

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092225\
 Data File : VL042950.D
 Acq On : 22 Sep 2025 09:39
 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 09/23/2025
 Supervised By : Mahesh Dadoda 09/24/2025

Quant Time: Sep 23 02:08:12 2025

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	170899	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	526679	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	486724	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.371 95 371195 10.217 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.496	85	213351	9.282	ppbv	100
3) Chlorodifluoromethane	1.473	51	269073	9.392	ppbv	100
4) Chloromethane	1.531	50	95679	9.196	ppbv	100
5) Vinyl Chloride	1.577	62	80350	8.543	ppbv	100
6) Bromomethane	1.667	94	28301	8.530	ppbv	100
7) Chloroethane	1.703	64	33446	9.158	ppbv	100
8) Dichlorotetrafluoroethane	1.554	85	178992	9.122	ppbv	100
9) Propene	1.483	41	116849	9.376	ppbv	100
10) Heptane	4.969	43	319577	9.560	ppbv	100
11) Trichlorofluoromethane	1.874	101	204850	9.243	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.137	101	164598	9.171	ppbv	100
13) Ethanol	1.719	45	9094	7.613	ppbv	100
14) Bromoethene	1.780	108	61824	9.111	ppbv	100
15) Acetone	1.832	43	169676	7.623	ppbv	100
16) 1,3-Butadiene	1.606	39	88812	8.459	ppbv	100
17) tert-Butyl alcohol	2.036	59	230853	9.456	ppbv	100
18) 1,1-Dichloroethene	2.030	96	76184	9.170	ppbv	100
19) Isopropyl Alcohol	1.884	45	122753	9.174	ppbv	100
20) Methylene Chloride	2.059	84	66314	9.992	ppbv	100
21) Allyl Chloride	2.094	41	146473	9.449	ppbv	100
22) trans-1,2-Dichloroethene	2.337	96	86580	9.172	ppbv	100
23) Vinyl Acetate	2.460	43	272378	8.566	ppbv	100
24) 1,1-Dichloroethane	2.405	63	169721	9.168	ppbv	100
25) Ethyl Acetate	2.829	43	538761	9.577	ppbv	100
26) Hexane	2.823	57	238896	9.316	ppbv	100
27) Carbon Disulfide	2.146	76	217259	9.446	ppbv	100
28) Methyl tert-Butyl Ether	2.434	73	108987	8.176	ppbv	100
29) Chloroform	2.845	83	315779	9.418	ppbv	100
30) Cyclohexane	3.852	84	203803	9.506	ppbv	100
31) cis-1,2-Dichloroethene	2.716	61	231907	9.654	ppbv	100
32) 1,1,1-Trichloroethane	3.363	97	325118	8.947	ppbv	100
34) 2-Butanone	2.551	43	344874	9.343	ppbv	100
35) Carbon Tetrachloride	3.755	117	321267	9.480	ppbv	100
36) Benzene	3.651	78	472855	9.561	ppbv	100
37) 1,2-Dichloroethane	3.214	62	247754	9.525	ppbv	100
38) Trichloroethene	4.541	130	224516	9.134	ppbv	100
39) 1,2-Dichloropropane	4.305	63	172059	9.523	ppbv	100
40) 1,4-Dioxane	4.570	88	77889	9.283	ppbv #	100
41) Tetrahydrofuran	3.046	42	204724	9.649	ppbv	100
42) Bromodichloromethane	4.480	83	358858	9.903	ppbv	100
43) Methyl Methacrylate	4.871	69	193676	9.646	ppbv	100
44) 2,2,4-Trimethylpentane	4.632	57	823031	9.631	ppbv	100
45) t-1,3-Dichloropropene	6.406	75	215233	9.969	ppbv	100

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

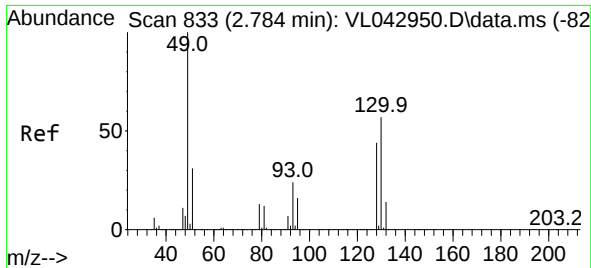
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

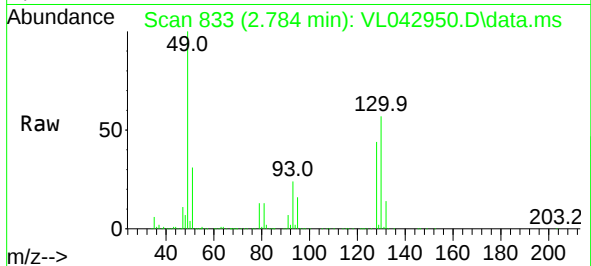
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.590	75	275210	10.006	ppbv	100
47) 1,1,2-Trichloroethane	6.571	97	181329	9.498	ppbv	100
48) Dibromochloromethane	7.383	129	300497	9.845	ppbv	100
49) Bromoform	9.480	173	267814	10.087	ppbv	100
50) 4-Methyl-2-Pentanone	5.736	43	492068	9.920	ppbv	100
51) 2-Hexanone	7.428	43	395744	10.036	ppbv #	100
52) Tetrachloroethene	8.218	164	171294	8.951	ppbv	100
53) Toluene	6.923	91	567779	9.699	ppbv	100
54) 1,2-Dibromoethane	7.645	107	257904	9.605	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.921	131	223066	9.575	ppbv	100
57) Chlorobenzene	8.917	112	415238	9.345	ppbv	100
58) Ethyl Benzene	9.348	91	764249	9.562	ppbv	100
59) m/p-Xylene	9.526	91	1192566m	18.913	ppbv	
60) o-Xylene	9.959	91	594329	9.437	ppbv	100
61) Styrene	9.866	104	293111	9.840	ppbv	100
62) Isopropylbenzene	10.536	105	877401	9.347	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.956	83	296678	8.963	ppbv	100
64) n-propylbenzene	10.985	120	230432	9.394	ppbv	100
65) tert-Butylbenzene	11.526	119	757958	9.078	ppbv	100
66) Benzyl Chloride	11.610	91	94982	10.842	ppbv	100
67) sec-Butylbenzene	11.762	105	1066409	9.166	ppbv	100
69) p-Isopropyltoluene	11.921	119	903376	9.192	ppbv	100
70) n-Butylbenzene	12.277	91	915624	9.543	ppbv	100
71) 2-Chlorotoluene	10.895	91	668239	9.428	ppbv	100
72) 4-Ethyltoluene	11.121	105	741298	9.398	ppbv	100
73) 1,3,5-Trimethylbenzene	11.199	105	614632	9.608	ppbv	100
74) 1,2,4-Trimethylbenzene	11.532	105	656535	9.294	ppbv	100
75) 1,3-Dichlorobenzene	11.604	146	411473	9.392	ppbv	100
76) 1,4-Dichlorobenzene	11.668	146	411464	9.456	ppbv	100
77) 1,2-Dichlorobenzene	11.944	146	387219	9.289	ppbv	100
78) Hexachloro-1,3-Butadiene	13.876	225	280080	8.591	ppbv	100
79) Naphthalene	13.510	128	668171	10.696	ppbv	100
80) Naphthalene,2-methyl-	14.452	142	195695	10.142	ppbv	100
81) 1,2,4-Trichlorobenzene	13.436	180	349393	10.461	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 833
Delta R.T. -0.000 min
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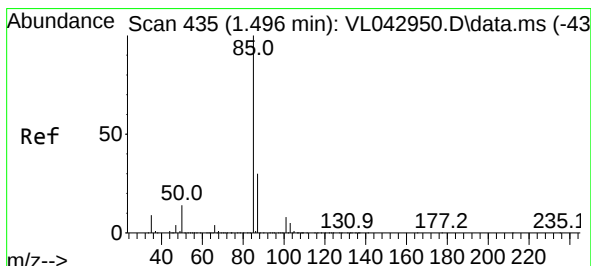
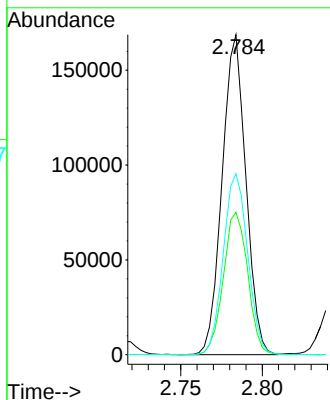
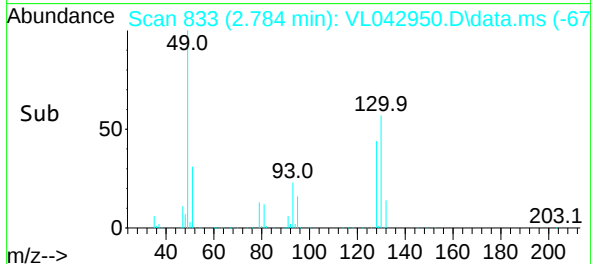
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



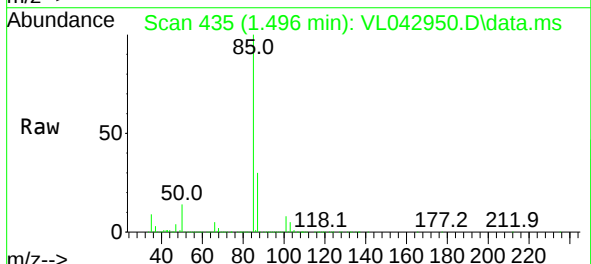
Tgt Ion: 49 Resp: 170899
Ion Ratio Lower Upper
49 100
128 45.9 22.9 68.8
130 58.2 29.1 87.3

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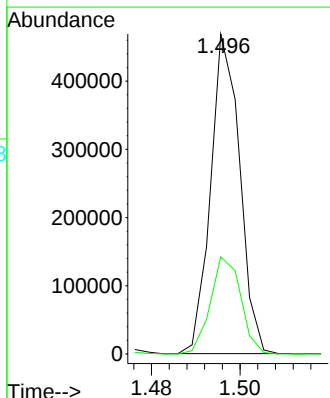
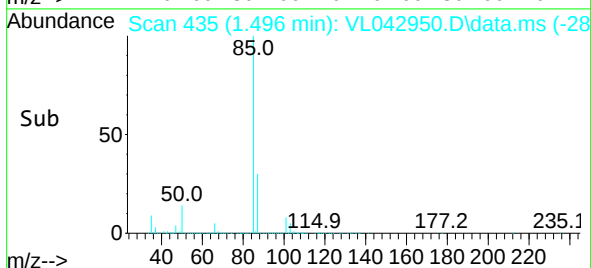
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

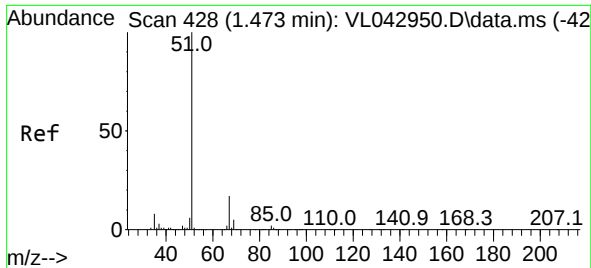


#2
Dichlorodifluoromethane
Concen: 9.282 ppbv
RT: 1.496 min Scan# 435
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



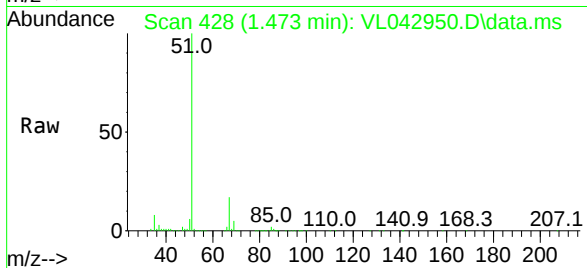
Tgt Ion: 85 Resp: 213351
Ion Ratio Lower Upper
85 100
87 30.4 24.3 36.5





#3
Chlorodifluoromethane
Concen: 9.392 ppbv
RT: 1.473 min Scan# 428
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

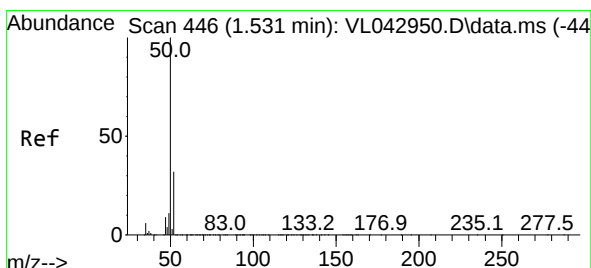
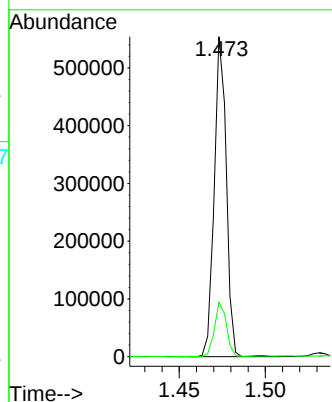
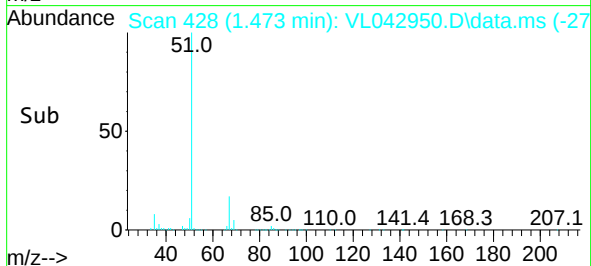
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



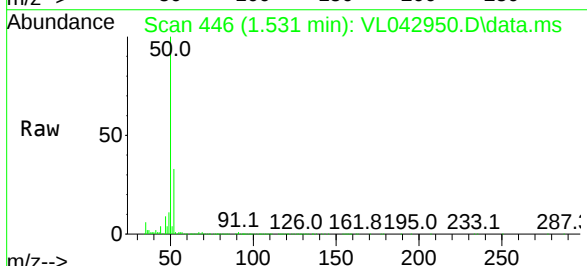
Tgt Ion: 51 Resp: 269073
Ion Ratio Lower Upper
51 100
67 17.3 13.8 20.8

Manual Integrations
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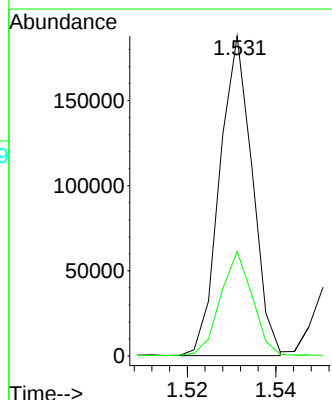
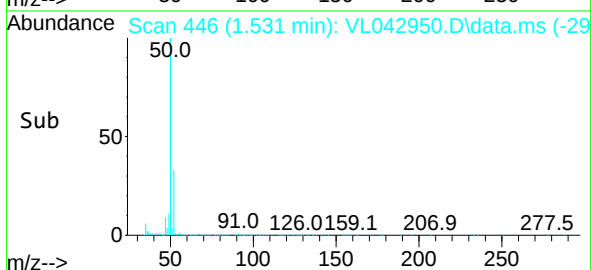
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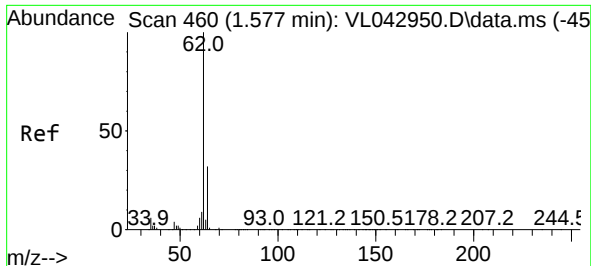


#4
Chloromethane
Concen: 9.196 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



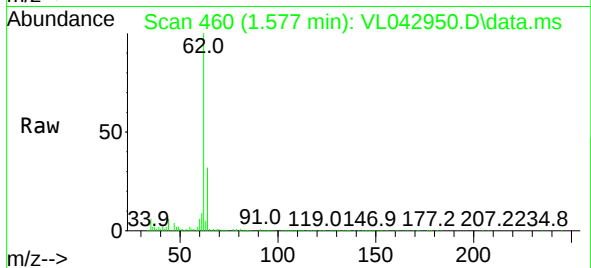
Tgt Ion: 50 Resp: 95679
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9





#5
 Vinyl Chloride
 Concen: 8.543 ppbv
 RT: 1.577 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

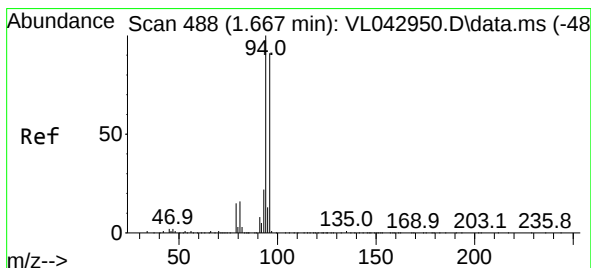
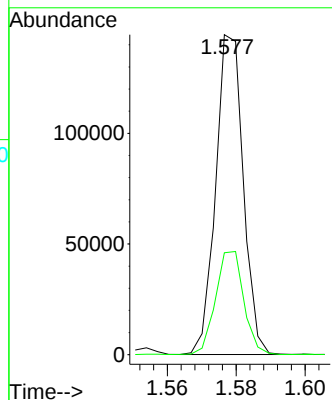
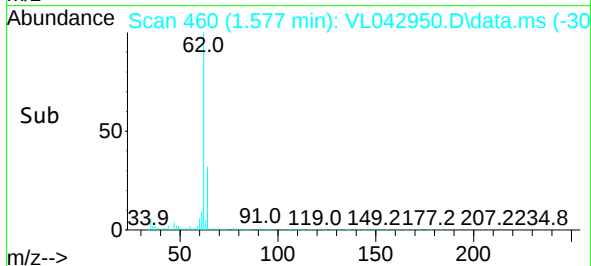
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



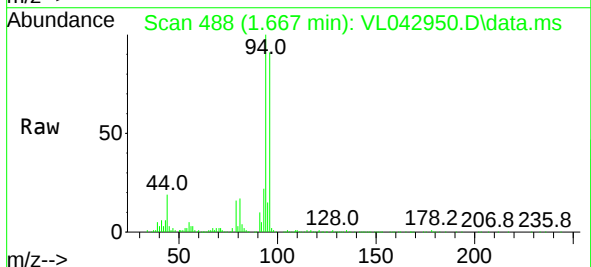
Tgt Ion: 62 Resp: 80350
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2

Manual Integrations
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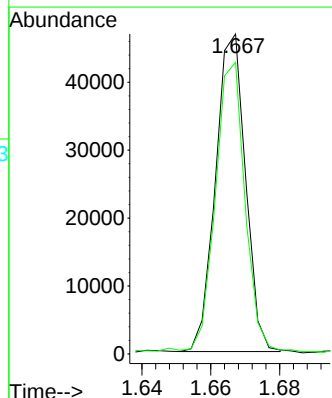
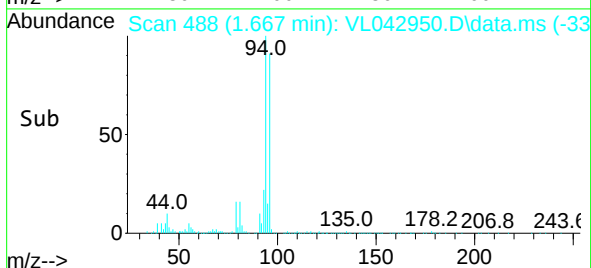
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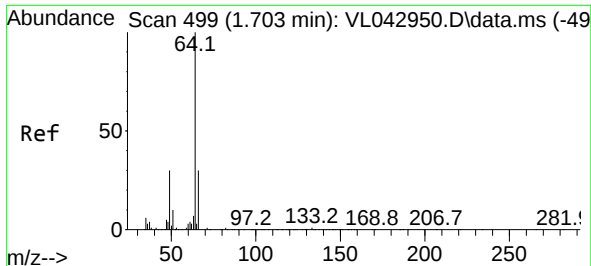


#6
 Bromomethane
 Concen: 8.530 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39



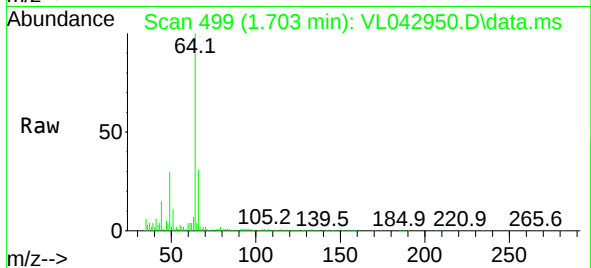
Tgt Ion: 94 Resp: 28301
 Ion Ratio Lower Upper
 94 100
 96 90.7 72.6 108.8





#7
Chloroethane
Concen: 9.158 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

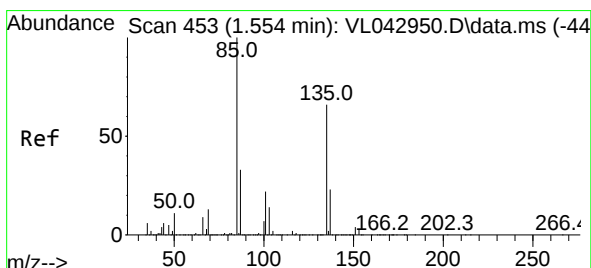
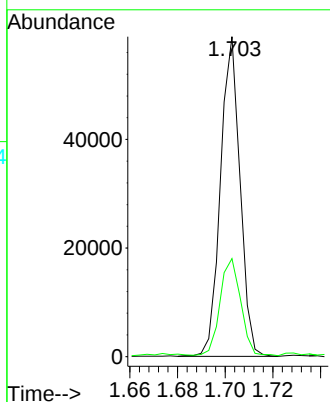
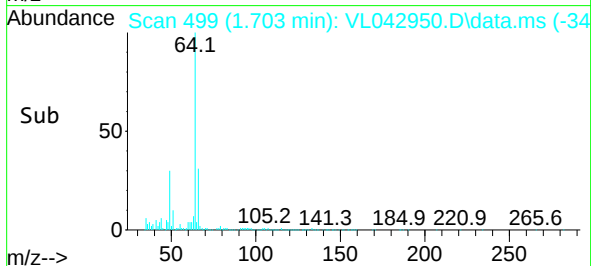
Instrument :
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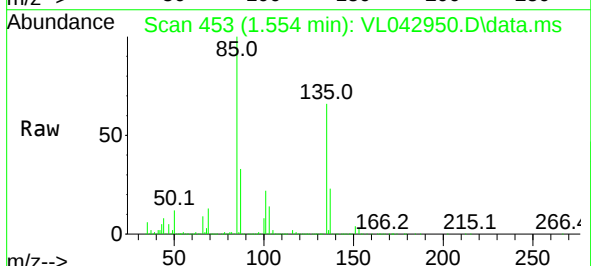
Tgt Ion: 64 Resp: 33440
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

Manual Integrations
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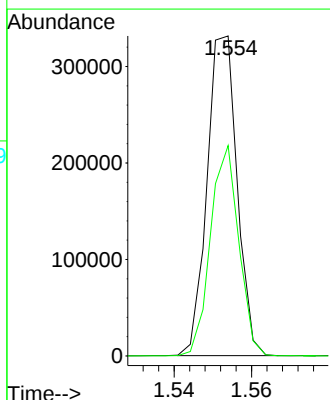
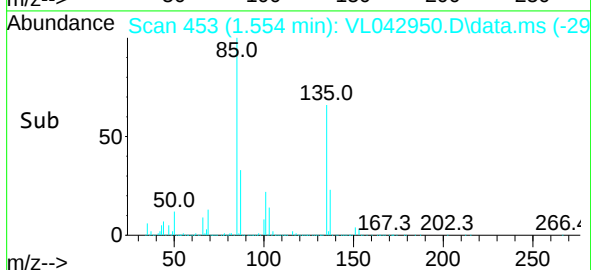
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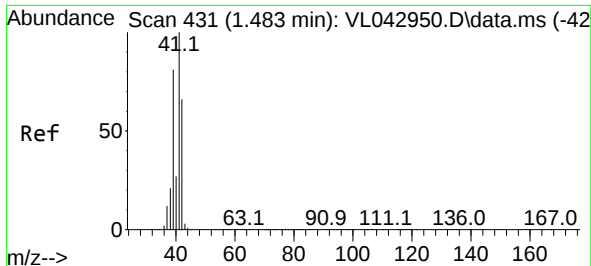


#8
Dichlorotetrafluoroethane
Concen: 9.122 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



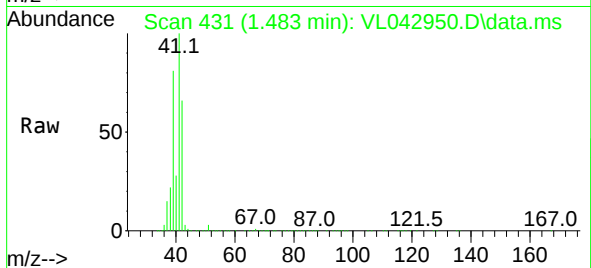
Tgt Ion: 85 Resp: 178992
Ion Ratio Lower Upper
85 100
135 62.1 49.7 74.5





#9
 Propene
 Concen: 9.376 ppbv
 RT: 1.483 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

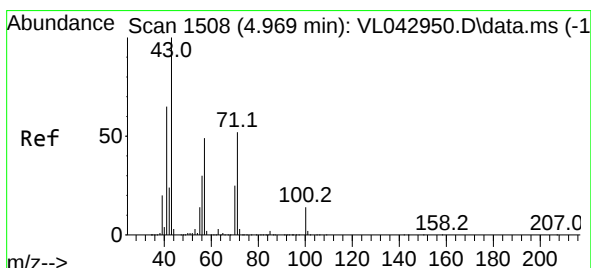
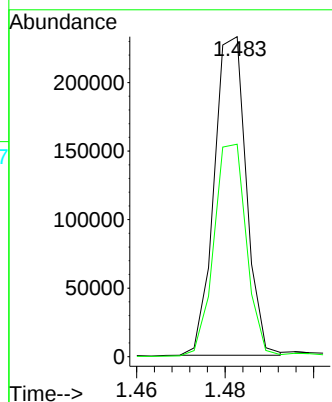
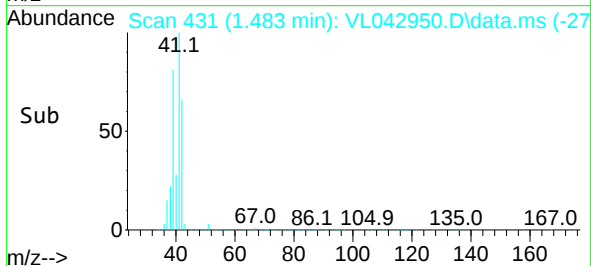
Instrument :
 MSVOA_L
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 VSTDICCC010



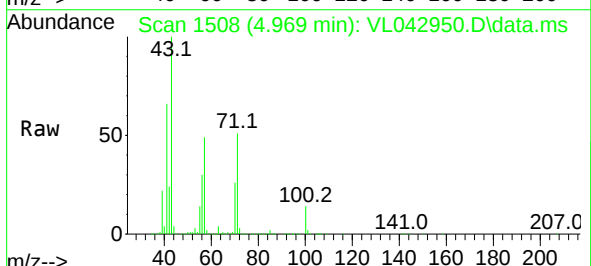
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 Ion Ratio Lower Upper
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Manual Integrations
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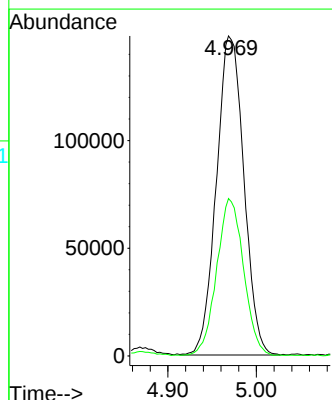
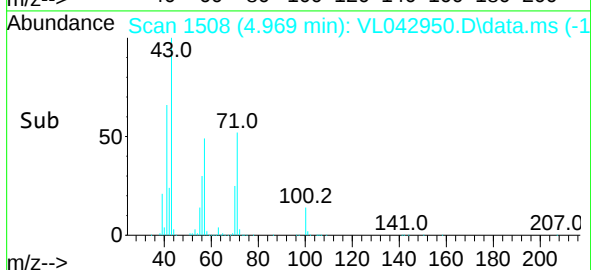
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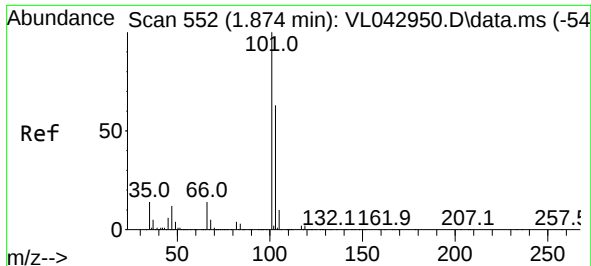


#10
 Heptane
 Concen: 9.560 ppbv
 RT: 4.969 min Scan# 1508
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39



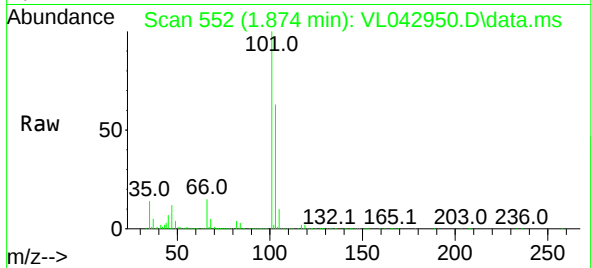
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 Ion Ratio Lower Upper
 43 100
 57 48.2 38.6 57.8





#11
Trichlorofluoromethane
Concen: 9.243 ppbv
RT: 1.874 min Scan# 552
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

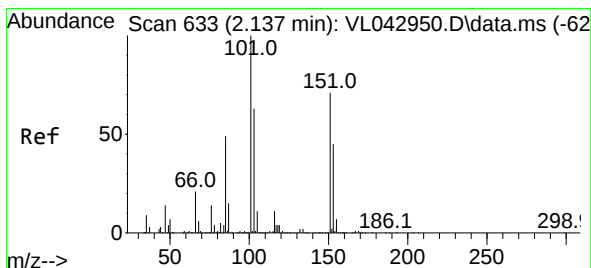
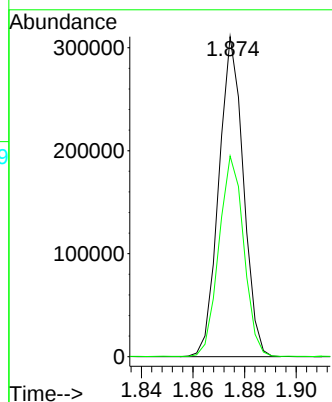
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



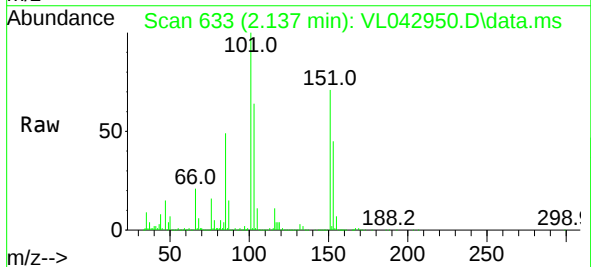
Tgt Ion:101 Resp: 204850
Ion Ratio Lower Upper
101 100
103 62.6 50.1 75.1

Manual Integrations
APPROVED

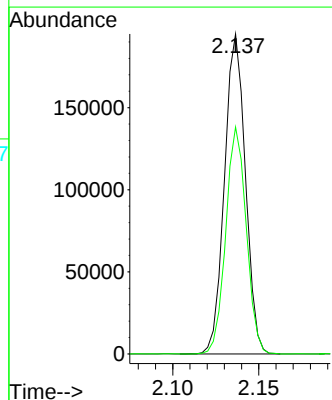
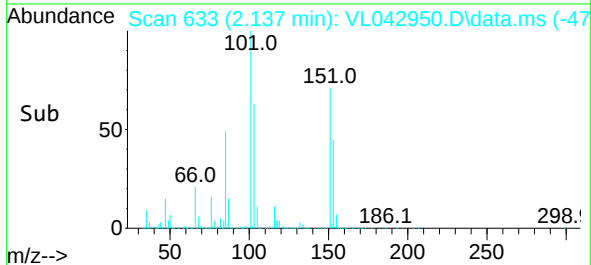
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

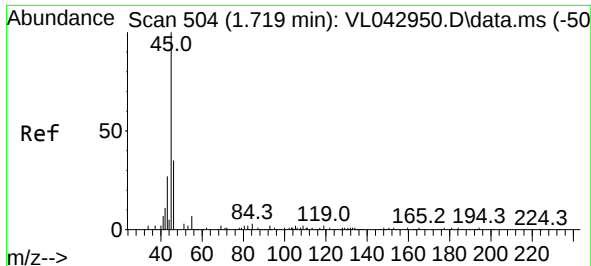


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.171 ppbv
RT: 2.137 min Scan# 633
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



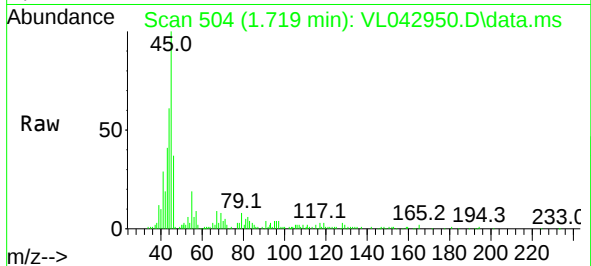
Tgt Ion:101 Resp: 164598
Ion Ratio Lower Upper
101 100
151 69.6 55.7 83.5





#13
Ethanol
Concen: 7.613 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

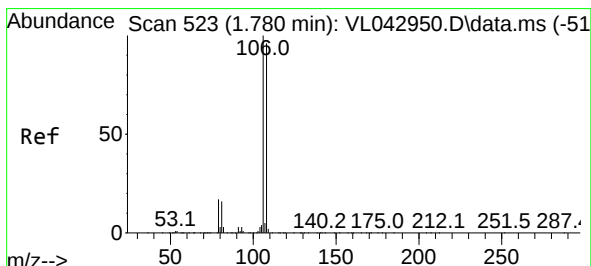
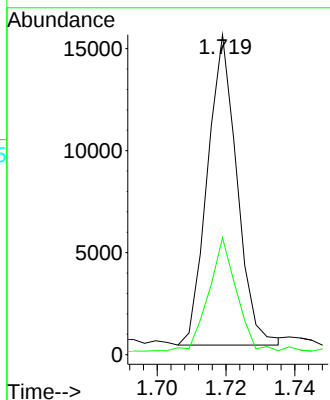
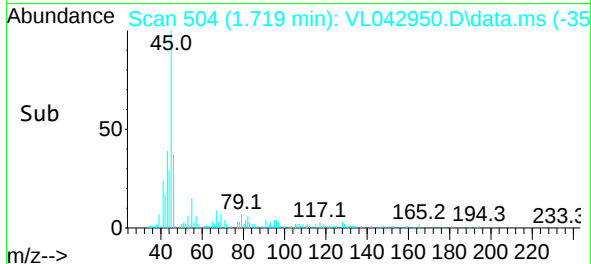
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



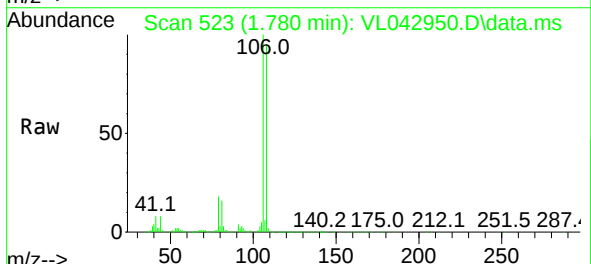
Tgt Ion: 45 Resp: 9094
Ion Ratio Lower Upper
45 100
46 40.4 16.2 64.6

Manual Integrations
APPROVED

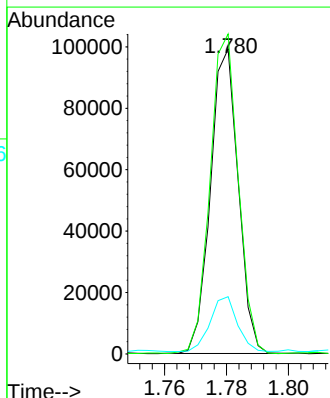
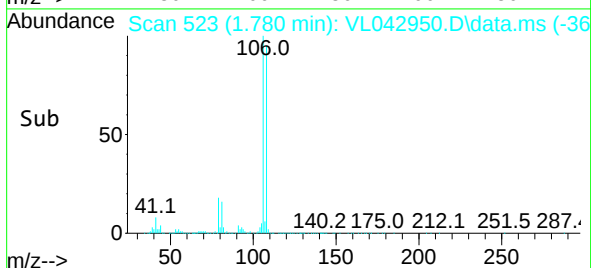
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

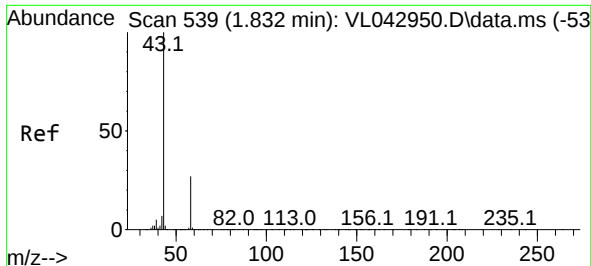


#14
Bromoethene
Concen: 9.111 ppbv
RT: 1.780 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



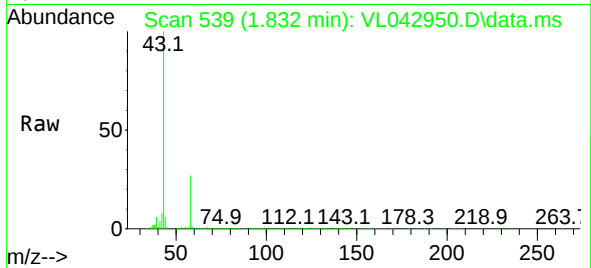
Tgt Ion:108 Resp: 61824
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 17.7 14.2 21.2





#15
Acetone
Concen: 7.623 ppbv
RT: 1.832 min Scan# 539
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

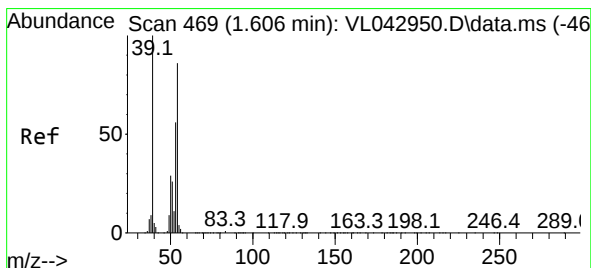
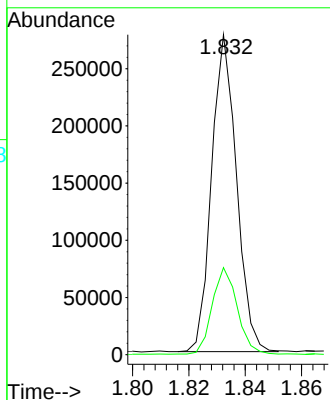
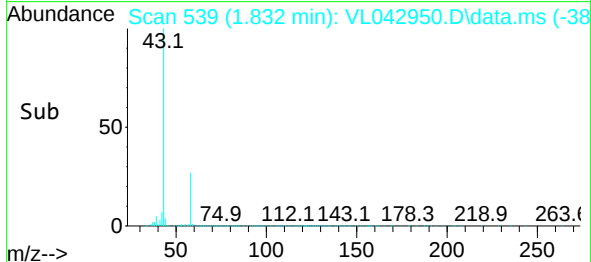
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



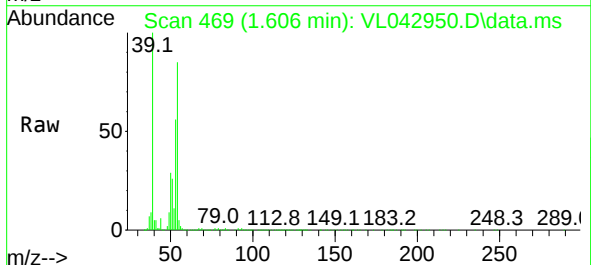
Tgt Ion: 43 Resp: 169670
Ion Ratio Lower Upper
43 100
58 27.9 22.3 33.5

Manual Integrations
APPROVED

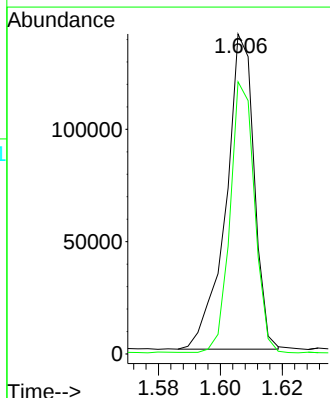
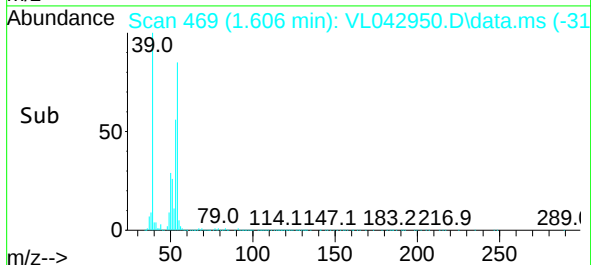
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

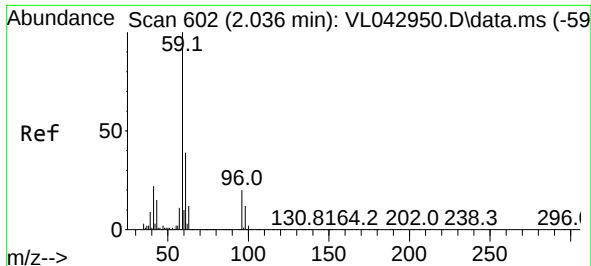


#16
1,3-Butadiene
Concen: 8.459 ppbv
RT: 1.606 min Scan# 469
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



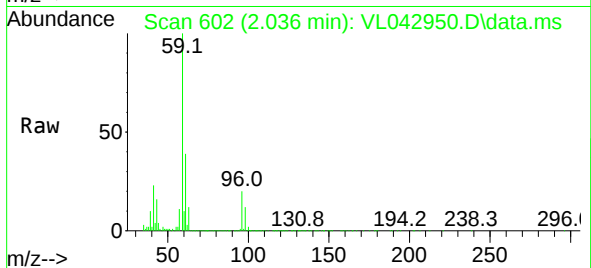
Tgt Ion: 39 Resp: 88812
Ion Ratio Lower Upper
39 100
54 76.0 60.8 91.2





#17
tert-Butyl alcohol
Concen: 9.456 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

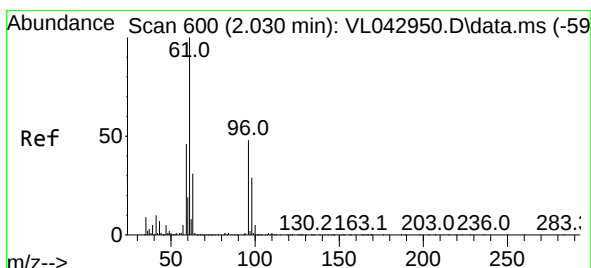
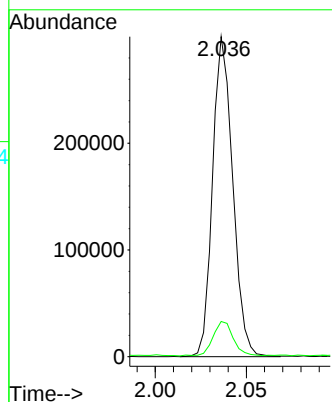
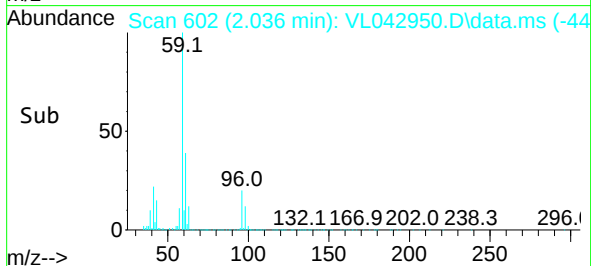
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



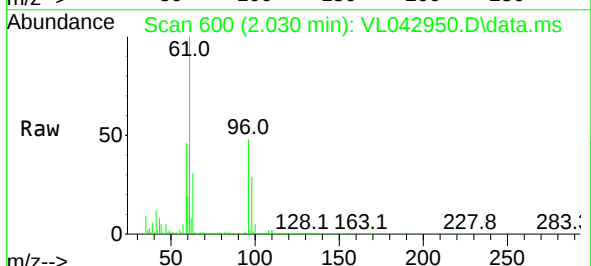
Tgt Ion: 59 Resp: 23085
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8

Manual Integrations
APPROVED

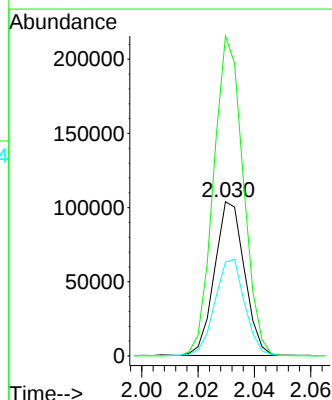
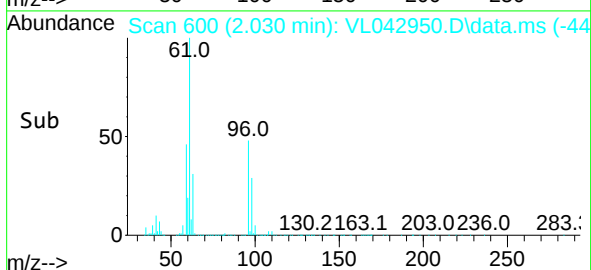
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

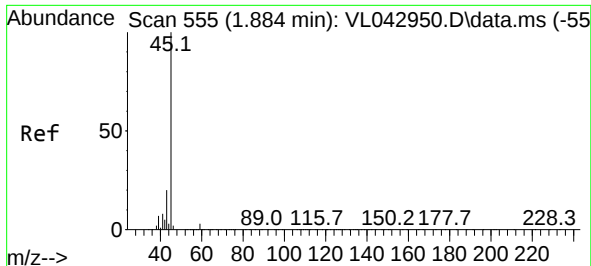


#18
1,1-Dichloroethene
Concen: 9.170 ppbv
RT: 2.030 min Scan# 600
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



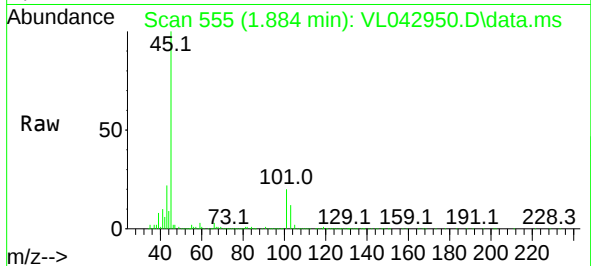
Tgt Ion: 96 Resp: 76184
Ion Ratio Lower Upper
96 100
61 207.8 166.2 249.4
98 60.8 48.6 73.0





#19
Isopropyl Alcohol
Concen: 9.174 ppbv
RT: 1.884 min Scan# 555
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

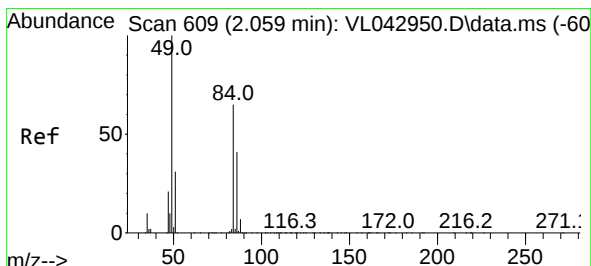
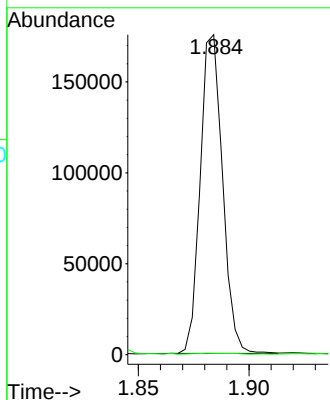
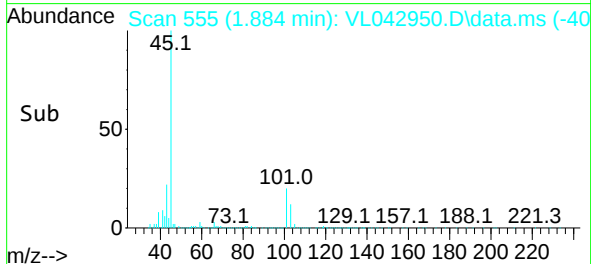
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



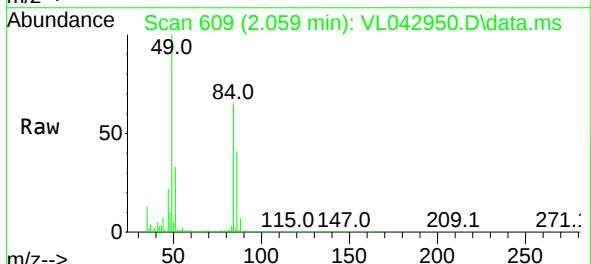
Tgt Ion: 45 Resp: 12275
Ion Ratio Lower Upper
45 100
58 38.8 31.0 46.6

Manual Integrations
APPROVED

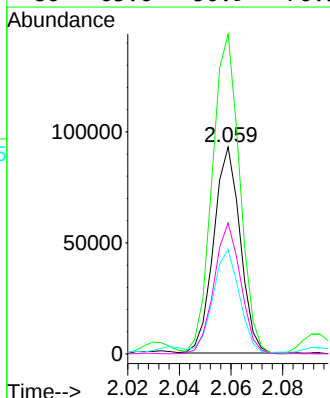
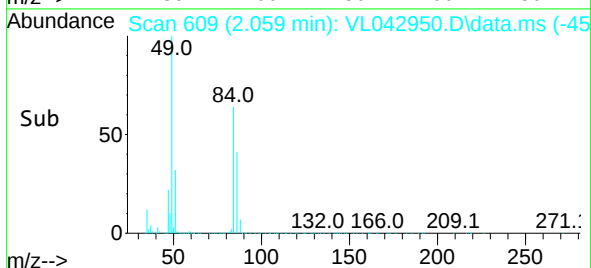
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

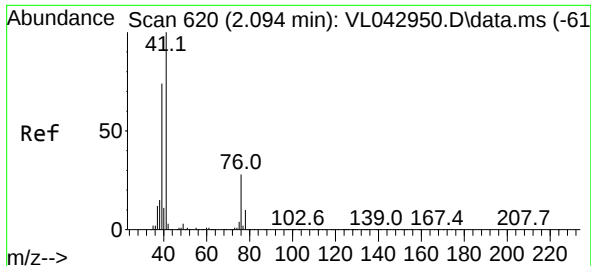


#20
Methylene Chloride
Concen: 9.992 ppbv
RT: 2.059 min Scan# 609
Delta R.T. -0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



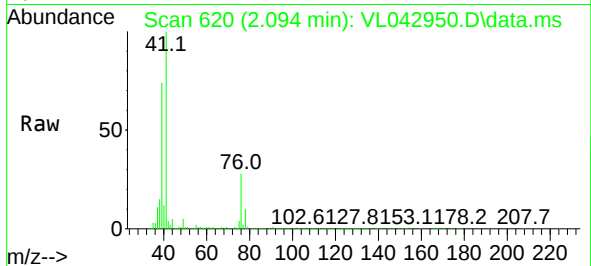
Tgt Ion: 84 Resp: 66314
Ion Ratio Lower Upper
84 100
49 155.1 124.1 186.1
51 49.8 39.8 59.8
86 63.6 50.9 76.3





#21
 Allyl Chloride
 Concen: 9.449 ppbv
 RT: 2.094 min Scan# 611
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

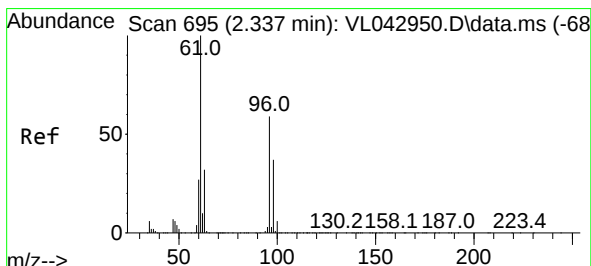
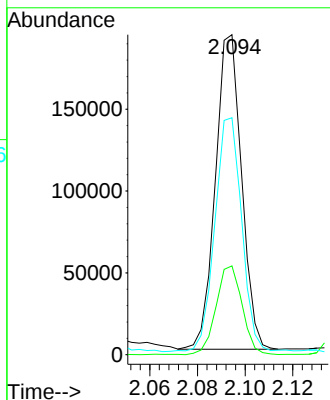
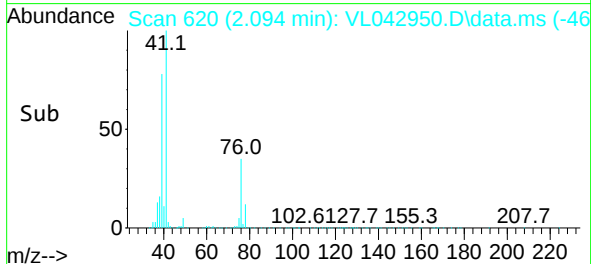
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



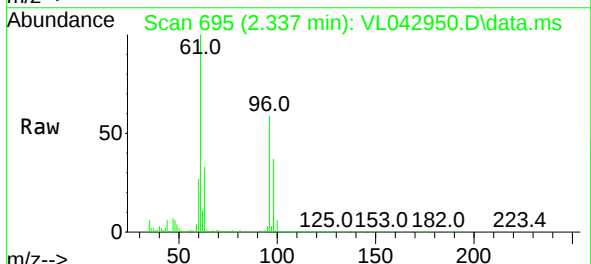
Tgt Ion: 41 Resp: 14647
 Ion Ratio Lower Upper
 41 100
 76 27.9 22.3 33.5
 39 76.6 61.3 91.9

Manual Integrations
 APPROVED

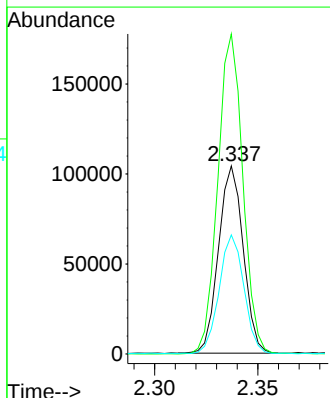
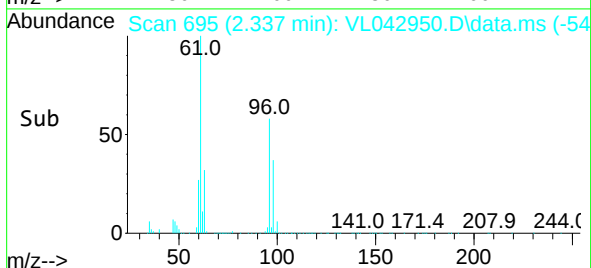
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

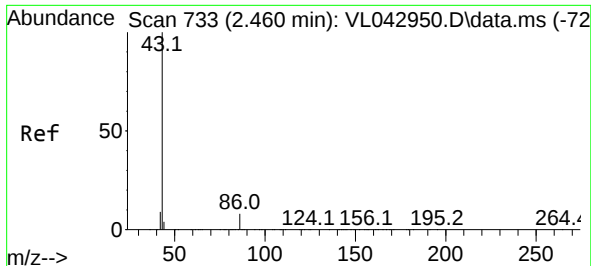


#22
 trans-1,2-Dichloroethene
 Concen: 9.172 ppbv
 RT: 2.337 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39



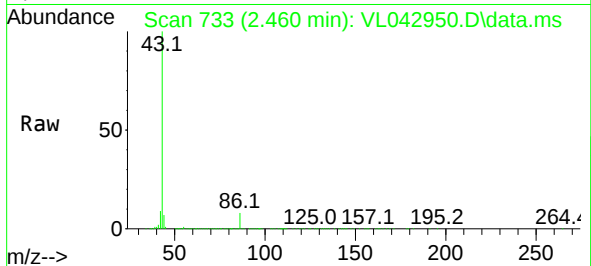
Tgt Ion: 96 Resp: 86580
 Ion Ratio Lower Upper
 96 100
 61 170.6 136.5 204.7
 98 63.3 50.6 76.0





#23
 Vinyl Acetate
 Concen: 8.566 ppbv
 RT: 2.460 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

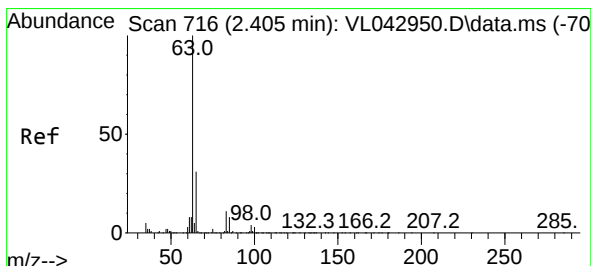
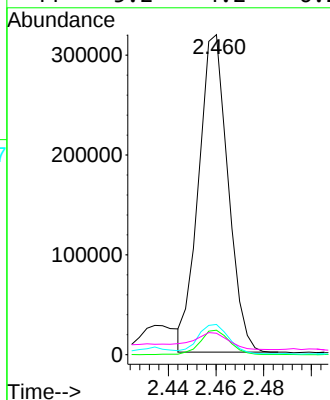
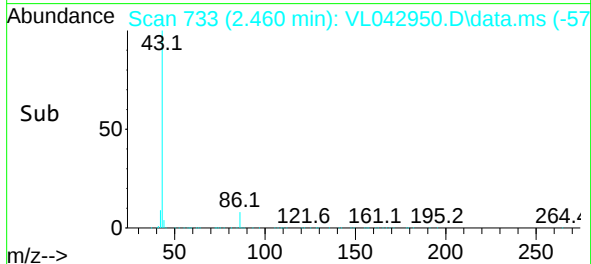
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



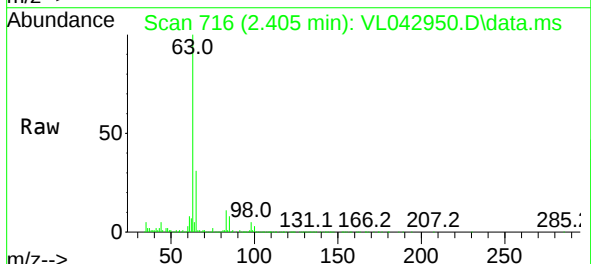
Tgt Ion: 43 Resp: 272378
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.2 9.2
 42 9.2 7.4 11.0
 44 5.2 4.2 6.2

Manual Integrations
 APPROVED

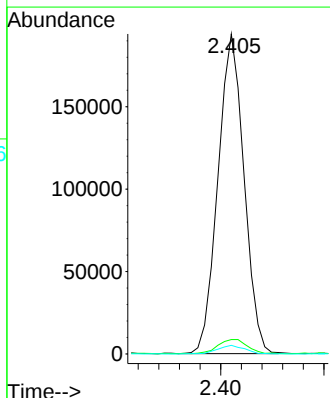
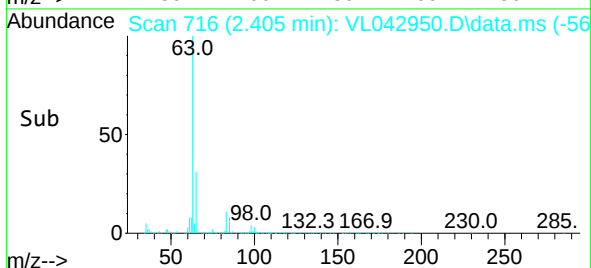
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

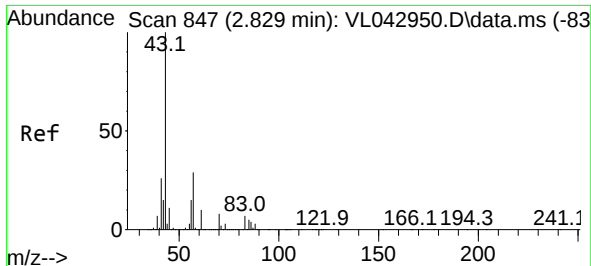


#24
 1,1-Dichloroethane
 Concen: 9.168 ppbv
 RT: 2.405 min Scan# 716
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39



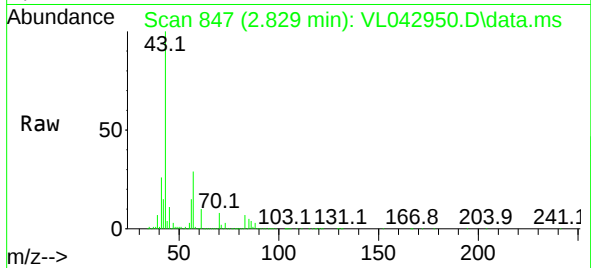
Tgt Ion: 63 Resp: 169721
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.2 6.6
 100 2.7 1.4 4.0





#25
Ethyl Acetate
Concen: 9.577 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

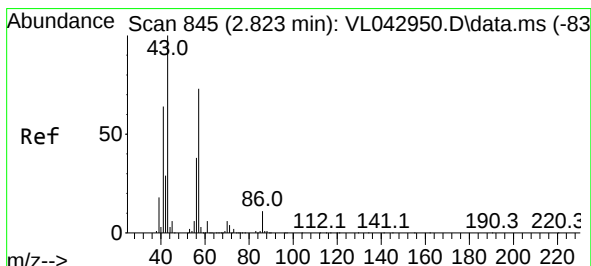
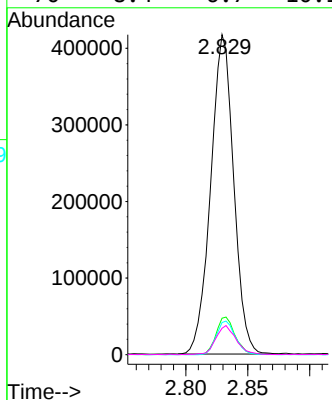
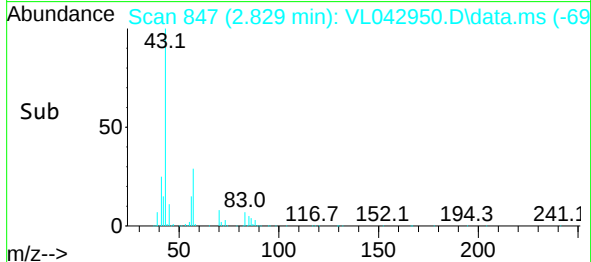
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



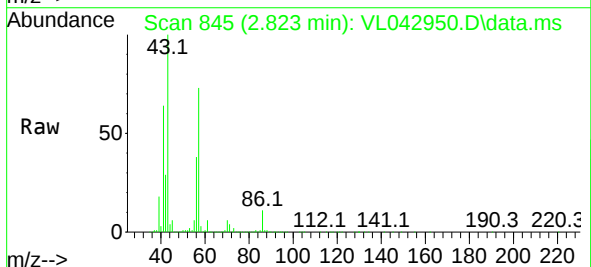
Tgt Ion: 43 Resp: 53876
Ion Ratio Lower Upper
43 100
45 9.6 7.7 11.5
61 8.9 7.1 10.7
70 8.4 6.7 10.1

Manual Integrations
APPROVED

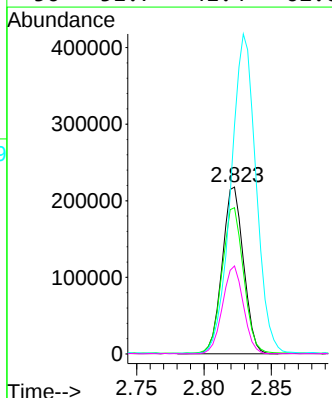
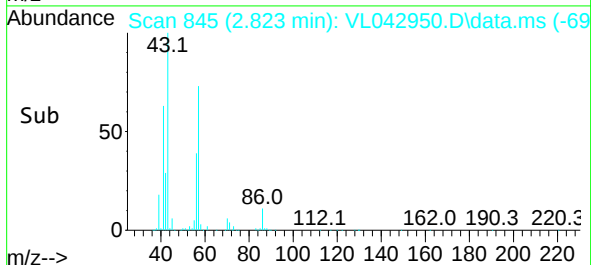
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

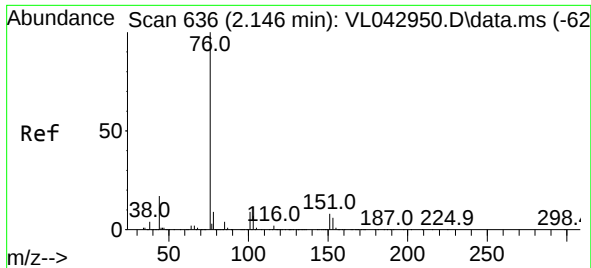


#26
Hexane
Concen: 9.316 ppbv
RT: 2.823 min Scan# 845
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



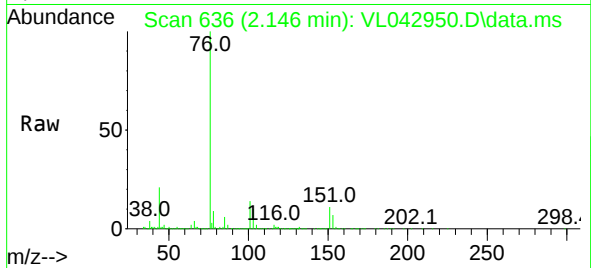
Tgt Ion: 57 Resp: 238896
Ion Ratio Lower Upper
57 100
41 89.6 71.7 107.5
43 226.0 180.8 271.2
56 51.7 41.4 62.0





#27
Carbon Disulfide
Concen: 9.446 ppbv
RT: 2.146 min Scan# 636
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

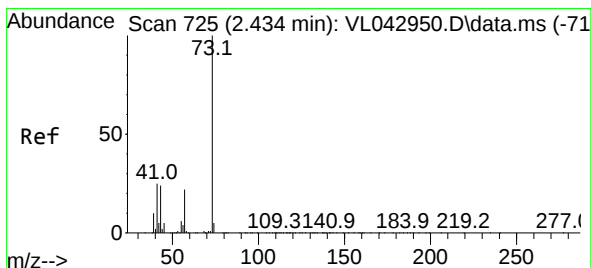
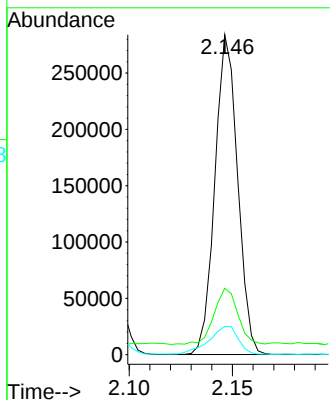
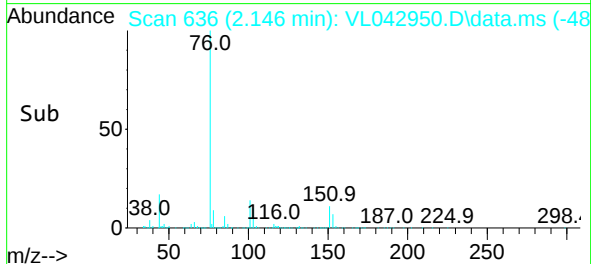
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



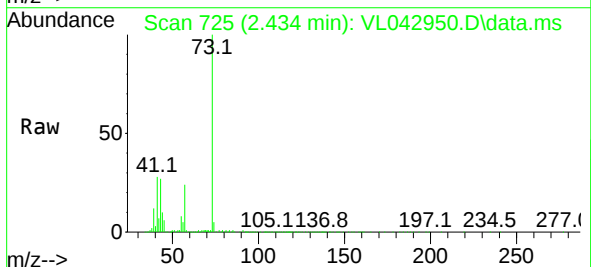
Tgt Ion: 76 Resp: 217259
Ion Ratio Lower Upper
76 100
44 19.5 15.6 23.4
78 11.1 8.9 13.3

Manual Integrations
APPROVED

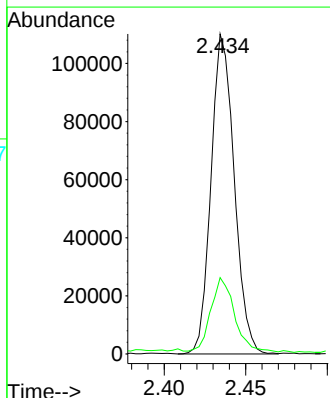
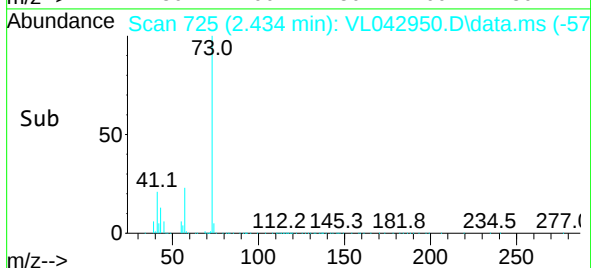
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

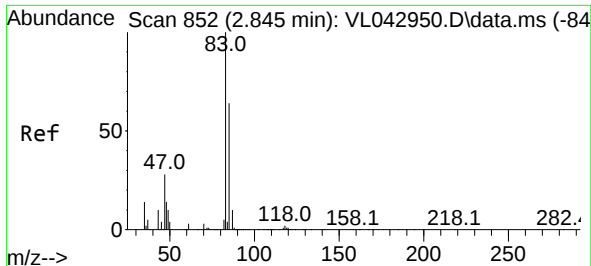


#28
Methyl tert-Butyl Ether
Concen: 8.176 ppbv
RT: 2.434 min Scan# 725
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



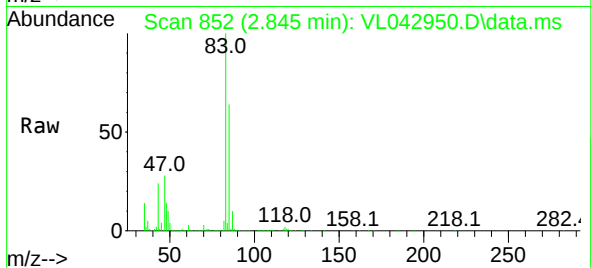
Tgt Ion: 73 Resp: 108987
Ion Ratio Lower Upper
73 100
57 25.8 20.6 31.0





#29
Chloroform
Concen: 9.418 ppbv
RT: 2.845 min Scan# 852
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

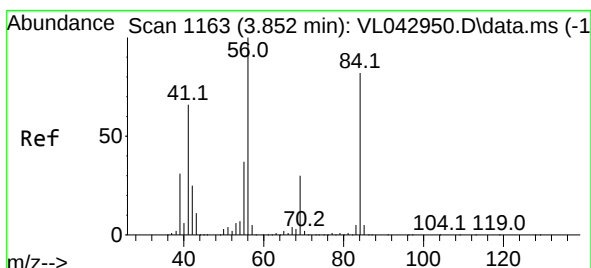
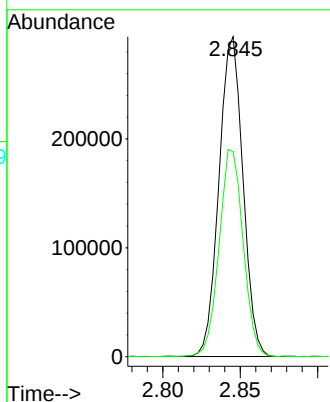
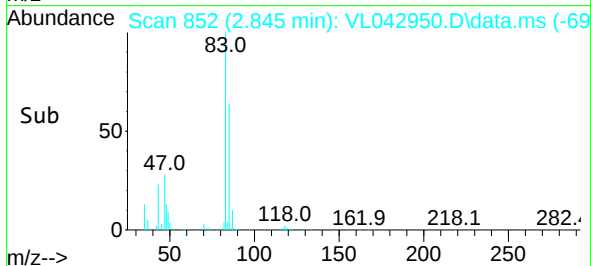
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 83 Resp: 315779
Ion Ratio Lower Upper
83 100
85 64.0 51.2 76.8

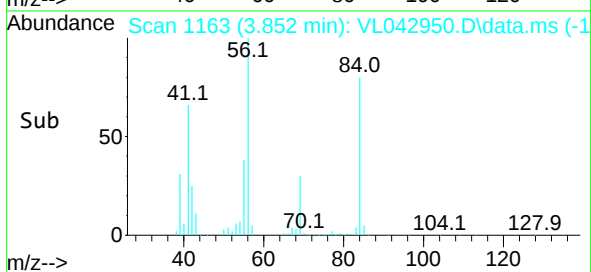
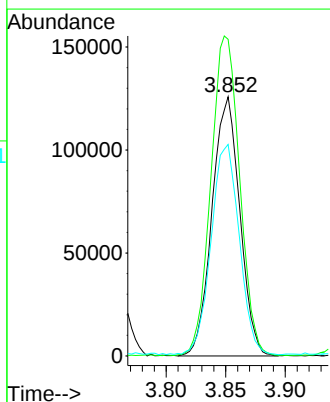
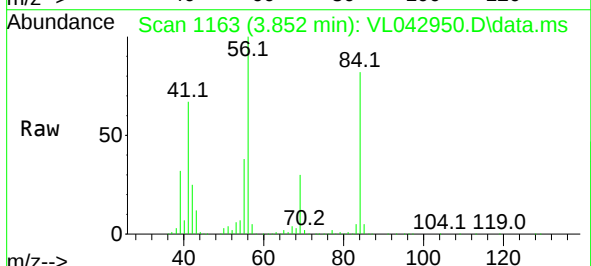
Manual Integrations
APPROVED

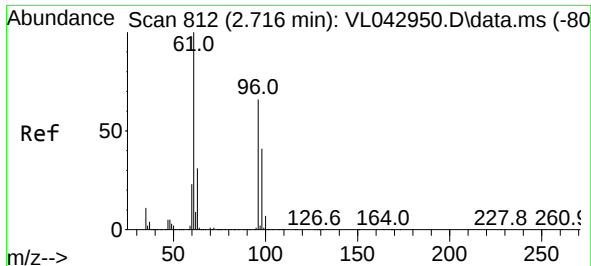
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#30
Cyclohexane
Concen: 9.506 ppbv
RT: 3.852 min Scan# 1163
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

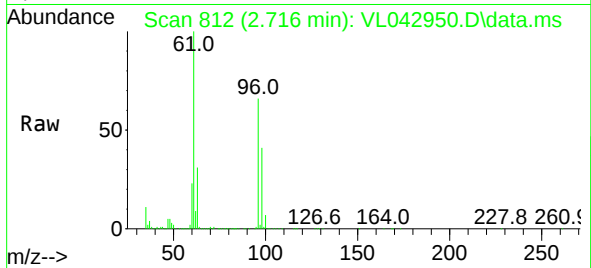
Tgt Ion: 84 Resp: 203803
Ion Ratio Lower Upper
84 100
56 127.8 102.2 153.4
41 82.0 65.6 98.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.654 ppbv
 RT: 2.716 min Scan# 812
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

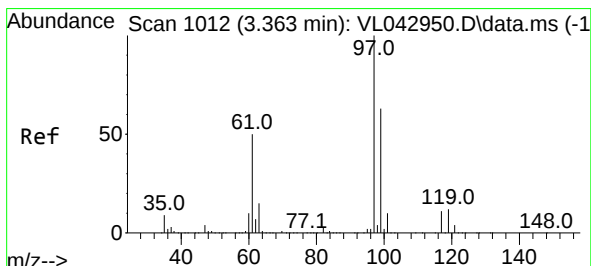
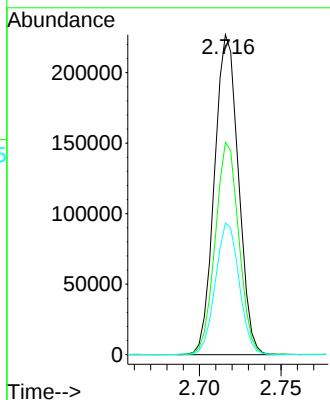
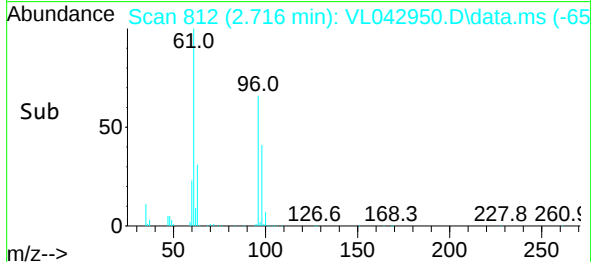
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



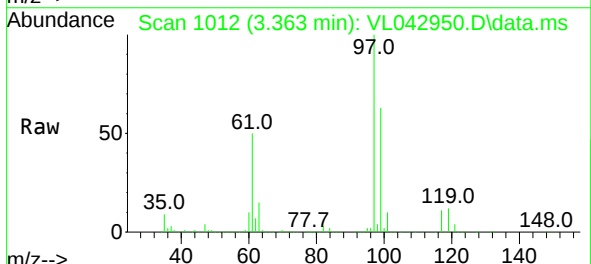
Tgt Ion: 61 Resp: 23190
 Ion Ratio Lower Upper
 61 100
 96 66.3 53.0 79.6
 98 41.1 32.9 49.3

Manual Integrations
 APPROVED

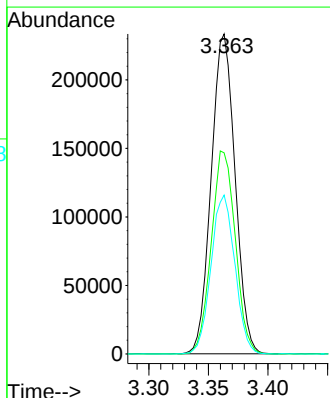
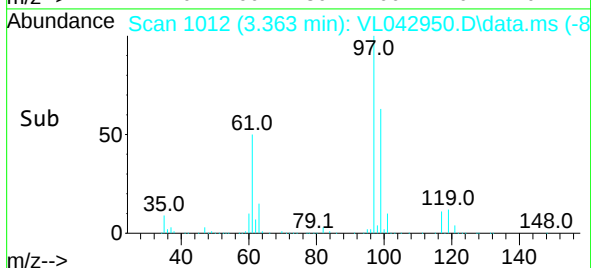
Reviewed By :Semsettin Yesilyurt 09/23/2025
 Supervised By :Mahesh Dadoda 09/24/2025

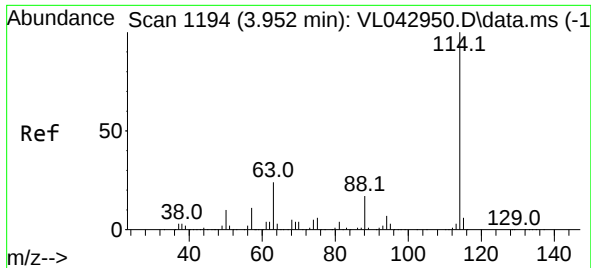


#32
 1,1,1-Trichloroethane
 Concen: 8.947 ppbv
 RT: 3.363 min Scan# 1012
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39



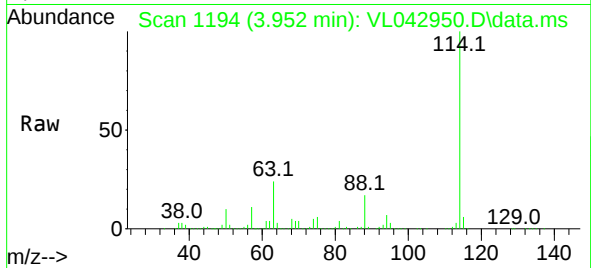
Tgt Ion: 97 Resp: 325118
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.1 76.7
 61 49.7 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

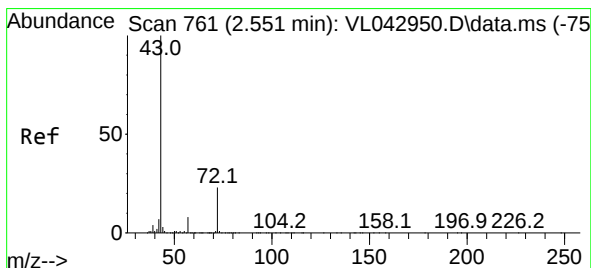
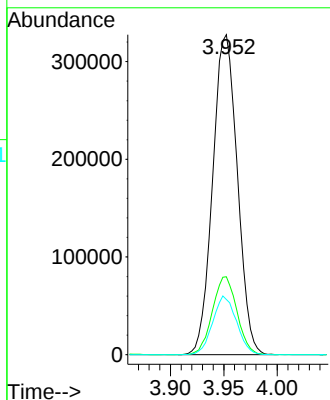
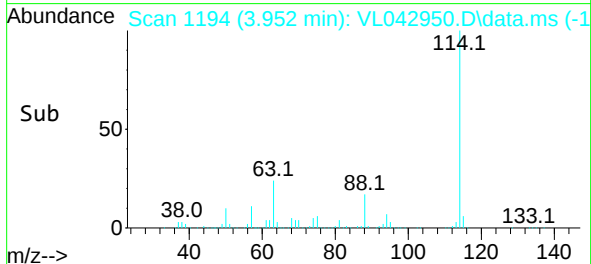
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



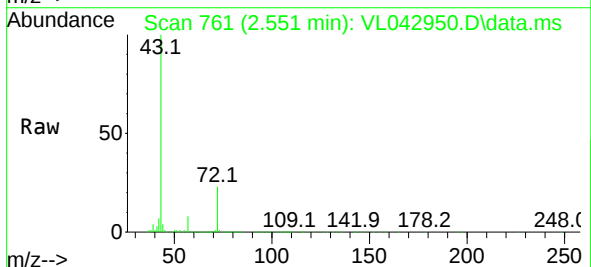
Tgt Ion:114 Resp: 526679
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.2
88 17.7 14.2 21.2

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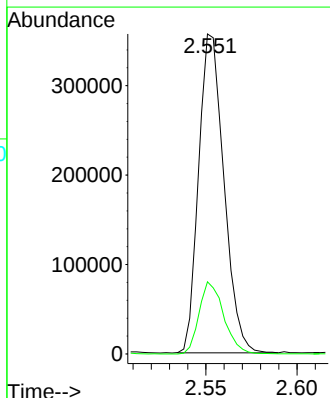
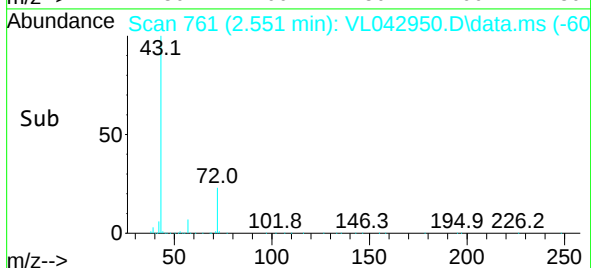
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

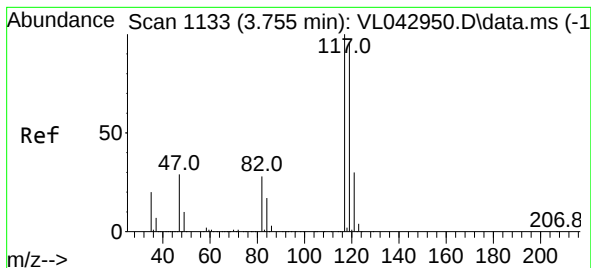


#34
2-Butanone
Concen: 9.343 ppbv
RT: 2.551 min Scan# 761
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



Tgt Ion: 43 Resp: 344874
Ion Ratio Lower Upper
43 100
72 22.1 17.7 26.5





#35

Carbon Tetrachloride

Concen: 9.480 ppbv

RT: 3.755 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

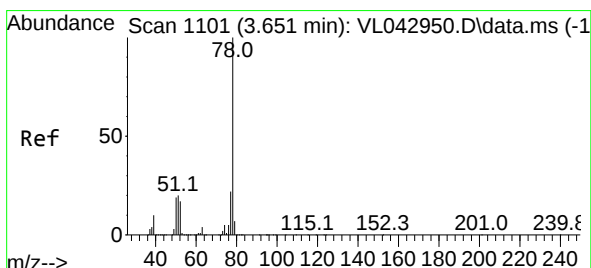
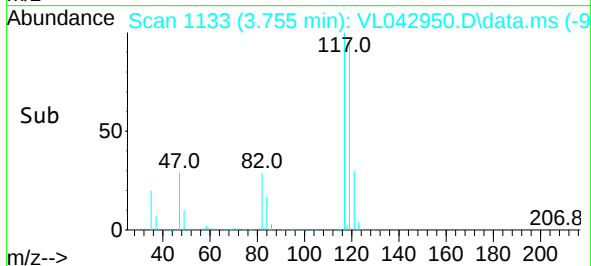
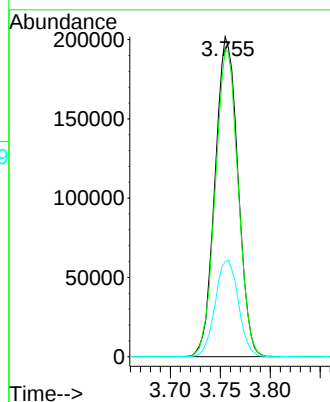
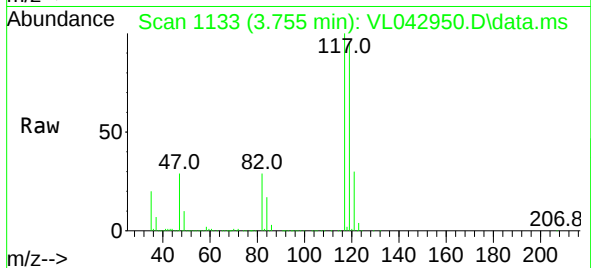
VSTDICCC010

Tgt Ion:117	Resp: 32126
Ion Ratio	Lower Upper
117 100	
119 96.1	76.9 115.3
121 29.6	23.7 35.5

Manual Integrations

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



#36

Benzene

Concen: 9.561 ppbv

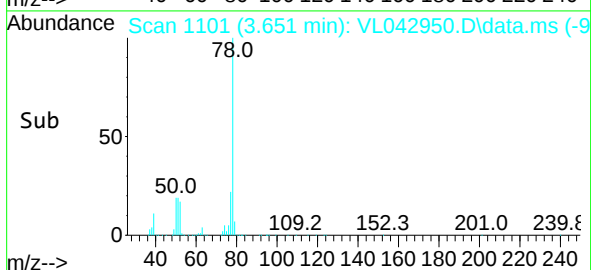
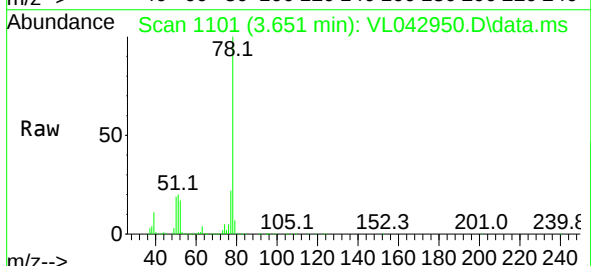
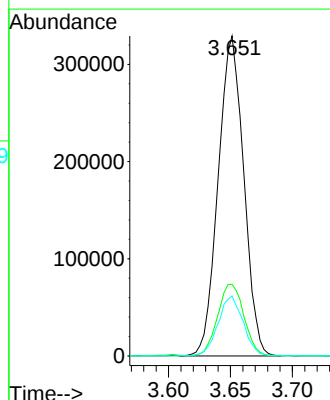
RT: 3.651 min Scan# 1101

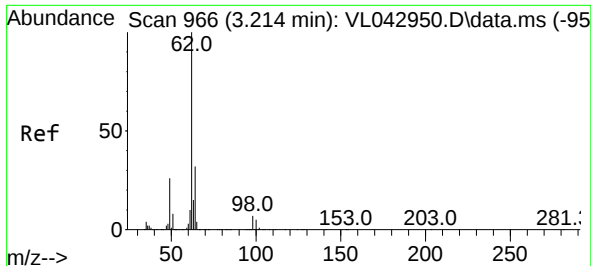
Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

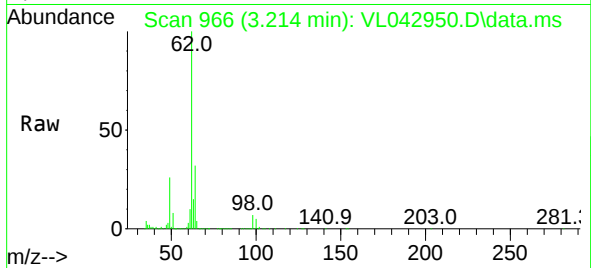
Tgt Ion: 78	Resp: 472855
Ion Ratio	Lower Upper
78 100	
77 22.2	17.8 26.6
50 18.7	15.0 22.4





#37
1,2-Dichloroethane
Concen: 9.525 ppbv
RT: 3.214 min Scan# 966
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

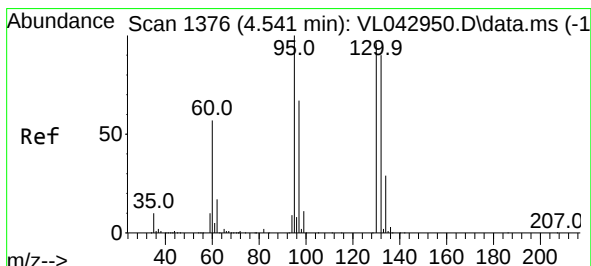
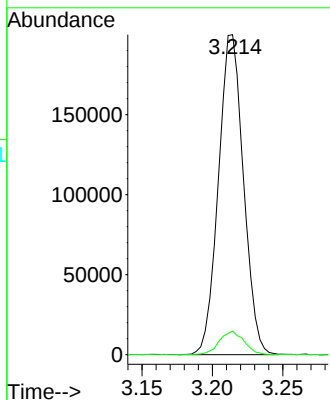
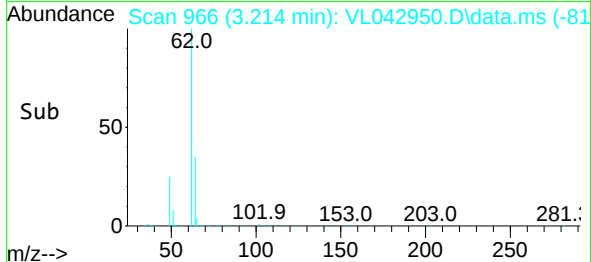
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 247754
Ion Ratio Lower Upper
62 100
98 7.4 5.9 8.9

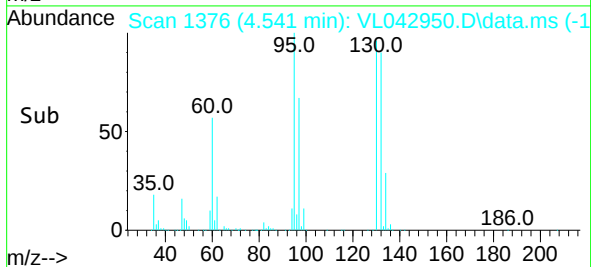
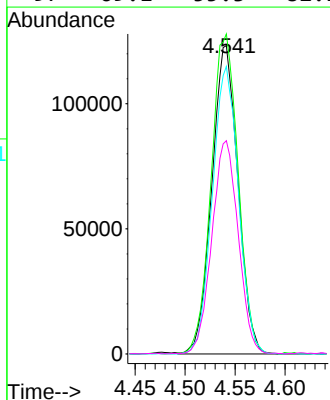
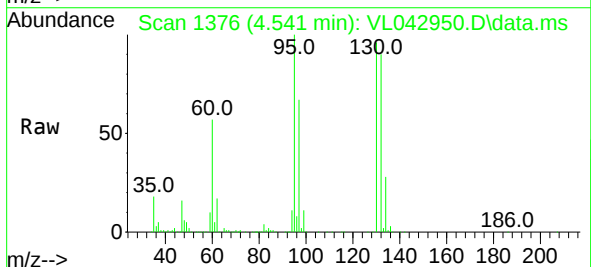
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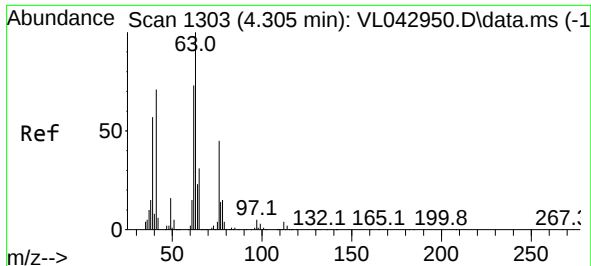
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#38
Trichloroethene
Concen: 9.134 ppbv
RT: 4.541 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Tgt Ion:130 Resp: 224516
Ion Ratio Lower Upper
130 100
95 103.7 83.0 124.4
132 93.3 74.6 112.0
97 69.1 55.3 82.9





#39

1,2-Dichloropropane

Concen: 9.523 ppbv

RT: 4.305 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 63 Resp: 172059

Ion Ratio Lower Upper

63 100

41 71.9 57.5 86.3

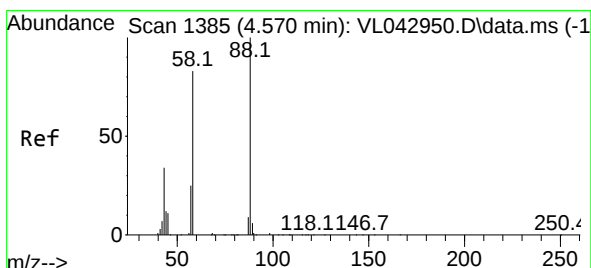
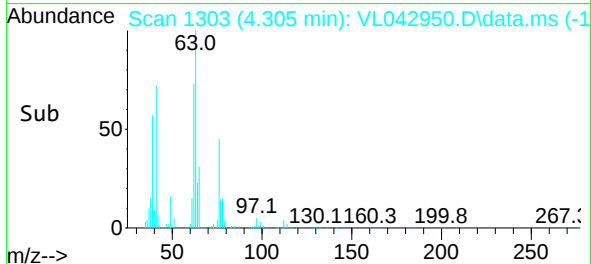
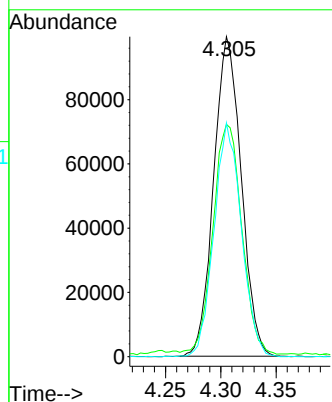
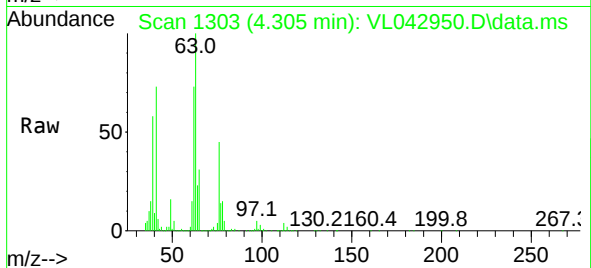
62 73.1 58.5 87.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#40

1,4-Dioxane

Concen: 9.283 ppbv

RT: 4.570 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Tgt Ion: 88 Resp: 77889

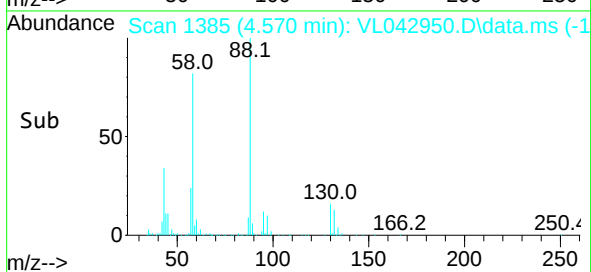
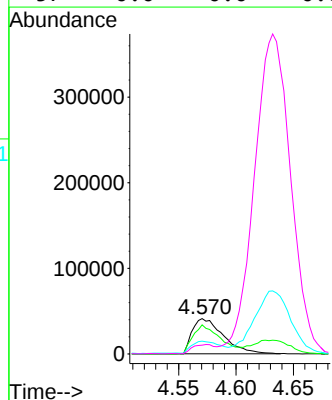
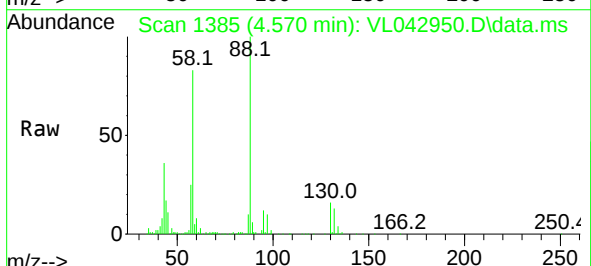
Ion Ratio Lower Upper

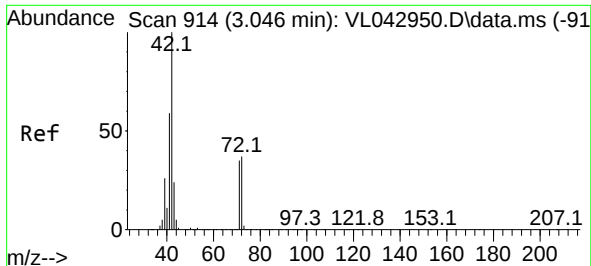
88 100

58 74.6 59.7 89.5

43 36.1 28.9 43.3

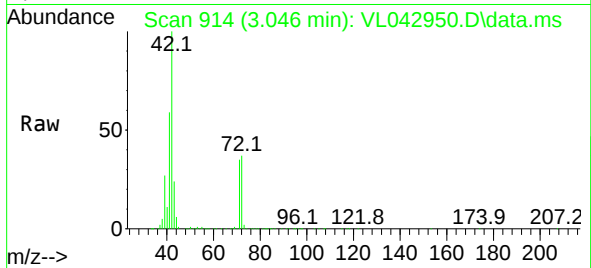
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.649 ppbv
RT: 3.046 min Scan# 914
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

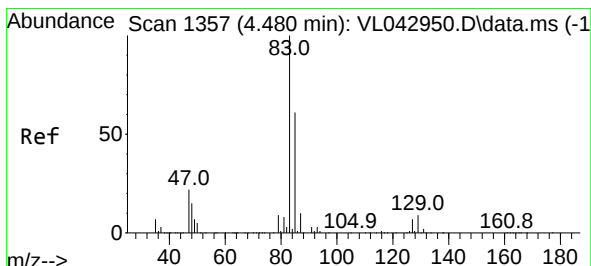
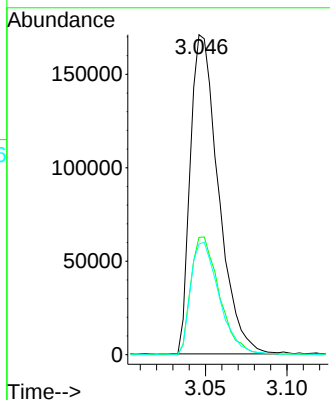
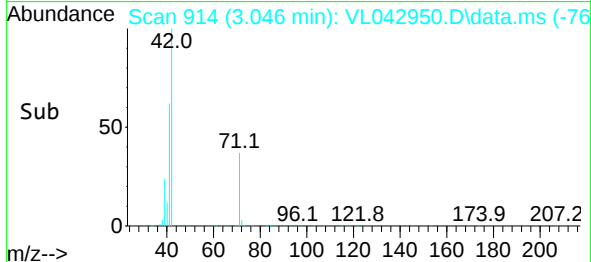
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 204724
Ion Ratio Lower Upper
42 100
72 37.5 30.0 45.0
71 36.0 28.8 43.2

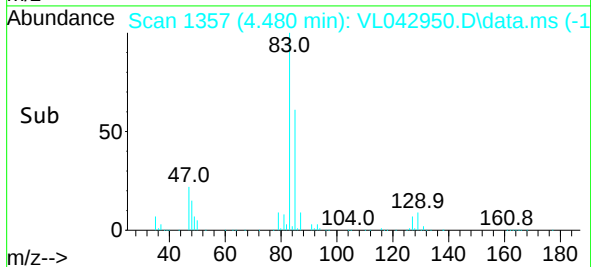
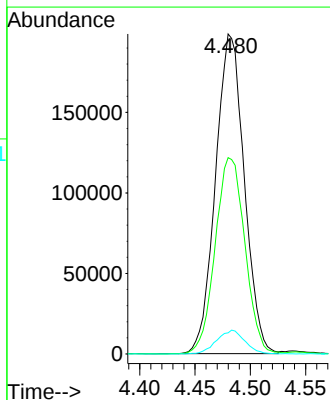
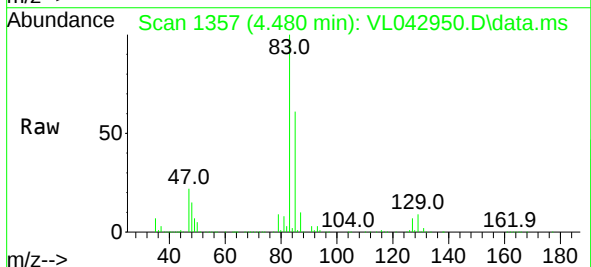
Manual Integrations
APPROVED

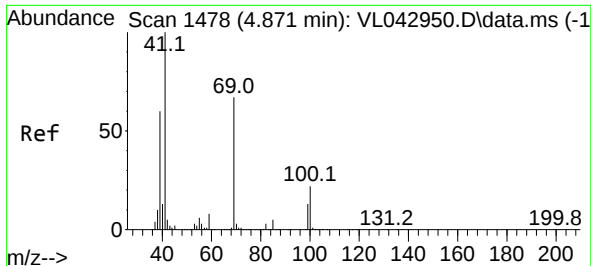
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#42
Bromodichloromethane
Concen: 9.903 ppbv
RT: 4.480 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

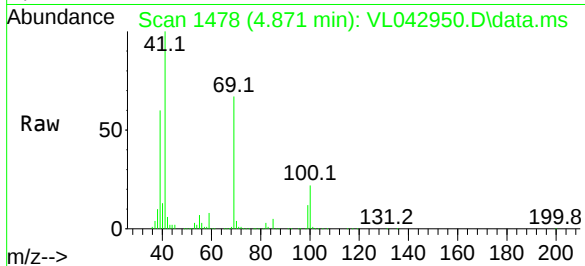
Tgt Ion: 83 Resp: 358858
Ion Ratio Lower Upper
83 100
85 61.3 49.0 73.6
127 6.6 5.3 7.9





#43
Methyl Methacrylate
Concen: 9.646 ppbv
RT: 4.871 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

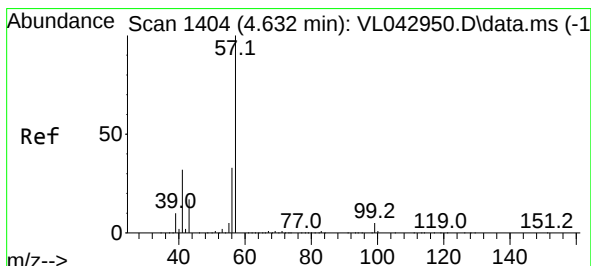
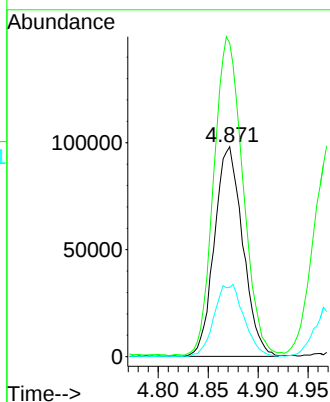
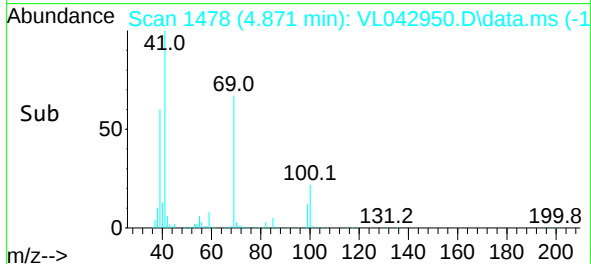
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



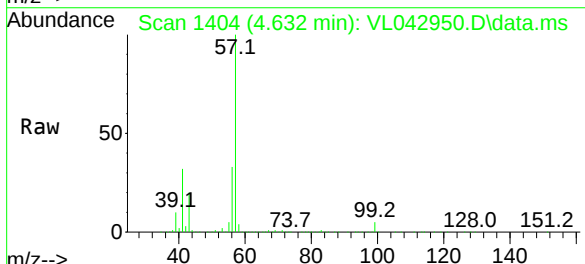
Tgt Ion: 69 Resp: 193670
Ion Ratio Lower Upper
69 100
41 155.6 124.5 186.7
100 36.3 29.0 43.6

Manual Integrations
APPROVED

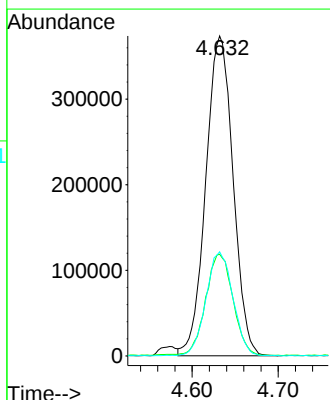
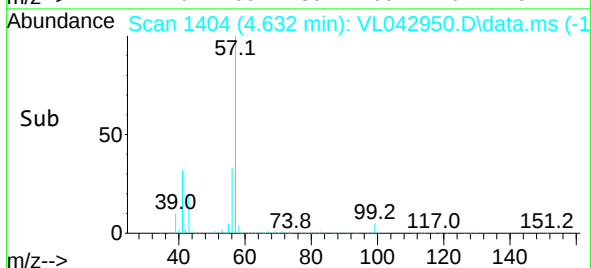
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

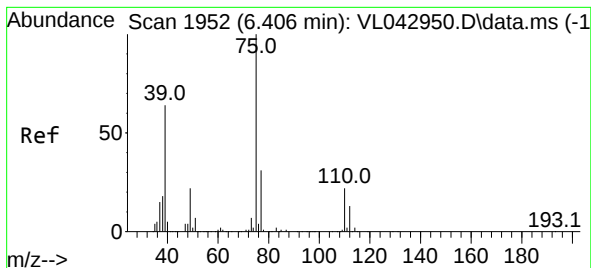


#44
2,2,4-Trimethylpentane
Concen: 9.631 ppbv
RT: 4.632 min Scan# 1404
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



Tgt Ion: 57 Resp: 823031
Ion Ratio Lower Upper
57 100
41 31.9 25.5 38.3
56 32.3 25.8 38.8





#45

t-1,3-Dichloropropene

Concen: 9.969 ppbv

RT: 6.406 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 75 Resp: 21523

Ion Ratio Lower Upper

75 100

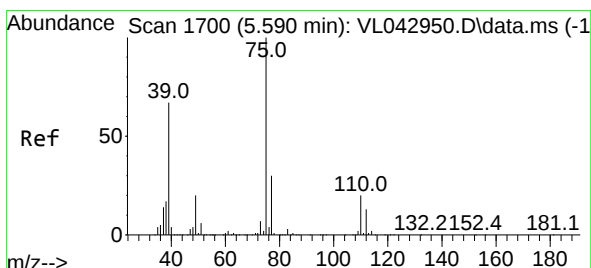
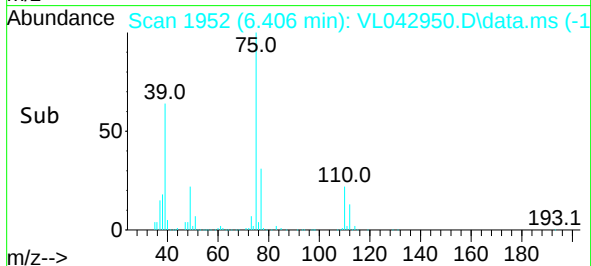
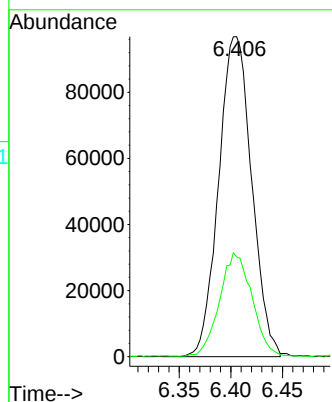
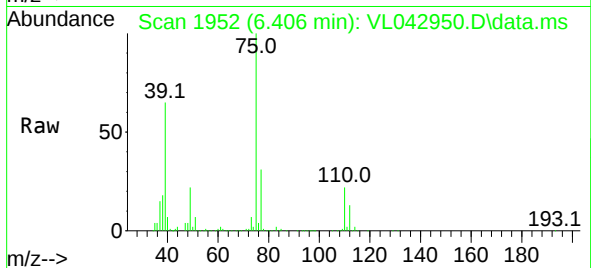
77 31.2 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#46

cis-1,3-Dichloropropene

Concen: 10.006 ppbv

RT: 5.590 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

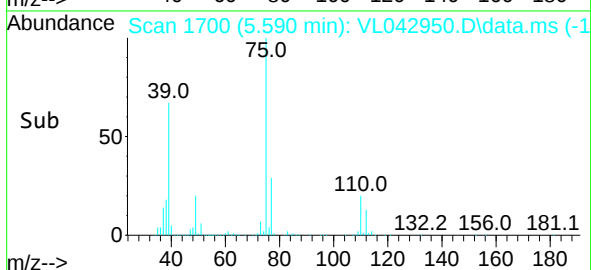
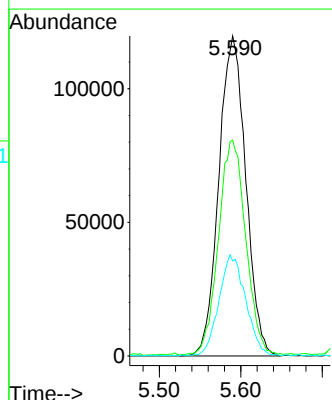
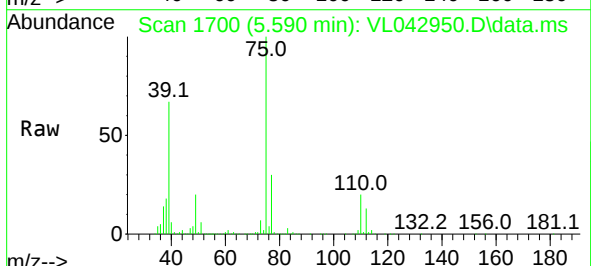
Tgt Ion: 75 Resp: 275210

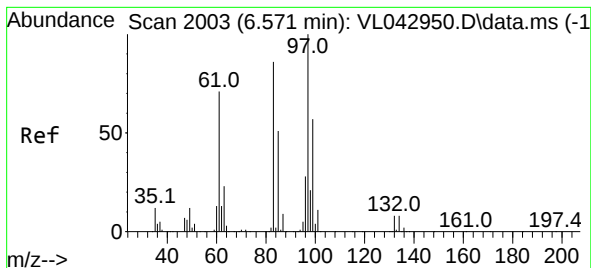
Ion Ratio Lower Upper

75 100

39 67.2 53.8 80.6

77 29.5 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 9.498 ppbv

RT: 6.571 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 181329

Ion Ratio Lower Upper

97 100

83 85.9 68.7 103.1

85 50.7 40.6 60.8

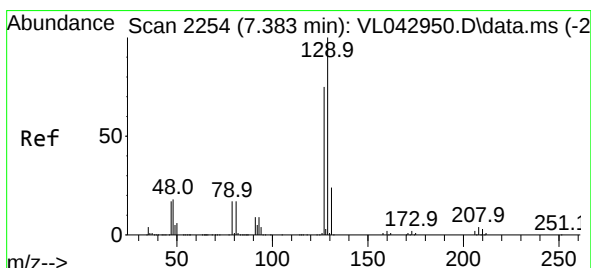
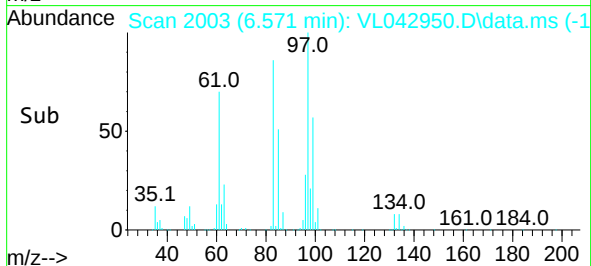
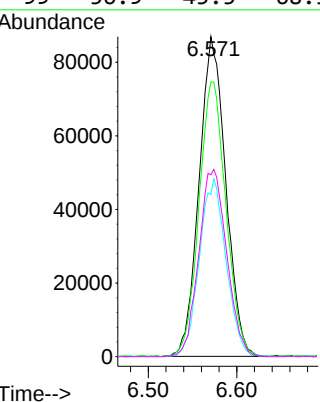
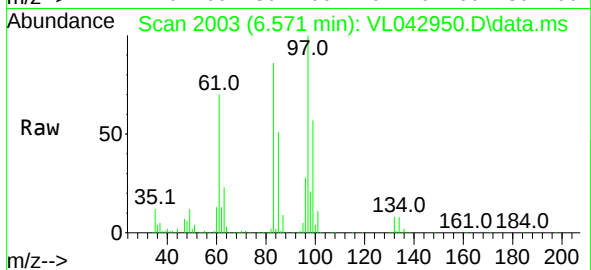
99 56.9 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#48

Dibromochloromethane

Concen: 9.845 ppbv

RT: 7.383 min Scan# 2254

Delta R.T. 0.000 min

Lab File: VL042950.D

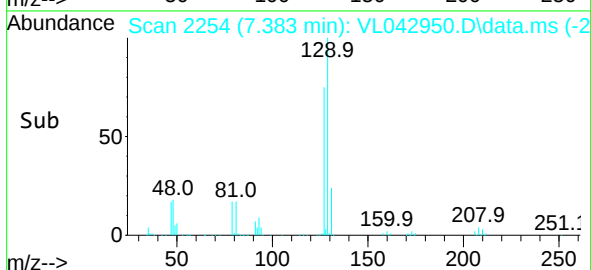
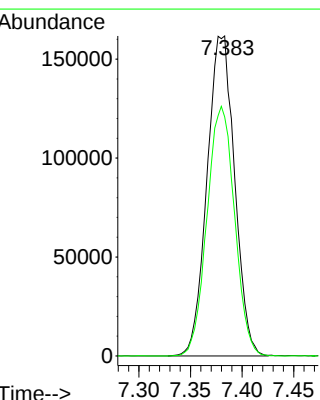
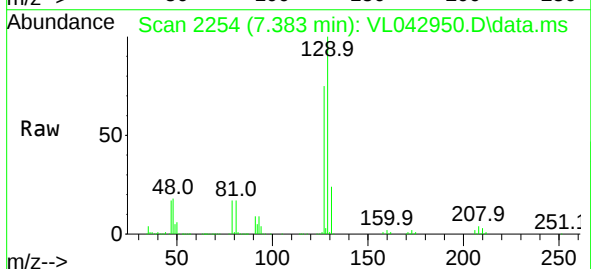
Acq: 22 Sep 2025 09:39

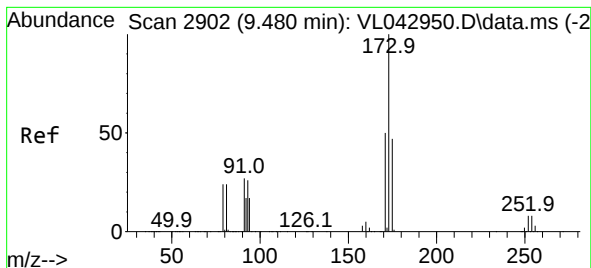
Tgt Ion:129 Resp: 300497

Ion Ratio Lower Upper

129 100

127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.087 ppbv

RT: 9.480 min Scan# 2902

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

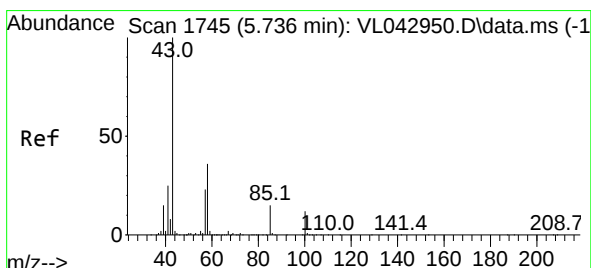
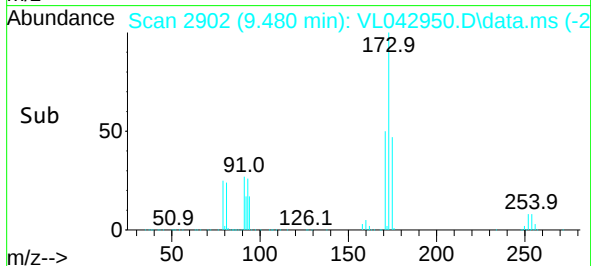
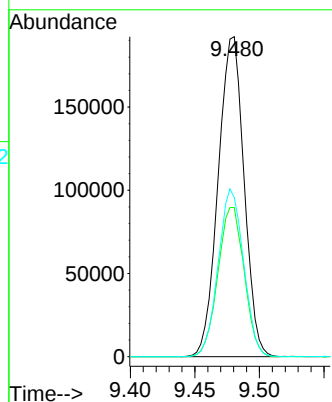
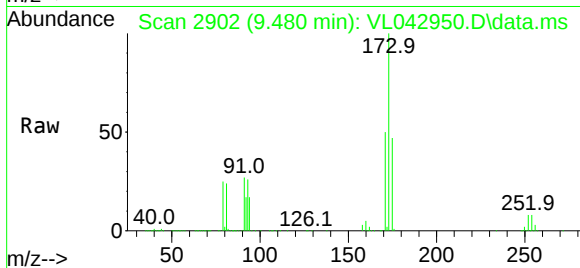
Tgt Ion:173 Resp: 267814

Ion	Ratio	Lower	Upper
173	100		
175	47.4	37.9	56.9
171	51.4	41.1	61.7

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 9.920 ppbv

RT: 5.736 min Scan# 1745

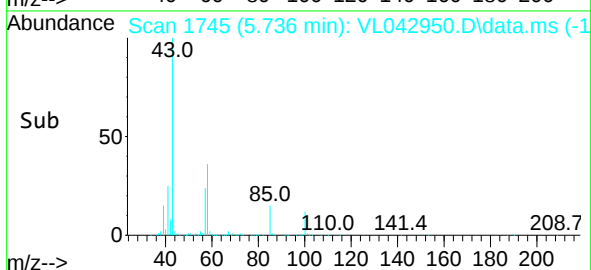
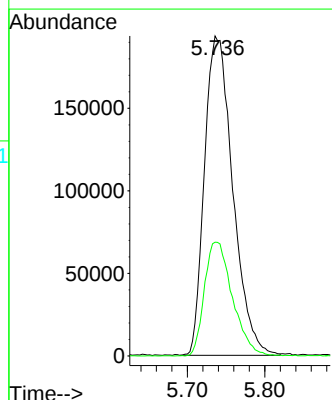
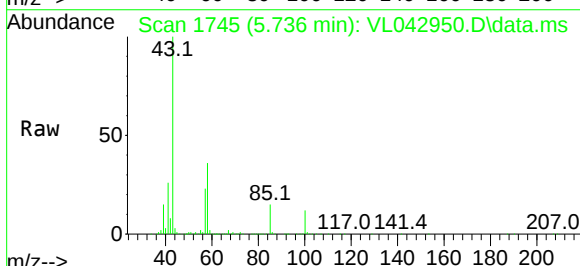
Delta R.T. 0.000 min

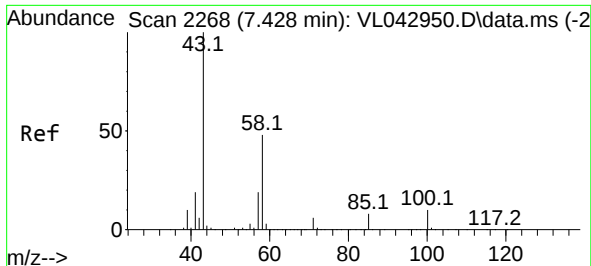
Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Tgt Ion: 43 Resp: 492068

Ion	Ratio	Lower	Upper
43	100		
58	35.5	28.4	42.6





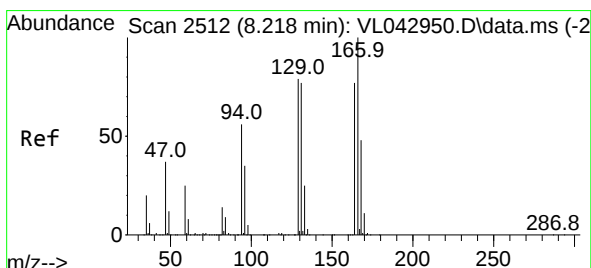
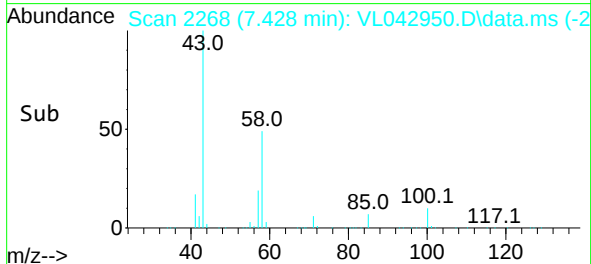
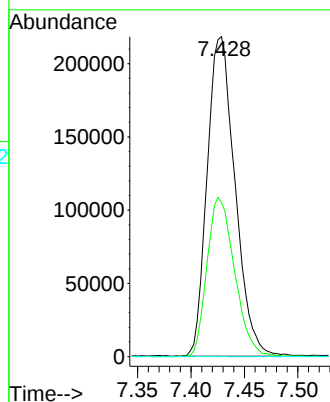
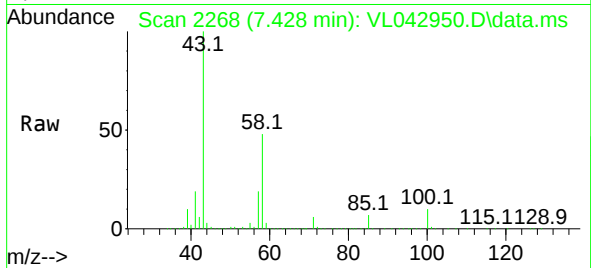
#51
2-Hexanone
Concen: 10.036 ppbv
RT: 7.428 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 395744
Ion Ratio Lower Upper
43 100
58 49.6 39.7 59.5
98 0.1 0.1 0.1

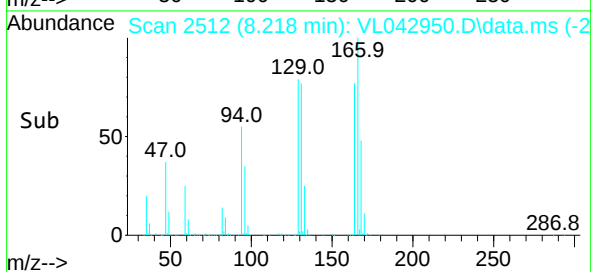
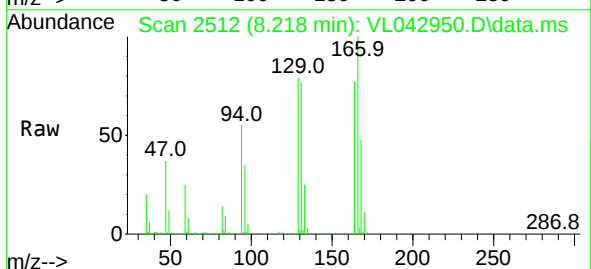
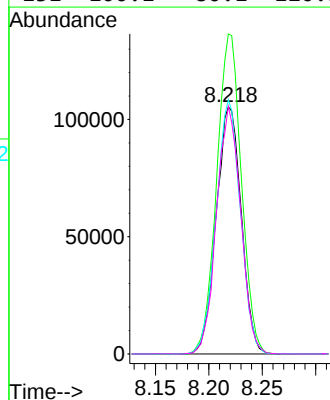
Manual Integrations
APPROVED

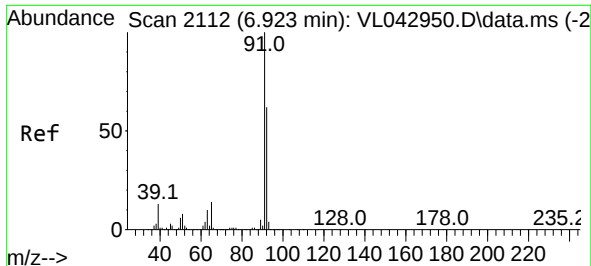
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#52
Tetrachloroethene
Concen: 8.951 ppbv
RT: 8.218 min Scan# 2512
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

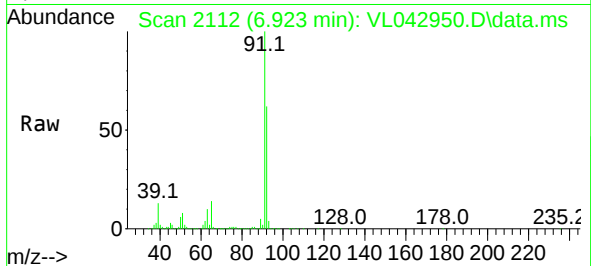
Tgt Ion:164 Resp: 171294
Ion Ratio Lower Upper
164 100
166 129.4 103.5 155.3
129 102.8 82.2 123.4
131 100.1 80.1 120.1





#53
Toluene
Concen: 9.699 ppbv
RT: 6.923 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

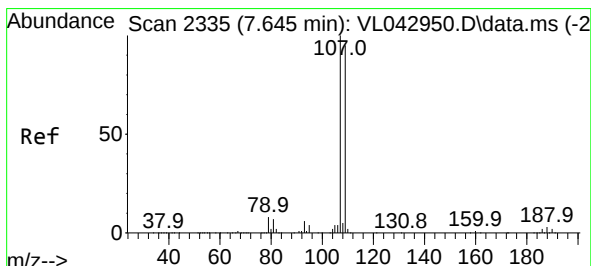
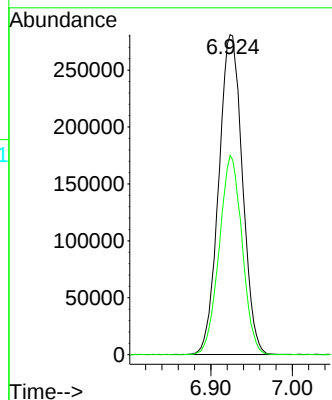
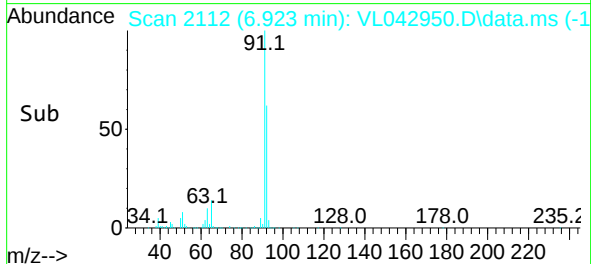
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



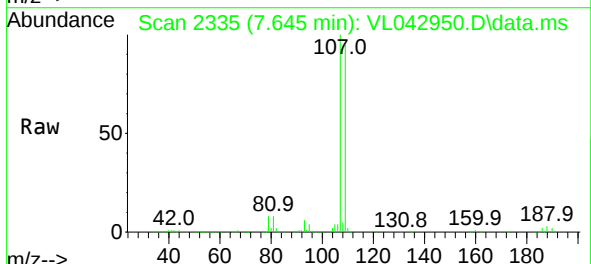
Tgt Ion: 91 Resp: 567779
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.2

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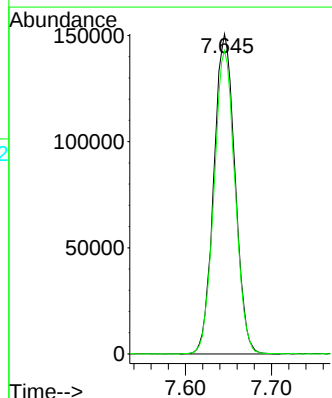
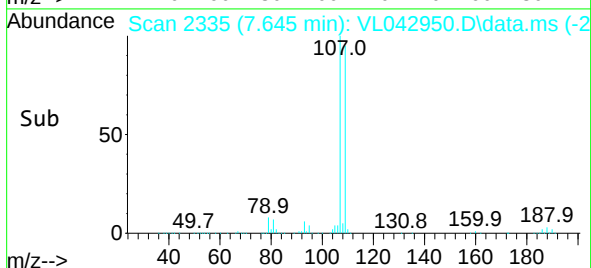
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

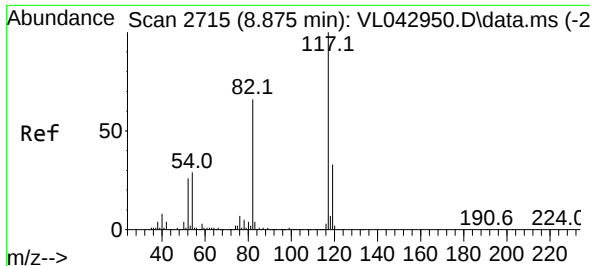


#54
1,2-Dibromoethane
Concen: 9.605 ppbv
RT: 7.645 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



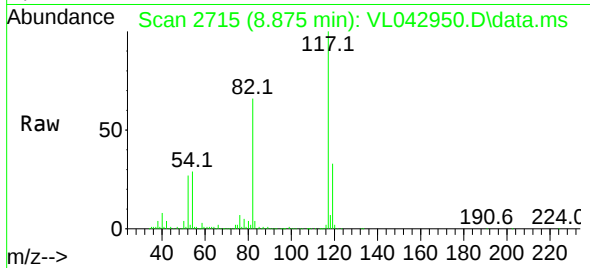
Tgt Ion:107 Resp: 257904
Ion Ratio Lower Upper
107 100
109 94.8 75.8 113.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.875 min Scan# 2715
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

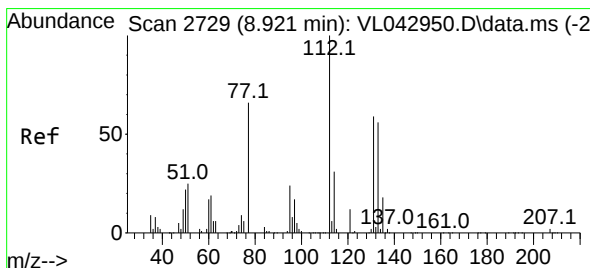
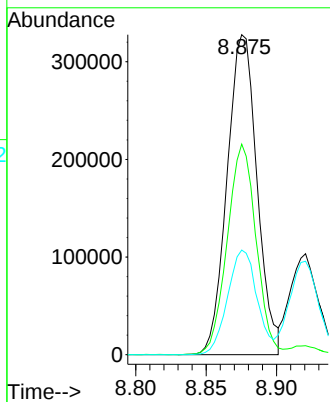
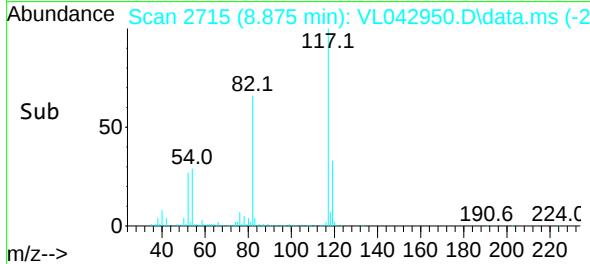
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



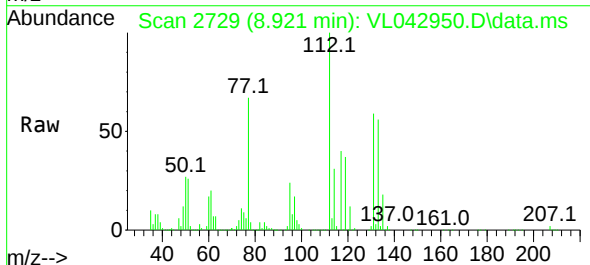
Tgt Ion:117 Resp: 486724
Ion Ratio Lower Upper
117 100
82 66.0 52.8 79.2
119 33.1 26.5 39.7

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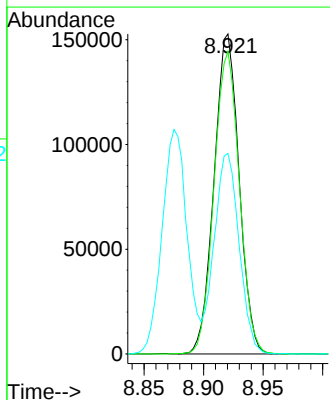
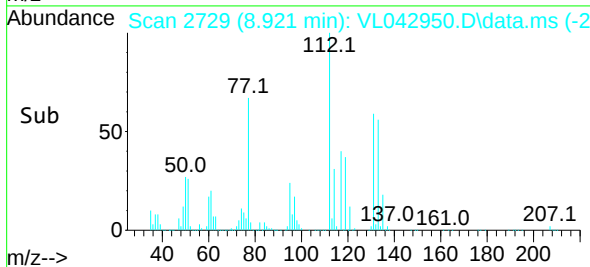
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

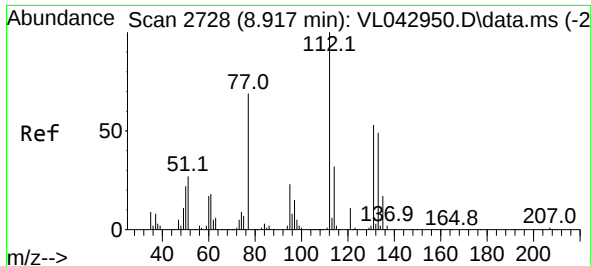


#56
1,1,1,2-Tetrachloroethane
Concen: 9.575 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



Tgt Ion:131 Resp: 223066
Ion Ratio Lower Upper
131 100
133 95.7 76.6 114.8
119 62.4 49.9 74.9





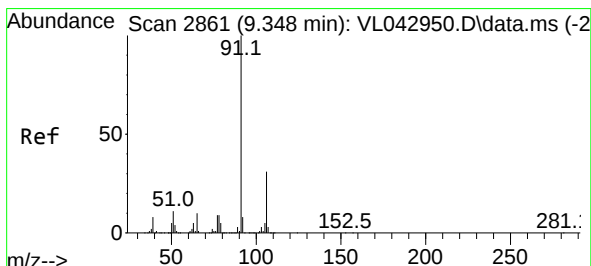
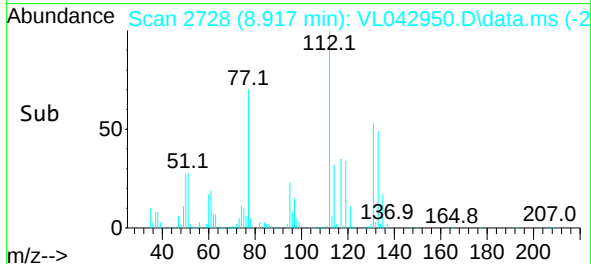
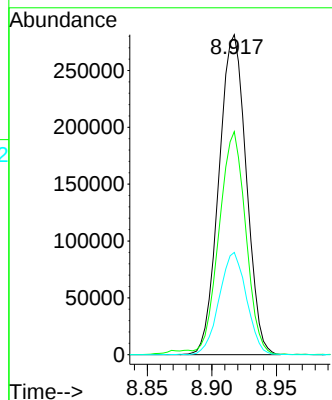
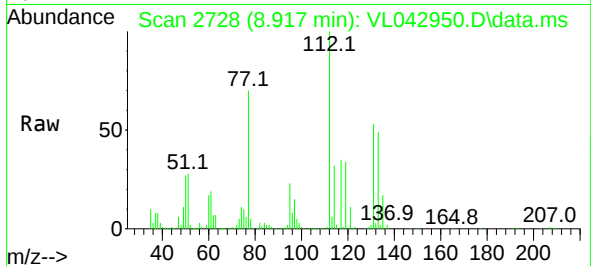
#57
Chlorobenzene
Concen: 9.345 ppbv
RT: 8.917 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 112 Resp: 415238
Ion Ratio Lower Upper
112 100
77 69.6 55.7 83.5
114 31.8 28.6 35.0

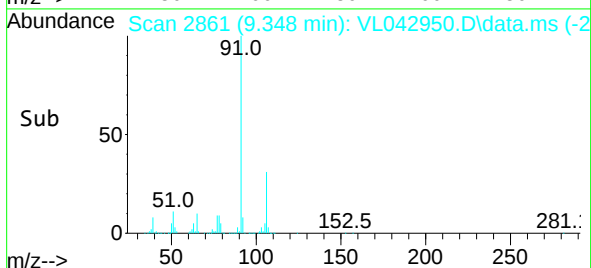
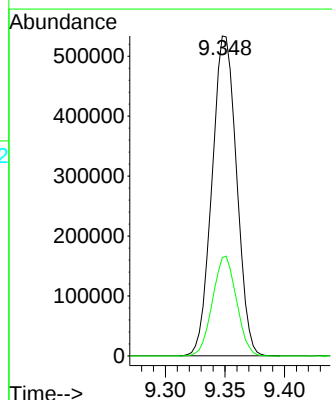
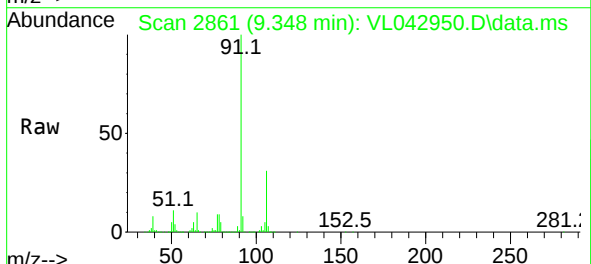
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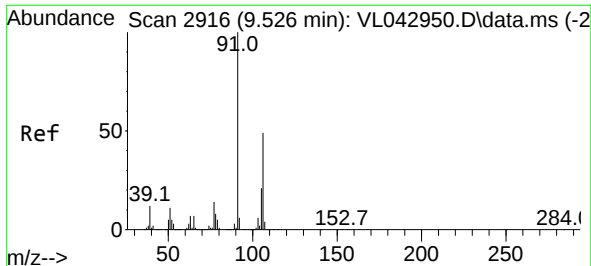
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#58
Ethyl Benzene
Concen: 9.562 ppbv
RT: 9.348 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Tgt Ion: 91 Resp: 764249
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0





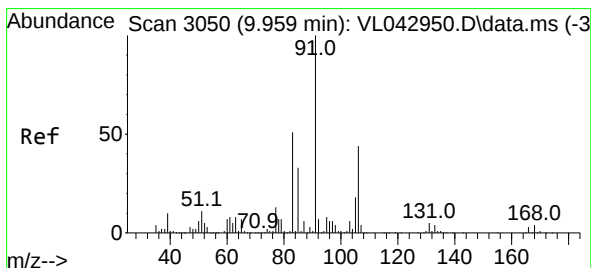
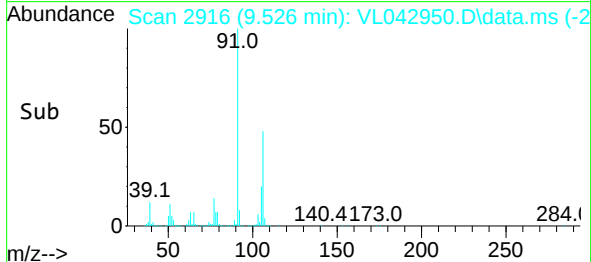
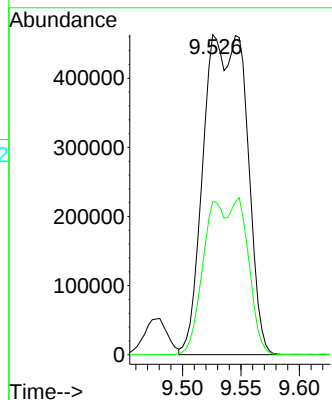
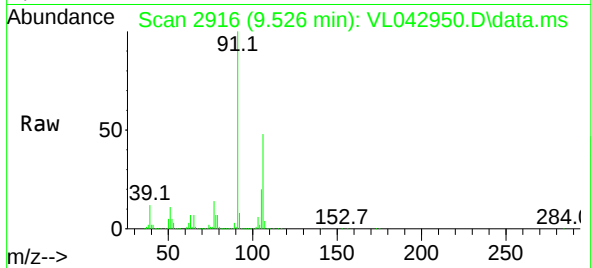
#59
m/p-Xylene
Concen: 18.913 ppbv m
RT: 9.526 min Scan# 2916
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 119256
Ion Ratio Lower Upper
91 100
106 0.0 0.0 0.0

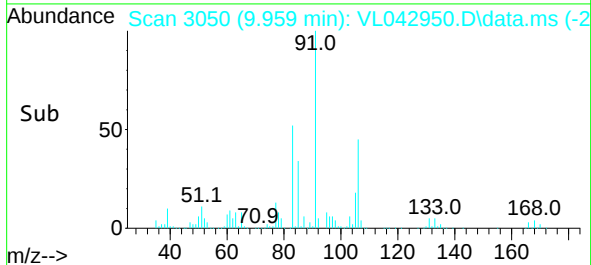
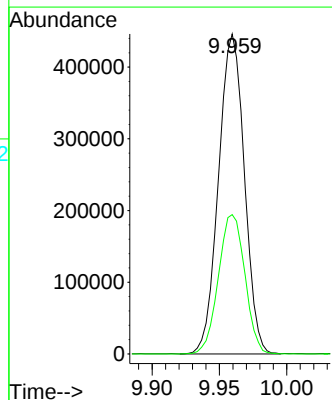
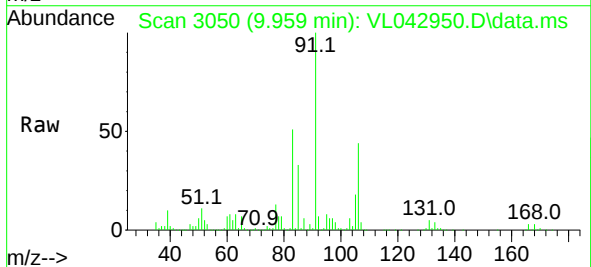
Manual Integrations
APPROVED

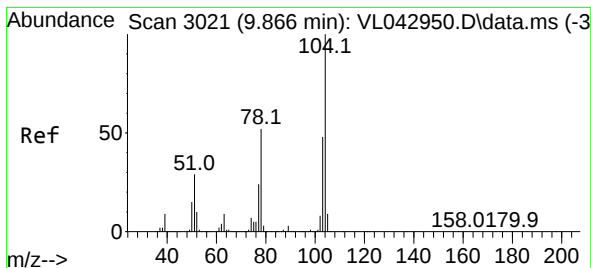
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025



#60
o-Xylene
Concen: 9.437 ppbv
RT: 9.959 min Scan# 3050
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

Tgt Ion: 91 Resp: 594329
Ion Ratio Lower Upper
91 100
106 44.7 22.4 67.0





#61

Styrene

Concen: 9.840 ppbv

RT: 9.866 min Scan# 3021

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

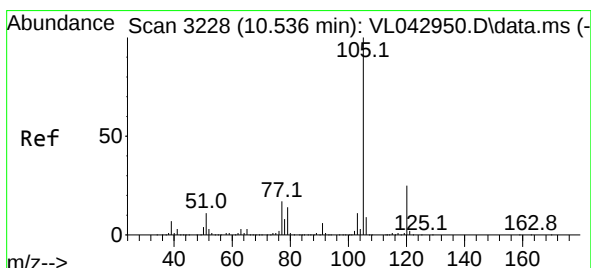
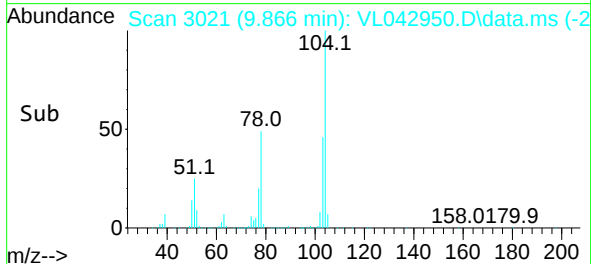
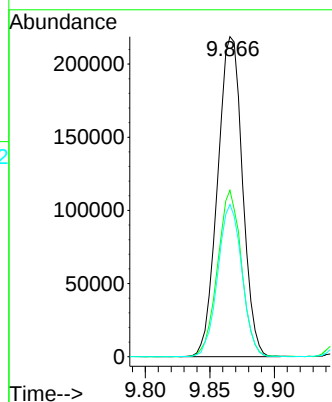
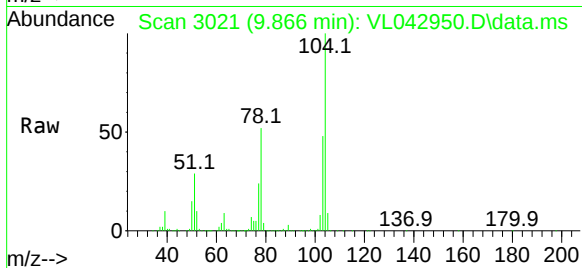
VSTDICCC010

Tgt Ion:104 Resp: 29311
 Ion Ratio Lower Upper
 104 100
 78 49.9 39.9 59.9
 103 46.1 36.9 55.3

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 9.347 ppbv

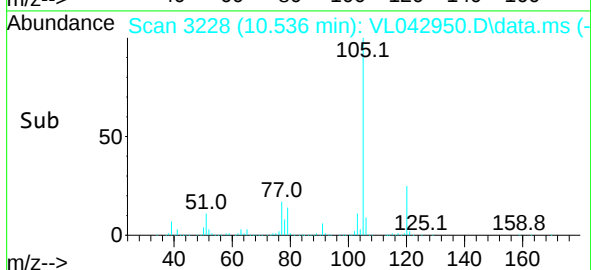
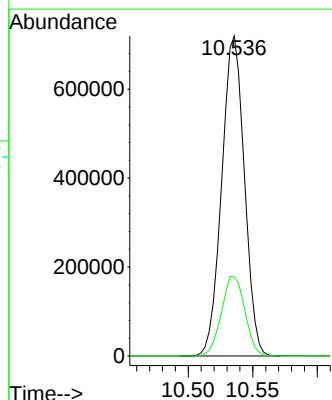
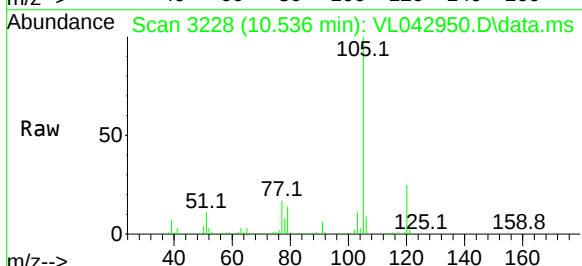
RT: 10.536 min Scan# 3228

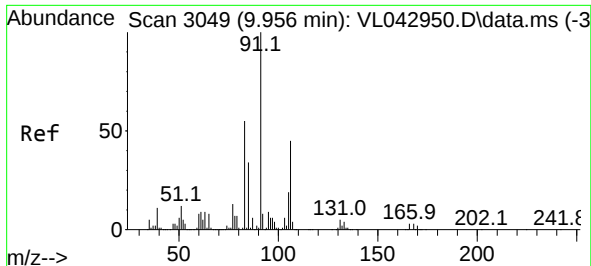
Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

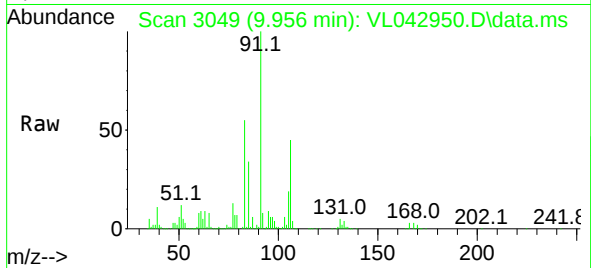
Tgt Ion:105 Resp: 877401
 Ion Ratio Lower Upper
 105 100
 120 25.7 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.963 ppbv
RT: 9.956 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

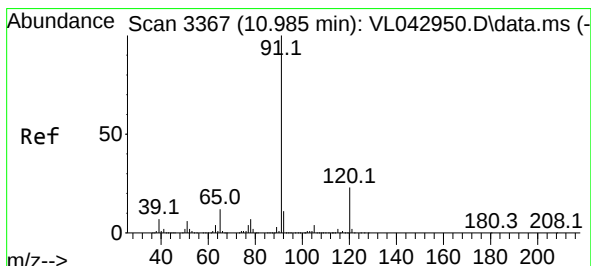
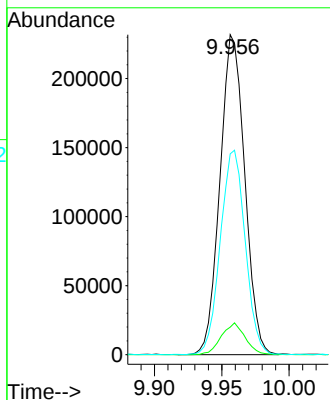
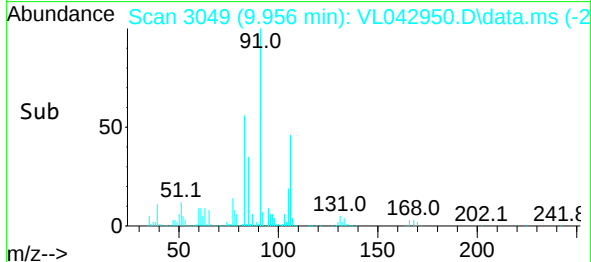
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



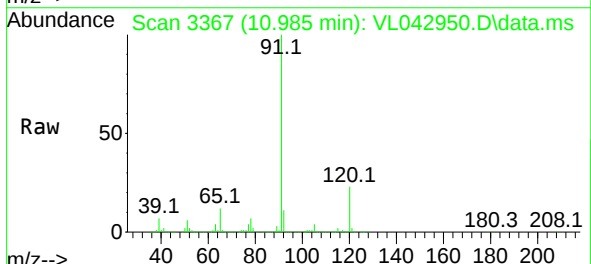
Tgt Ion: 83 Resp: 296678
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 64.4 32.2 96.6

Manual Integrations
APPROVED

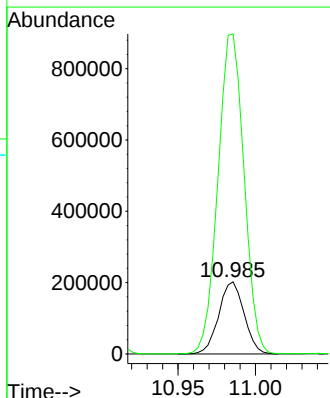
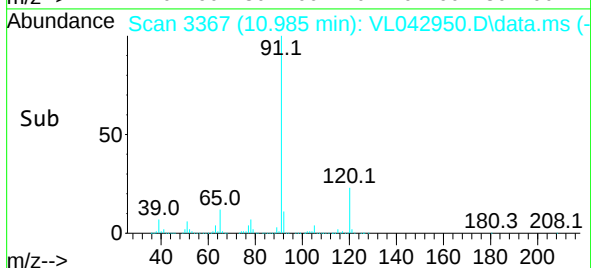
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

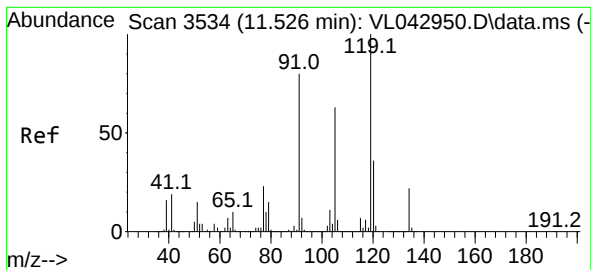


#64
n-propylbenzene
Concen: 9.394 ppbv
RT: 10.985 min Scan# 3367
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



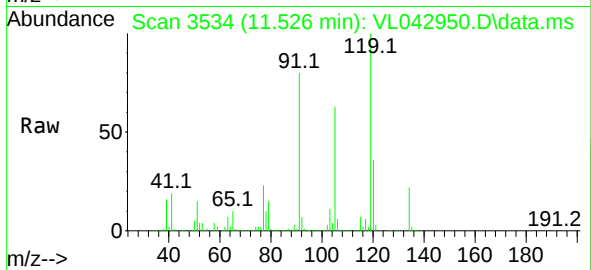
Tgt Ion:120 Resp: 230432
Ion Ratio Lower Upper
120 100
91 456.1 364.9 547.3





#65
tert-Butylbenzene
Concen: 9.078 ppbv
RT: 11.526 min Scan# 3534
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

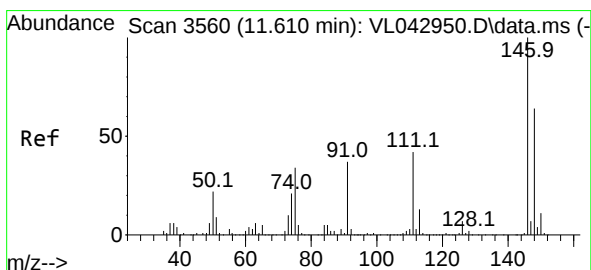
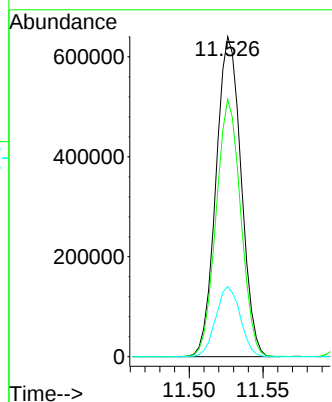
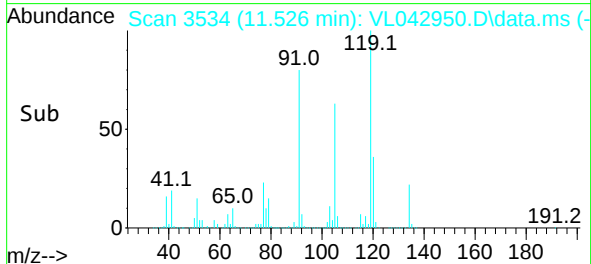
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



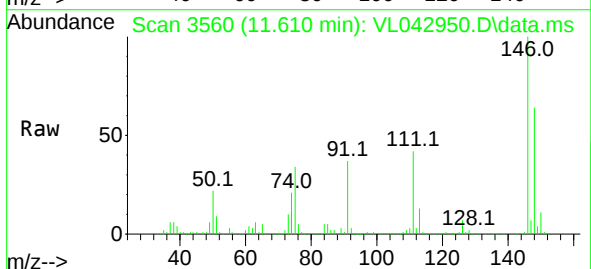
Tgt Ion: 119 Resp: 757958
Ion Ratio Lower Upper
119 100
91 78.9 63.1 94.7
134 21.3 17.0 25.6

Manual Integrations
APPROVED

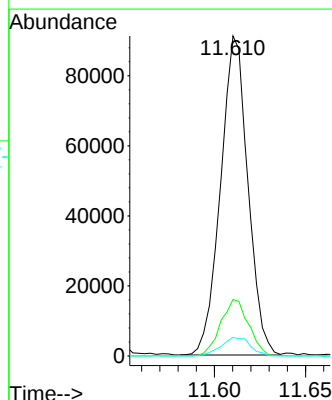
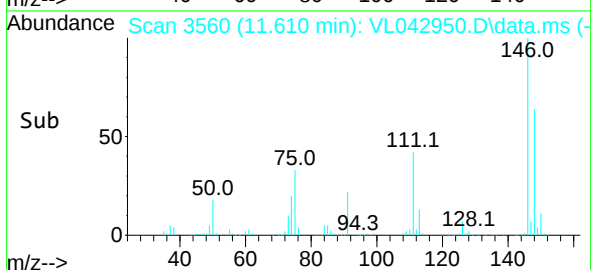
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

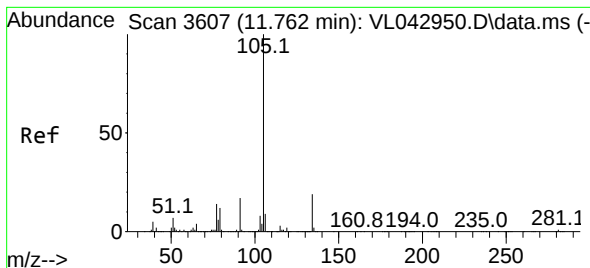


#66
Benzyl Chloride
Concen: 10.842 ppbv
RT: 11.610 min Scan# 3560
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



Tgt Ion: 91 Resp: 94982
Ion Ratio Lower Upper
91 100
126 18.2 14.6 21.8
128 6.2 5.0 7.4





#67

sec-Butylbenzene

Concen: 9.166 ppbv

RT: 11.762 min Scan# 3607

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 1066409

Ion Ratio Lower Upper

105 100

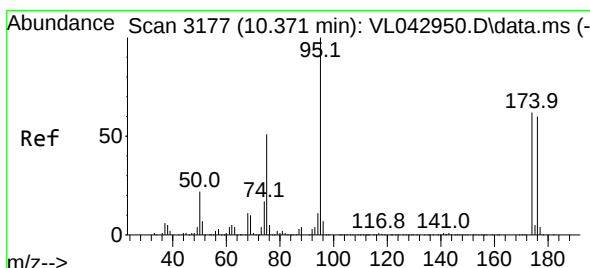
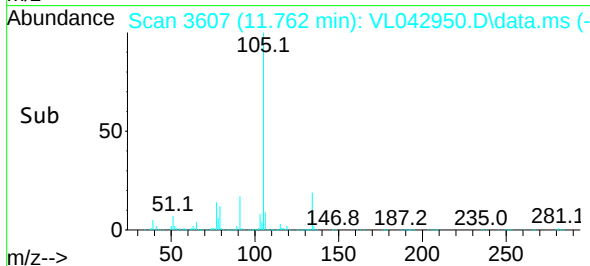
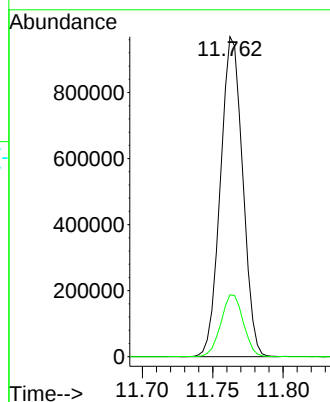
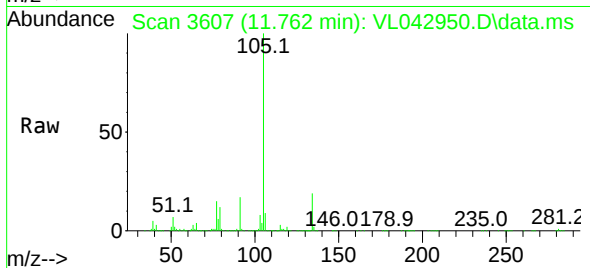
134 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#68

1-Bromo-4-Fluorobenzene

Concen: 10.217 ppbv

RT: 10.371 min Scan# 3177

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

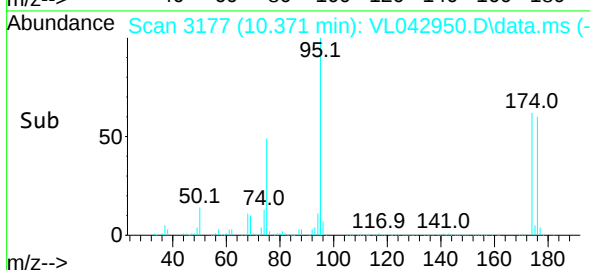
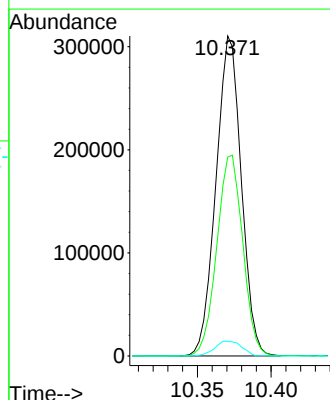
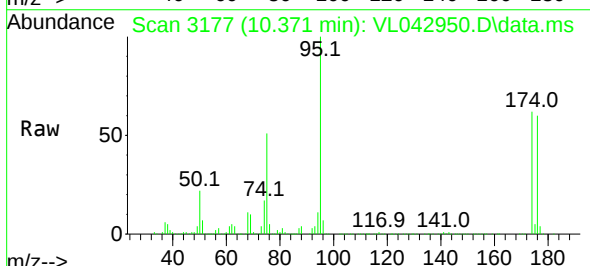
Tgt Ion: 95 Resp: 371195

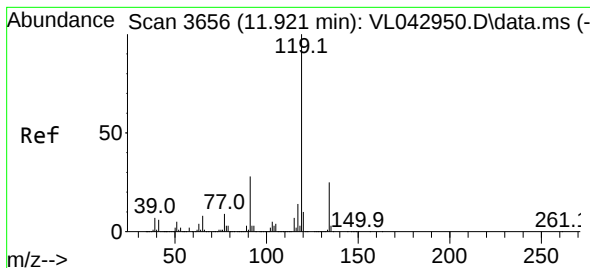
Ion Ratio Lower Upper

95 100

174 64.3 51.4 77.2

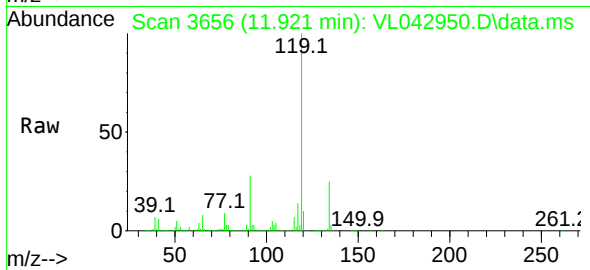
175 5.0 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.192 ppbv
RT: 11.921 min Scan# 3656
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

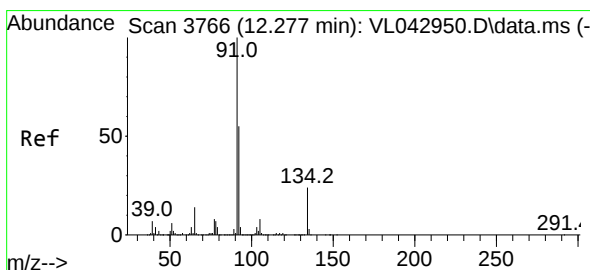
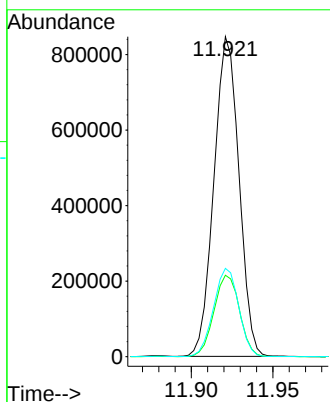
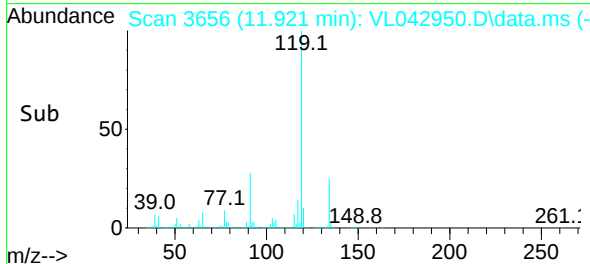
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



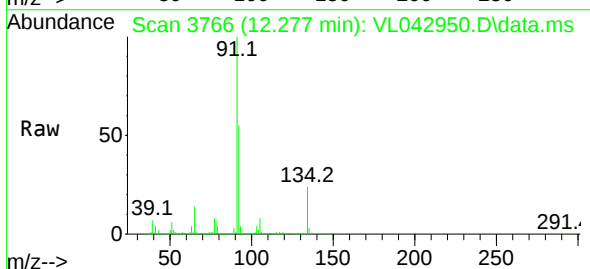
Tgt Ion: 119 Resp: 903370
Ion Ratio Lower Upper
119 100
134 26.2 21.0 31.4
91 27.9 22.3 33.5

Manual Integrations
APPROVED

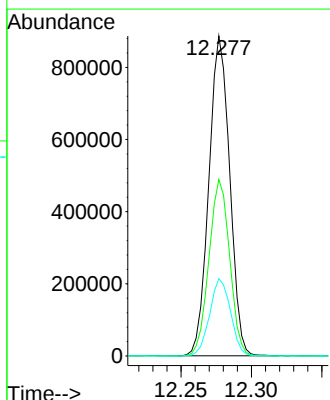
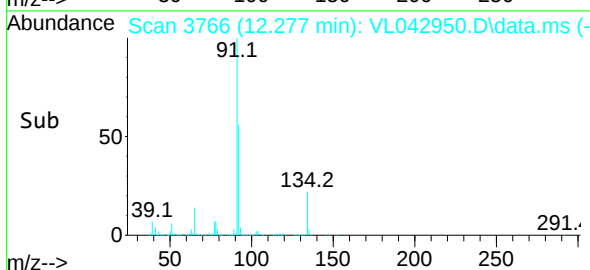
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

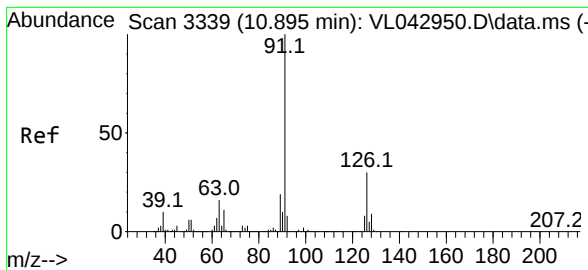


#70
n-Butylbenzene
Concen: 9.543 ppbv
RT: 12.277 min Scan# 3766
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



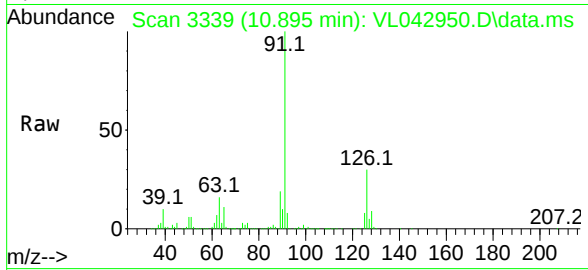
Tgt Ion: 91 Resp: 915624
Ion Ratio Lower Upper
91 100
92 55.0 44.0 66.0
134 24.3 19.4 29.2





#71
2-Chlorotoluene
Concen: 9.428 ppbv
RT: 10.895 min Scan# 3339
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

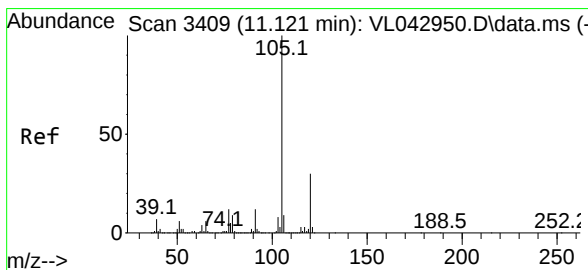
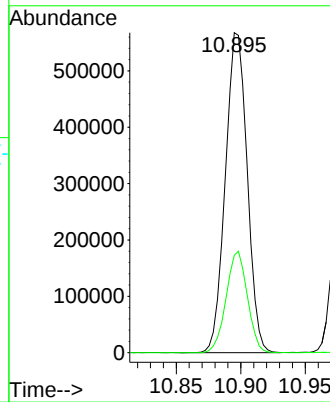
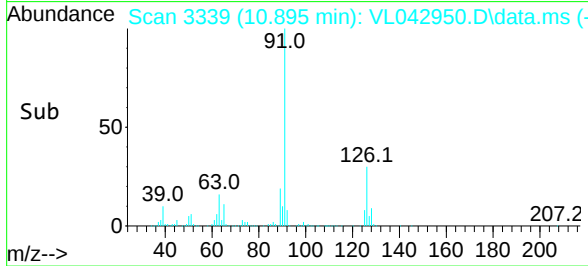
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



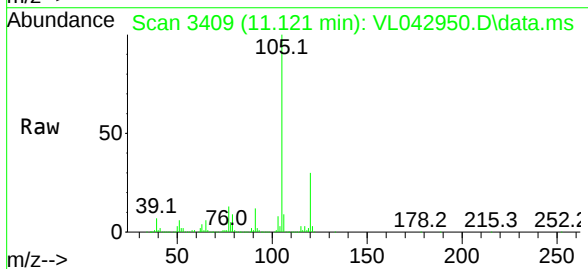
Tgt Ion: 91 Resp: 668239
Ion Ratio Lower Upper
91 100
126 30.8 12.3 49.3

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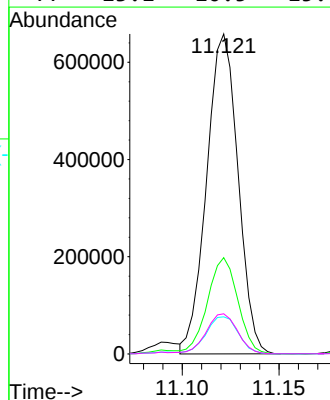
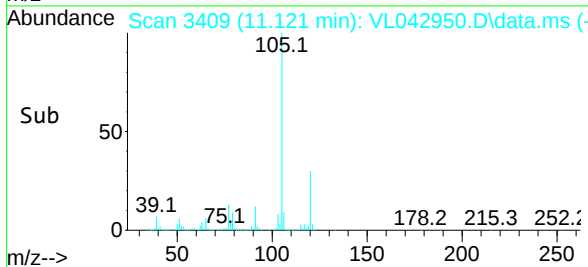
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

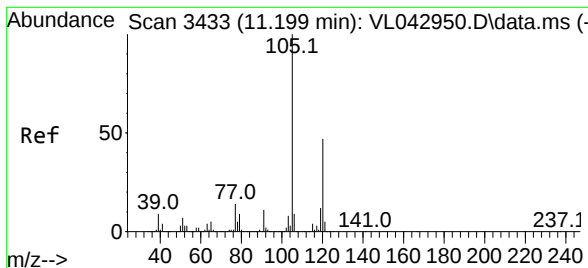


#72
4-Ethyltoluene
Concen: 9.398 ppbv
RT: 11.121 min Scan# 3409
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



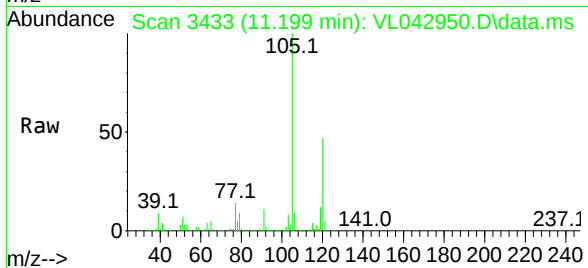
Tgt Ion:105 Resp: 741298
Ion Ratio Lower Upper
105 100
120 30.2 24.2 36.2
91 12.5 10.0 15.0
77 13.1 10.5 15.7





#73
1,3,5-Trimethylbenzene
Concen: 9.608 ppbv
RT: 11.199 min Scan# 3433
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

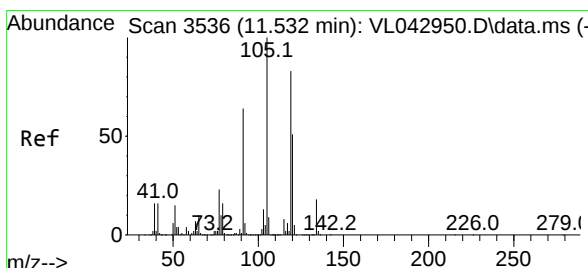
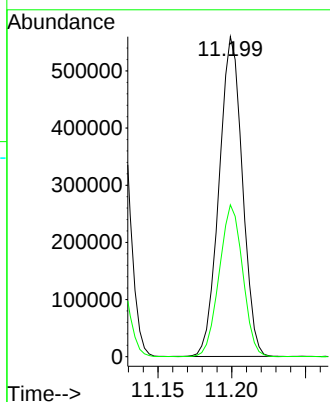
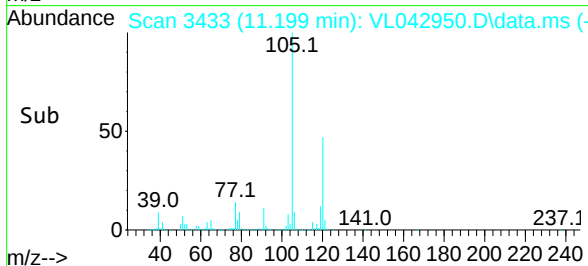
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



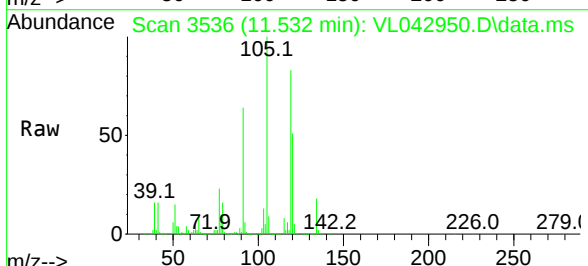
Tgt Ion:105 Resp: 614632
Ion Ratio Lower Upper
105 100
120 47.5 38.0 57.0

Manual Integrations
APPROVED

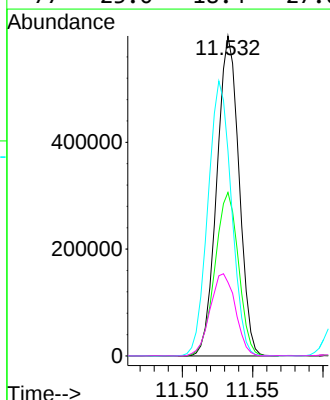
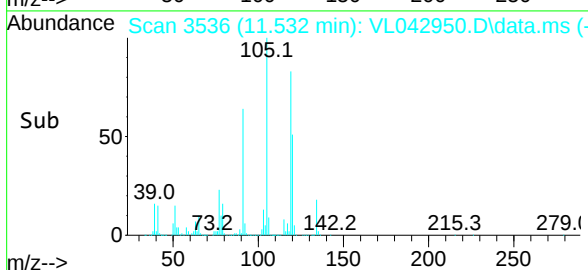
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

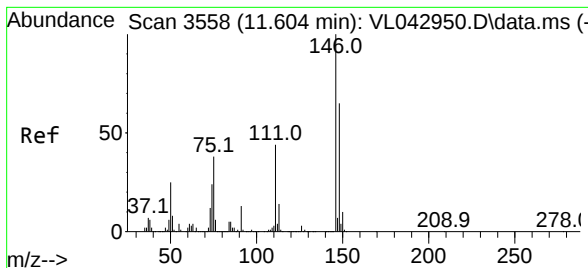


#74
1,2,4-Trimethylbenzene
Concen: 9.294 ppbv
RT: 11.532 min Scan# 3536
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



Tgt Ion:105 Resp: 656535
Ion Ratio Lower Upper
105 100
120 51.1 40.9 61.3
91 64.0 51.2 76.8
77 23.0 18.4 27.6





#75

1,3-Dichlorobenzene

Concen: 9.392 ppbv

RT: 11.604 min Scan# 3558

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 41147

Ion Ratio Lower Upper

146 100

111 44.6 22.3 66.9

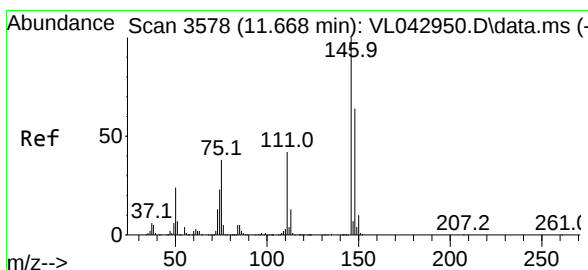
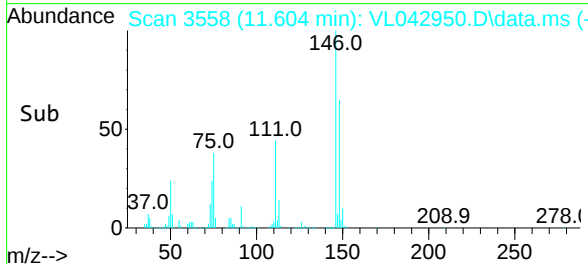
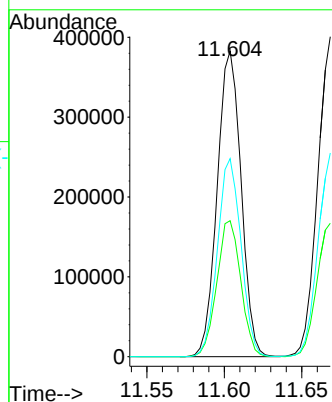
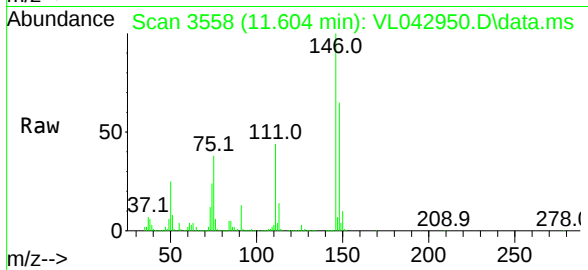
148 63.7 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/23/2025

Supervised By :Mahesh Dadoda 09/24/2025



#76

1,4-Dichlorobenzene

Concen: 9.456 ppbv

RT: 11.668 min Scan# 3578

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

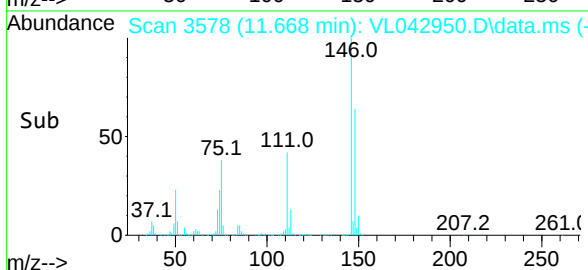
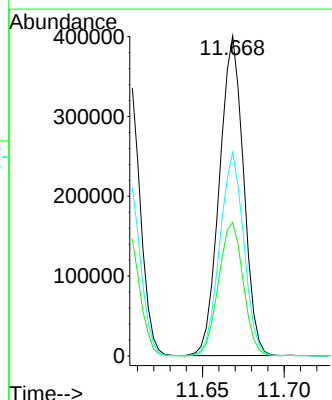
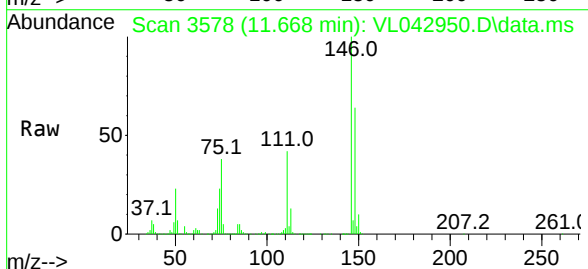
Tgt Ion:146 Resp: 411464

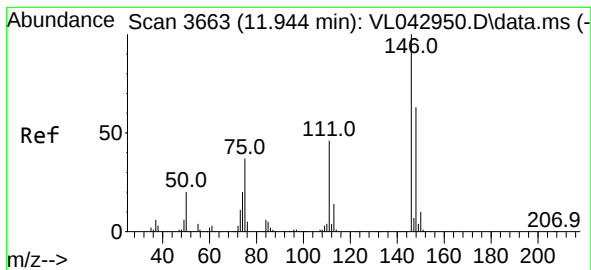
Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 63.7 31.9 95.5





#77

1,2-Dichlorobenzene

Concen: 9.289 ppbv

RT: 11.944 min Scan# 3663

Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

Instrument :

MSVOA_L

ClientSampleId :

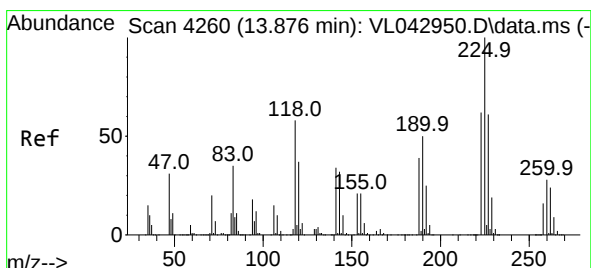
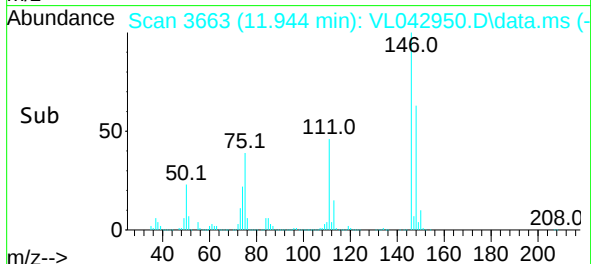
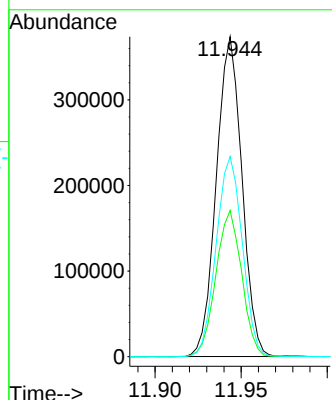
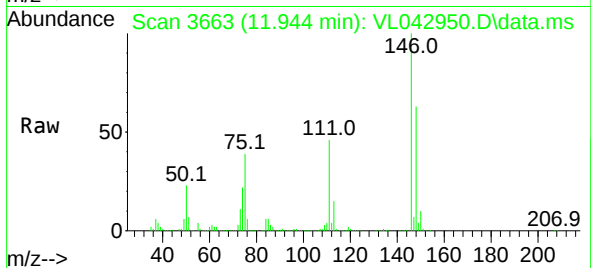
VSTDICCC010

Tgt Ion:	146	Resp:	387219
Ion Ratio	Lower	Upper	
146	100		
111	46.2	23.1	69.3
148	64.0	32.0	96.0

Manual Integrations

APPROVED

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



#78

Hexachloro-1,3-Butadiene

Concen: 8.591 ppbv

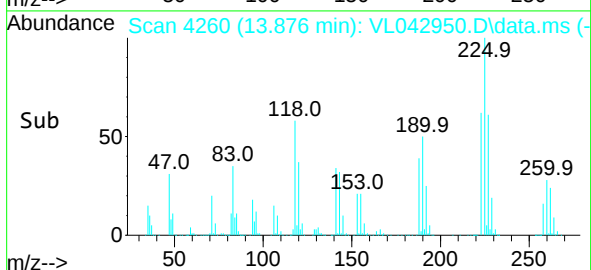
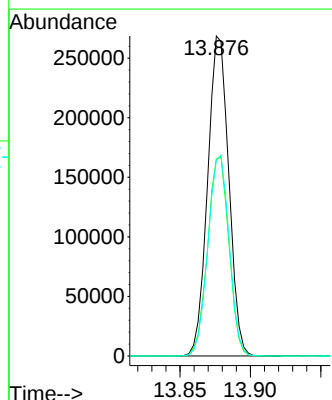
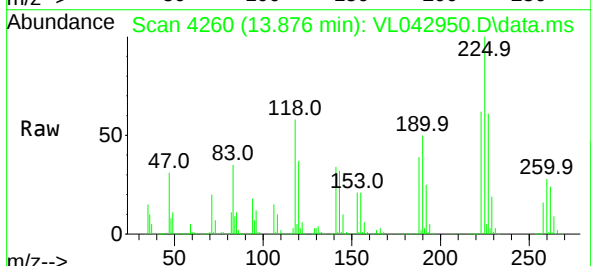
RT: 13.876 min Scan# 4260

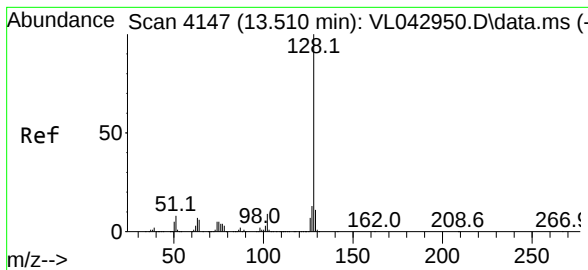
Delta R.T. 0.000 min

Lab File: VL042950.D

Acq: 22 Sep 2025 09:39

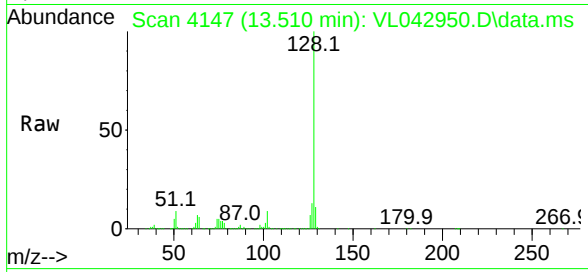
Tgt Ion:	225	Resp:	280080
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.1	75.1
227	63.0	50.4	75.6





#79
Naphthalene
Concen: 10.696 ppbv
RT: 13.510 min Scan# 4147
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39

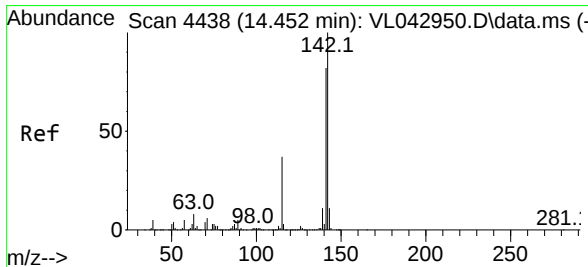
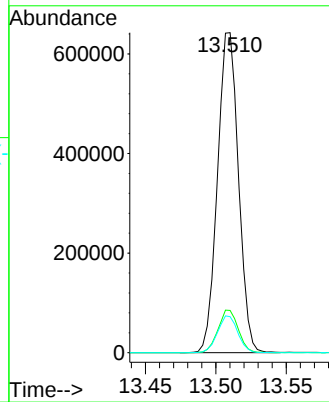
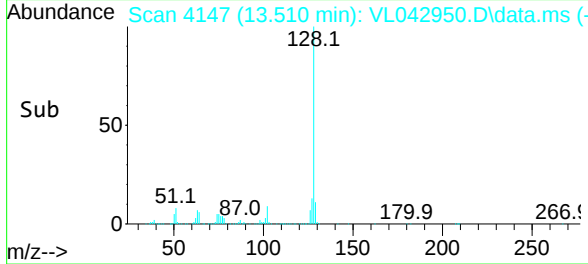
Instrument : MSVOA_L
ClientSampleId : VSTDICCC010



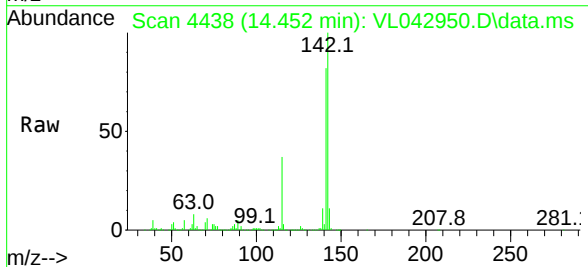
Tgt Ion:128 Resp: 66817
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.3 9.0 13.6

Manual Integrations
APPROVED

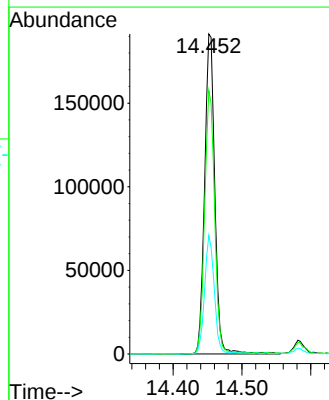
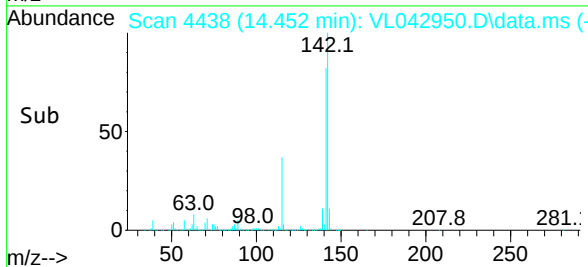
Reviewed By :Semsettin Yesilyurt 09/23/2025
Supervised By :Mahesh Dadoda 09/24/2025

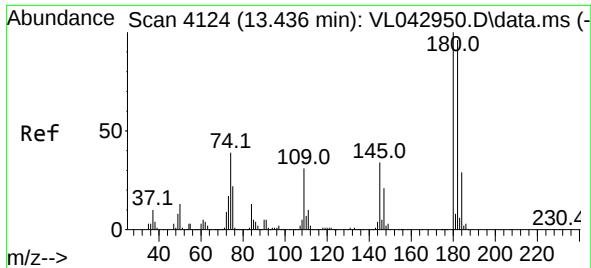


#80
Naphthalene,2-methyl-
Concen: 10.142 ppbv
RT: 14.452 min Scan# 4438
Delta R.T. 0.000 min
Lab File: VL042950.D
Acq: 22 Sep 2025 09:39



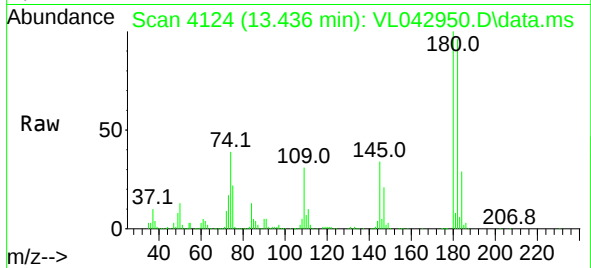
Tgt Ion:142 Resp: 195695
Ion Ratio Lower Upper
142 100
141 81.4 65.1 97.7
115 36.1 28.9 43.3





#81
 1,2,4-Trichlorobenzene
 Concen: 10.461 ppbv
 RT: 13.436 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042950.D
 Acq: 22 Sep 2025 09:39

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:180 Resp: 34939
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 184 29.9 23.9 35.9

Manual Integrations
 APPROVED

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

