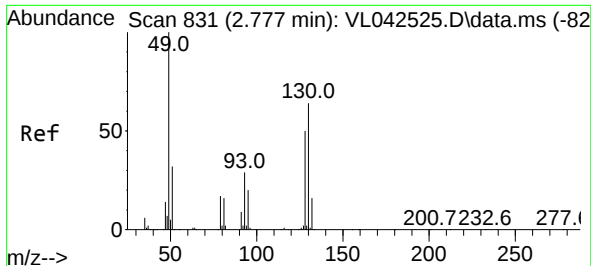
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 02 03:16:31 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 1,1,2-Trichloroethane	6.574	97	116890	10.314	ppbv	97
48) Dibromochloromethane	7.380	129	205697	10.752	ppbv	99
49) Bromoform	9.477	173	176571	11.005	ppbv	99
50) 4-Methyl-2-Pentanone	5.739	43	260655	9.740	ppbv	96
51) 2-Hexanone	7.432	43	214393	10.021	ppbv #	98
52) Tetrachloroethene	8.218	164	98476	9.373	ppbv	88
53) Toluene	6.923	91	302285	10.347	ppbv	99
54) 1,2-Dibromoethane	7.645	107	175196	10.112	ppbv	93
56) 1,1,1,2-Tetrachloroethane	8.917	131	163521	11.176	ppbv	98
57) Chlorobenzene	8.914	112	264651	10.632	ppbv	88
58) Ethyl Benzene	9.351	91	448540	10.835	ppbv	100
59) m/p-Xylene	9.529	91	791713m	22.811	ppbv	
60) o-Xylene	9.959	91	404034	11.627	ppbv	98
61) Styrene	9.866	104	147664	11.387	ppbv	96
62) Isopropylbenzene	10.535	105	579925	11.570	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.959	83	247803	10.343	ppbv	99
64) n-propylbenzene	10.985	120	152062	12.413	ppbv	89
65) tert-Butylbenzene	11.529	119	536105	11.985	ppbv	94
66) Benzyl Chloride	11.613	91	62799	12.147	ppbv	99
67) sec-Butylbenzene	11.762	105	746714	11.747	ppbv	98
69) p-Isopropyltoluene	11.921	119	653440	12.201	ppbv	96
70) n-Butylbenzene	12.277	91	650779	11.754	ppbv	98
71) 2-Chlorotoluene	10.898	91	440320	11.200	ppbv	96
72) 4-Ethyltoluene	11.121	105	506844	12.371	ppbv	98
73) 1,3,5-Trimethylbenzene	11.199	105	428169	11.882	ppbv	99
74) 1,2,4-Trimethylbenzene	11.532	105	488716	11.210	ppbv	96
75) 1,3-Dichlorobenzene	11.604	146	287342	11.839	ppbv	97
76) 1,4-Dichlorobenzene	11.668	146	290443	12.645	ppbv	97
77) 1,2-Dichlorobenzene	11.943	146	277399	11.677	ppbv	98
78) Hexachloro-1,3-Butadiene	13.879	225	223061	9.403	ppbv	99
79) Naphthalene	13.510	128	406535	11.077	ppbv	97
80) Naphthalene,2-methyl-	14.455	142	232931	8.539	ppbv	97
81) 1,2,4-Trichlorobenzene	13.436	180	216738	11.073	ppbv	98

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



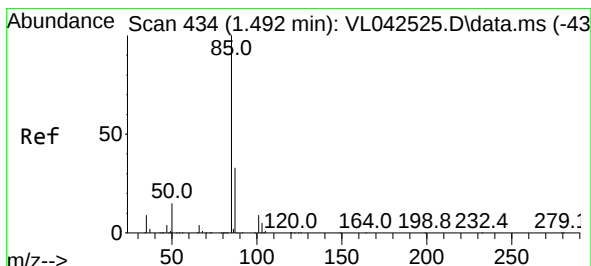
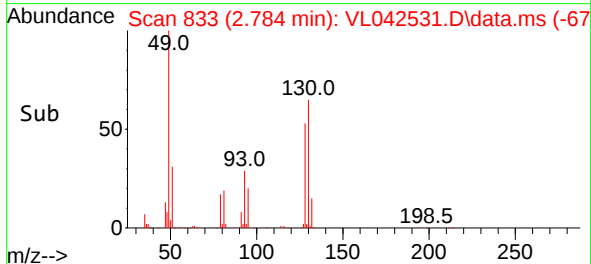
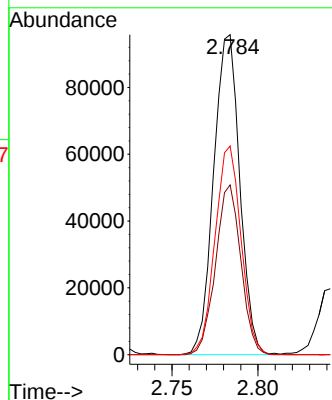
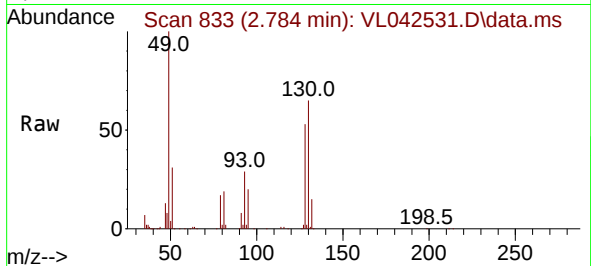
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 101240
Ion Ratio Lower Upper
49 100
128 51.3 23.3 69.9
130 64.8 29.5 88.6

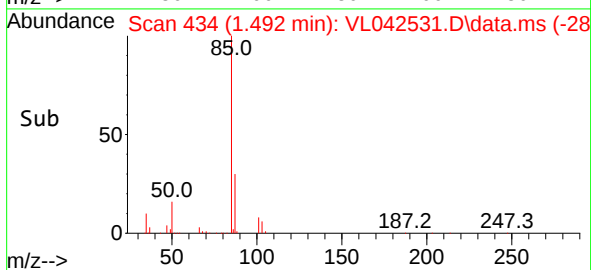
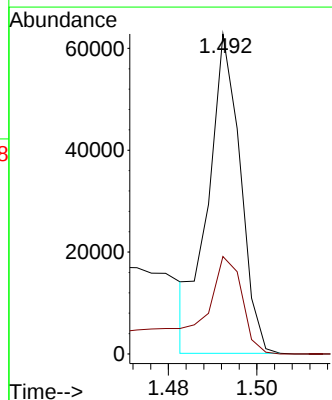
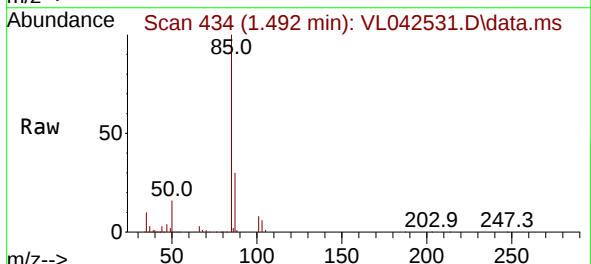
Manual Integrations
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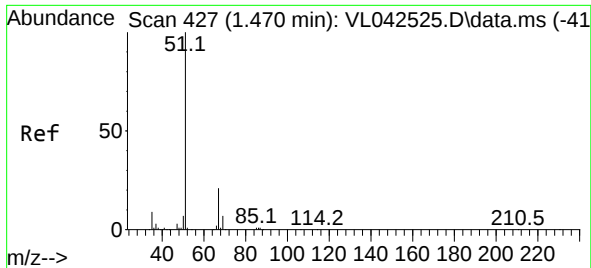
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#2
Dichlorodifluoromethane
Concen: 1.879 ppbv
RT: 1.492 min Scan# 434
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 85 Resp: 31479
Ion Ratio Lower Upper
85 100
87 30.5 26.9 40.3





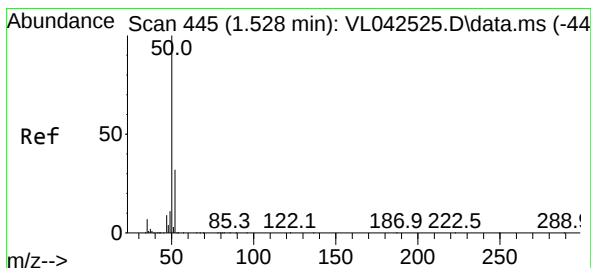
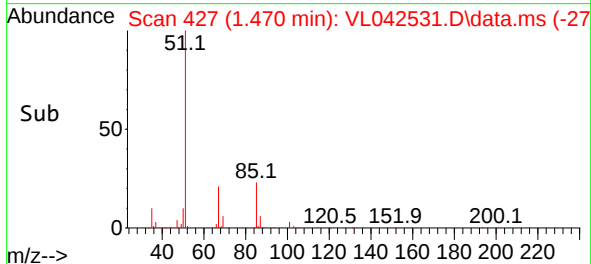
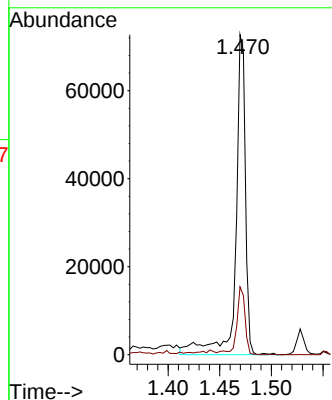
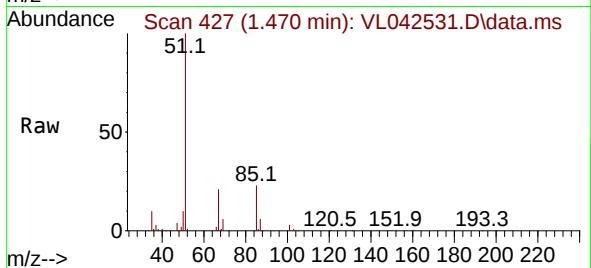
#3
Chlorodifluoromethane
Concen: 2.673 ppbv
RT: 1.470 min Scan# 427
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 51 Resp: 4734
Ion Ratio Lower Upper
51 100
67 21.3 18.4 27.6

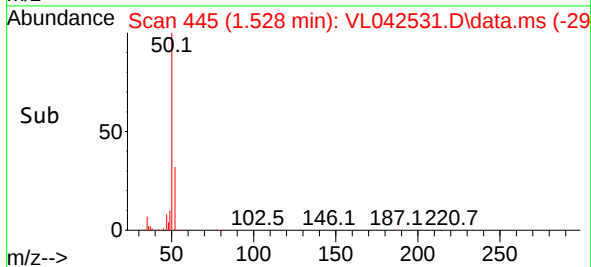
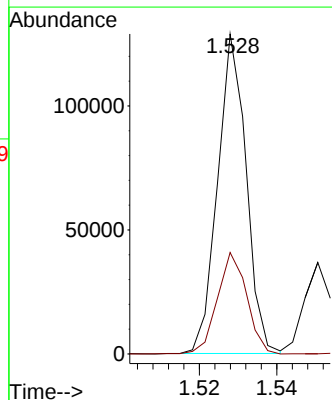
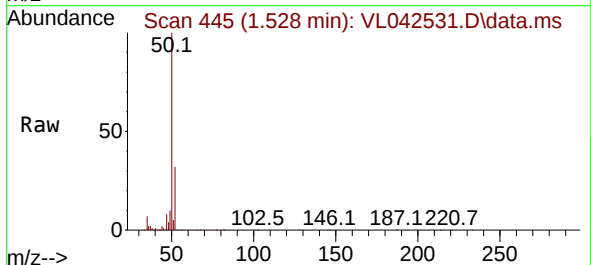
Manual Integrations
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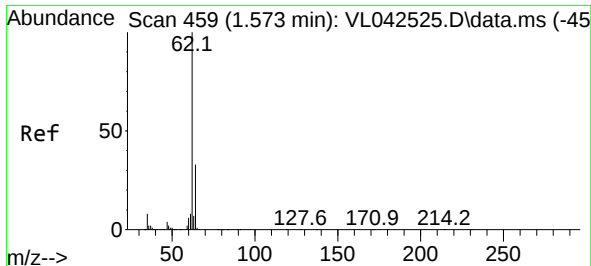
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#4
Chloromethane
Concen: 9.426 ppbv
RT: 1.528 min Scan# 445
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 50 Resp: 66004
Ion Ratio Lower Upper
50 100
52 31.8 23.5 35.3





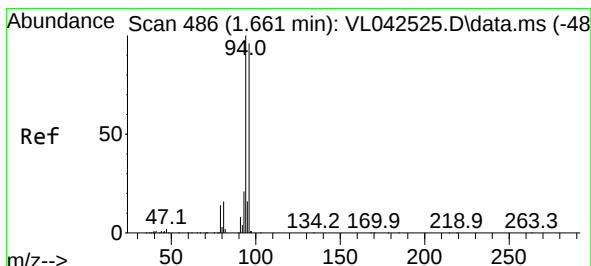
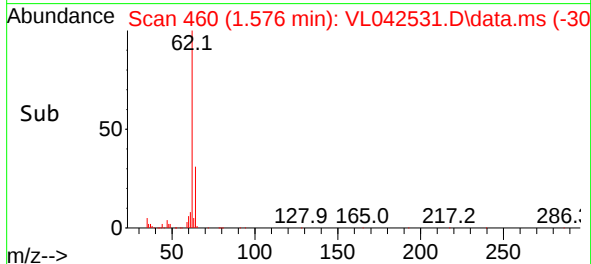
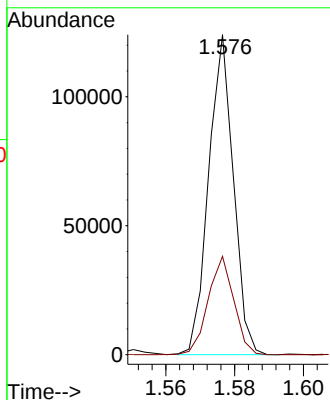
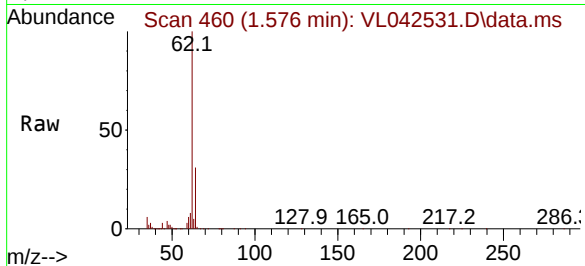
#5
 Vinyl Chloride
 Concen: 8.806 ppbv
 RT: 1.576 min Scan# 459
 Delta R.T. -0.003 min
 Lab File: VL042531.D
 Acq: 12 May 2025 12:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 62 Resp: 62085
 Ion Ratio Lower Upper
 62 100
 64 30.7 24.9 37.3

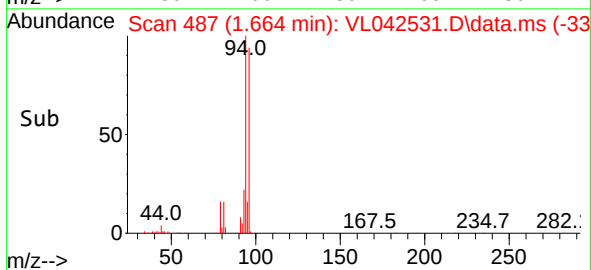
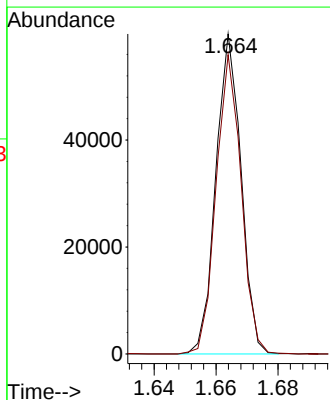
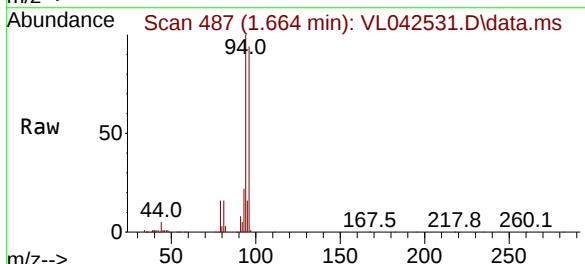
Manual Integrations
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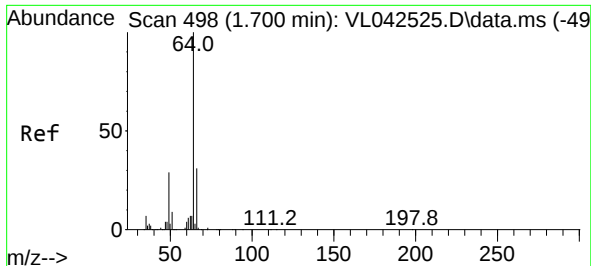
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#6
 Bromomethane
 Concen: 10.136 ppbv
 RT: 1.664 min Scan# 487
 Delta R.T. -0.003 min
 Lab File: VL042531.D
 Acq: 12 May 2025 12:22

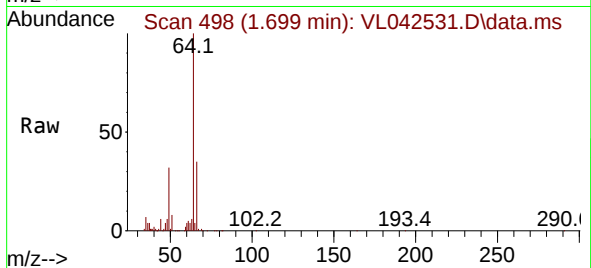
Tgt Ion: 94 Resp: 33761
 Ion Ratio Lower Upper
 94 100
 96 93.5 68.8 103.2





#7
Chloroethane
Concen: 9.520 ppbv
RT: 1.699 min Scan# 498
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

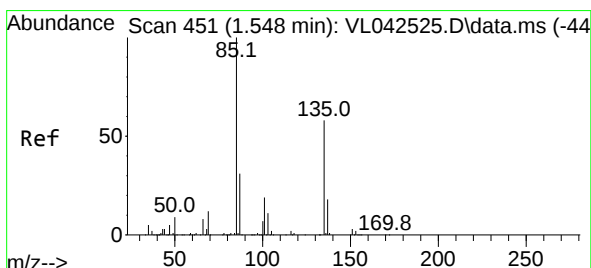
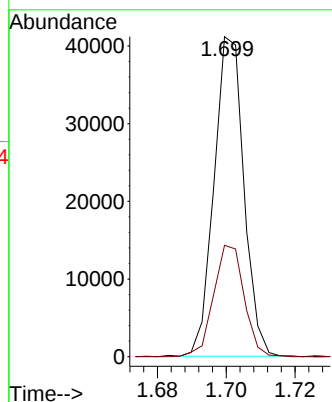
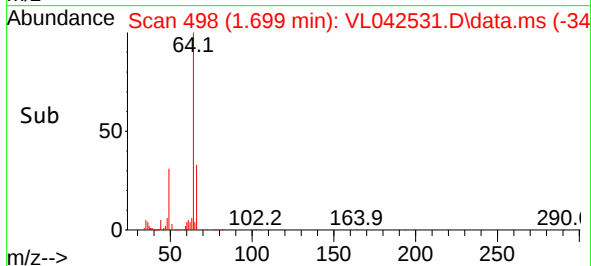
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



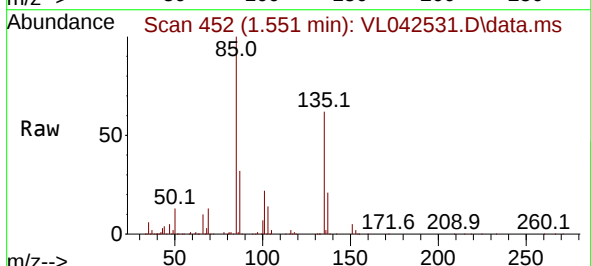
Tgt Ion: 64 Resp: 24783
Ion Ratio Lower Upper
64 100
66 34.8 25.0 37.4

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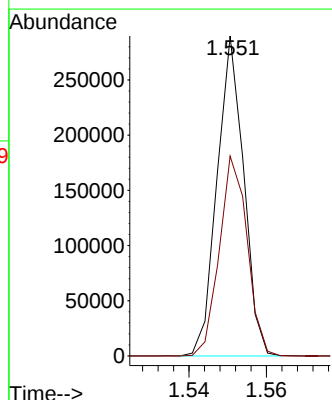
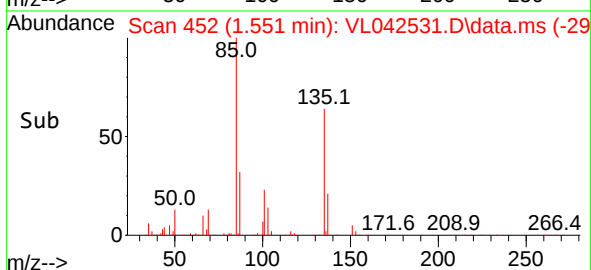
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

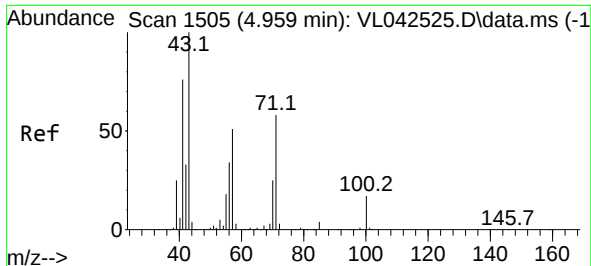


#8
Dichlorotetrafluoroethane
Concen: 10.017 ppbv
RT: 1.551 min Scan# 452
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



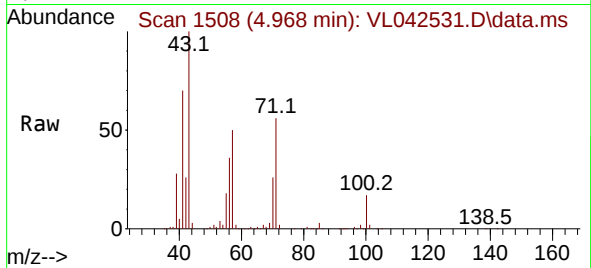
Tgt Ion: 85 Resp: 138341
Ion Ratio Lower Upper
85 100
135 65.4 49.8 74.8





#10
Heptane
Concen: 10.992 ppbv
RT: 4.968 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

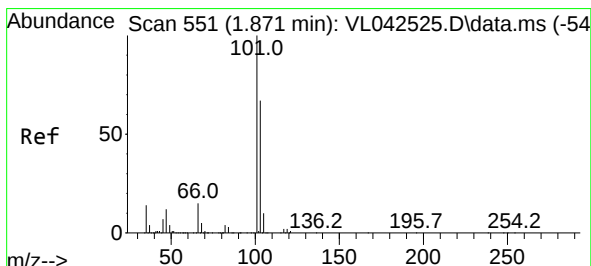
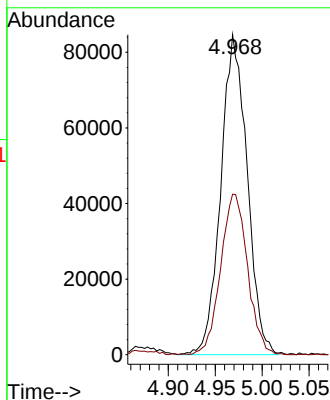
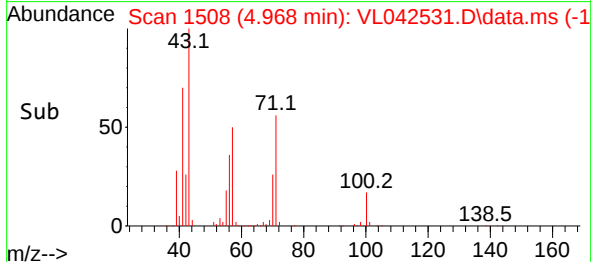
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 165194
Ion Ratio Lower Upper
43 100
57 51.2 41.8 62.8

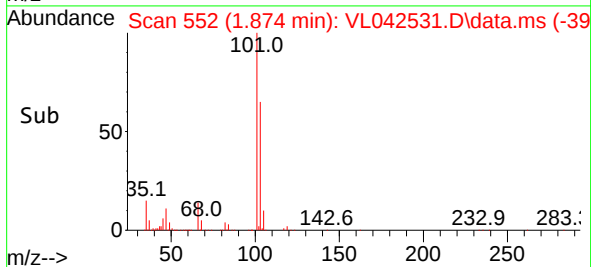
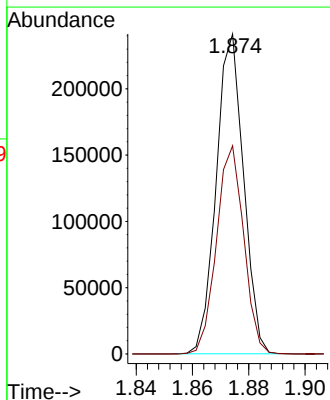
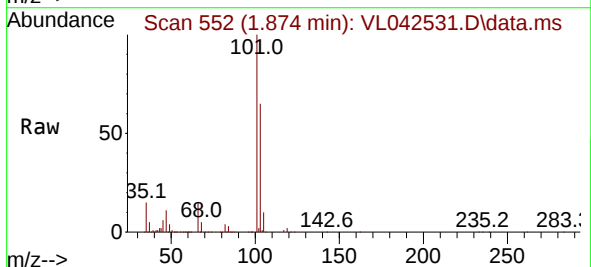
Manual Integrations
APPROVED

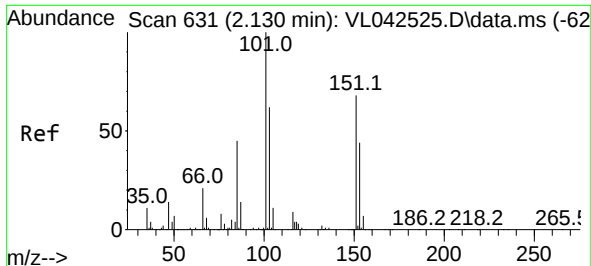
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#11
Trichlorofluoromethane
Concen: 10.525 ppbv
RT: 1.874 min Scan# 552
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

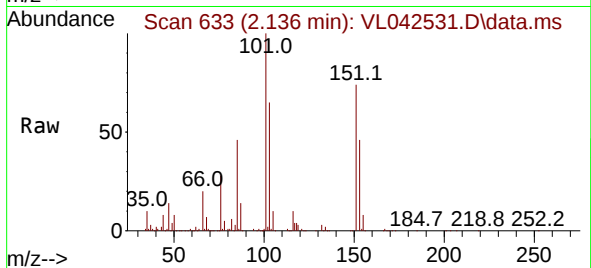
Tgt Ion:101 Resp: 162715
Ion Ratio Lower Upper
101 100
103 65.1 50.6 76.0





#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.418 ppbv
RT: 2.136 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

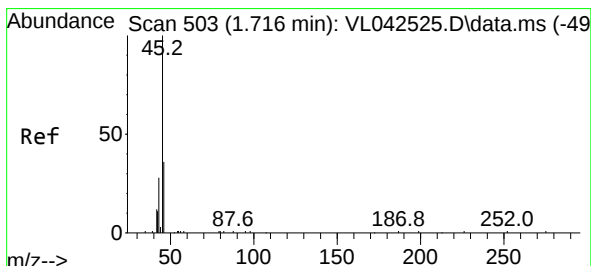
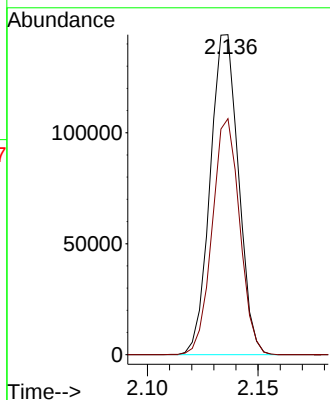
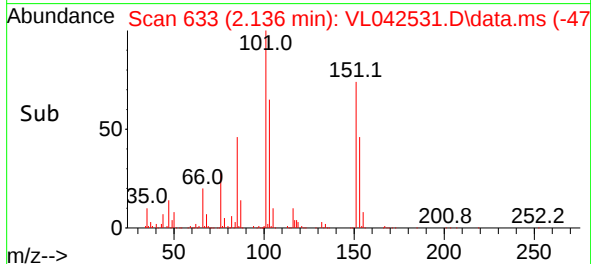
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



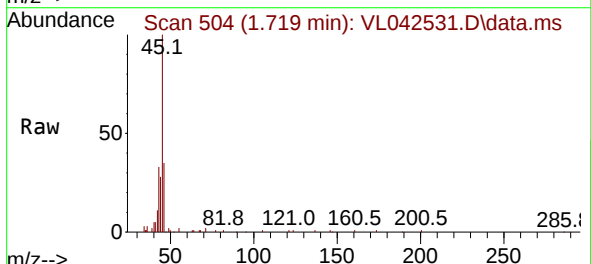
Tgt Ion:101 Resp: 12859
Ion Ratio Lower Upper
101 100
151 71.5 54.6 82.0

Manual Integrations
APPROVED

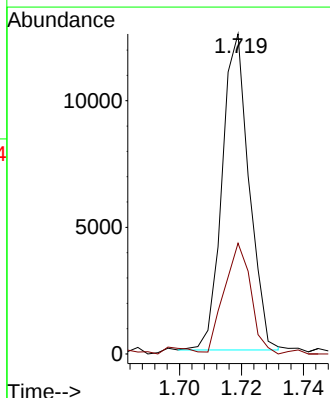
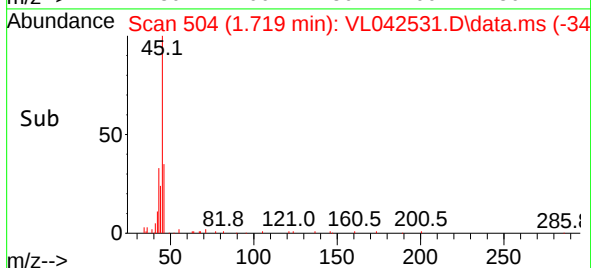
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

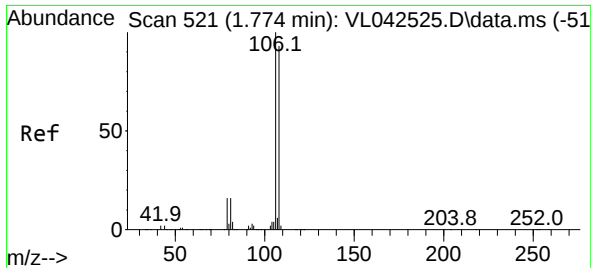


#13
Ethanol
Concen: 6.451 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion: 45 Resp: 7584
Ion Ratio Lower Upper
45 100
46 37.1 15.3 61.1





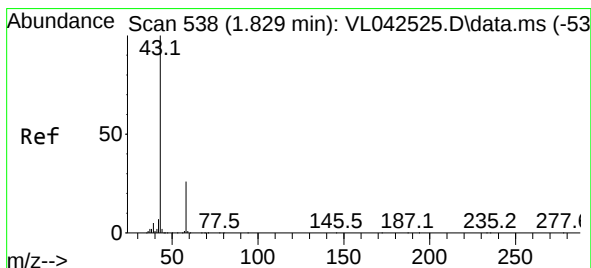
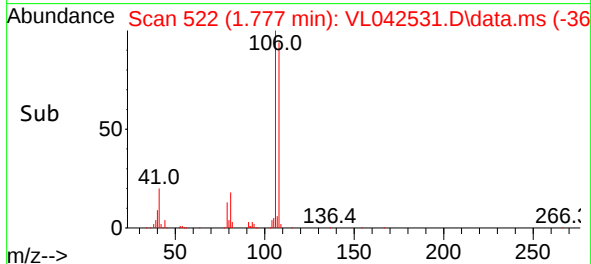
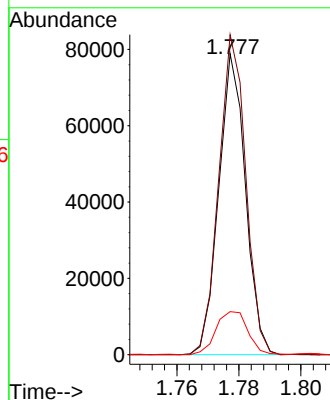
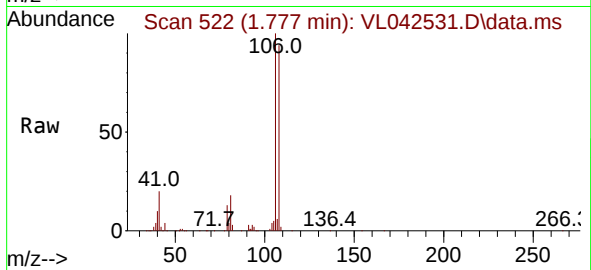
#14
Bromoethene
Concen: 10.372 ppbv
RT: 1.777 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:108 Resp: 47268
Ion Ratio Lower Upper
108 100
106 107.5 88.8 133.2
79 18.0 17.1 25.7

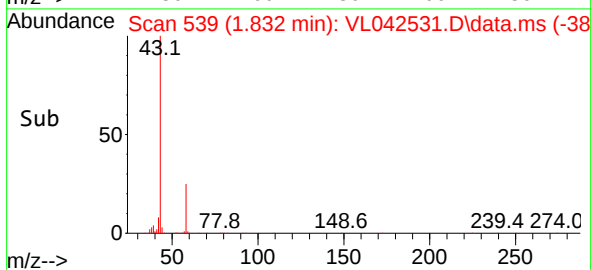
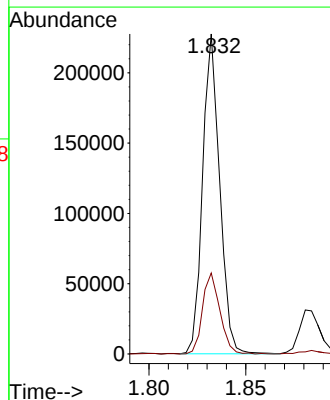
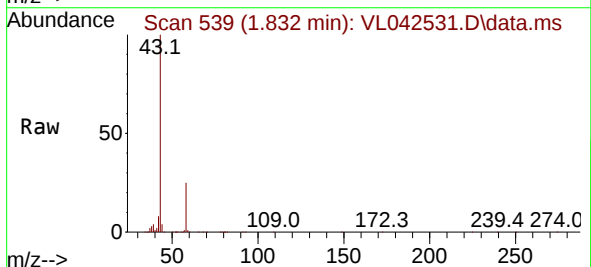
Manual Integrations
APPROVED

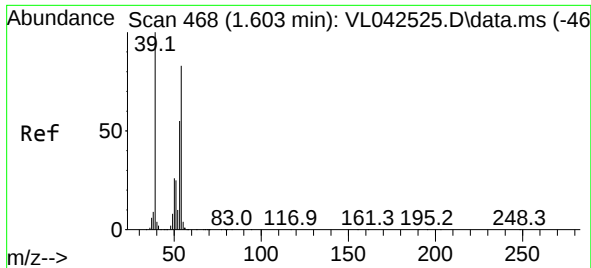
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#15
Acetone
Concen: 7.543 ppbv
RT: 1.832 min Scan# 539
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

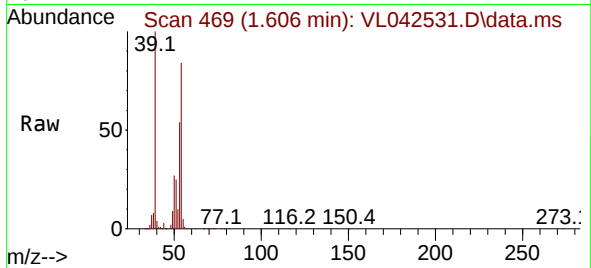
Tgt Ion: 43 Resp: 139402
Ion Ratio Lower Upper
43 100
58 26.0 19.8 29.8





#16
1,3-Butadiene
Concen: 8.809 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

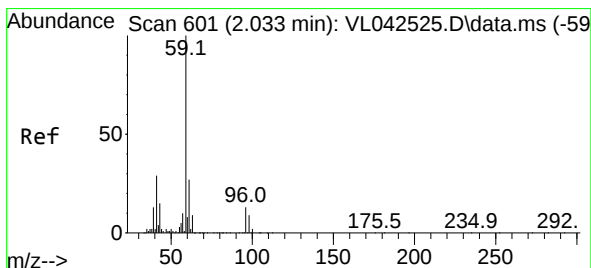
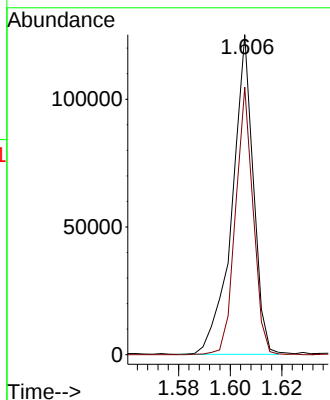
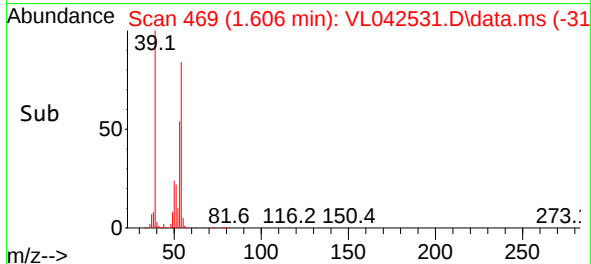
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 39 Resp: 71800
Ion Ratio Lower Upper
39 100
54 69.6 55.2 82.8

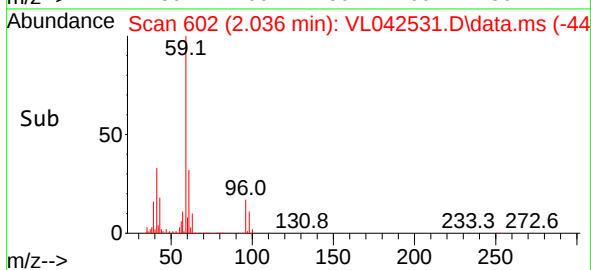
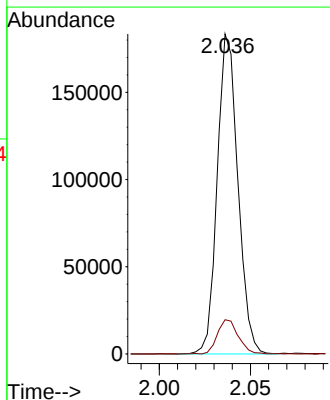
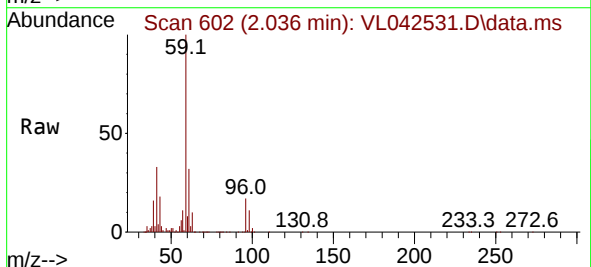
Manual Integrations
APPROVED

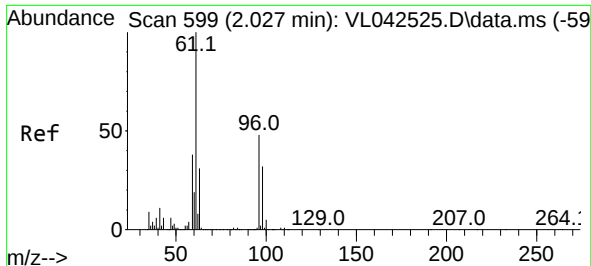
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#17
tert-Butyl alcohol
Concen: 8.857 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

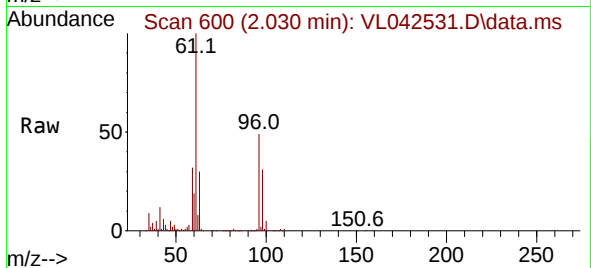
Tgt Ion: 59 Resp: 144214
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5





#18
1,1-Dichloroethene
Concen: 9.901 ppbv
RT: 2.030 min Scan# 600
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

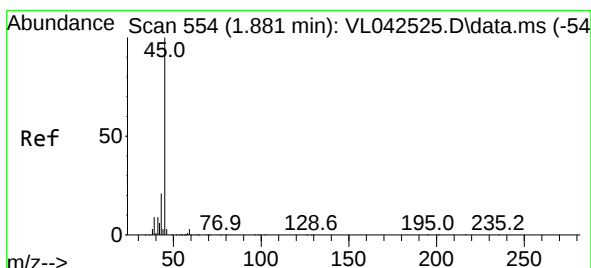
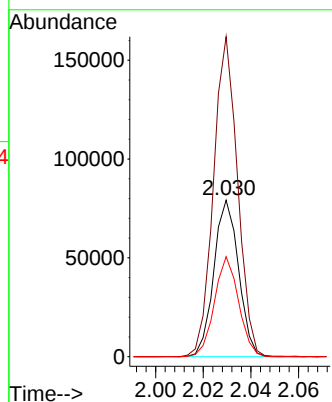
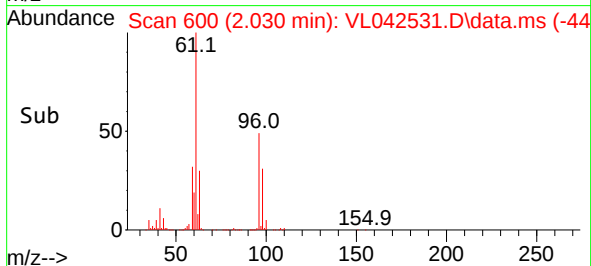
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 5706
Ion Ratio Lower Upper
96 100
61 204.4 164.9 247.3
98 63.9 48.2 72.2

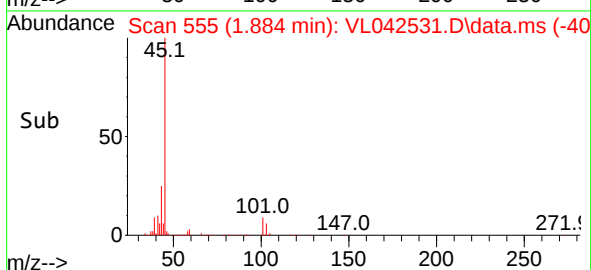
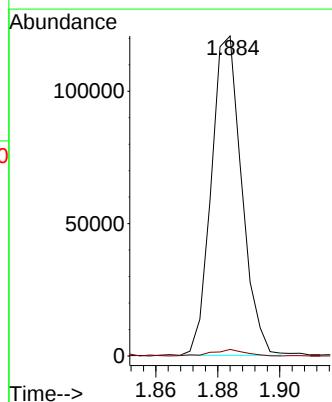
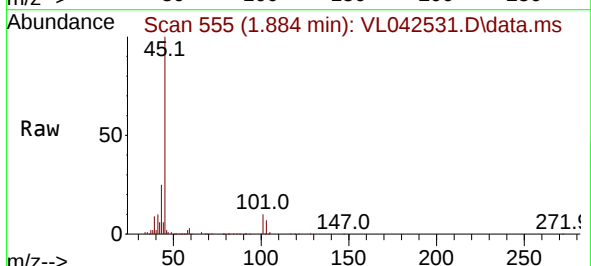
Manual Integrations
APPROVED

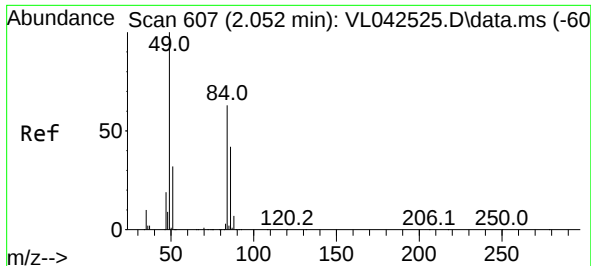
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#19
Isopropyl Alcohol
Concen: 8.033 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 45 Resp: 82170
Ion Ratio Lower Upper
45 100
58 2.3 1.6 2.4





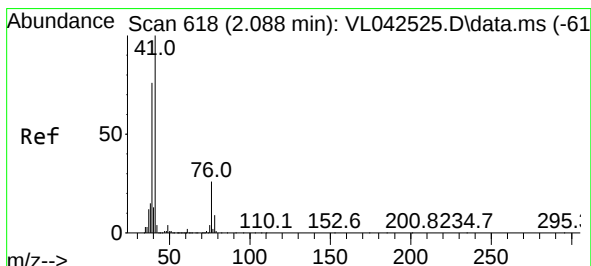
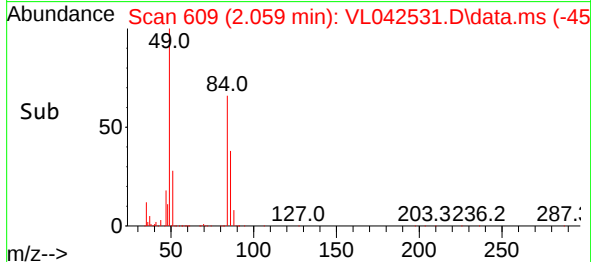
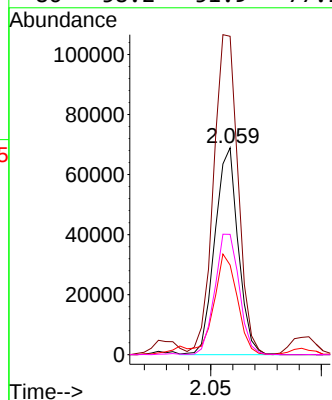
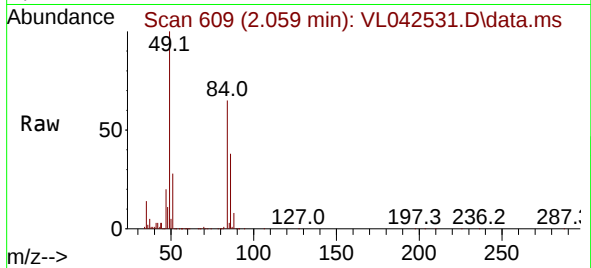
#20
Methylene Chloride
Concen: 9.102 ppbv
RT: 2.059 min Scan# 607
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 84 Resp: 50570
Ion Ratio Lower Upper
84 100
49 152.5 133.9 200.9
51 42.8 41.0 61.6
86 58.2 51.9 77.9

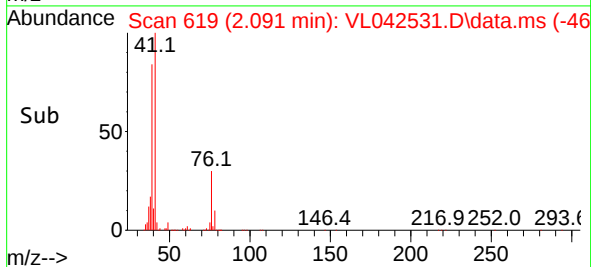
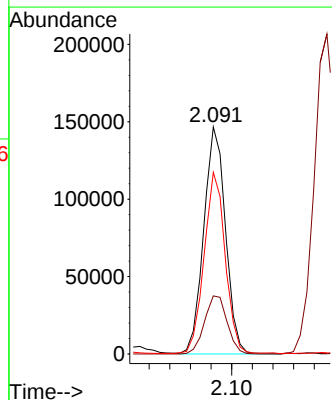
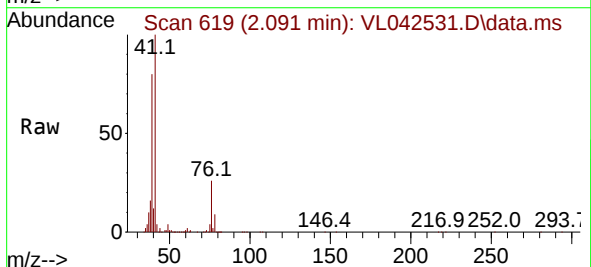
Manual Integrations
APPROVED

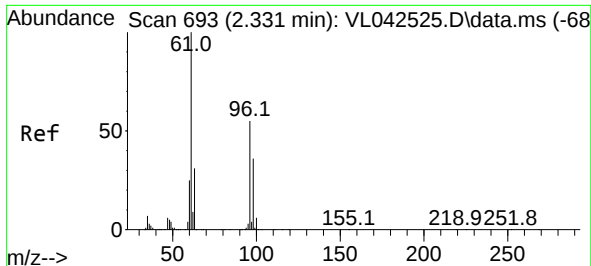
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#21
Allyl Chloride
Concen: 9.031 ppbv
RT: 2.091 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

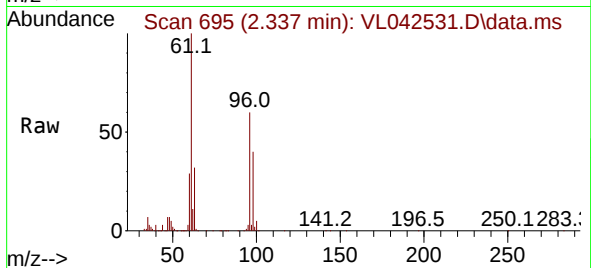
Tgt Ion: 41 Resp: 107339
Ion Ratio Lower Upper
41 100
76 26.5 19.6 29.4
39 77.2 61.0 91.4





#22
trans-1,2-Dichloroethene
Concen: 9.434 ppbv
RT: 2.337 min Scan# 693
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

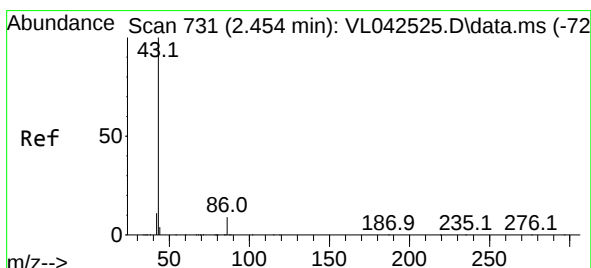
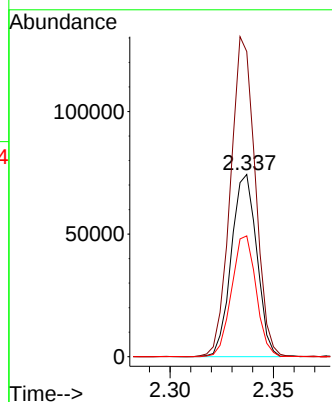
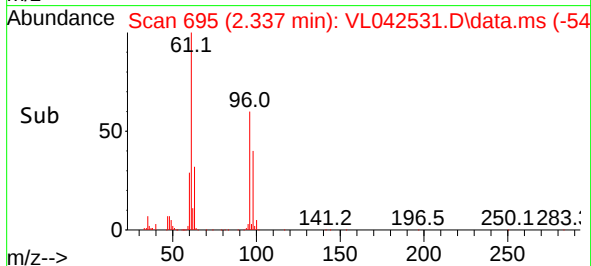
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 96 Resp: 63500
Ion Ratio Lower Upper
96 100
61 167.5 141.8 212.6
98 66.2 45.0 67.6

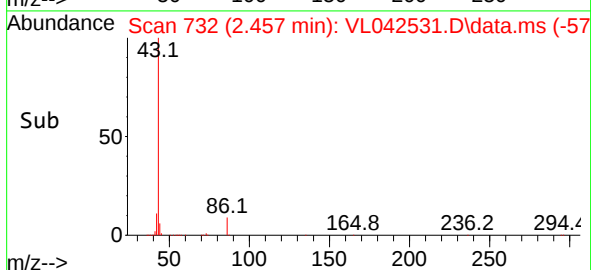
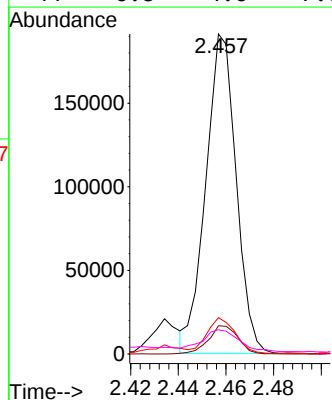
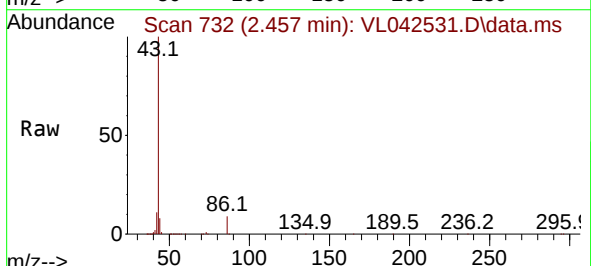
Manual Integrations
APPROVED

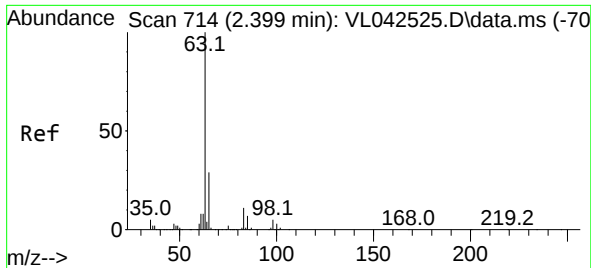
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#23
Vinyl Acetate
Concen: 9.578 ppbv
RT: 2.457 min Scan# 732
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 43 Resp: 168939
Ion Ratio Lower Upper
43 100
86 8.8 5.5 8.3#
42 11.0 8.3 12.5
44 6.8 4.6 7.0





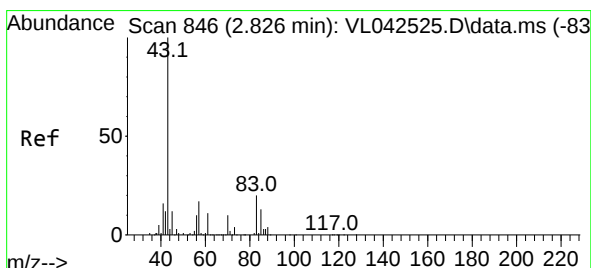
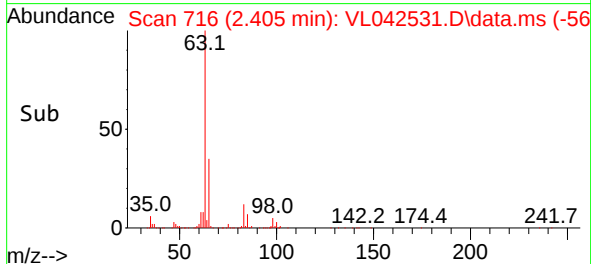
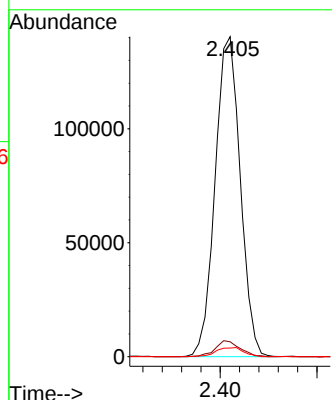
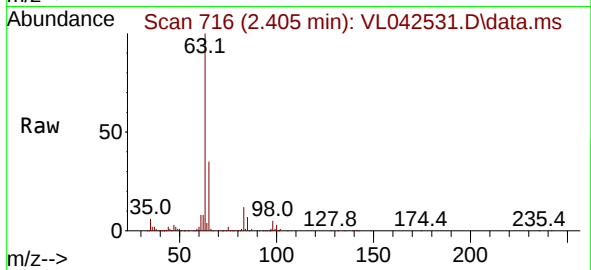
#24
1,1-Dichloroethane
Concen: 9.216 ppbv
RT: 2.405 min Scan# 714
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 63 Resp: 12656
Ion Ratio Lower Upper
63 100
98 4.7 1.8 5.5
100 2.7 1.4 4.2

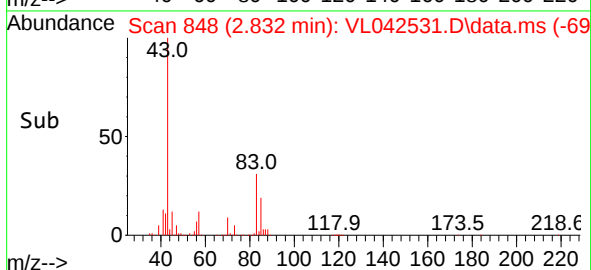
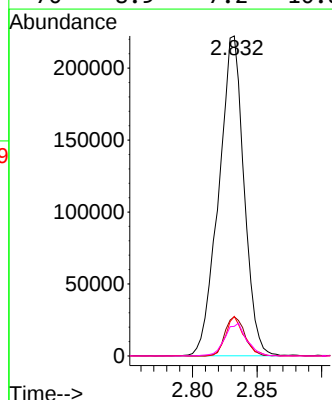
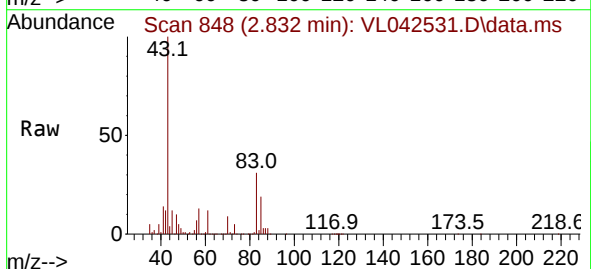
Manual Integrations
APPROVED

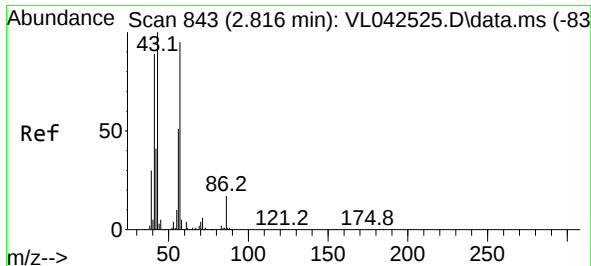
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#25
Ethyl Acetate
Concen: 10.180 ppbv
RT: 2.832 min Scan# 848
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

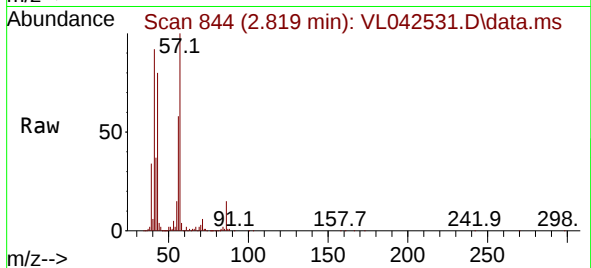
Tgt Ion: 43 Resp: 301240
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.6
61 9.2 7.2 10.8
70 8.9 7.2 10.8





#26
Hexane
Concen: 10.064 ppbv
RT: 2.819 min Scan# 843
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

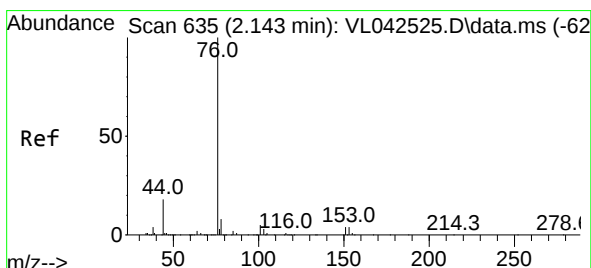
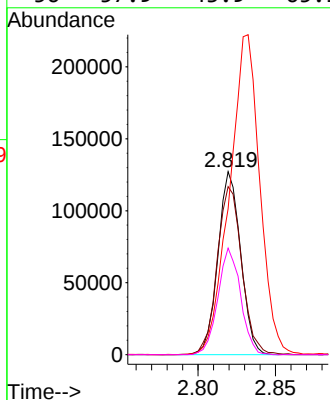
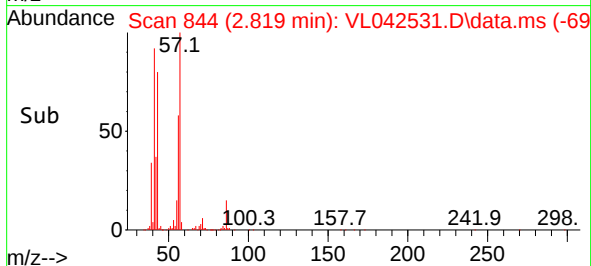
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



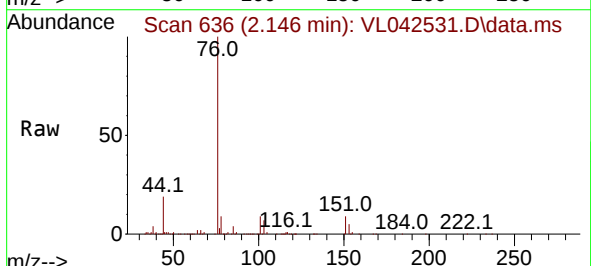
Tgt Ion: 57 Resp: 12974
Ion Ratio Lower Upper
57 100
41 99.7 77.8 116.8
43 233.2 187.0 280.6
56 57.9 43.9 65.9

Manual Integrations
APPROVED

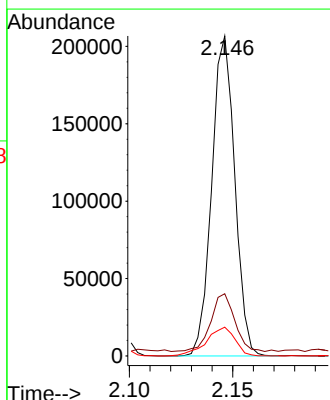
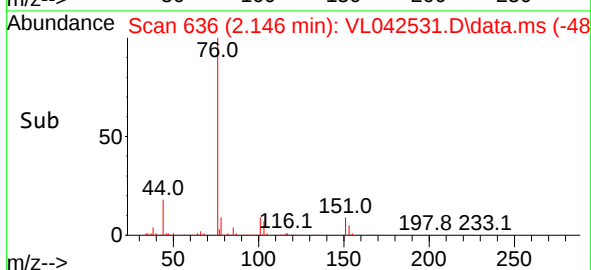
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

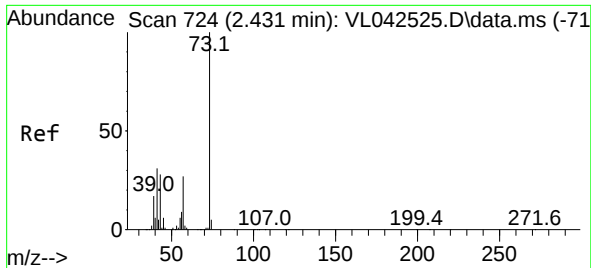


#27
Carbon Disulfide
Concen: 10.648 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion: 76 Resp: 160190
Ion Ratio Lower Upper
76 100
44 20.0 21.0 31.6#
78 11.0 8.6 13.0





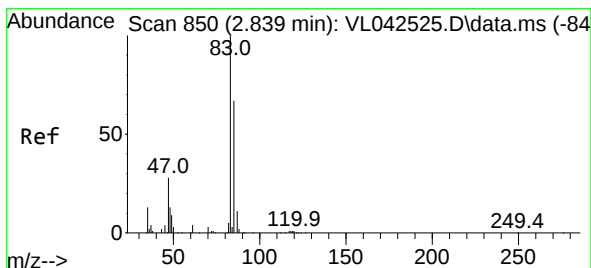
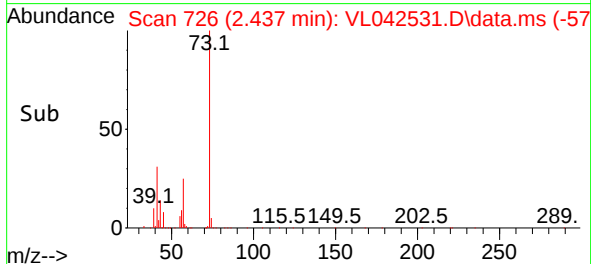
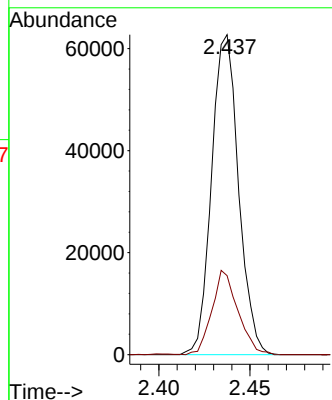
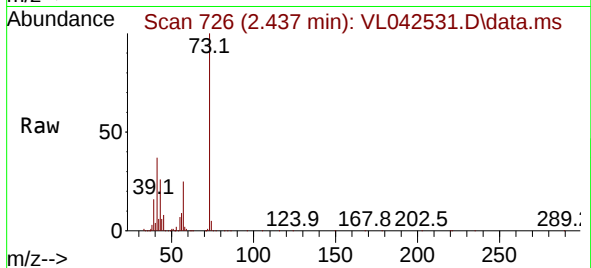
#28
Methyl tert-Butyl Ether
Concen: 8.354 ppbv
RT: 2.437 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 73 Resp: 6470
Ion Ratio Lower Upper
73 100
57 25.5 19.9 29.9

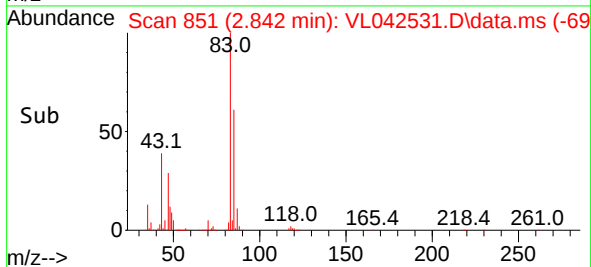
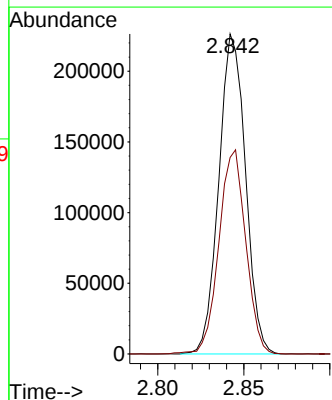
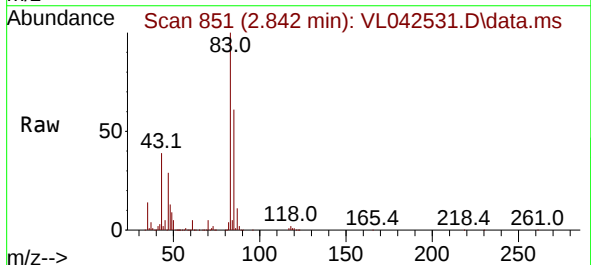
Manual Integrations
APPROVED

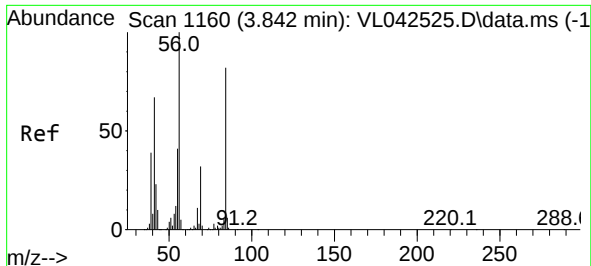
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#29
Chloroform
Concen: 10.105 ppbv
RT: 2.842 min Scan# 851
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

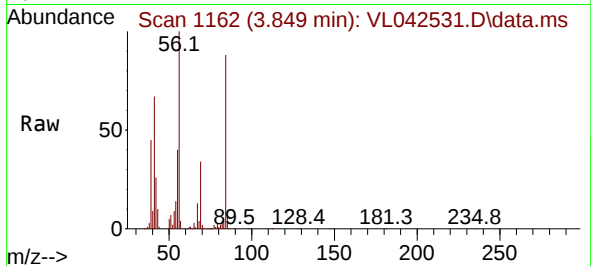
Tgt Ion: 83 Resp: 244130
Ion Ratio Lower Upper
83 100
85 61.3 50.4 75.6





#30
Cyclohexane
Concen: 10.477 ppbv
RT: 3.849 min Scan# 1162
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

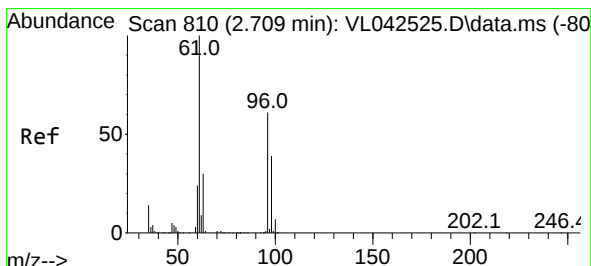
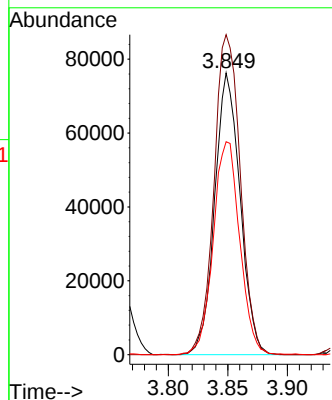
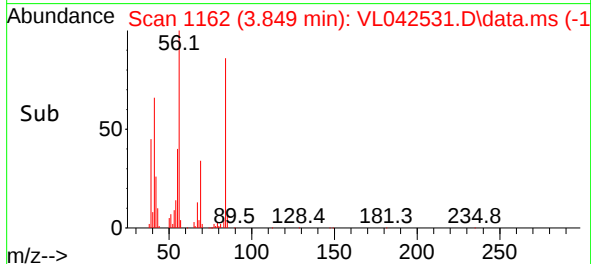
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



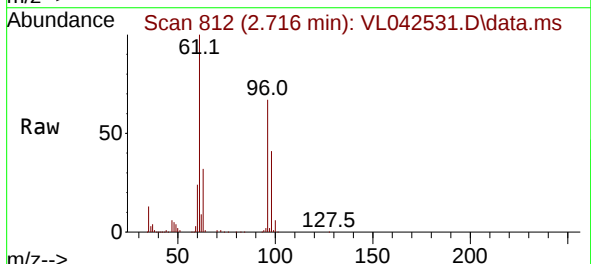
Tgt Ion: 84 Resp: 112925
Ion Ratio Lower Upper
84 100
56 117.7 98.1 147.1
41 79.1 65.8 98.8

Manual Integrations
APPROVED

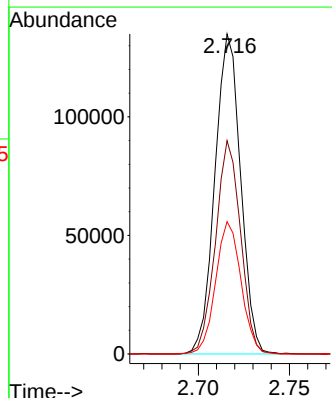
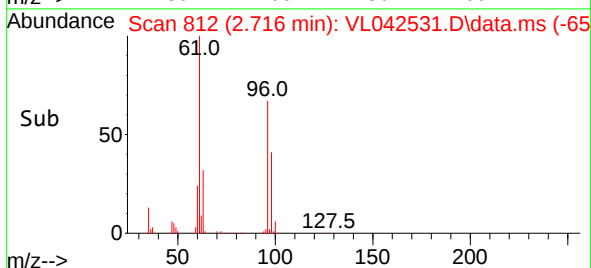
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

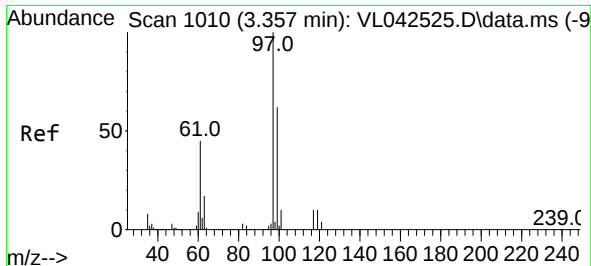


#31
cis-1,2-Dichloroethene
Concen: 8.820 ppbv
RT: 2.716 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



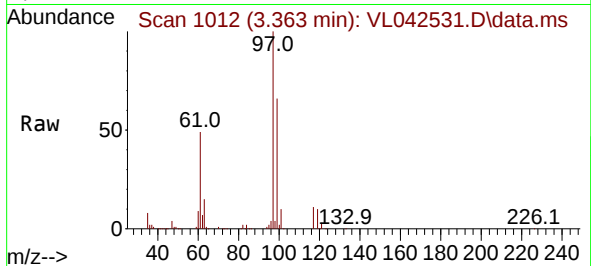
Tgt Ion: 61 Resp: 132658
Ion Ratio Lower Upper
61 100
96 66.6 52.0 78.0
98 41.3 31.0 46.6





#32
1,1,1-Trichloroethane
Concen: 9.459 ppbv
RT: 3.363 min Scan# 1010
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

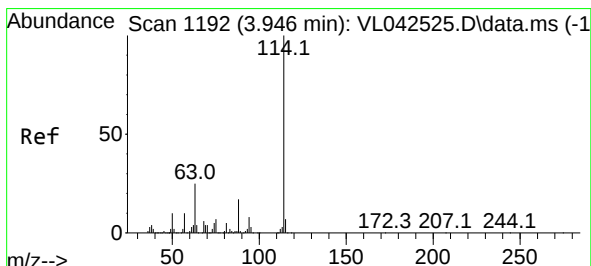
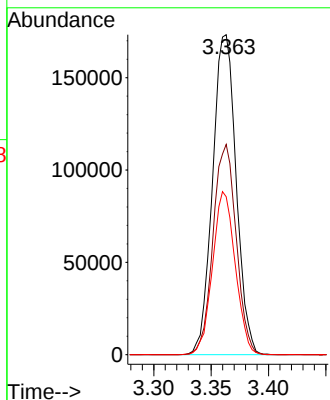
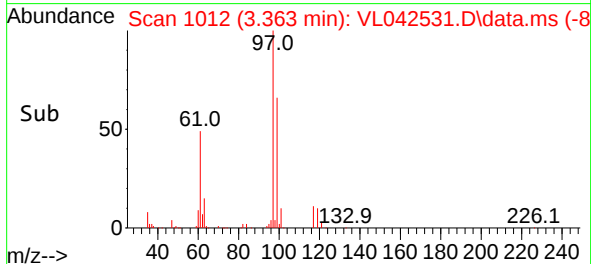
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 247925
Ion Ratio Lower Upper
97 100
99 64.5 50.7 76.1
61 49.3 40.9 61.3

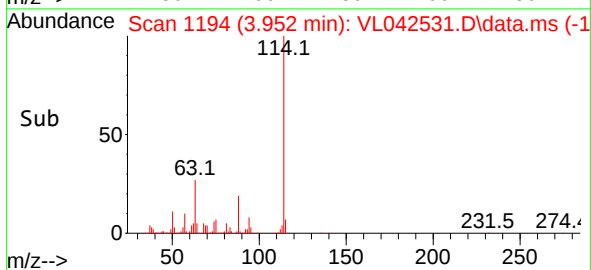
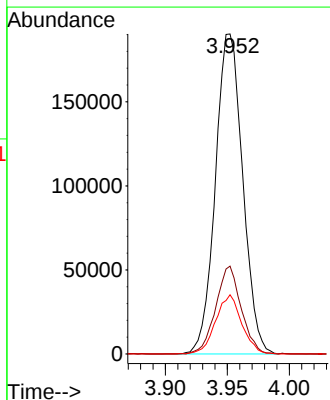
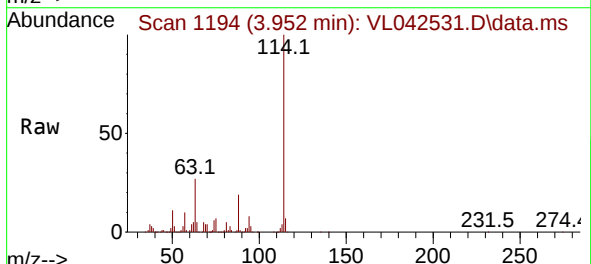
Manual Integrations
APPROVED

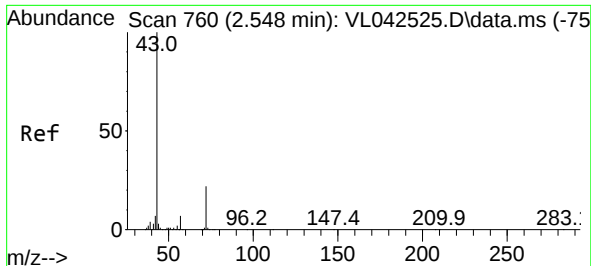
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

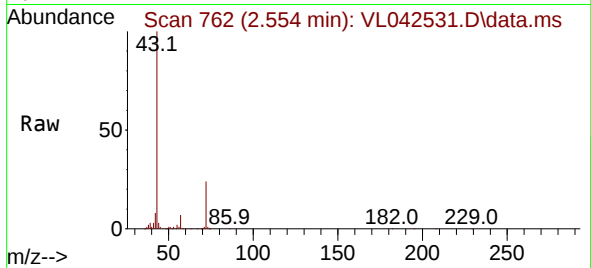
Tgt Ion:114 Resp: 292487
Ion Ratio Lower Upper
114 100
63 25.7 23.1 34.7
88 17.6 16.1 24.1





#34
2-Butanone
Concen: 8.917 ppbv
RT: 2.554 min Scan# 760
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

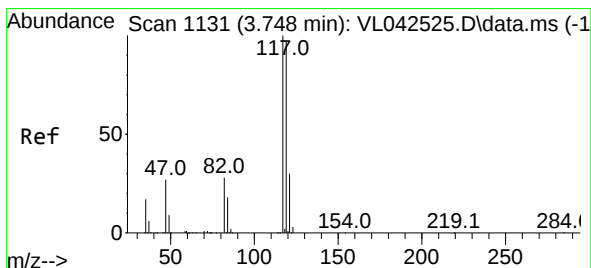
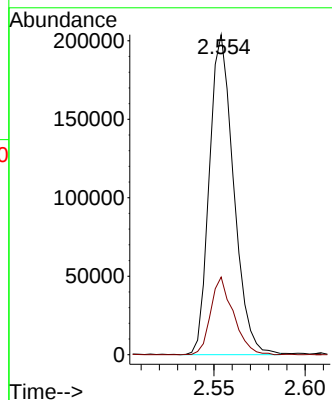
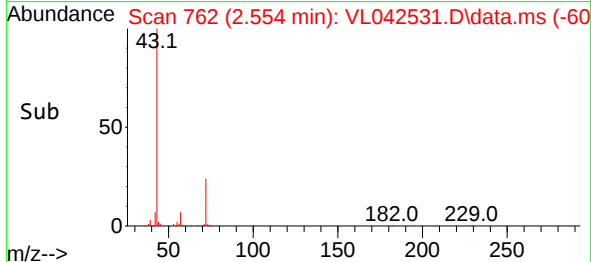
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



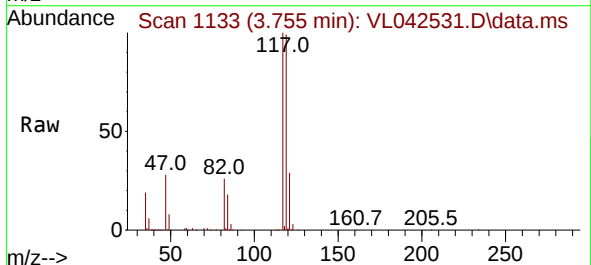
Tgt Ion: 43 Resp: 188648
Ion Ratio Lower Upper
43 100
72 22.7 16.7 25.1

Manual Integrations
APPROVED

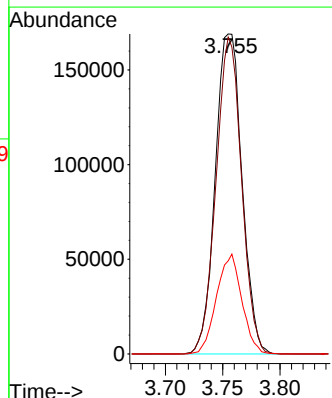
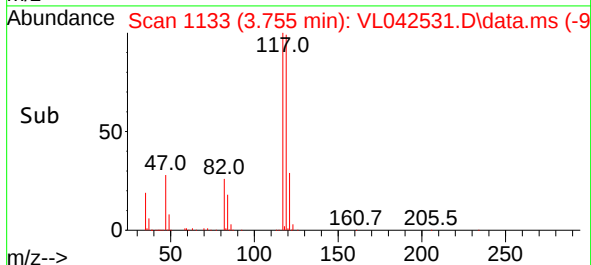
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

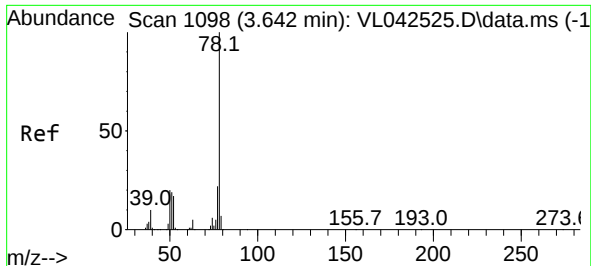


#35
Carbon Tetrachloride
Concen: 10.334 ppbv
RT: 3.755 min Scan# 1133
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



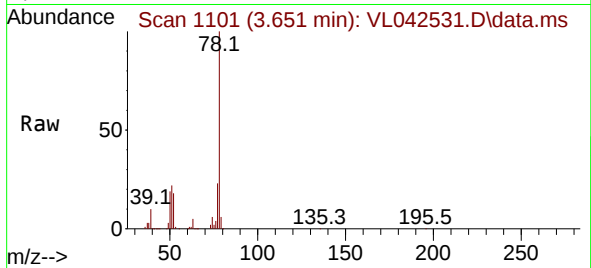
Tgt Ion:117 Resp: 274580
Ion Ratio Lower Upper
117 100
119 99.0 78.1 117.1
121 29.1 23.0 34.6





#36
Benzene
Concen: 9.805 ppbv
RT: 3.651 min Scan# 1101
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

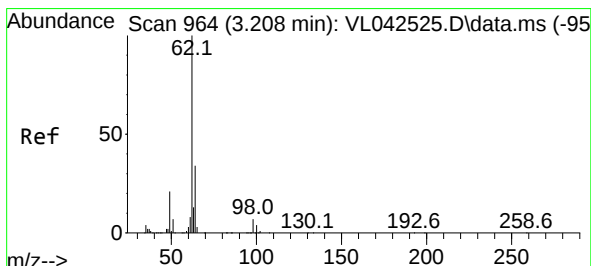
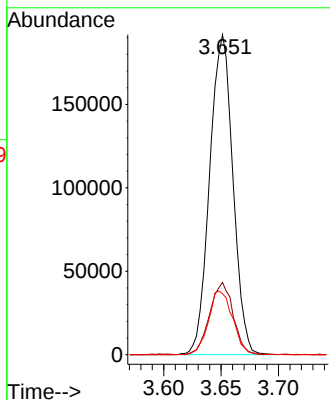
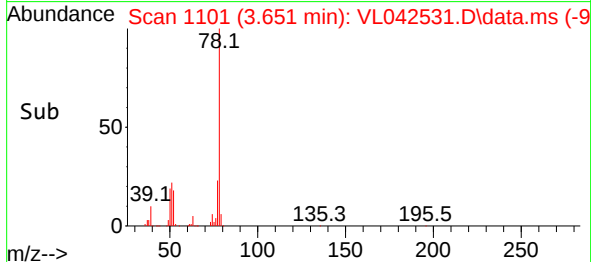
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 78 Resp: 270638
Ion Ratio Lower Upper
78 100
77 22.6 18.9 28.3
50 19.0 18.4 27.6

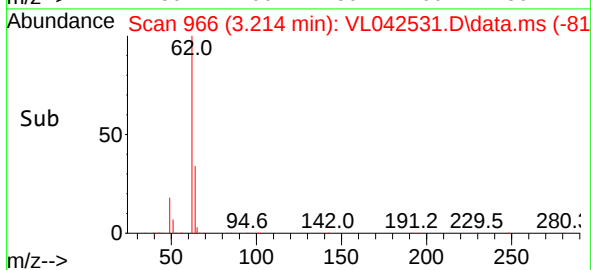
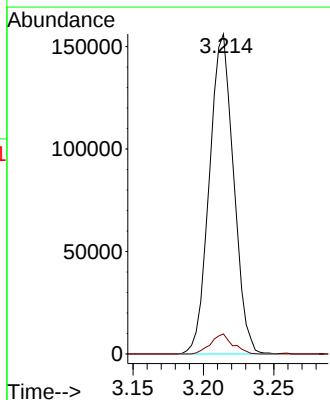
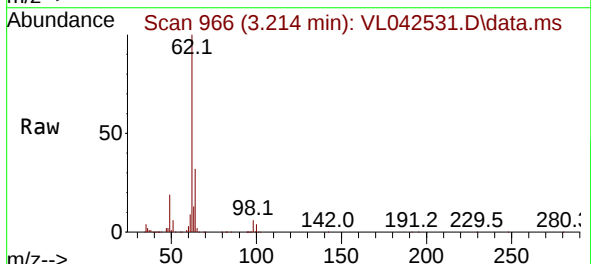
Manual Integrations
APPROVED

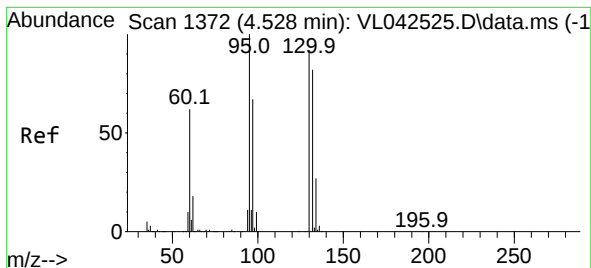
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#37
1,2-Dichloroethane
Concen: 8.794 ppbv
RT: 3.214 min Scan# 966
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 62 Resp: 187065
Ion Ratio Lower Upper
62 100
98 5.7 4.3 6.5





#38

Trichloroethene

Concen: 10.824 ppbv

RT: 4.541 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:130 Resp: 11393

Ion Ratio Lower Upper

130 100

95 113.5 91.0 136.4

132 94.7 74.2 111.4

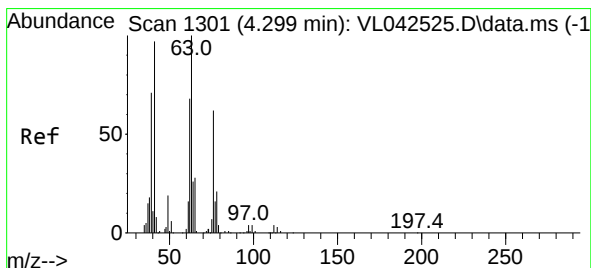
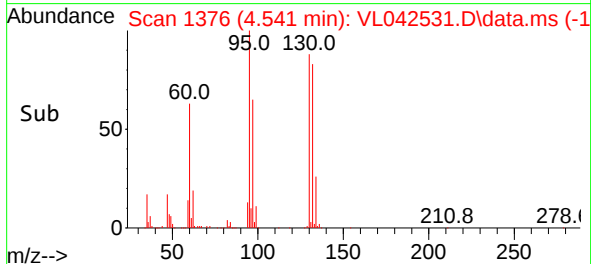
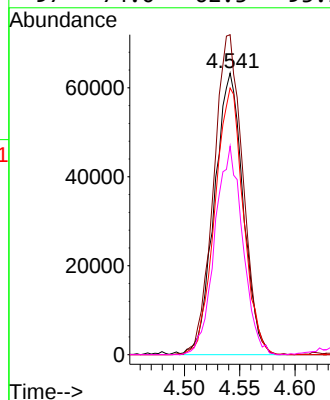
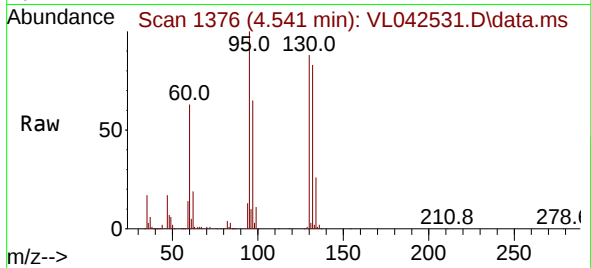
97 74.0 62.3 93.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#39

1,2-Dichloropropane

Concen: 9.319 ppbv

RT: 4.308 min Scan# 1304

Delta R.T. -0.003 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

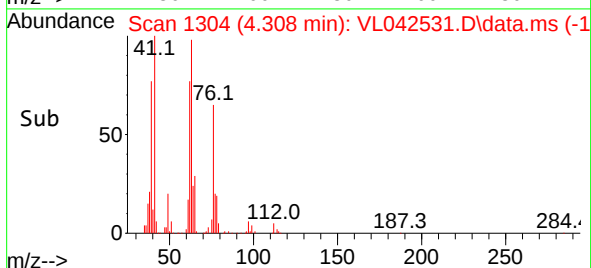
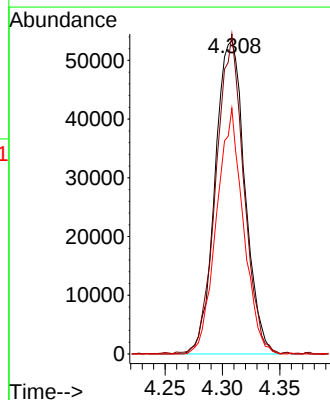
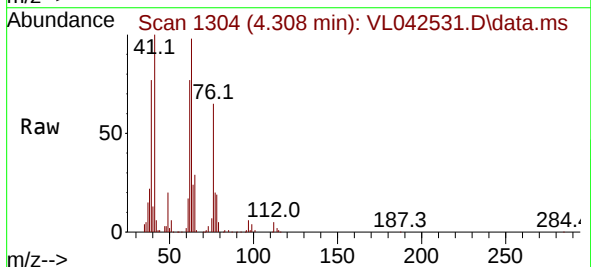
Tgt Ion: 63 Resp: 96289

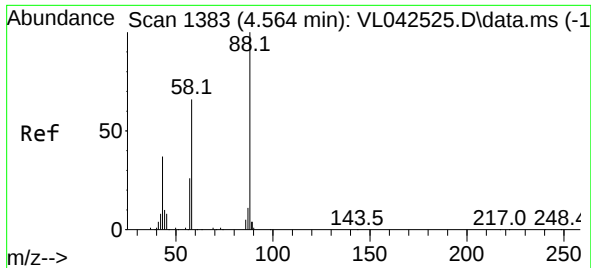
Ion Ratio Lower Upper

63 100

41 101.9 69.8 104.6

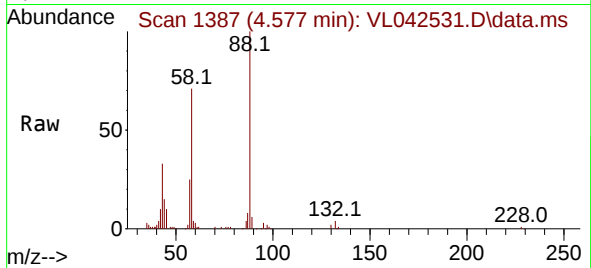
62 78.3 54.3 81.5





#40
1,4-Dioxane
Concen: 7.206 ppbv
RT: 4.577 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

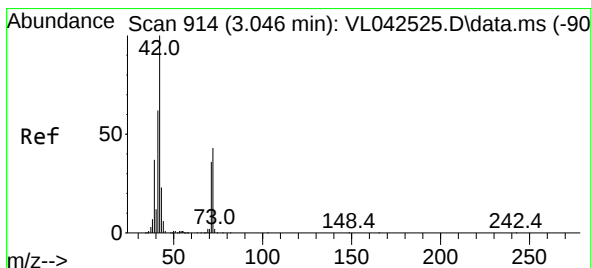
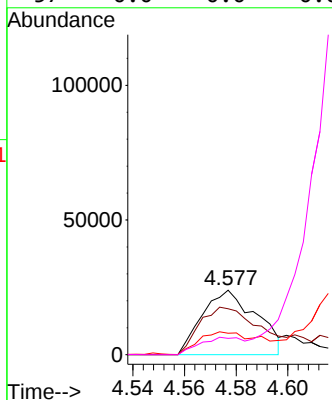
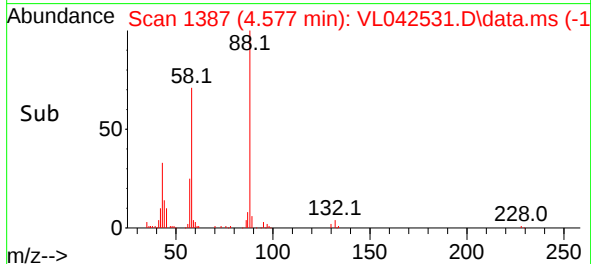
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



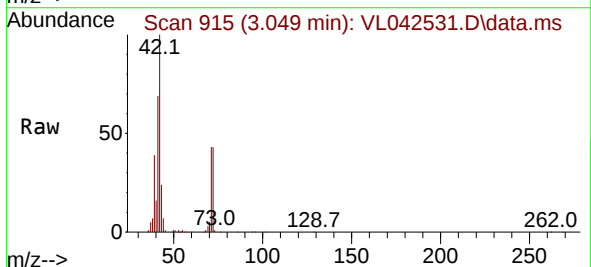
Tgt Ion: 88 Resp: 3486
Ion Ratio Lower Upper
88 100
58 96.8 0.0 0.0
43 39.6 0.0 0.0
57 0.0 0.0 0.0

Manual Integrations
APPROVED

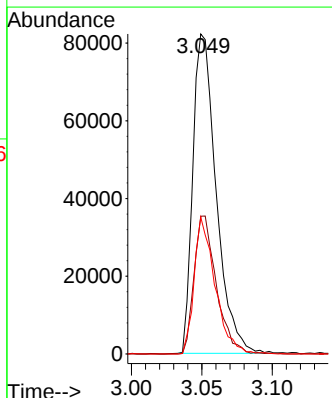
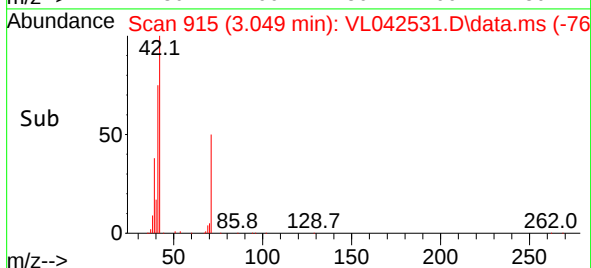
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

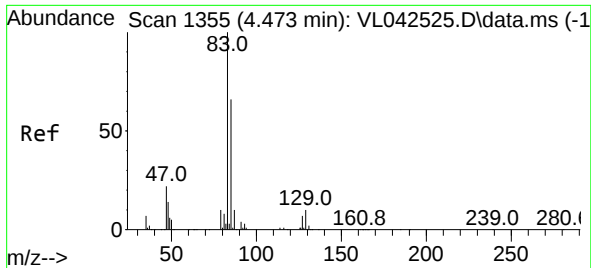


#41
Tetrahydrofuran
Concen: 9.438 ppbv
RT: 3.049 min Scan# 915
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



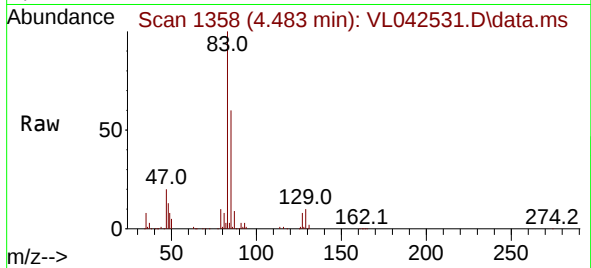
Tgt Ion: 42 Resp: 94890
Ion Ratio Lower Upper
42 100
72 41.4 33.5 50.3
71 38.5 32.6 49.0





#42
Bromodichloromethane
Concen: 9.848 ppbv
RT: 4.483 min Scan# 1355
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

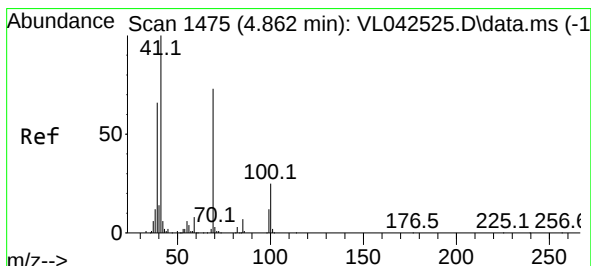
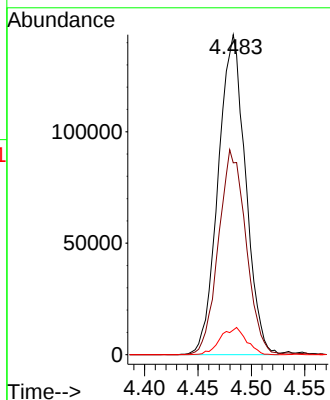
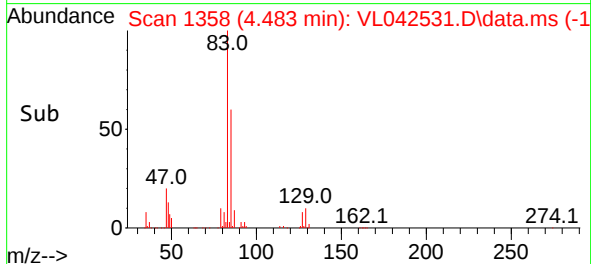
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



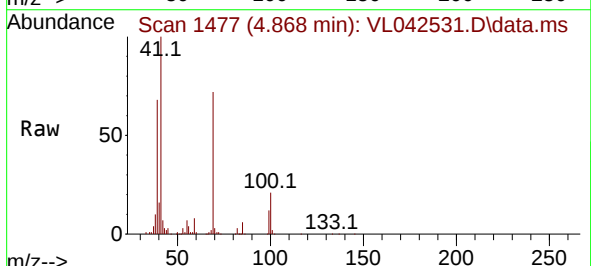
Tgt Ion: 83 Resp: 25597
Ion Ratio Lower Upper
83 100
85 60.0 51.5 77.3
127 7.7 5.4 8.2

Manual Integrations
APPROVED

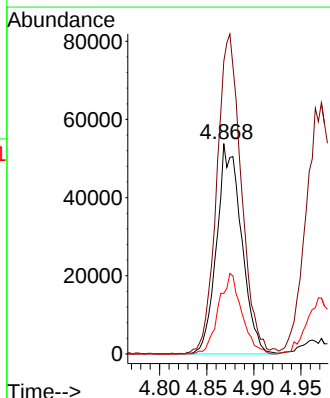
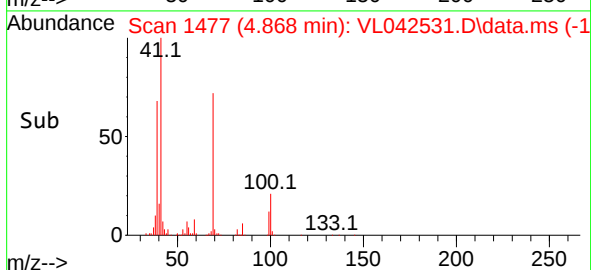
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

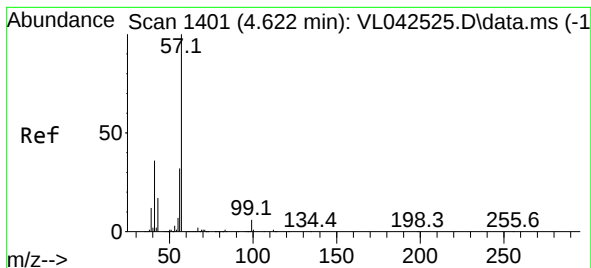


#43
Methyl Methacrylate
Concen: 9.535 ppbv m
RT: 4.868 min Scan# 1477
Delta R.T. -0.013 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion: 69 Resp: 98210
Ion Ratio Lower Upper
69 100
41 150.7 120.8 181.2
100 35.8 26.7 40.1





#44

2,2,4-Trimethylpentane

Concen: 10.377 ppbv

RT: 4.632 min Scan# 1401

Delta R.T. -0.003 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

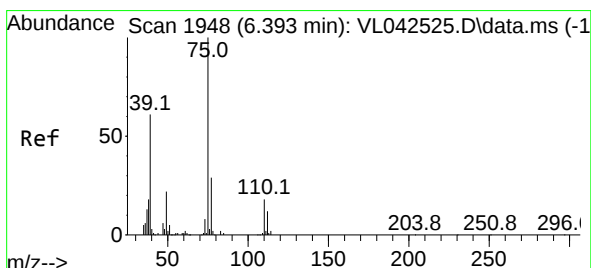
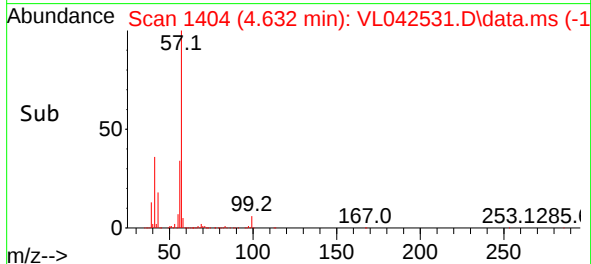
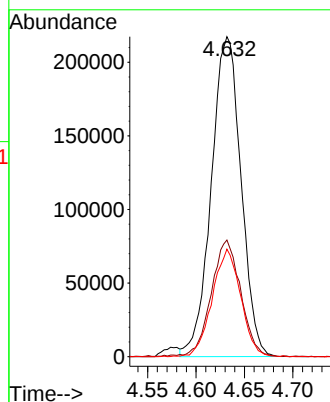
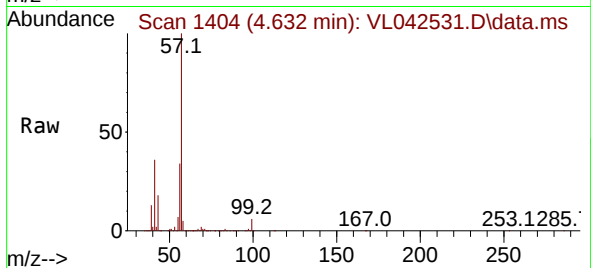
Tgt Ion: 57 Resp: 46427

Ion	Ratio	Lower	Upper
57	100		
41	36.5	30.6	45.8
56	32.3	25.0	37.6

Manual Integrations

APPROVED

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



#45

t-1,3-Dichloropropene

Concen: 8.816 ppbv

RT: 6.409 min Scan# 1953

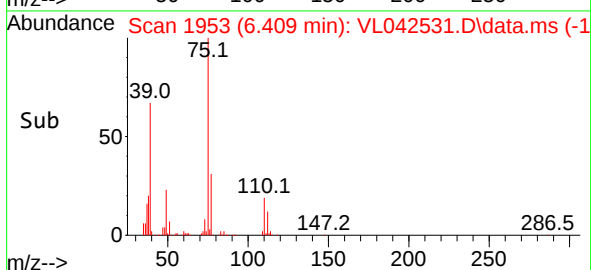
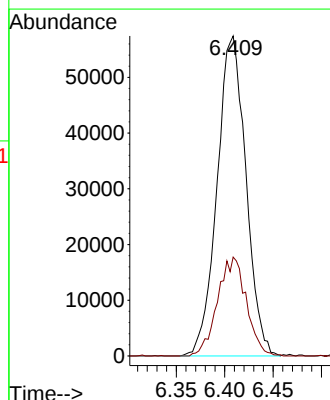
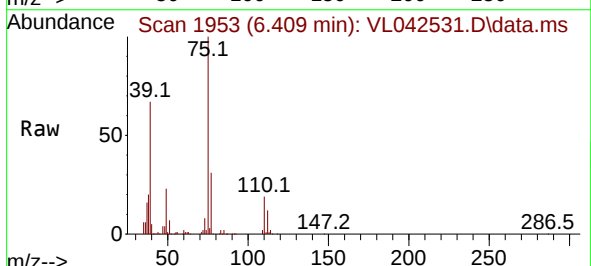
Delta R.T. -0.003 min

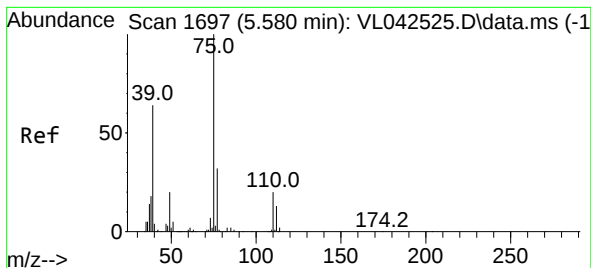
Lab File: VL042531.D

Acq: 12 May 2025 12:22

Tgt Ion: 75 Resp: 119133

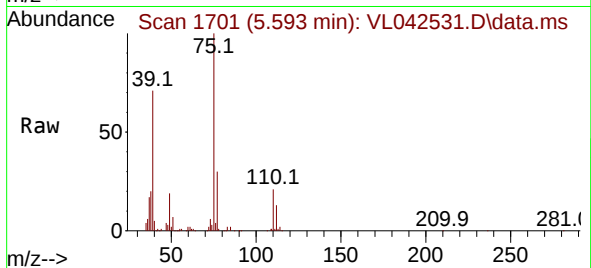
Ion	Ratio	Lower	Upper
75	100		
77	30.9	26.3	39.5





#46
 cis-1,3-Dichloropropene
 Concen: 9.302 ppbv
 RT: 5.593 min Scan# 1701
 Delta R.T. -0.006 min
 Lab File: VL042531.D
 Acq: 12 May 2025 12:22

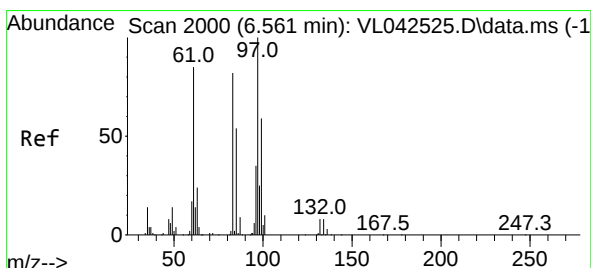
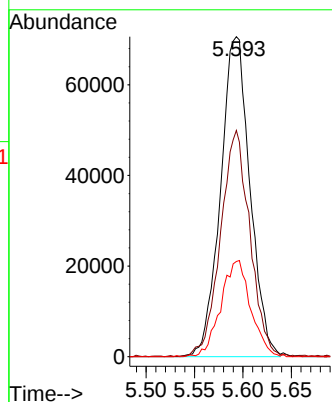
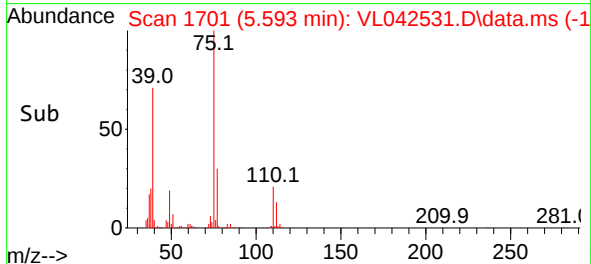
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 75 Resp: 149394
 Ion Ratio Lower Upper
 75 100
 39 70.5 55.7 83.5
 77 29.7 25.8 38.8

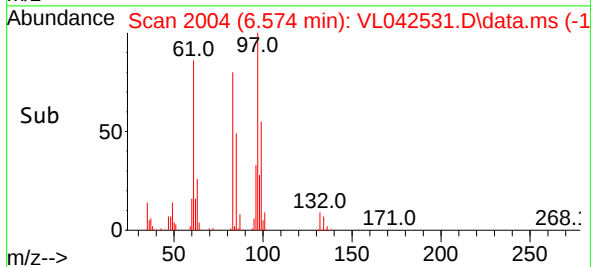
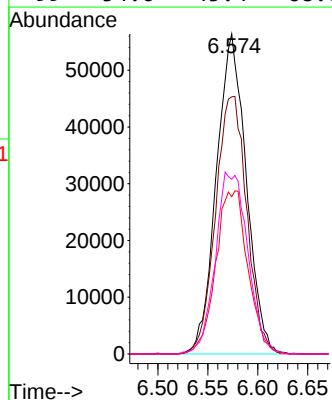
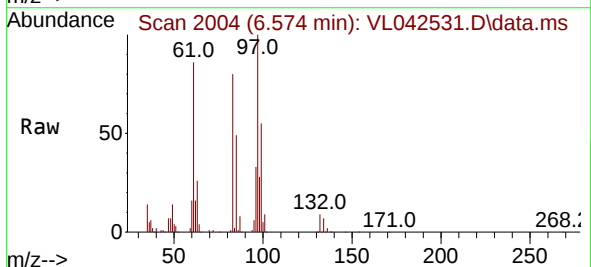
Manual Integrations
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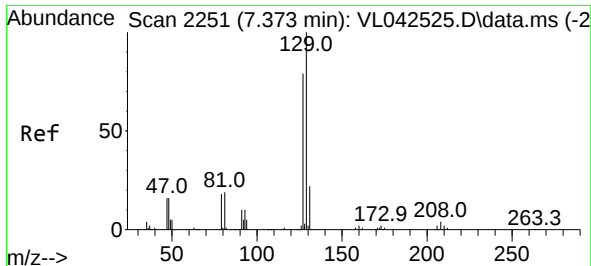
Reviewed By :Semsettin Yesilyurt 05/14/2025
 Supervised By :Mahesh Dadoda 05/14/2025



#47
 1,1,2-Trichloroethane
 Concen: 10.314 ppbv
 RT: 6.574 min Scan# 2004
 Delta R.T. -0.006 min
 Lab File: VL042531.D
 Acq: 12 May 2025 12:22

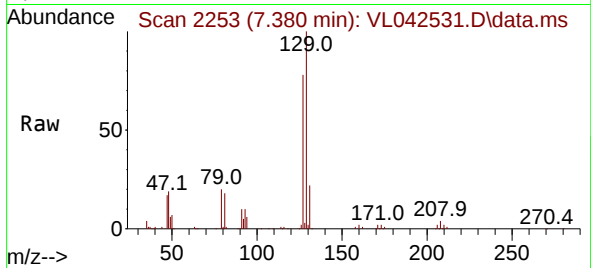
Tgt Ion: 97 Resp: 116890
 Ion Ratio Lower Upper
 97 100
 83 80.1 62.2 93.2
 85 49.0 41.5 62.3
 99 54.6 45.4 68.0





#48
Dibromochloromethane
Concen: 10.752 ppbv
RT: 7.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

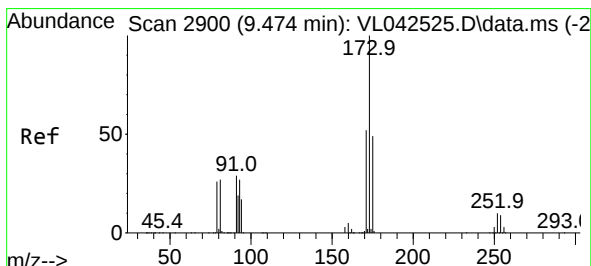
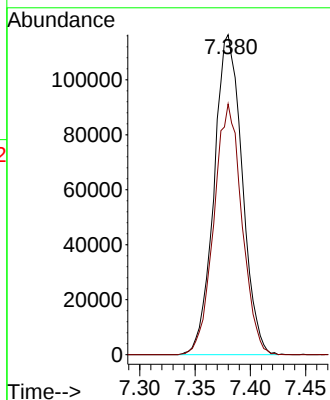
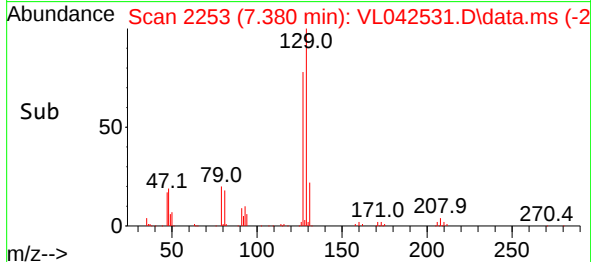
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



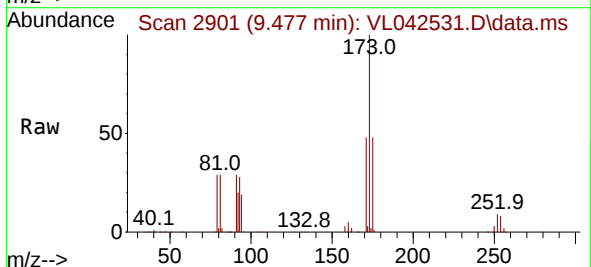
Tgt Ion:129 Resp: 20569
Ion Ratio Lower Upper
129 100
127 77.9 39.5 118.5

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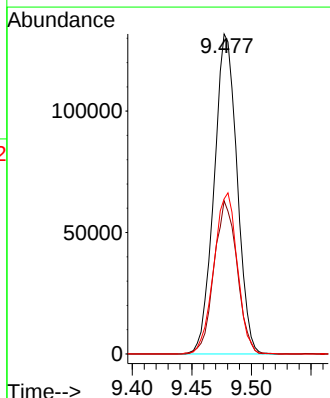
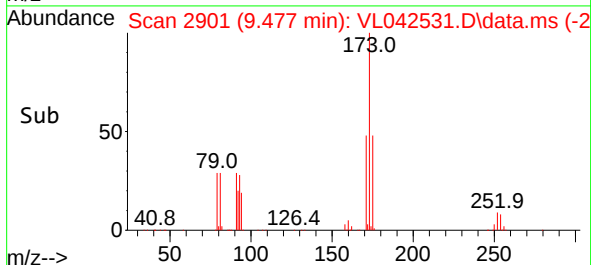
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

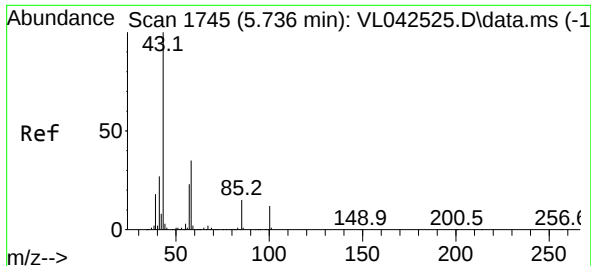


#49
Bromoform
Concen: 11.005 ppbv
RT: 9.477 min Scan# 2901
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



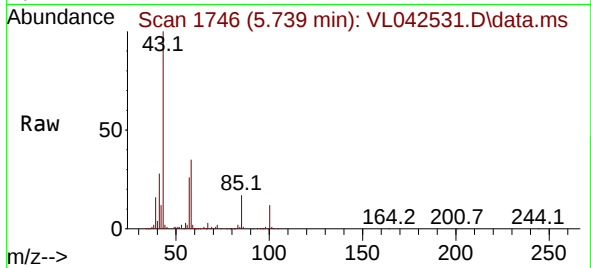
Tgt Ion:173 Resp: 176571
Ion Ratio Lower Upper
173 100
175 48.1 38.9 58.3
171 51.4 40.6 60.8





#50
4-Methyl-2-Pentanone
Concen: 9.740 ppbv
RT: 5.739 min Scan# 1746
Delta R.T. -0.010 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

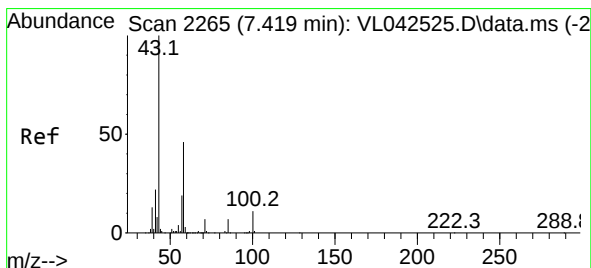
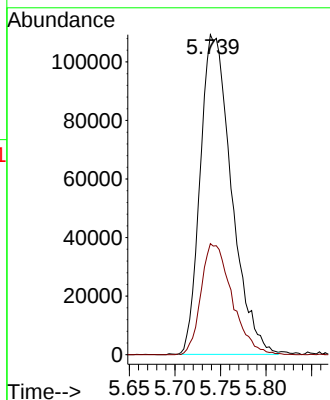
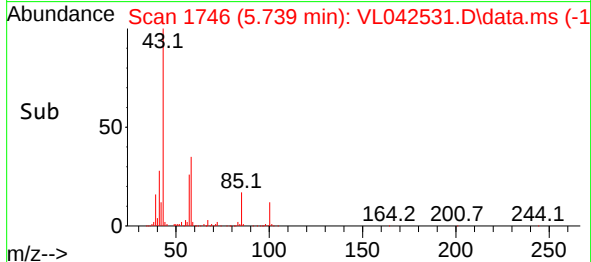
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



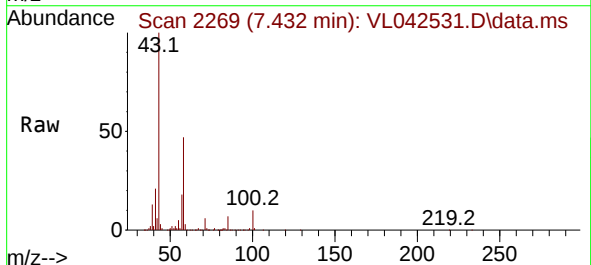
Tgt Ion: 43 Resp: 260658
Ion Ratio Lower Upper
43 100
58 34.4 29.5 44.3

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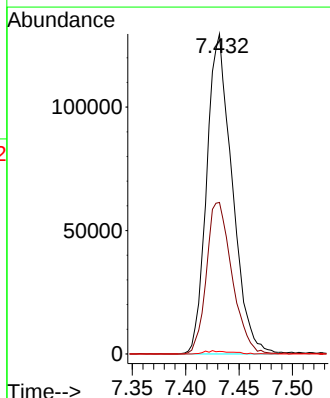
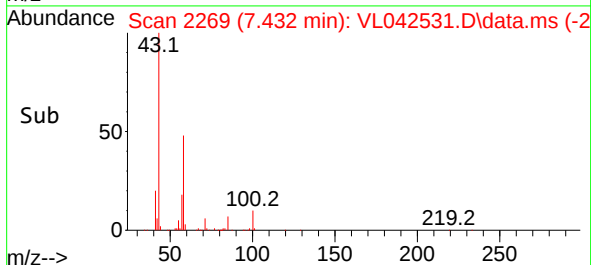
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

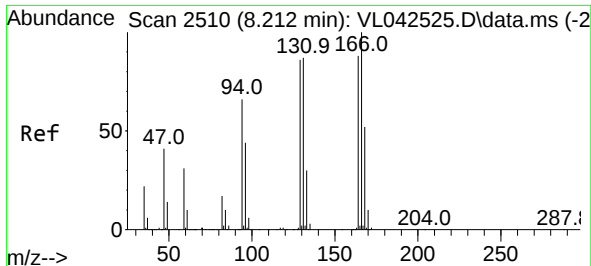


#51
2-Hexanone
Concen: 10.021 ppbv
RT: 7.432 min Scan# 2269
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



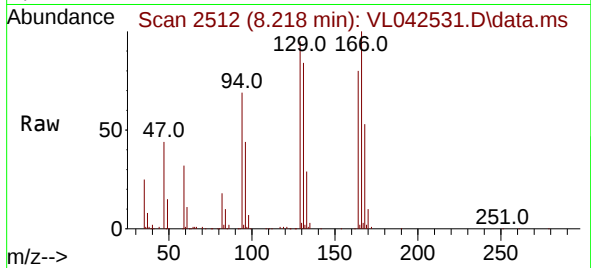
Tgt Ion: 43 Resp: 214393
Ion Ratio Lower Upper
43 100
58 47.8 37.2 55.8
98 1.0 0.4 0.6





#52
Tetrachloroethene
Concen: 9.373 ppbv
RT: 8.218 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

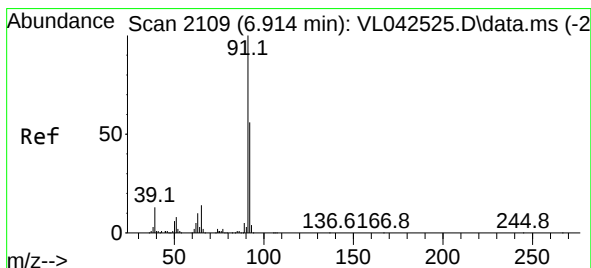
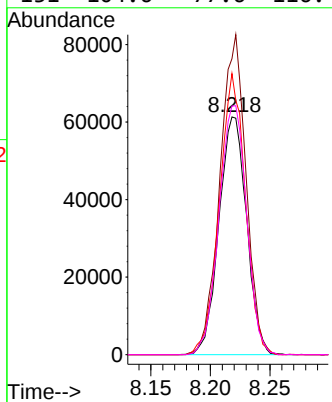
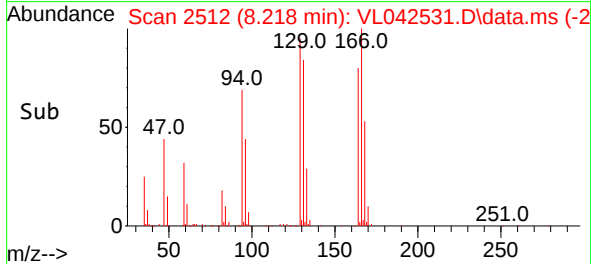
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.4	91.6	137.4
129	118.2	79.0	118.4
131	104.6	77.6	116.4

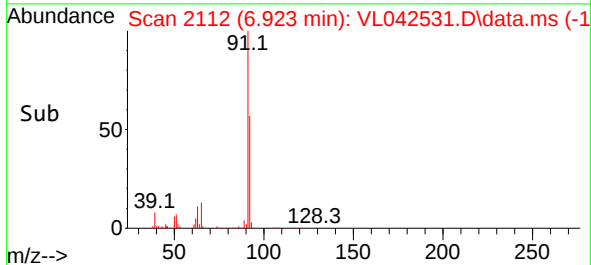
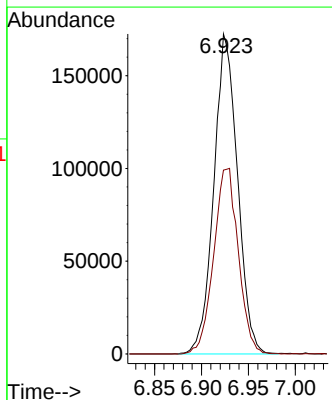
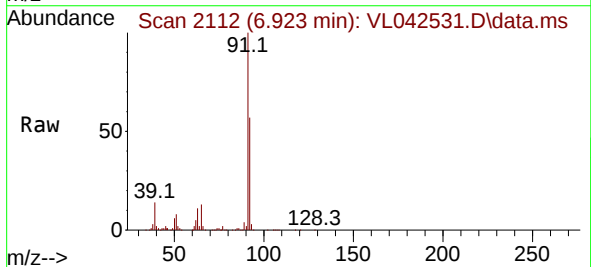
Manual Integrations
APPROVED

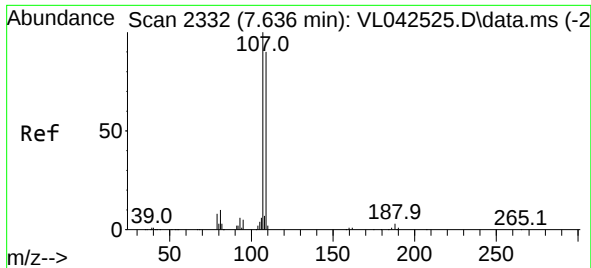
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#53
Toluene
Concen: 10.347 ppbv
RT: 6.923 min Scan# 2112
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.4	47.9	71.9





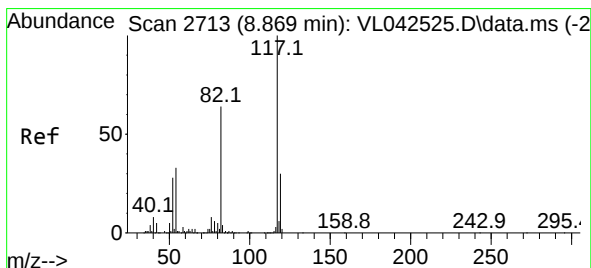
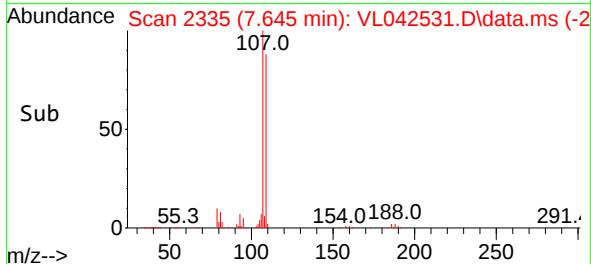
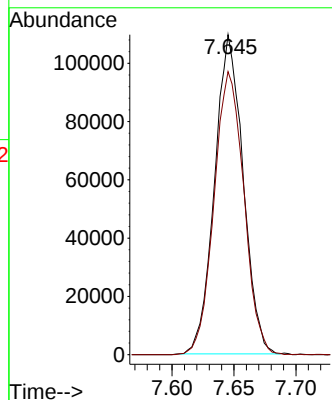
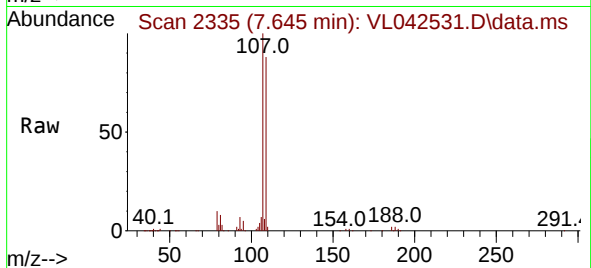
#54
1,2-Dibromoethane
Concen: 10.112 ppbv
RT: 7.645 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:107 Resp: 175190
Ion Ratio Lower Upper
107 100
109 88.4 76.0 114.0

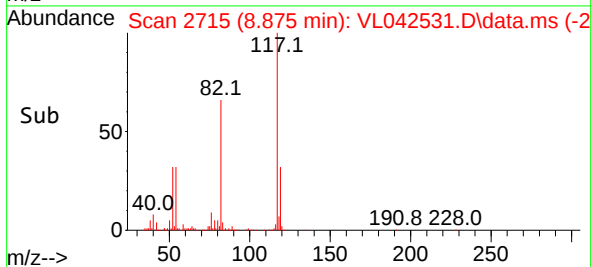
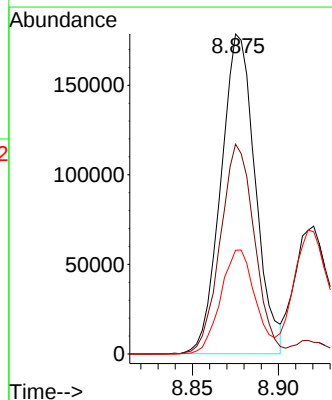
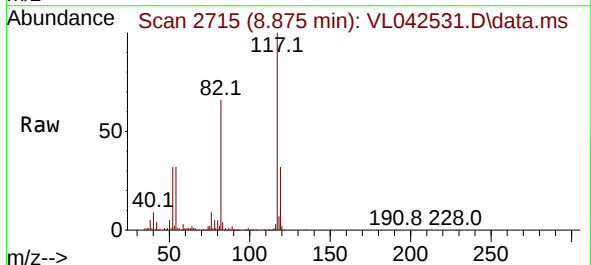
Manual Integrations
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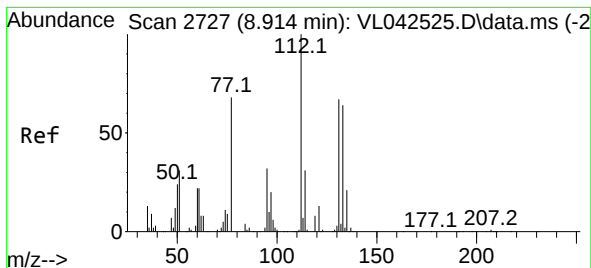
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

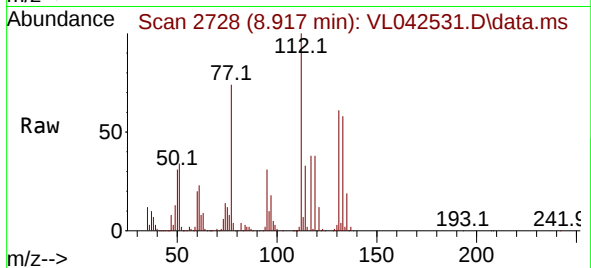
Tgt Ion:117 Resp: 247730
Ion Ratio Lower Upper
117 100
82 69.4 63.5 95.3
119 32.9 25.8 38.8





#56
1,1,1,2-Tetrachloroethane
Concen: 11.176 ppbv
RT: 8.917 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

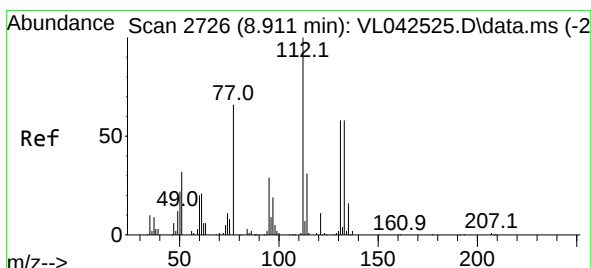
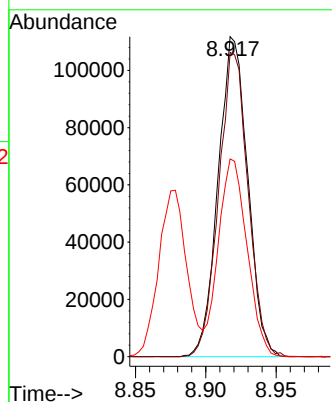
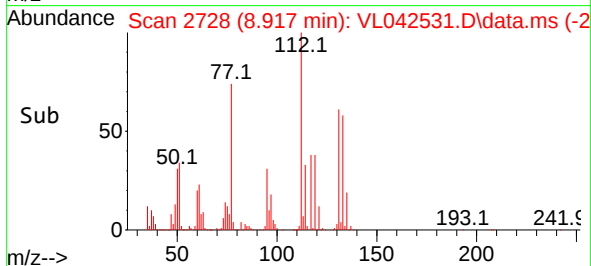
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



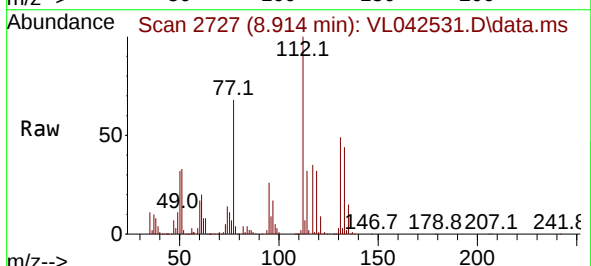
Tgt Ion:131 Resp: 16352
Ion Ratio Lower Upper
131 100
133 94.5 76.0 114.0
119 61.0 46.1 69.1

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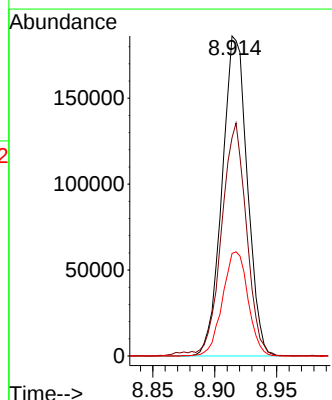
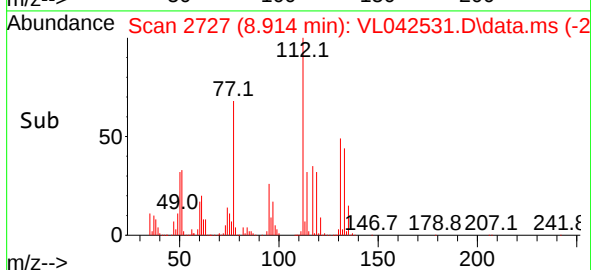
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

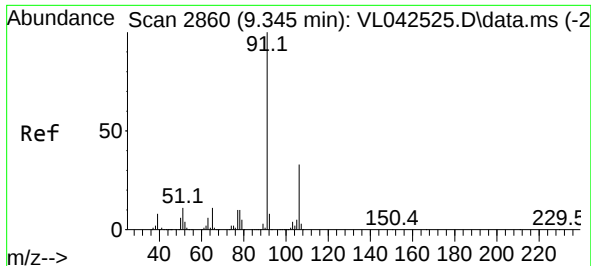


#57
Chlorobenzene
Concen: 10.632 ppbv
RT: 8.914 min Scan# 2727
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion:112 Resp: 264651
Ion Ratio Lower Upper
112 100
77 68.0 65.0 97.4
114 32.1 27.5 33.7





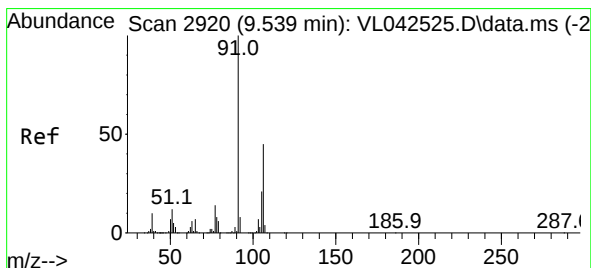
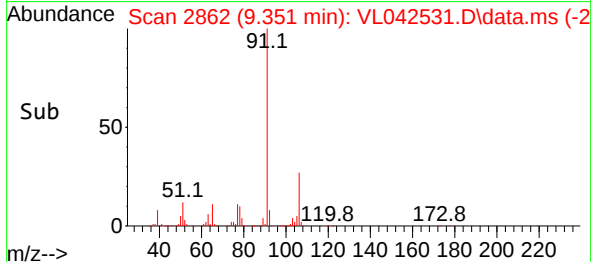
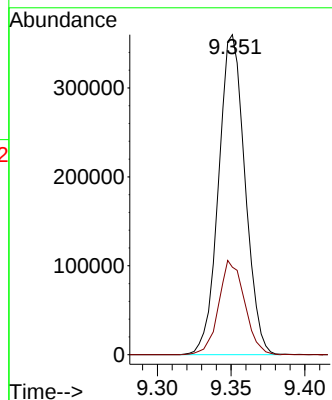
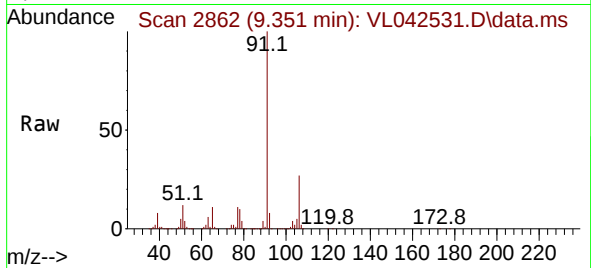
#58
Ethyl Benzene
Concen: 10.835 ppbv
RT: 9.351 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 448540
Ion Ratio Lower Upper
91 100
106 27.4 21.9 32.9

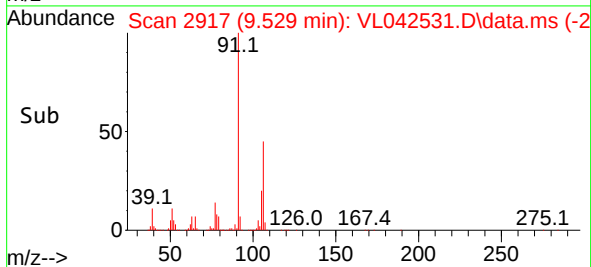
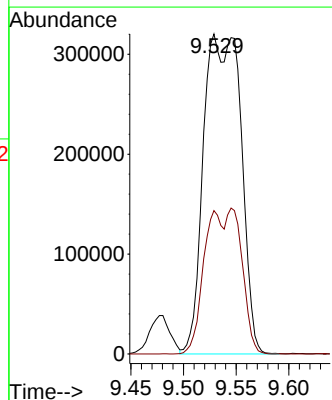
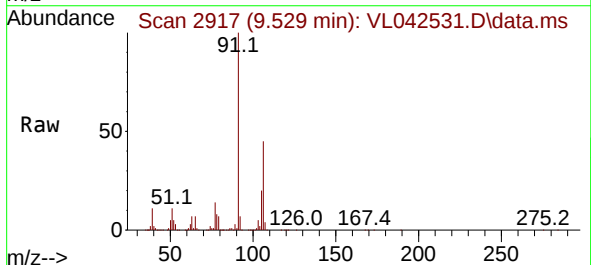
Manual Integrations
APPROVED

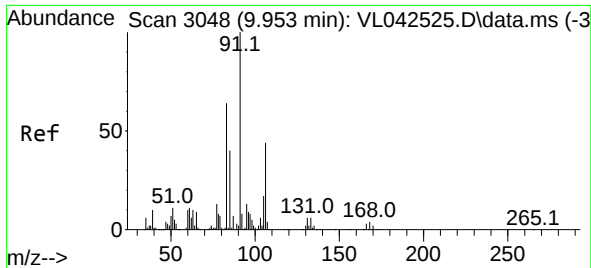
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#59
m/p-Xylene
Concen: 22.811 ppbv m
RT: 9.529 min Scan# 2917
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion: 91 Resp: 791713
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.2#





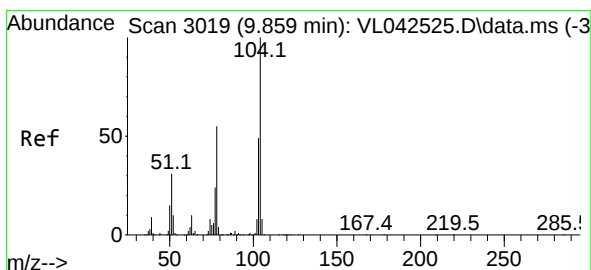
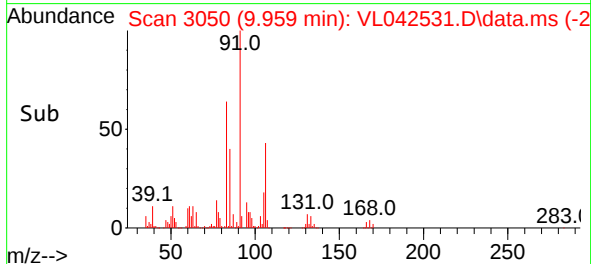
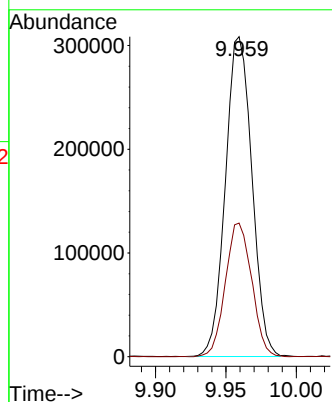
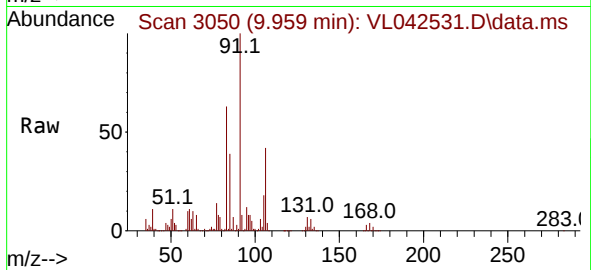
#60
o-Xylene
Concen: 11.627 ppbv
RT: 9.959 min Scan# 3048
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 404034
Ion Ratio Lower Upper
91 100
106 41.4 20.1 60.2

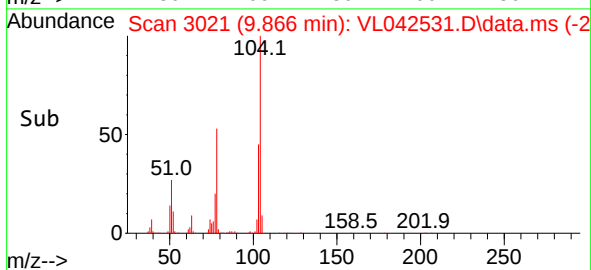
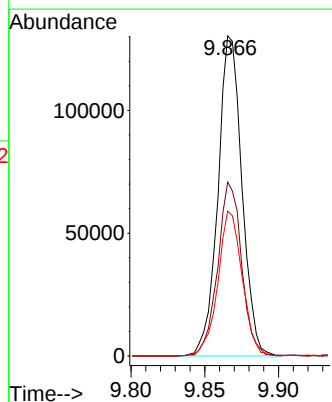
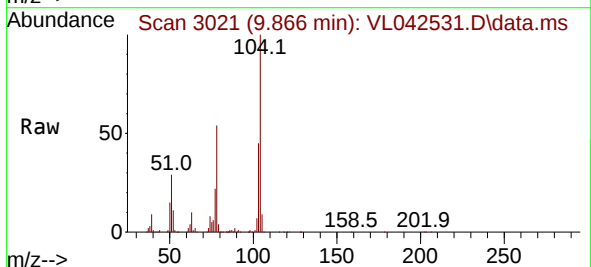
Manual Integrations
APPROVED

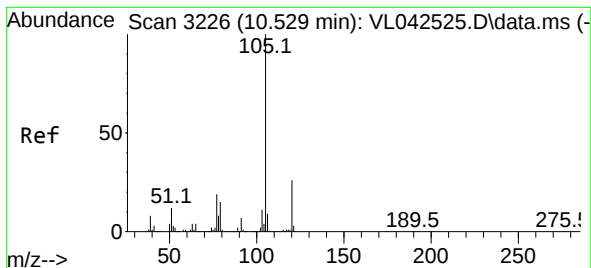
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#61
Styrene
Concen: 11.387 ppbv
RT: 9.866 min Scan# 3021
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

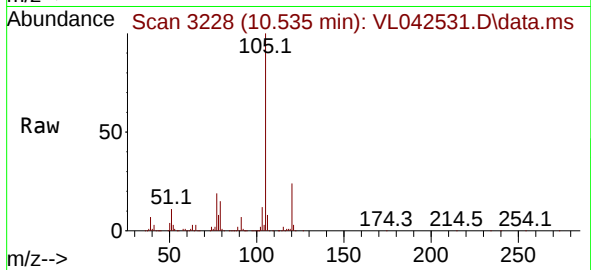
Tgt Ion:104 Resp: 147664
Ion Ratio Lower Upper
104 100
78 54.0 46.9 70.3
103 45.9 36.6 55.0





#62
Isopropylbenzene
Concen: 11.570 ppbv
RT: 10.535 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

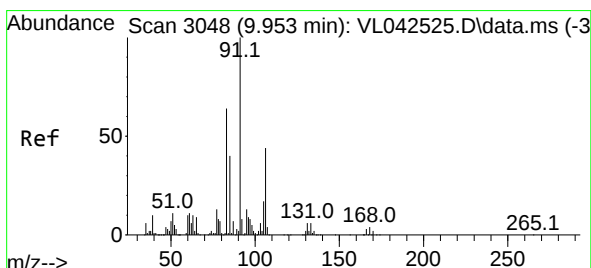
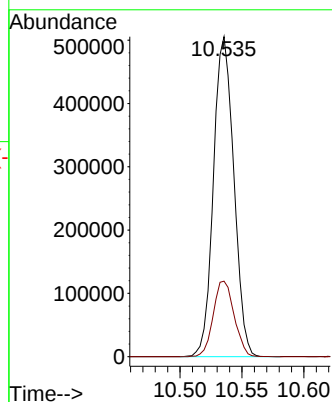
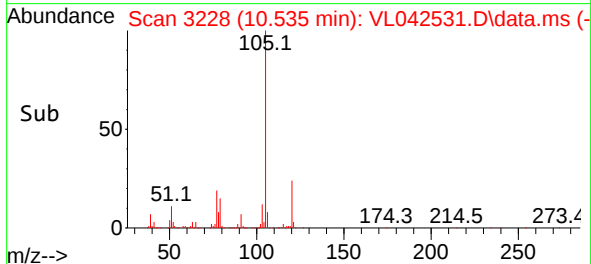
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



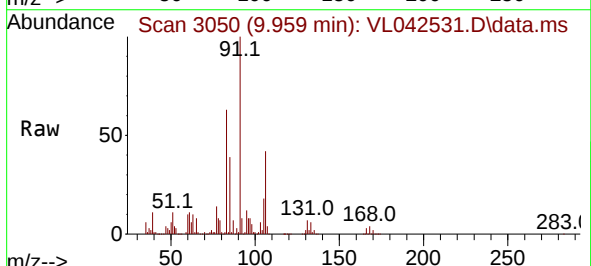
Tgt Ion:105 Resp: 579929
Ion Ratio Lower Upper
105 100
120 24.2 18.8 28.2

Manual Integrations
APPROVED

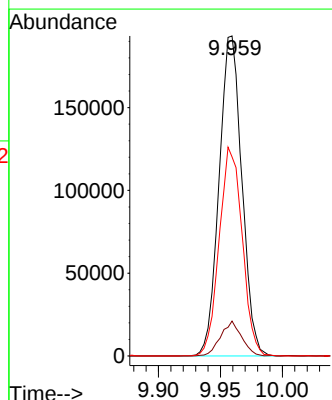
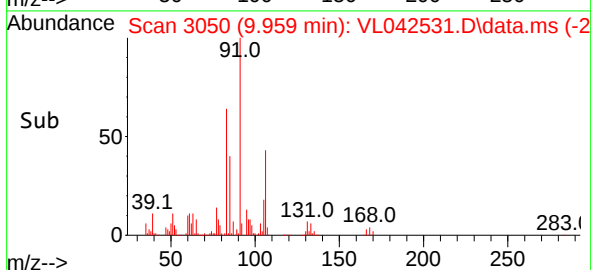
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

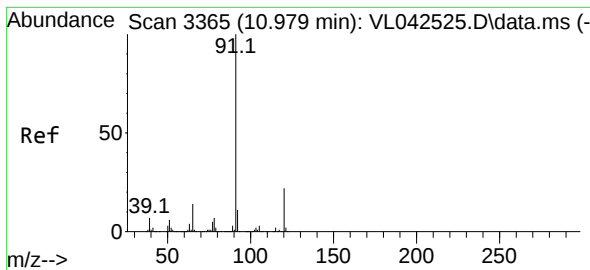


#63
1,1,2,2-Tetrachloroethane
Concen: 10.343 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion: 83 Resp: 247803
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 66.0 32.5 97.4





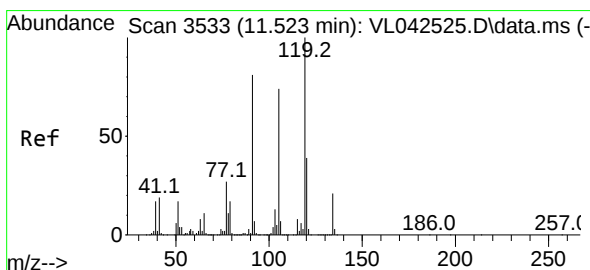
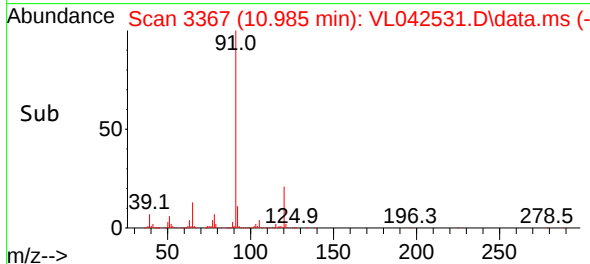
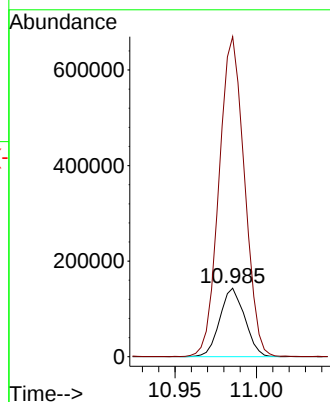
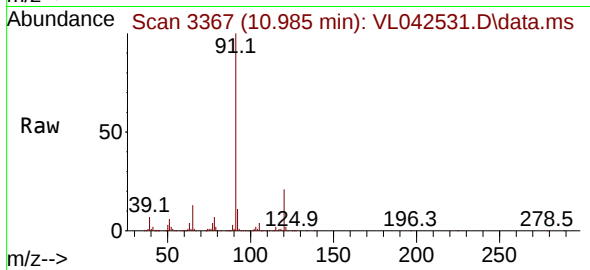
#64
n-propylbenzene
Concen: 12.413 ppbv
RT: 10.985 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:120 Resp: 152062
Ion Ratio Lower Upper
120 100
91 479.1 408.6 612.8

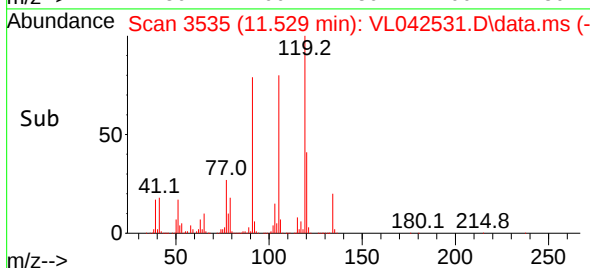
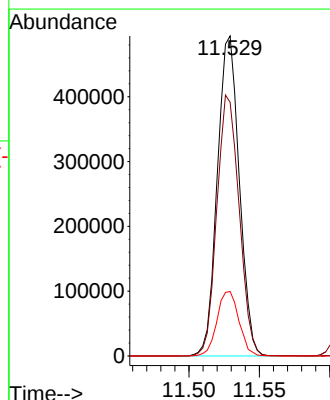
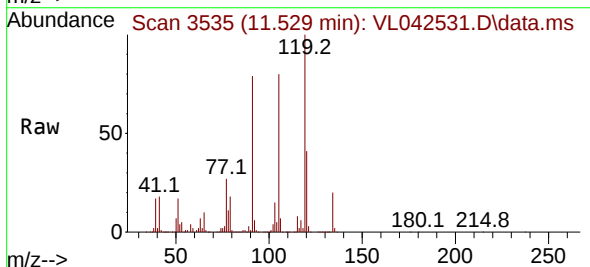
Manual Integrations
APPROVED

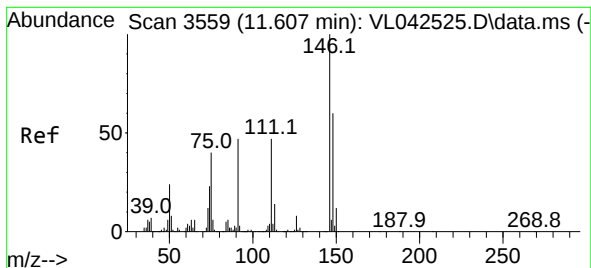
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#65
tert-Butylbenzene
Concen: 11.985 ppbv
RT: 11.529 min Scan# 3535
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

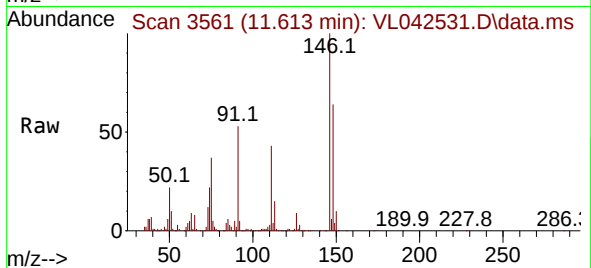
Tgt Ion:119 Resp: 536105
Ion Ratio Lower Upper
119 100
91 82.8 71.6 107.4
134 20.1 15.0 22.4





#66
Benzyl Chloride
Concen: 12.147 ppbv
RT: 11.613 min Scan# 3559
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

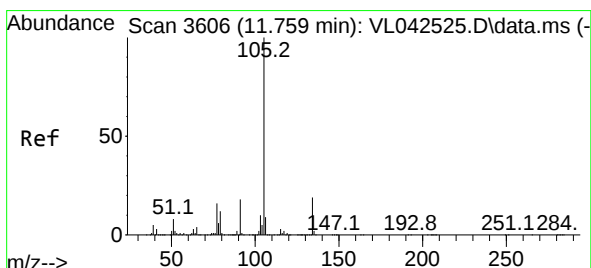
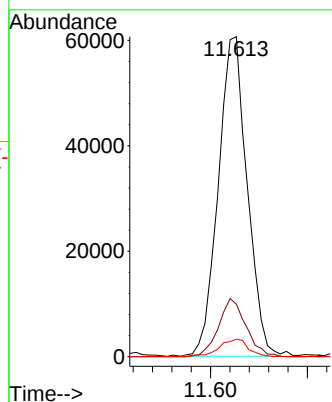
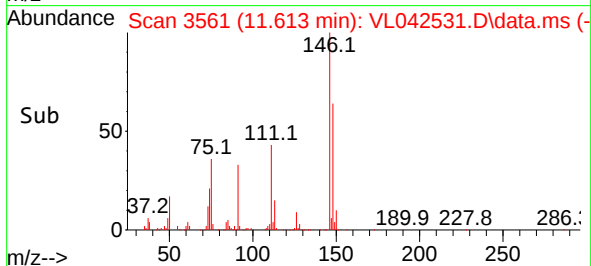
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



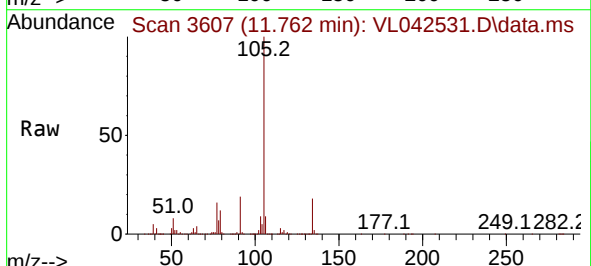
Tgt Ion: 91 Resp: 62799
Ion Ratio Lower Upper
91 100
126 17.3 13.3 19.9
128 5.5 4.2 6.4

Manual Integrations
APPROVED

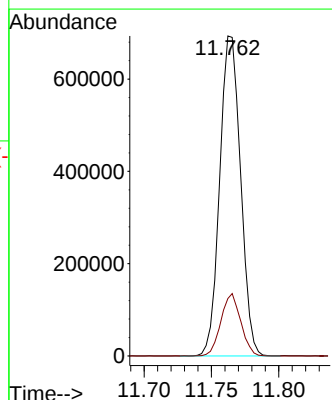
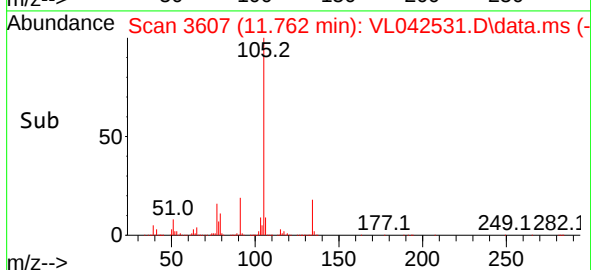
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

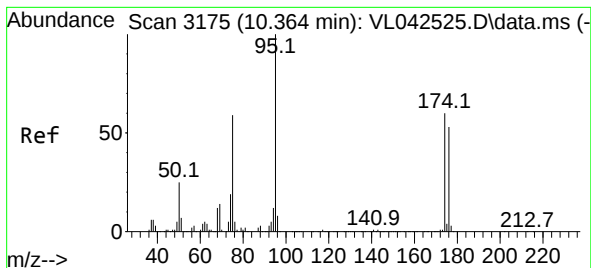


#67
sec-Butylbenzene
Concen: 11.747 ppbv
RT: 11.762 min Scan# 3607
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



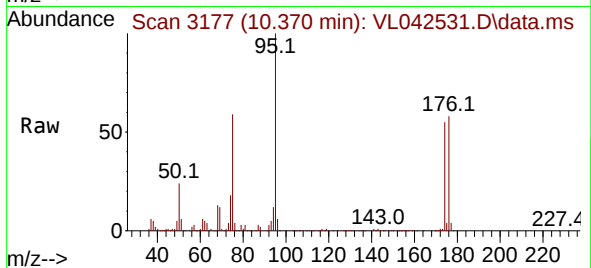
Tgt Ion:105 Resp: 746714
Ion Ratio Lower Upper
105 100
134 18.6 14.1 21.1





#68
1-Bromo-4-Fluorobenzene
Concen: 10.175 ppbv
RT: 10.370 min Scan# 3175
Delta R.T. -0.006 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

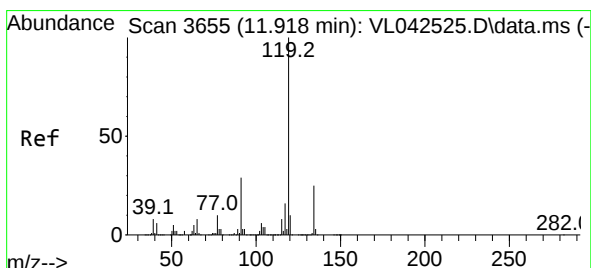
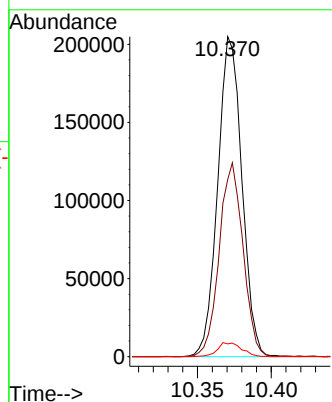
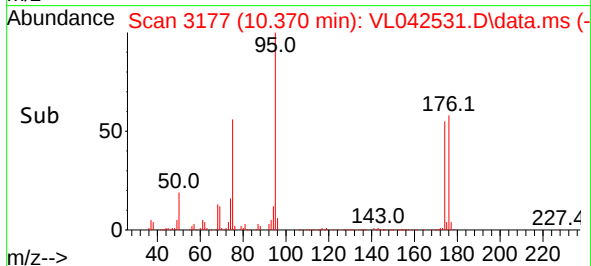
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



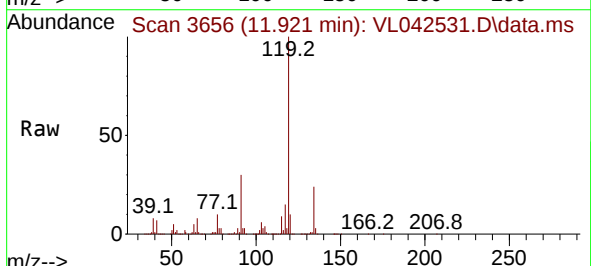
Tgt Ion: 95 Resp: 233689
Ion Ratio Lower Upper
95 100
174 59.9 42.7 64.1
175 4.4 3.6 5.4

Manual Integrations
APPROVED

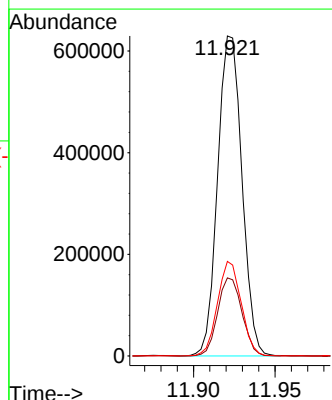
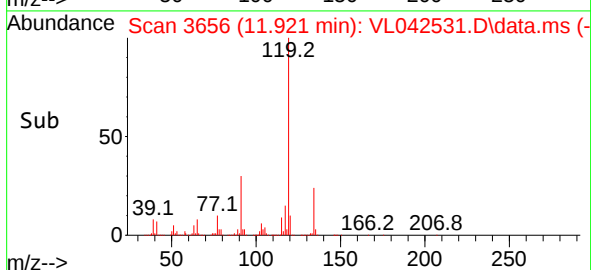
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

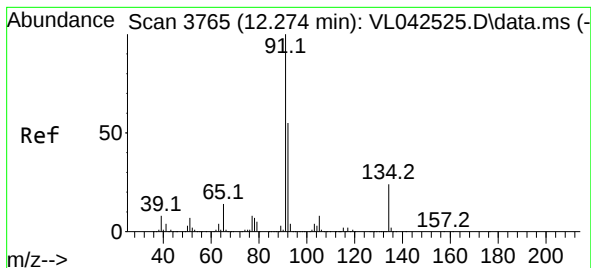


#69
p-Isopropyltoluene
Concen: 12.201 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion:119 Resp: 653440
Ion Ratio Lower Upper
119 100
134 24.4 19.0 28.4
91 29.0 25.5 38.3





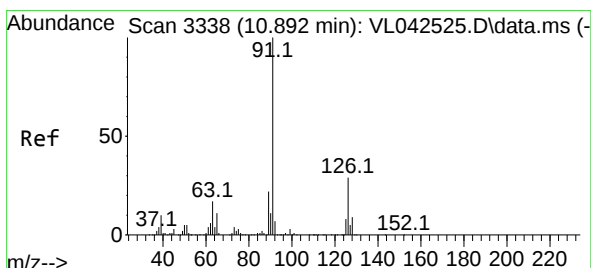
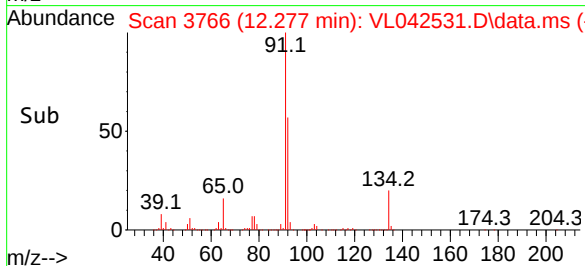
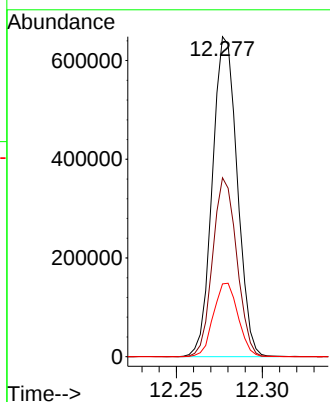
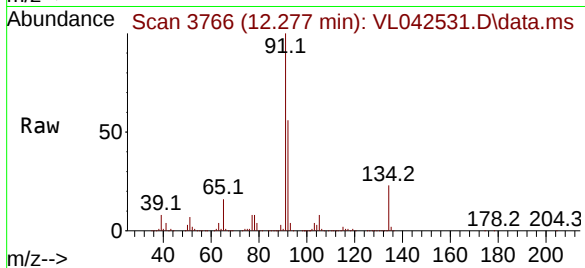
#70
n-Butylbenzene
Concen: 11.754 ppbv
RT: 12.277 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 650779
Ion Ratio Lower Upper
91 100
92 54.4 44.0 66.0
134 22.8 16.8 25.2

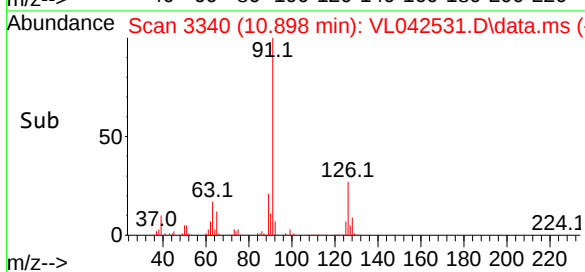
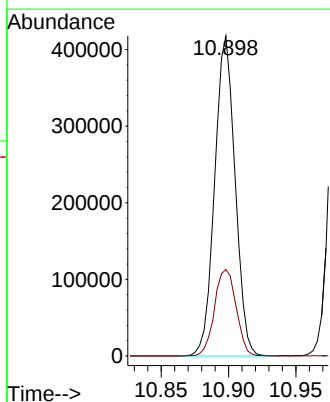
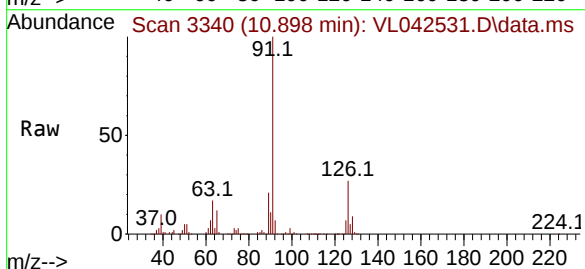
Manual Integrations
APPROVED

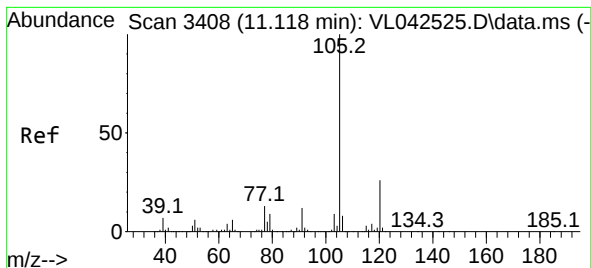
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#71
2-Chlorotoluene
Concen: 11.200 ppbv
RT: 10.898 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

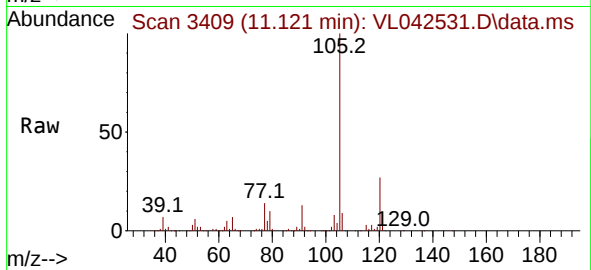
Tgt Ion: 91 Resp: 440320
Ion Ratio Lower Upper
91 100
126 28.6 10.6 42.2





#72
4-Ethyltoluene
Concen: 12.371 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

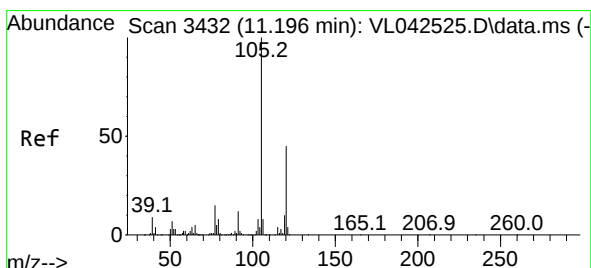
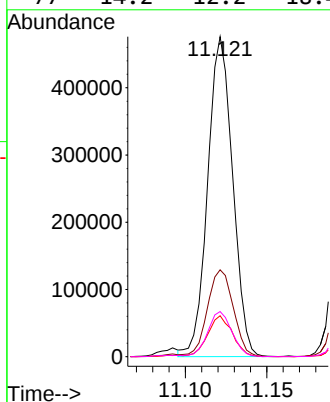
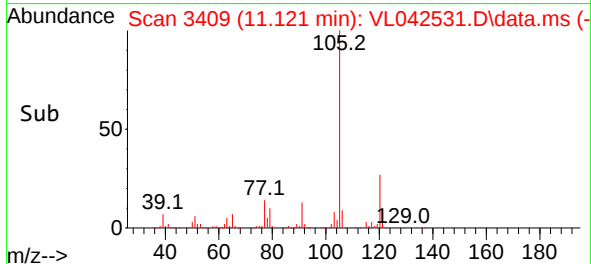
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:105 Resp: 506844
Ion Ratio Lower Upper
105 100
120 28.7 22.0 33.0
91 13.2 11.2 16.8
77 14.2 12.2 18.4

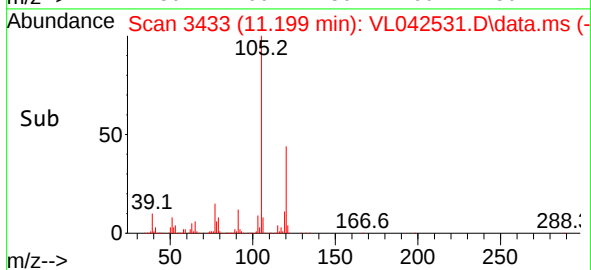
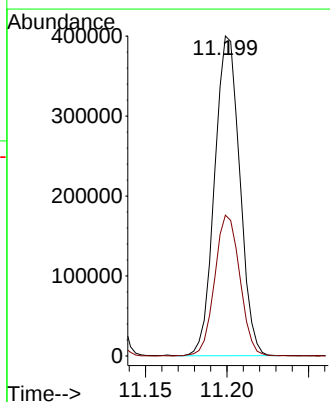
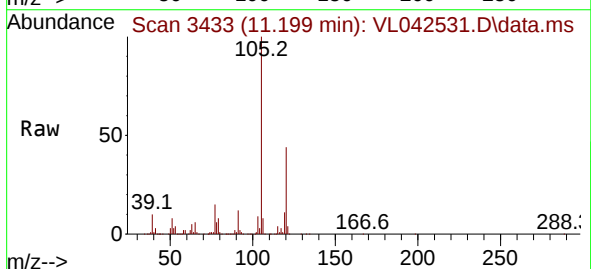
Manual Integrations
APPROVED

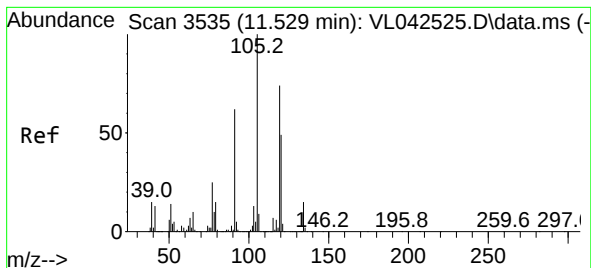
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025



#73
1,3,5-Trimethylbenzene
Concen: 11.882 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion:105 Resp: 428169
Ion Ratio Lower Upper
105 100
120 43.9 34.4 51.6





#74

1,2,4-Trimethylbenzene

Concen: 11.210 ppbv

RT: 11.532 min Scan# 3536

Delta R.T. -0.003 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

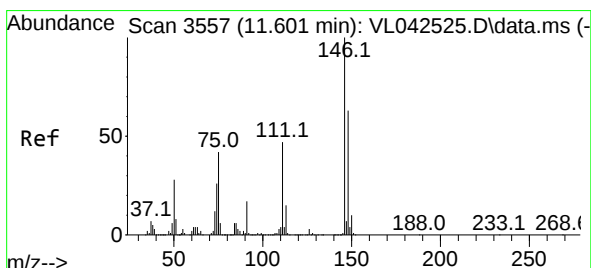
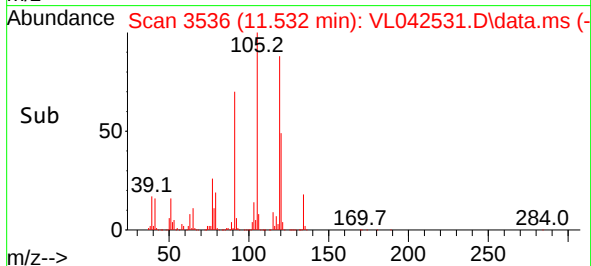
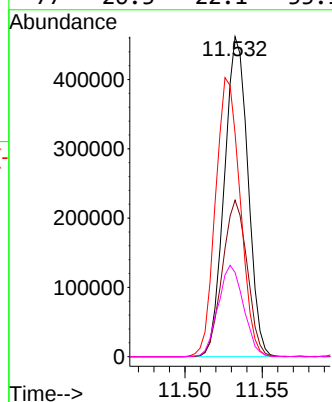
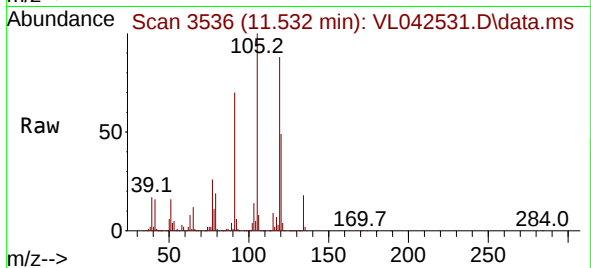
Tgt Ion:105 Resp: 488710

Ion	Ratio	Lower	Upper
105	100		
120	48.9	36.1	54.1
91	69.8	57.6	86.4
77	26.3	22.1	33.1

Manual Integrations

APPROVED

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



#75

1,3-Dichlorobenzene

Concen: 11.839 ppbv

RT: 11.604 min Scan# 3558

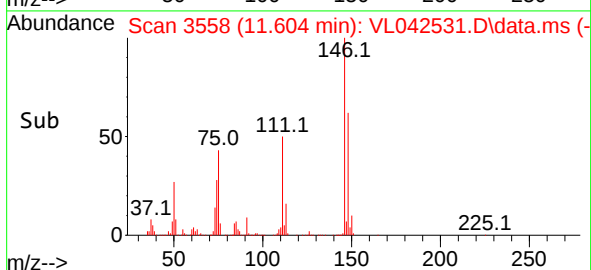
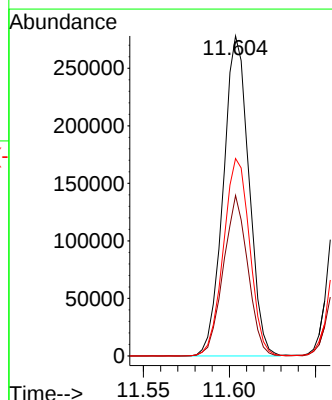
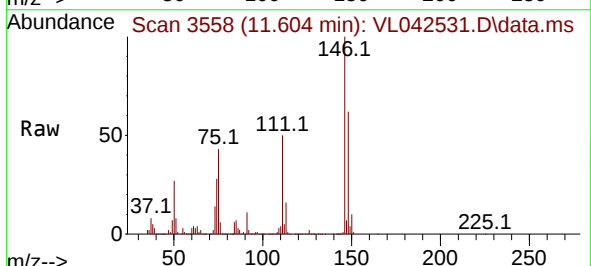
Delta R.T. -0.003 min

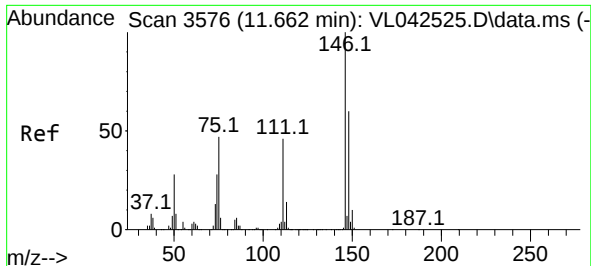
Lab File: VL042531.D

Acq: 12 May 2025 12:22

Tgt Ion:146 Resp: 287342

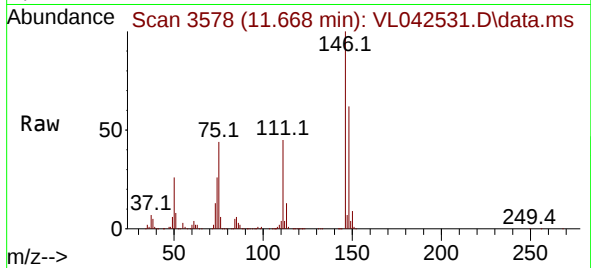
Ion	Ratio	Lower	Upper
146	100		
111	48.0	26.1	78.3
148	63.3	32.0	96.0





#76
1,4-Dichlorobenzene
Concen: 12.645 ppbv
RT: 11.668 min Scan# 3576
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

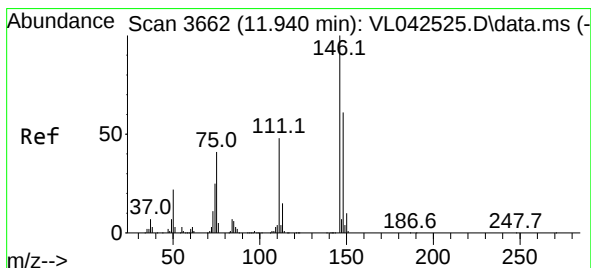
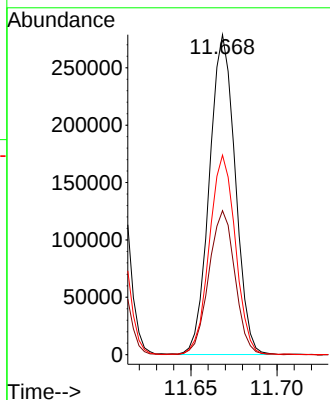
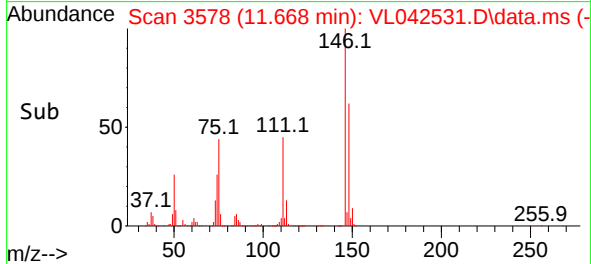
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



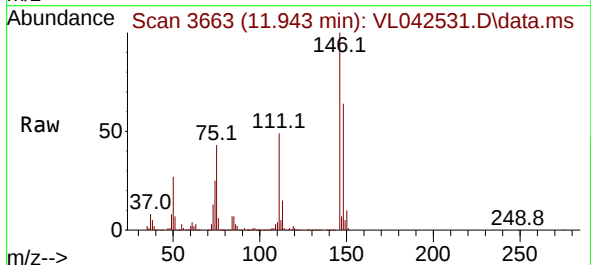
Tgt Ion:146 Resp: 290441
Ion Ratio Lower Upper
146 100
111 45.7 24.4 73.2
148 63.2 32.0 96.2

Manual Integrations
APPROVED

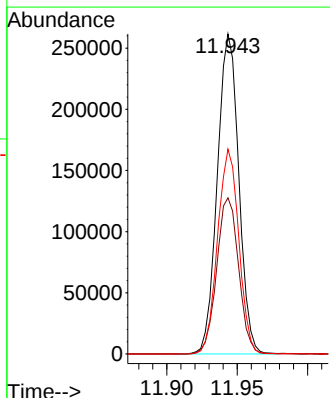
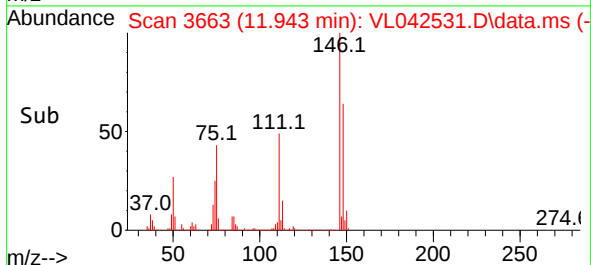
Reviewed By :Semsettin Yesilyurt 05/14/2025
Supervised By :Mahesh Dadoda 05/14/2025

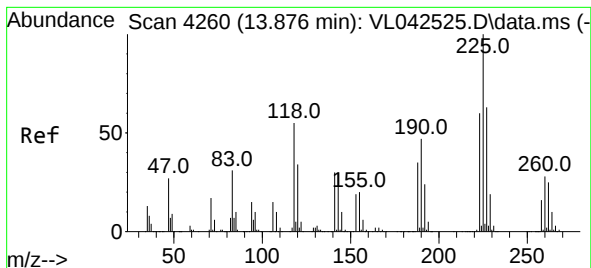


#77
1,2-Dichlorobenzene
Concen: 11.677 ppbv
RT: 11.943 min Scan# 3663
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22



Tgt Ion:146 Resp: 277399
Ion Ratio Lower Upper
146 100
111 49.9 26.5 79.5
148 63.4 31.5 94.5





#78

Hexachloro-1,3-Butadiene

Concen: 9.403 ppbv

RT: 13.879 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:225 Resp: 22306

Ion Ratio Lower Upper

225 100

223 63.4 50.2 75.4

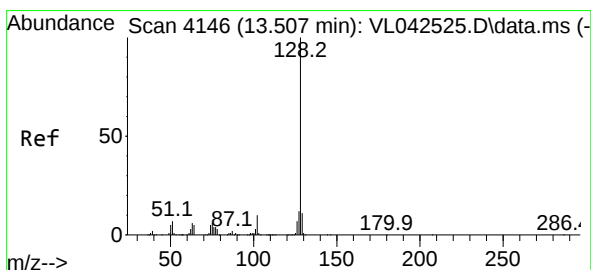
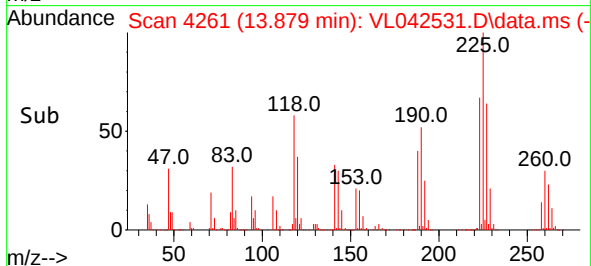
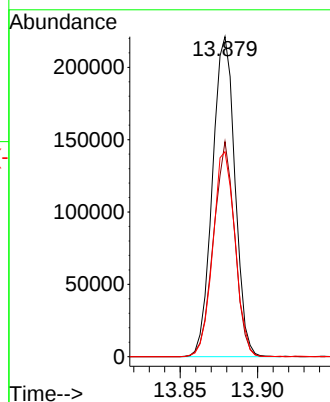
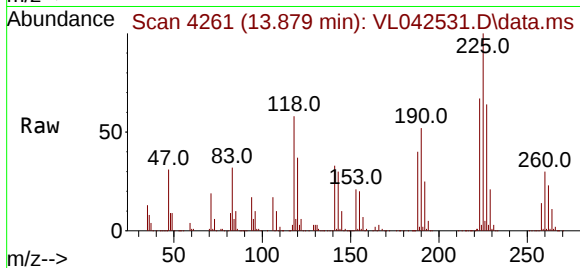
227 63.6 51.2 76.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2025

Supervised By :Mahesh Dadoda 05/14/2025



#79

Naphthalene

Concen: 11.077 ppbv

RT: 13.510 min Scan# 4147

Delta R.T. -0.003 min

Lab File: VL042531.D

Acq: 12 May 2025 12:22

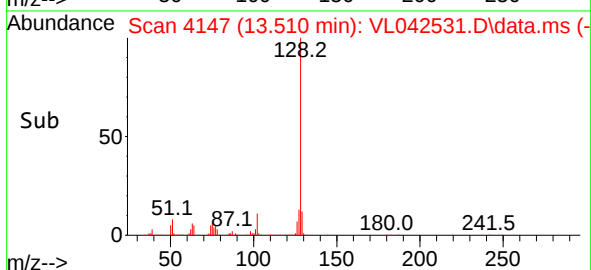
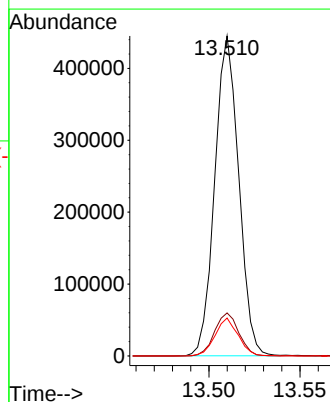
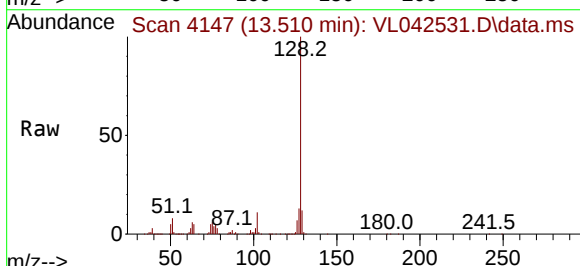
Tgt Ion:128 Resp: 406535

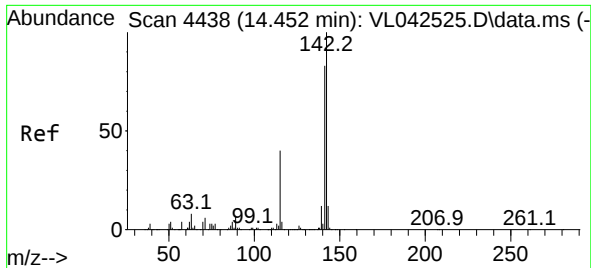
Ion Ratio Lower Upper

128 100

127 13.5 9.7 14.5

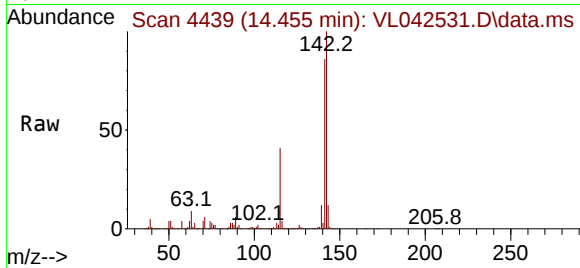
129 11.9 8.6 13.0





#80
Naphthalene, 2-methyl-
Concen: 8.539 ppbv
RT: 14.455 min Scan# 4438
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

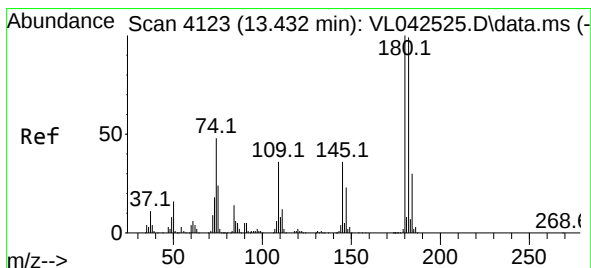
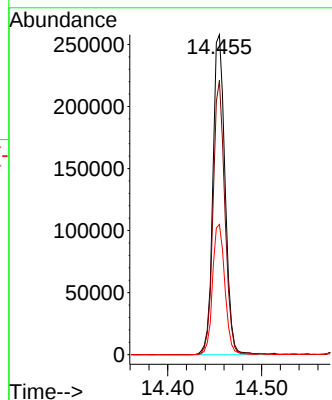
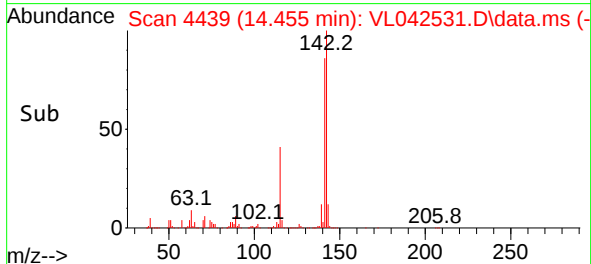
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:142 Resp: 232933
Ion Ratio Lower Upper
142 100
141 83.2 67.4 101.0
115 41.3 36.9 55.3

Manual Integrations
APPROVED

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



#81
1,2,4-Trichlorobenzene
Concen: 11.073 ppbv
RT: 13.436 min Scan# 4124
Delta R.T. -0.003 min
Lab File: VL042531.D
Acq: 12 May 2025 12:22

Tgt Ion:180 Resp: 216738
Ion Ratio Lower Upper
180 100
182 95.3 74.6 111.8
184 29.7 24.9 37.3

