

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
 Data File : VL042796.D
 Acq On : 04 Aug 2025 09:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

Quant Time: Aug 05 00:59:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 05 00:59:29 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	156307	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.956	114	426613	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	380017	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 310203 10.307 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	207208	10.026	ppbv	99
3) Chlorodifluoromethane	1.477	51	277069	10.292	ppbv	99
4) Chloromethane	1.532	50	83684	10.009	ppbv	99
5) Vinyl Chloride	1.580	62	76360	9.244	ppbv	96
6) Bromomethane	1.667	94	32753	10.256	ppbv	97
7) Chloroethane	1.703	64	31751	9.948	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	169380	9.966	ppbv	96
9) Propene	1.483	41	100258	10.247	ppbv	99
10) Heptane	4.975	43	288665	10.942	ppbv	99
11) Trichlorofluoromethane	1.878	101	217635	10.216	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.137	101	163050	10.072	ppbv	98
13) Ethanol	1.719	45	7381	9.208	ppbv	100
14) Bromoethene	1.781	108	59854	10.443	ppbv	98
15) Acetone	1.833	43	176712	8.187	ppbv	100
16) 1,3-Butadiene	1.609	39	89788	9.753	ppbv	100
17) tert-Butyl alcohol	2.040	59	195134	10.024	ppbv	99
18) 1,1-Dichloroethene	2.033	96	73240	10.013	ppbv	98
19) Isopropyl Alcohol	1.884	45	113543	9.899	ppbv	98
20) Methylene Chloride	2.062	84	61661	9.066	ppbv	88
21) Allyl Chloride	2.095	41	141580	10.643	ppbv	97
22) trans-1,2-Dichloroethene	2.341	96	80528	10.234	ppbv	98
23) Vinyl Acetate	2.460	43	286954	10.966	ppbv	99
24) 1,1-Dichloroethane	2.409	63	166989	10.340	ppbv	99
25) Ethyl Acetate	2.833	43	517370	10.829	ppbv	99
26) Hexane	2.826	57	221546	10.571	ppbv	98
27) Carbon Disulfide	2.150	76	199042	11.094	ppbv	96
28) Methyl tert-Butyl Ether	2.438	73	93108	9.404	ppbv	99
29) Chloroform	2.846	83	340691	10.520	ppbv	98
30) Cyclohexane	3.855	84	181209	10.195	ppbv	94
31) cis-1,2-Dichloroethene	2.719	61	218880	10.164	ppbv	97
32) 1,1,1-Trichloroethane	3.367	97	335591	9.948	ppbv	99
34) 2-Butanone	2.554	43	342346	11.329	ppbv	99
35) Carbon Tetrachloride	3.762	117	351173	11.082	ppbv	98
36) Benzene	3.655	78	439144	10.861	ppbv	98
37) 1,2-Dichloroethane	3.215	62	268448	11.022	ppbv	100
38) Trichloroethene	4.548	130	198489	10.219	ppbv	96
39) 1,2-Dichloropropane	4.309	63	161604	10.828	ppbv	97
40) 1,4-Dioxane	4.577	88	70550	10.142	ppbv #	98
41) Tetrahydrofuran	3.053	42	179539	11.676	ppbv	99
42) Bromodichloromethane	4.487	83	368522	11.618	ppbv	99
43) Methyl Methacrylate	4.875	69	166622	11.594	ppbv	98
44) 2,2,4-Trimethylpentane	4.639	57	754946	11.456	ppbv	99
45) t-1,3-Dichloropropene	6.412	75	185713	11.524	ppbv	96

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

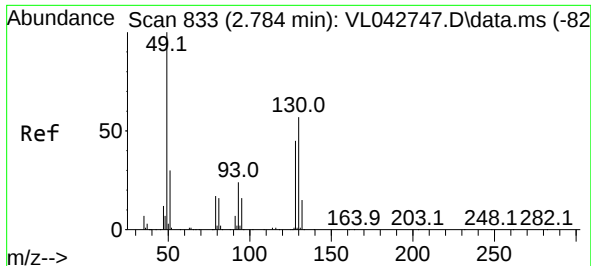
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 05 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

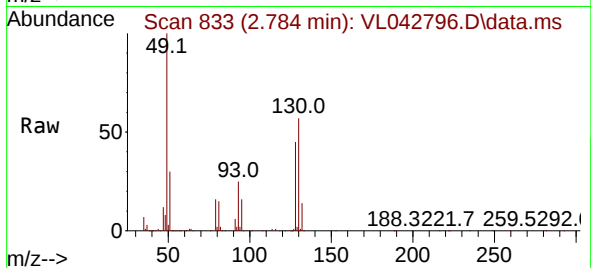
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.600	75	240949	11.799	ppbv	96
47) 1,1,2-Trichloroethane	6.577	97	176245	11.078	ppbv	96
48) Dibromochloromethane	7.387	129	301910	11.954	ppbv	98
49) Bromoform	9.481	173	262767	11.932	ppbv	98
50) 4-Methyl-2-Pentanone	5.746	43	453959	11.662	ppbv	99
51) 2-Hexanone	7.432	43	360580	12.258	ppbv #	99
52) Tetrachloroethene	8.225	164	162318	9.686	ppbv	97
53) Toluene	6.930	91	489672	11.278	ppbv	100
54) 1,2-Dibromoethane	7.649	107	250956	11.165	ppbv	96
56) 1,1,1,2-Tetrachloroethane	8.924	131	226803	11.479	ppbv	99
57) Chlorobenzene	8.921	112	397515	10.808	ppbv	98
58) Ethyl Benzene	9.354	91	692150	11.533	ppbv	99
59) m/p-Xylene	9.552	91	1134244m	23.649	ppbv	
60) o-Xylene	9.963	91	571988	11.935	ppbv	98
61) Styrene	9.869	104	235848	11.699	ppbv	99
62) Isopropylbenzene	10.539	105	813285	11.505	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.963	83	327594	10.647	ppbv	100
64) n-propylbenzene	10.989	120	212922	11.553	ppbv	97
65) tert-Butylbenzene	11.533	119	730489	11.633	ppbv	100
66) Benzyl Chloride	11.614	91	70588	13.694	ppbv	98
67) sec-Butylbenzene	11.769	105	1015003	11.365	ppbv	99
69) p-Isopropyltoluene	11.924	119	875506	12.023	ppbv	99
70) n-Butylbenzene	12.280	91	882533	12.546	ppbv	100
71) 2-Chlorotoluene	10.902	91	623268	11.499	ppbv	99
72) 4-Ethyltoluene	11.125	105	685255	11.973	ppbv	100
73) 1,3,5-Trimethylbenzene	11.203	105	572173	12.142	ppbv	99
74) 1,2,4-Trimethylbenzene	11.536	105	635314	12.358	ppbv	98
75) 1,3-Dichlorobenzene	11.607	146	412343	11.441	ppbv	99
76) 1,4-Dichlorobenzene	11.672	146	411896	11.679	ppbv	99
77) 1,2-Dichlorobenzene	11.947	146	393333	11.104	ppbv	99
78) Hexachloro-1,3-Butadiene	13.879	225	317563	9.905	ppbv	99
79) Naphthalene	13.514	128	609718	10.889	ppbv	99
80) Naphthalene,2-methyl-	14.455	142	237582	8.684	ppbv	98
81) 1,2,4-Trichlorobenzene	13.439	180	343523	10.915	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

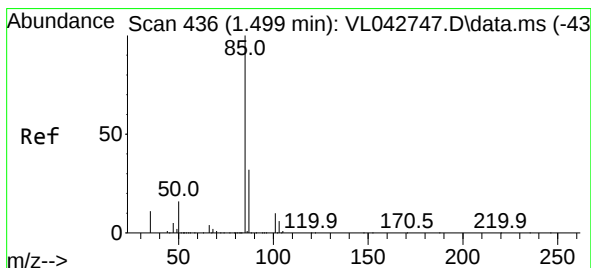
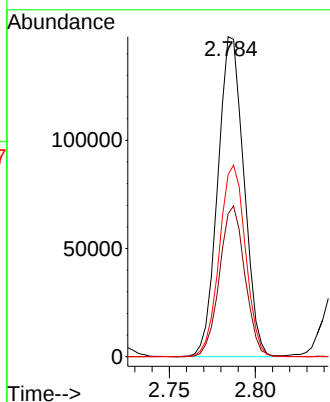
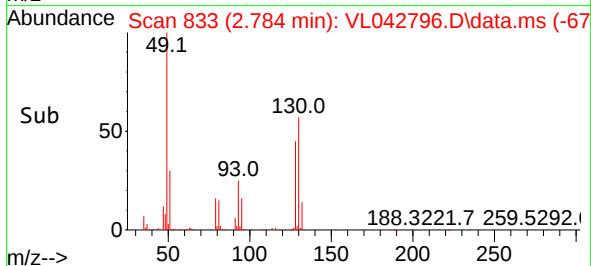
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 15630
Ion Ratio Lower Upper
49 100
128 45.7 23.6 71.0
130 59.8 30.3 90.8

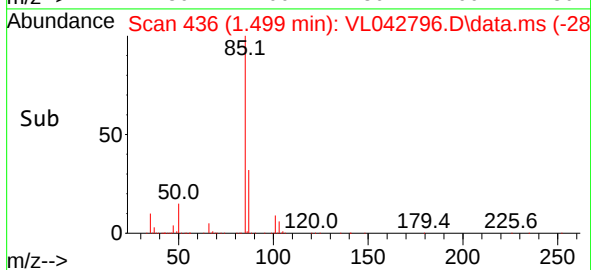
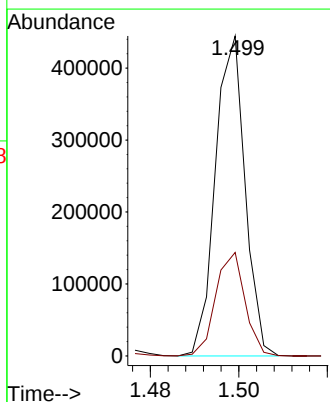
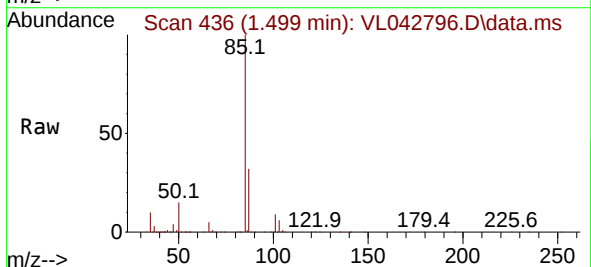
Manual Integrations
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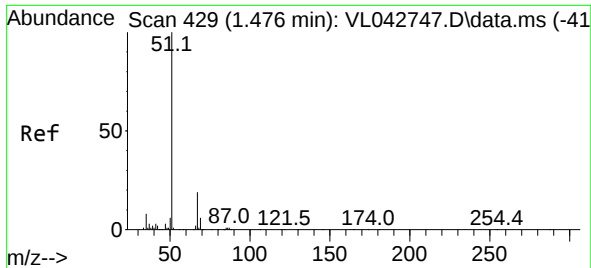
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#2
Dichlorodifluoromethane
Concen: 10.026 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

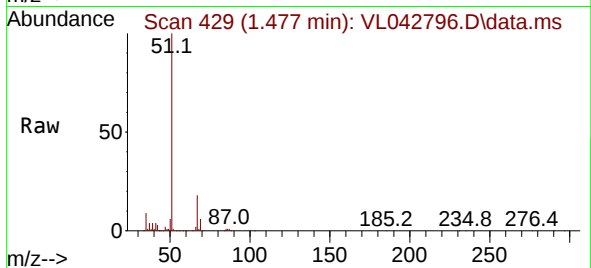
Tgt Ion: 85 Resp: 207208
Ion Ratio Lower Upper
85 100
87 32.3 25.4 38.2





#3
Chlorodifluoromethane
Concen: 10.292 ppbv
RT: 1.477 min Scan# 429
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

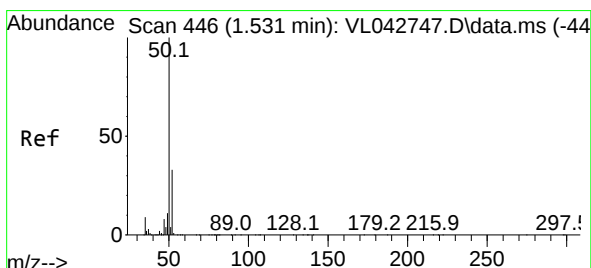
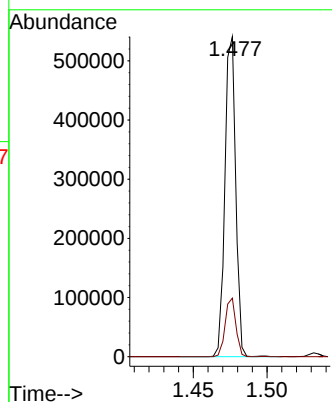
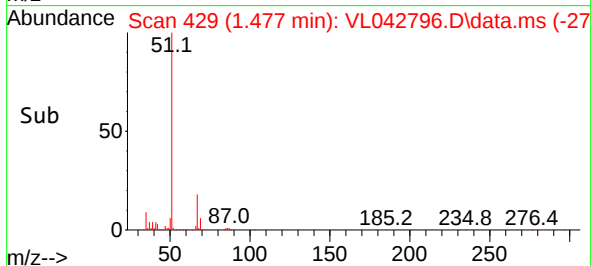
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



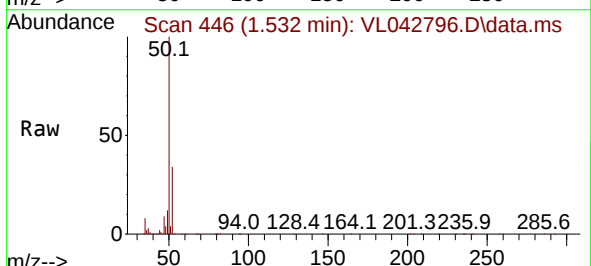
Tgt Ion: 51 Resp: 277069
Ion Ratio Lower Upper
51 100
67 18.3 15.0 22.6

Manual Integrations
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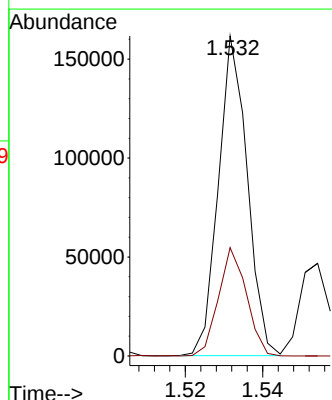
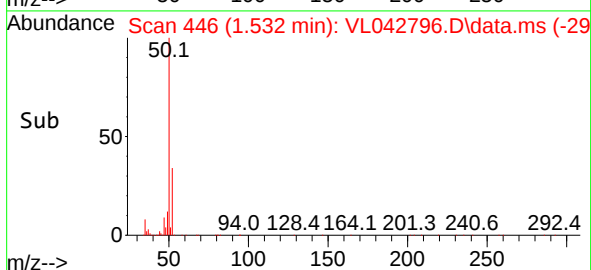
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

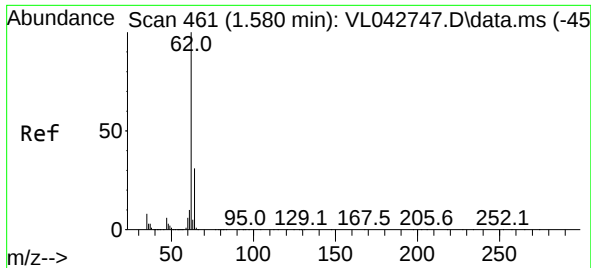


#4
Chloromethane
Concen: 10.009 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



Tgt Ion: 50 Resp: 83684
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0





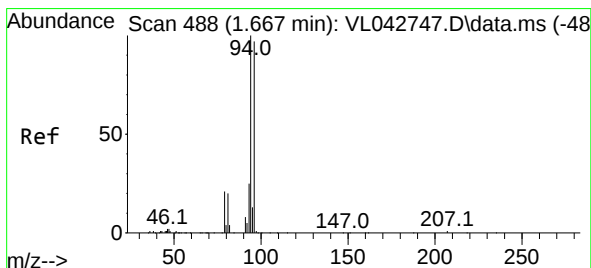
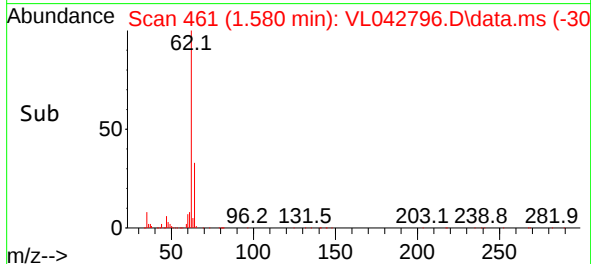
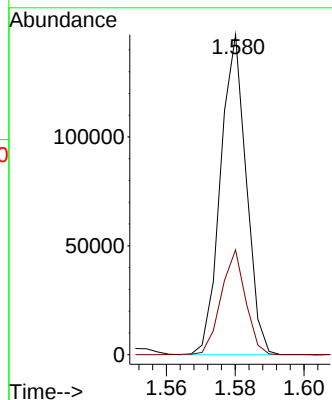
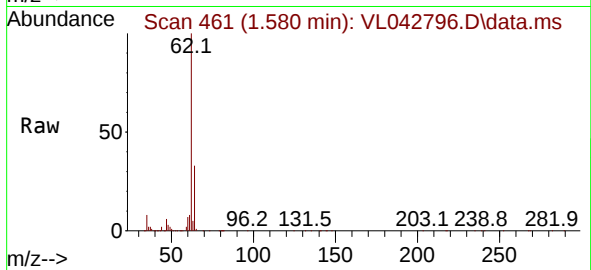
#5
 Vinyl Chloride
 Concen: 9.244 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 76360
 Ion Ratio Lower Upper
 62 100
 64 32.7 24.5 36.7

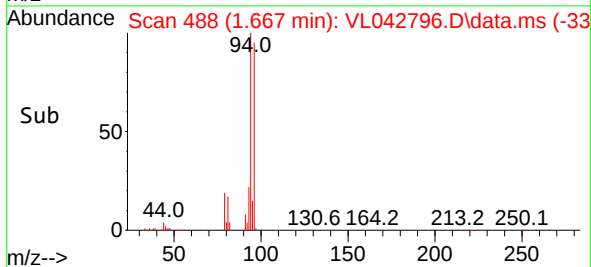
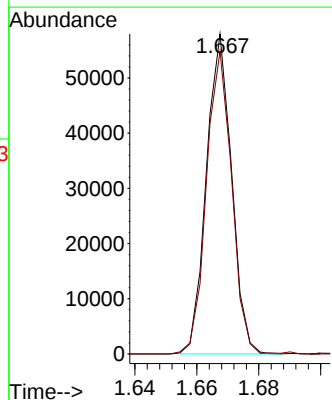
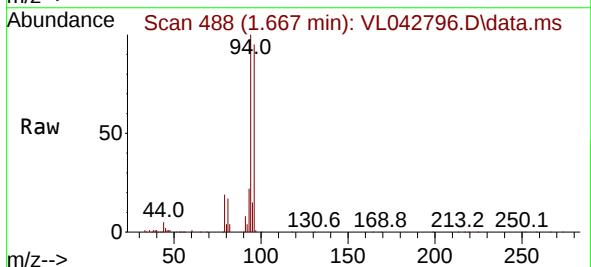
Manual Integrations
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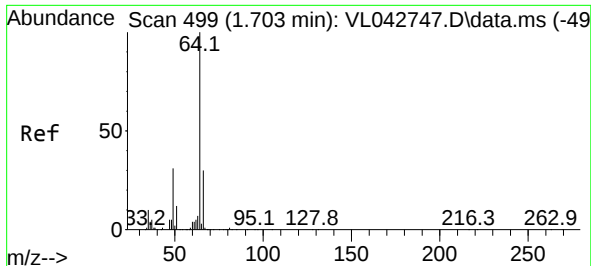
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#6
 Bromomethane
 Concen: 10.256 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

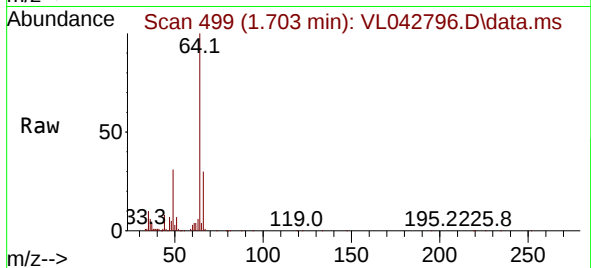
Tgt Ion: 94 Resp: 32753
 Ion Ratio Lower Upper
 94 100
 96 94.5 77.6 116.4





#7
Chloroethane
Concen: 9.948 ppbv
RT: 1.703 min Scan# 499
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

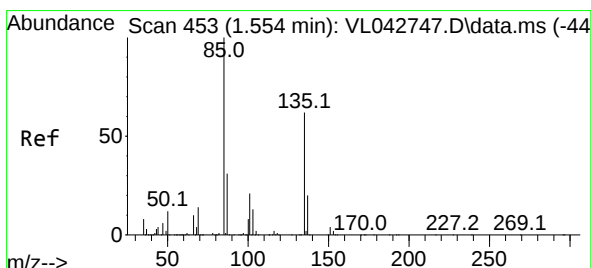
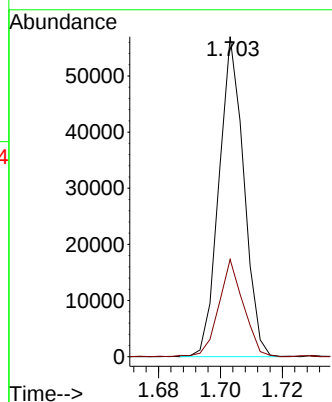
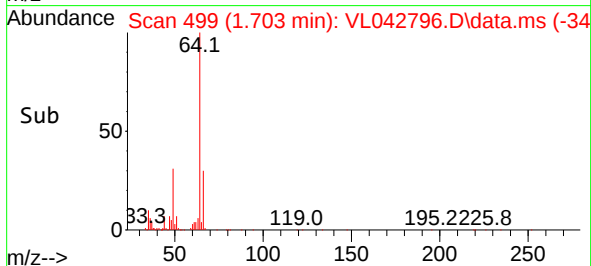
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 3175
Ion Ratio Lower Upper
64 100
66 30.4 24.1 36.1

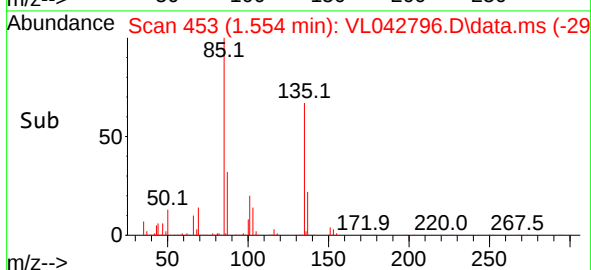
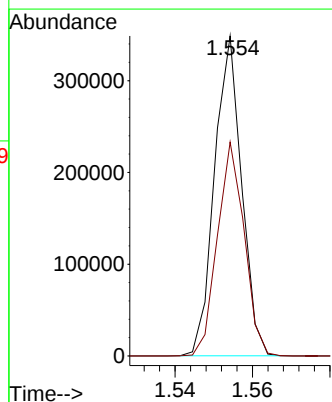
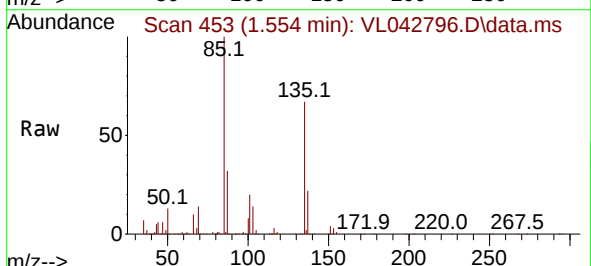
Manual Integrations
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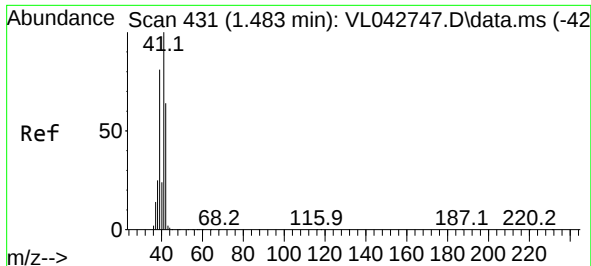
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#8
Dichlorotetrafluoroethane
Concen: 9.966 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

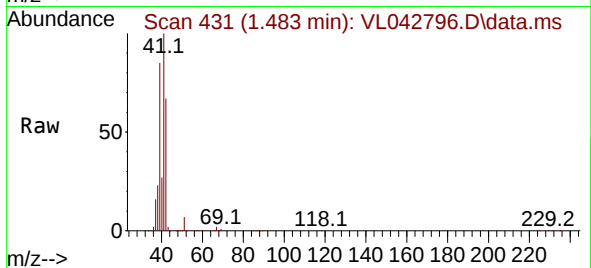
Tgt Ion: 85 Resp: 169380
Ion Ratio Lower Upper
85 100
135 66.3 50.6 76.0





#9
 Propene
 Concen: 10.247 ppbv
 RT: 1.483 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

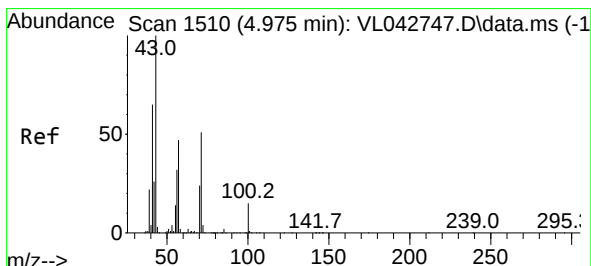
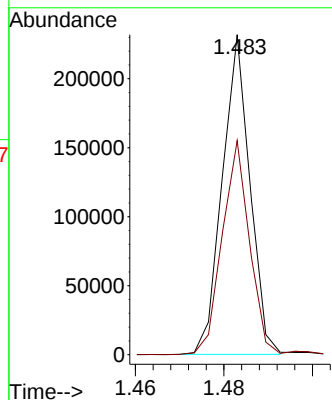
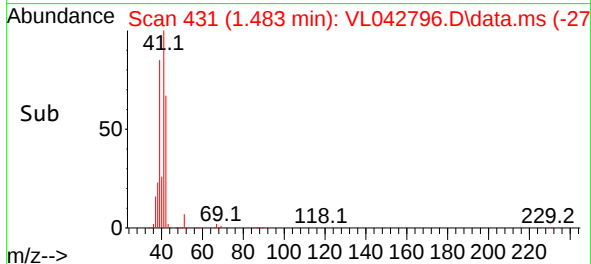
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



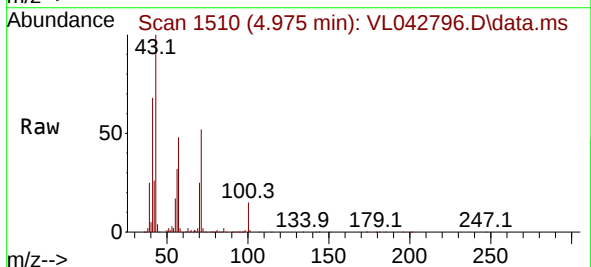
Tgt Ion: 41 Resp: 100258
 Ion Ratio Lower Upper
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 42 67.5 53.2 79.8

Manual Integrations
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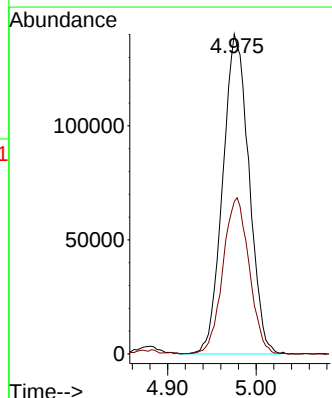
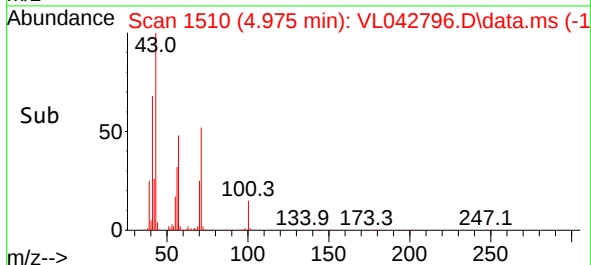
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

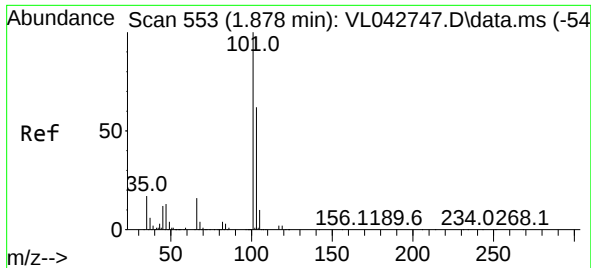


#10
 Heptane
 Concen: 10.942 ppbv
 RT: 4.975 min Scan# 1510
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31



Tgt Ion: 43 Resp: 288665
 Ion Ratio Lower Upper
 43 100
 57 49.0 39.9 59.9





#11

Trichlorofluoromethane

Concen: 10.216 ppbv

RT: 1.878 min Scan# 553

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:101 Resp: 21763

Ion Ratio Lower Upper

101 100

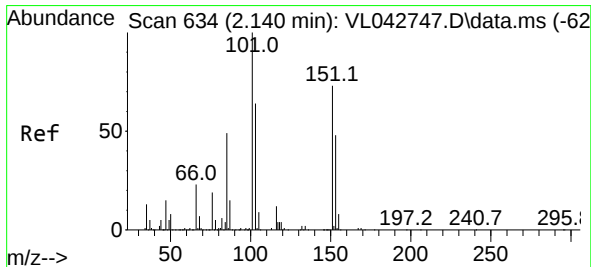
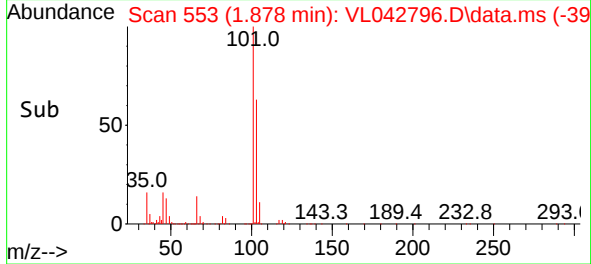
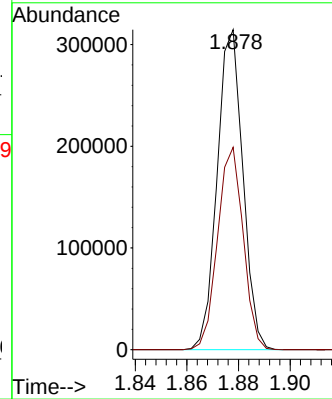
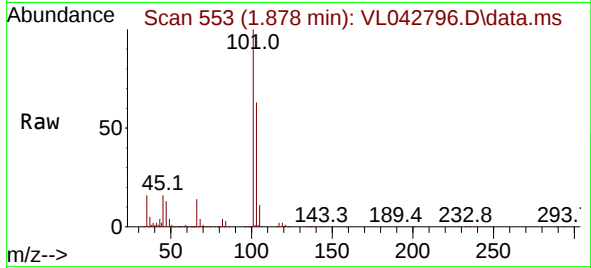
103 63.2 49.6 74.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.072 ppbv

RT: 2.137 min Scan# 633

Delta R.T. -0.003 min

Lab File: VL042796.D

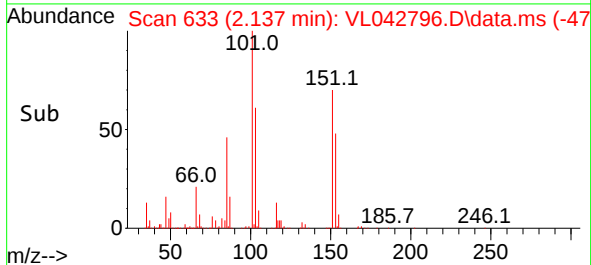
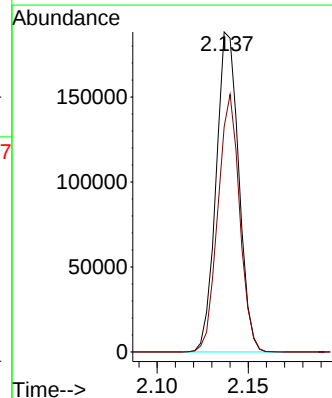
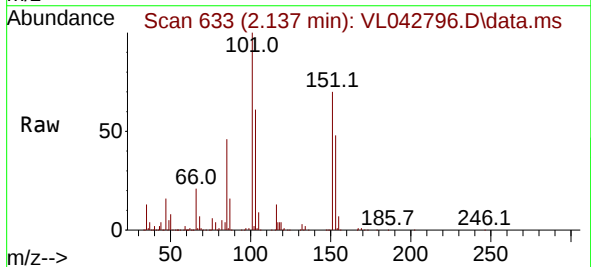
Acq: 04 Aug 2025 09:31

Tgt Ion:101 Resp: 163050

Ion Ratio Lower Upper

101 100

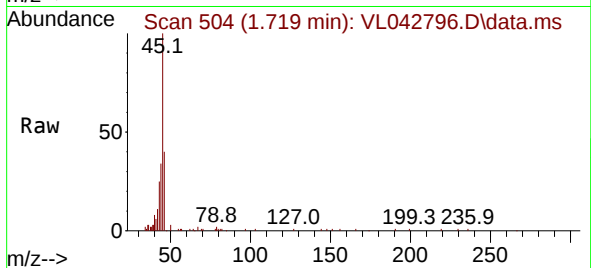
151 77.1 60.5 90.7





#13
Ethanol
Concen: 9.208 ppbv
RT: 1.719 min Scan# 504
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

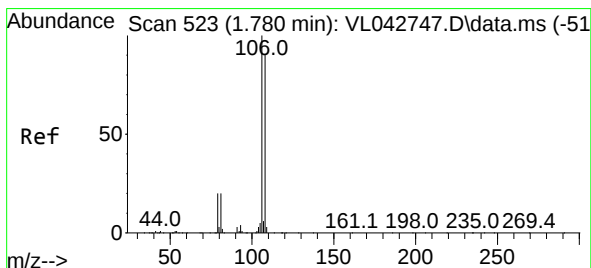
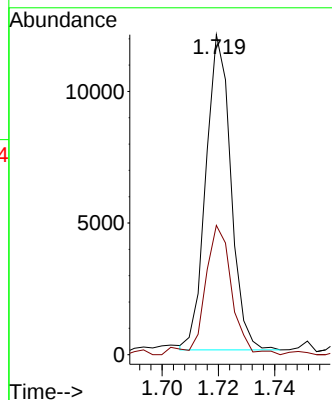
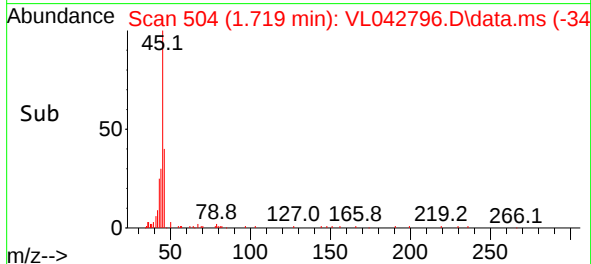
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



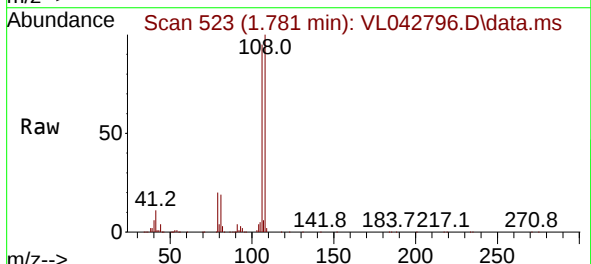
Tgt Ion: 45 Resp: 738
Ion Ratio Lower Upper
45 100
46 44.4 17.8 71.4

Manual Integrations
APPROVED

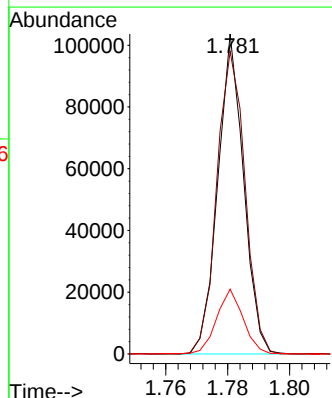
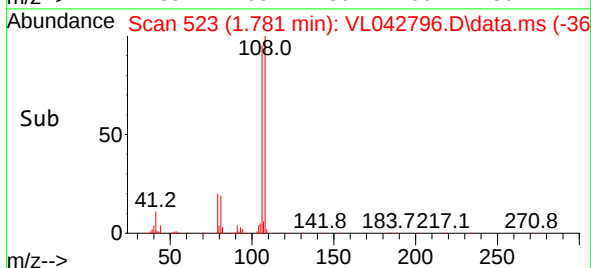
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

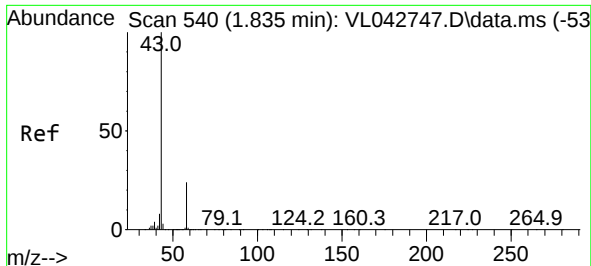


#14
Bromoethene
Concen: 10.443 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



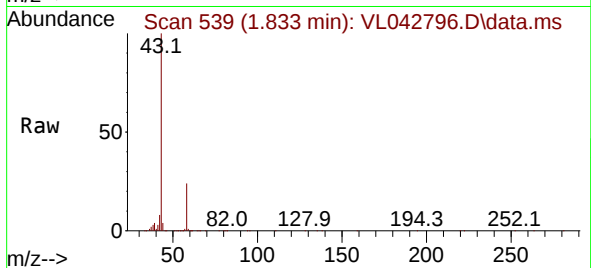
Tgt Ion:108 Resp: 59854
Ion Ratio Lower Upper
108 100
106 103.4 84.7 127.1
79 21.0 17.4 26.2





#15
Acetone
Concen: 8.187 ppbv
RT: 1.833 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

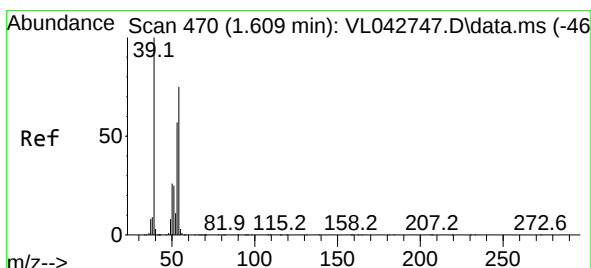
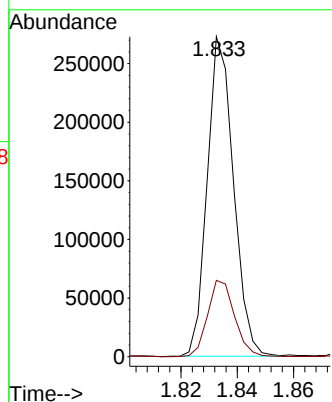
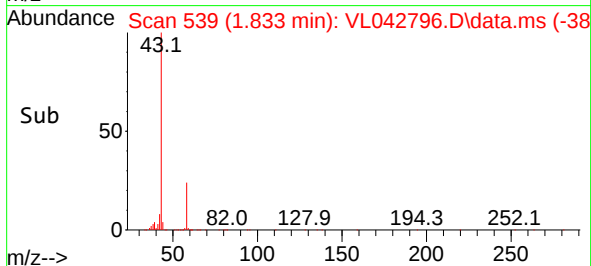
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 176712
Ion Ratio Lower Upper
43 100
58 24.8 19.8 29.8

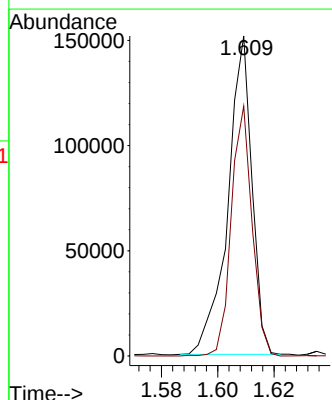
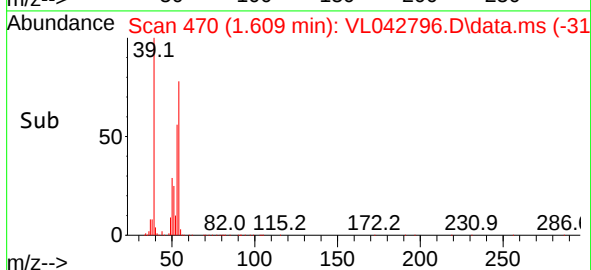
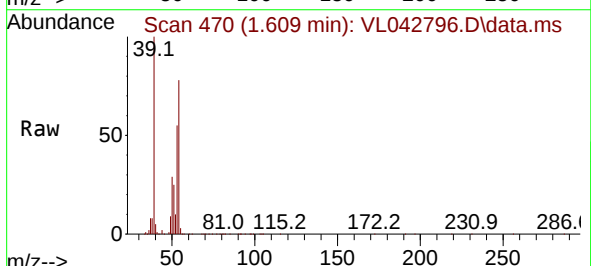
Manual Integrations
APPROVED

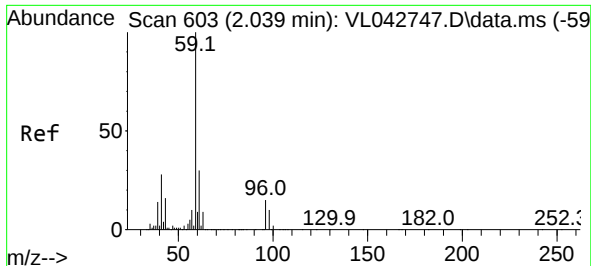
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#16
1,3-Butadiene
Concen: 9.753 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion: 39 Resp: 89788
Ion Ratio Lower Upper
39 100
54 67.8 54.5 81.7





#17

tert-Butyl alcohol

Concen: 10.024 ppbv

RT: 2.040 min Scan# 603

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 195134

Ion Ratio Lower Upper

59 100

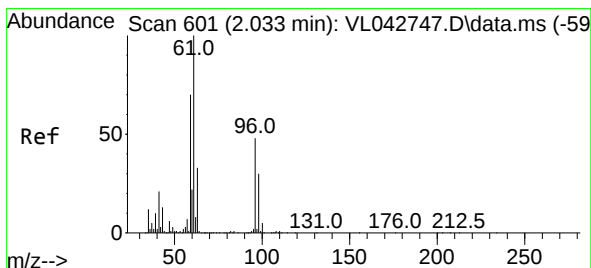
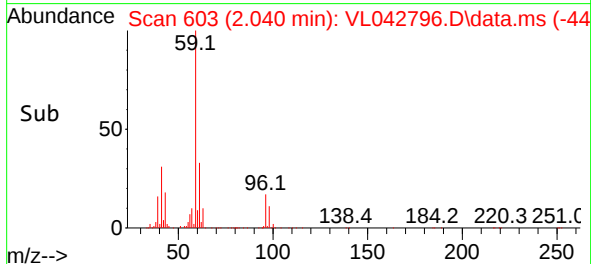
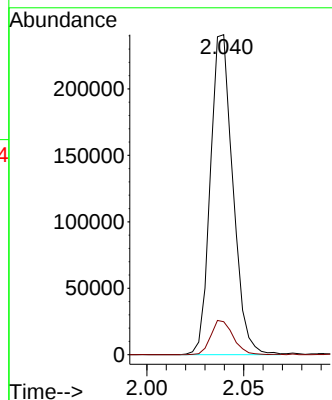
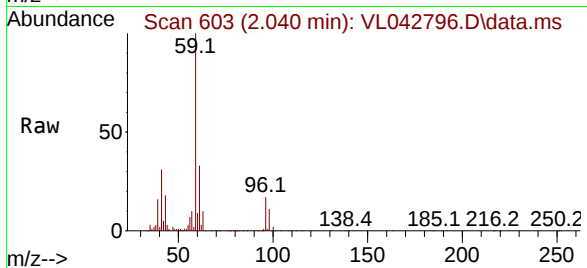
57 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#18

1,1-Dichloroethene

Concen: 10.013 ppbv

RT: 2.033 min Scan# 601

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

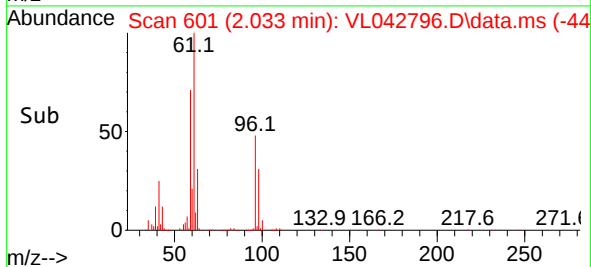
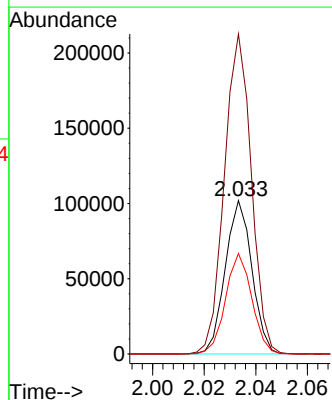
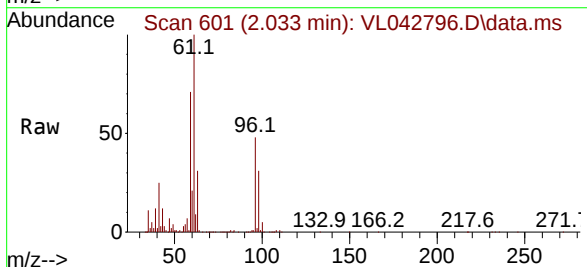
Tgt Ion: 96 Resp: 73240

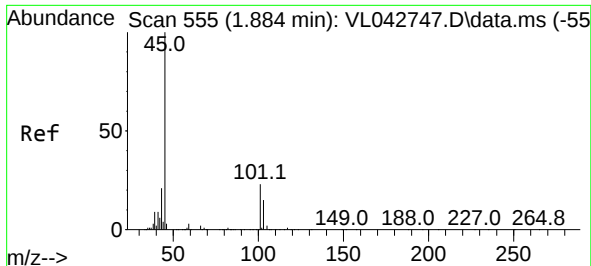
Ion Ratio Lower Upper

96 100

61 208.7 165.8 248.6

98 65.5 49.9 74.9





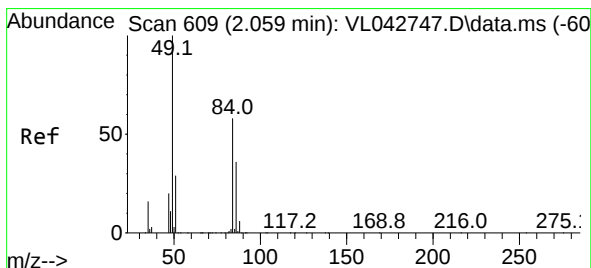
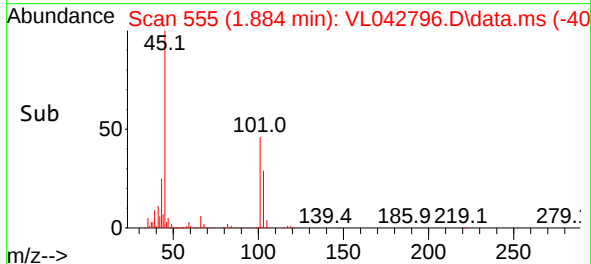
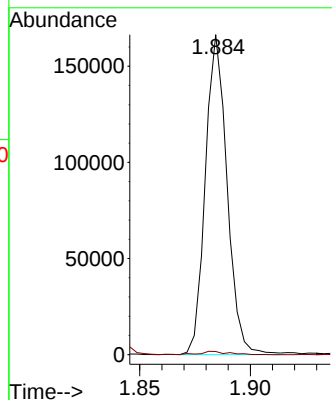
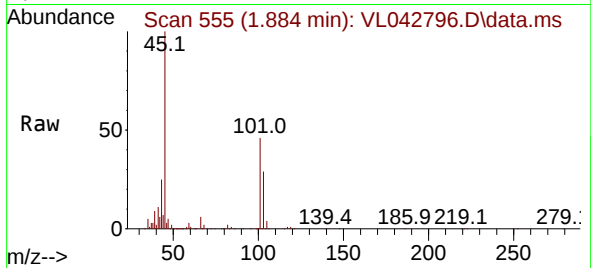
#19
Isopropyl Alcohol
Concen: 9.899 ppbv
RT: 1.884 min Scan# 511
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 11354
Ion Ratio Lower Upper
45 100
58 38.5 30.0 45.0

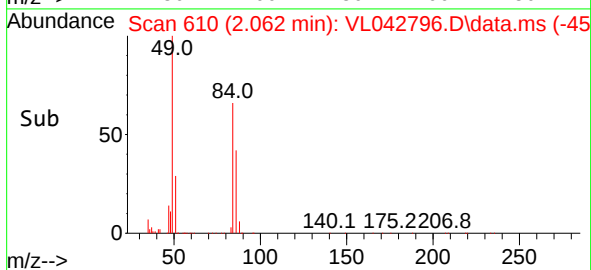
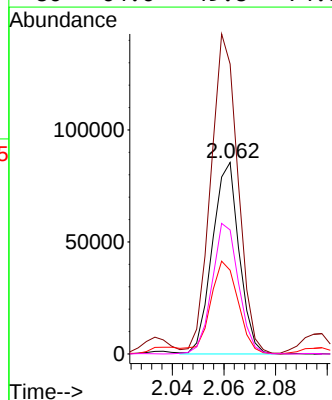
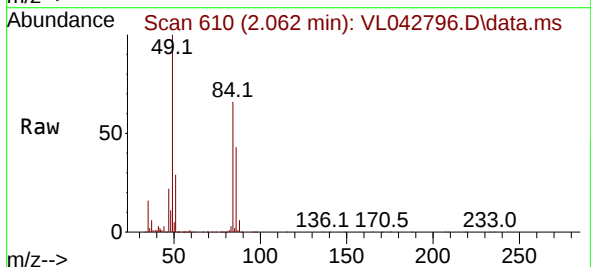
Manual Integrations
APPROVED

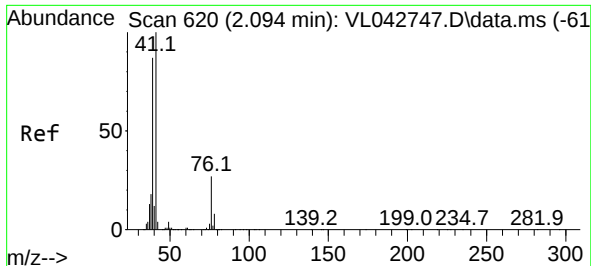
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#20
Methylene Chloride
Concen: 9.066 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

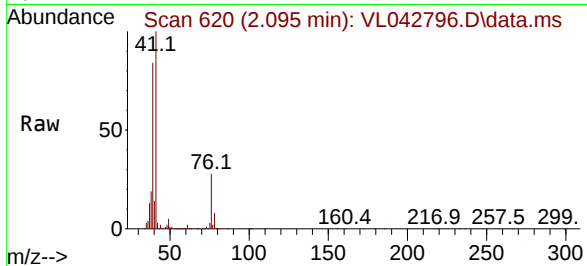
Tgt Ion: 84 Resp: 61661
Ion Ratio Lower Upper
84 100
49 151.0 138.6 208.0
51 43.7 40.6 61.0
86 64.6 49.8 74.8





#21
 Allyl Chloride
 Concen: 10.643 ppbv
 RT: 2.095 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

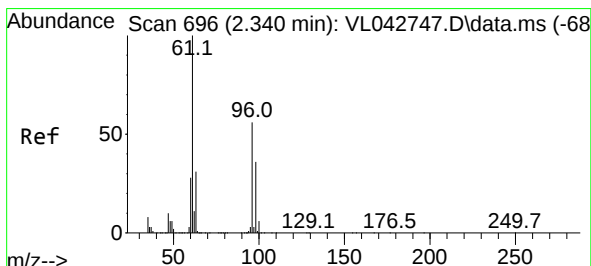
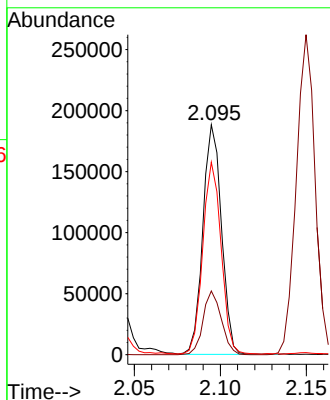
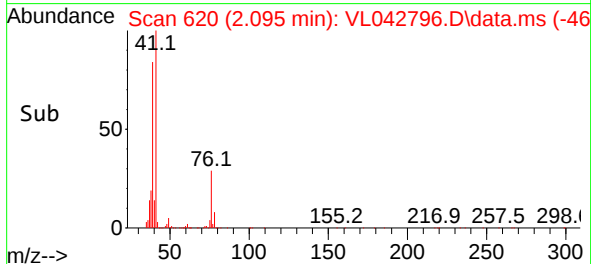
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



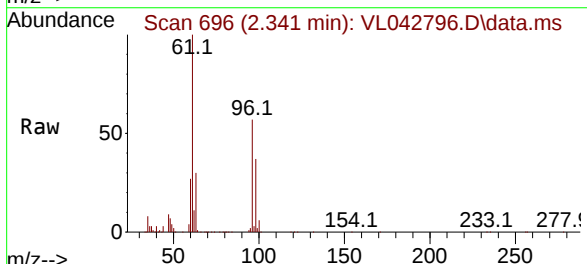
Tgt Ion: 41 Resp: 141580
 Ion Ratio Lower Upper
 41 100
 76 27.2 21.1 31.7
 39 82.3 68.3 102.5

Manual Integrations
 APPROVED

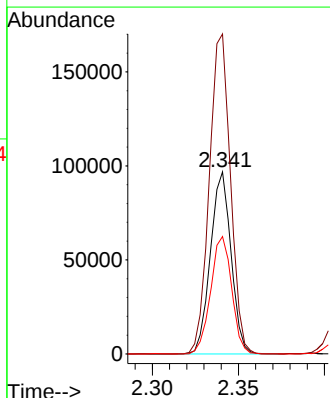
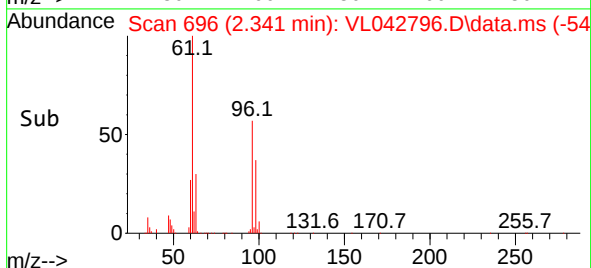
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

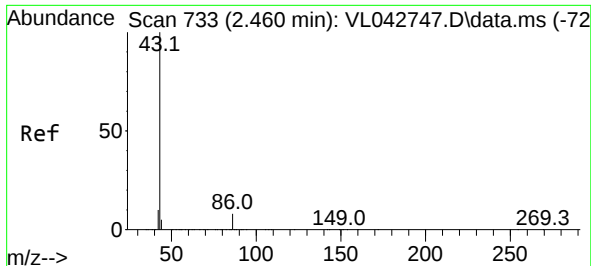


#22
 trans-1,2-Dichloroethene
 Concen: 10.234 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31



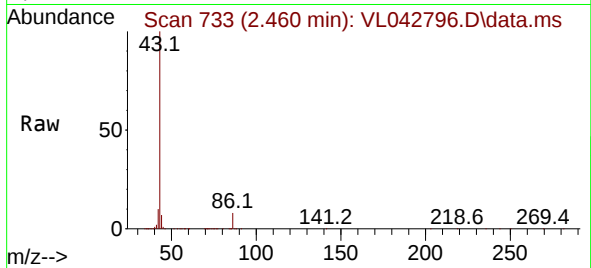
Tgt Ion: 96 Resp: 80528
 Ion Ratio Lower Upper
 96 100
 61 175.7 142.3 213.5
 98 64.5 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.966 ppbv
 RT: 2.460 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

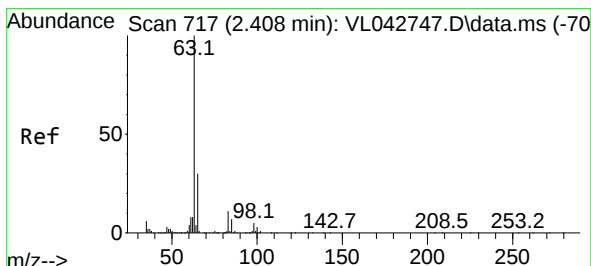
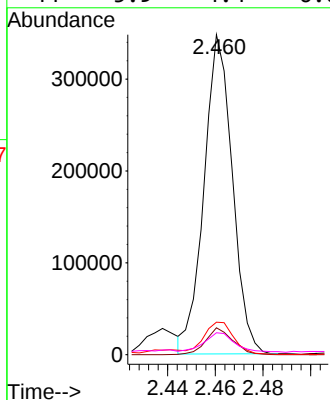
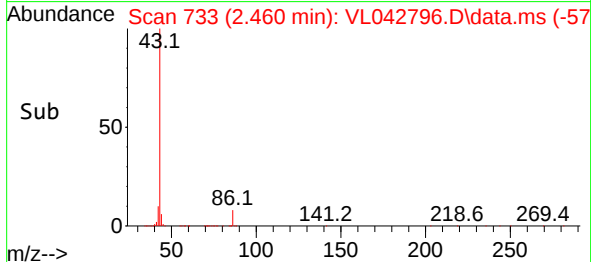
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDCCC010



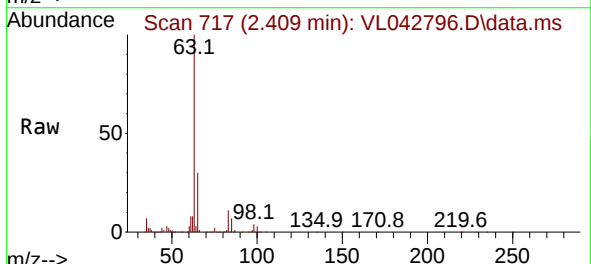
Tgt Ion: 43 Resp: 286954
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.1 9.1
 42 10.1 7.8 11.8
 44 5.9 4.4 6.6

Manual Integrations
 APPROVED

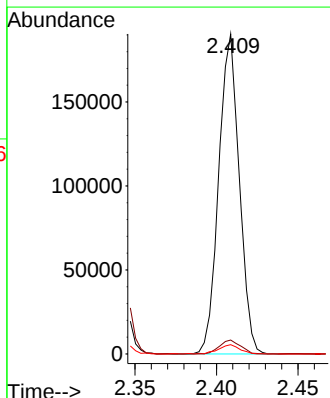
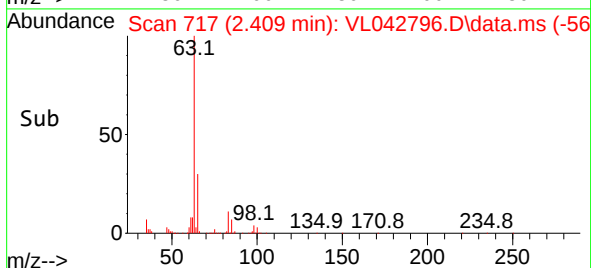
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

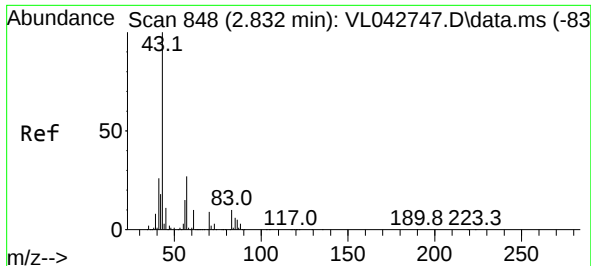


#24
 1,1-Dichloroethane
 Concen: 10.340 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31



Tgt Ion: 63 Resp: 166989
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.5 7.4
 100 2.9 1.6 4.8





#25

Ethyl Acetate

Concen: 10.829 ppbv

RT: 2.833 min Scan# 848

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 517370

Ion Ratio Lower Upper

43 100

45 9.4 7.8 11.6

61 8.8 6.7 10.1

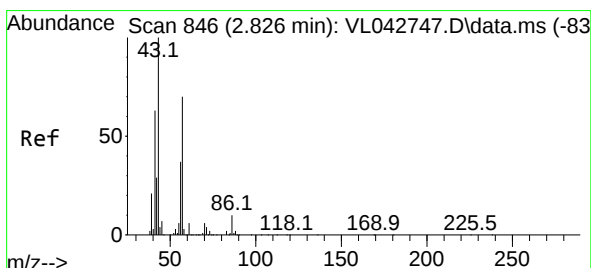
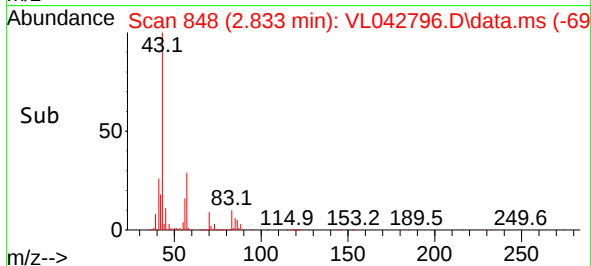
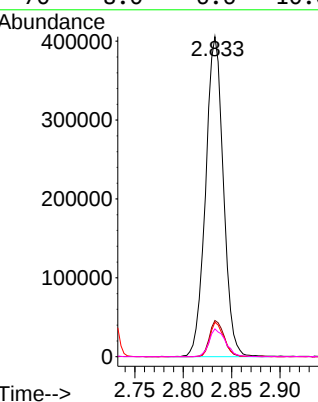
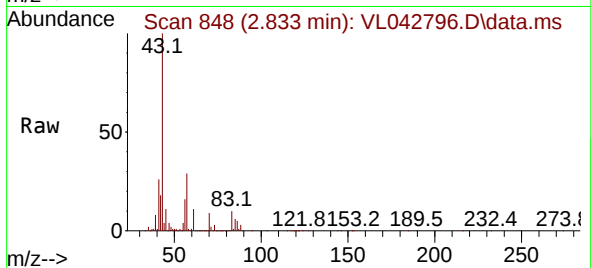
70 8.0 6.6 10.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#26

Hexane

Concen: 10.571 ppbv

RT: 2.826 min Scan# 846

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Tgt Ion: 57 Resp: 221546

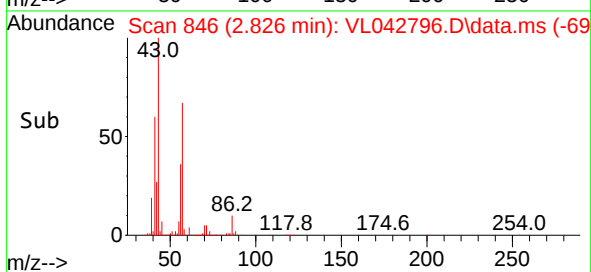
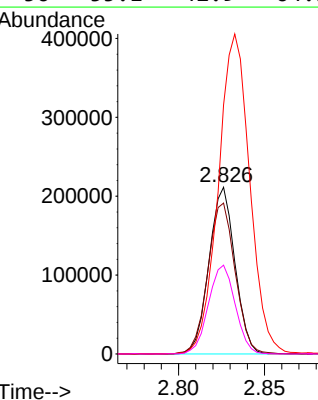
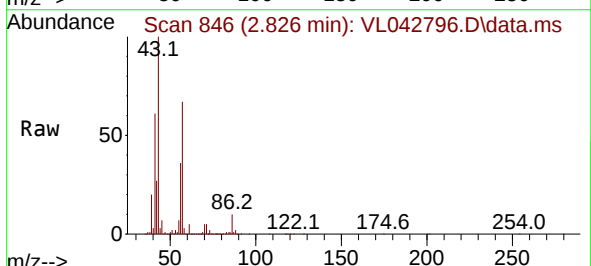
Ion Ratio Lower Upper

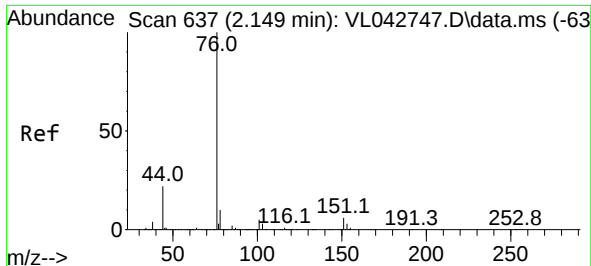
57 100

41 95.9 75.4 113.2

43 233.7 185.0 277.6

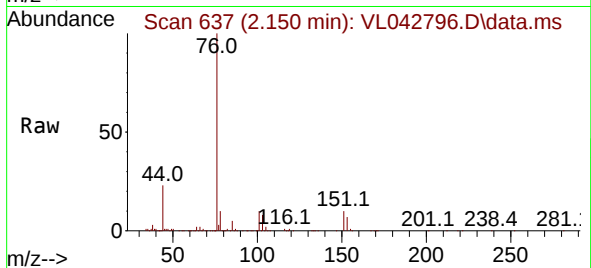
56 55.1 42.9 64.3





#27
Carbon Disulfide
Concen: 11.094 ppbv
RT: 2.150 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

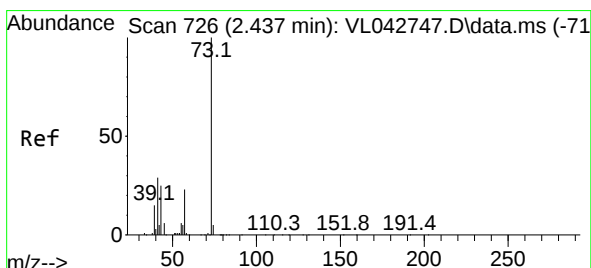
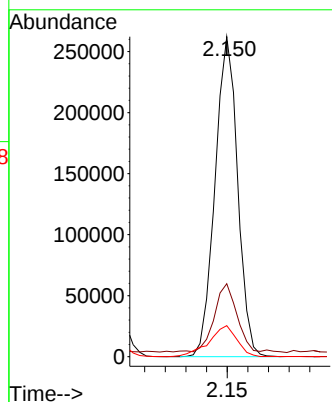
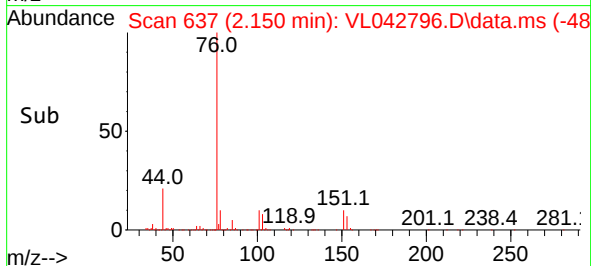
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 19904
Ion Ratio Lower Upper
76 100
44 21.6 19.3 28.9
78 12.1 9.9 14.9

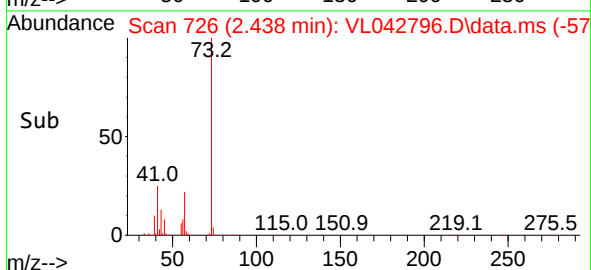
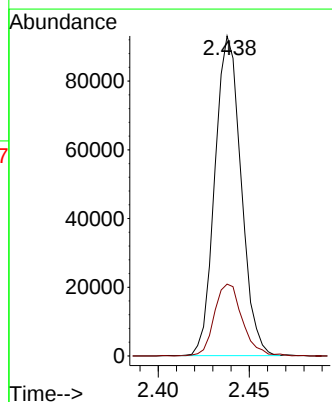
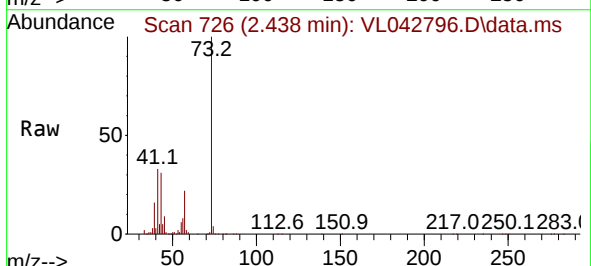
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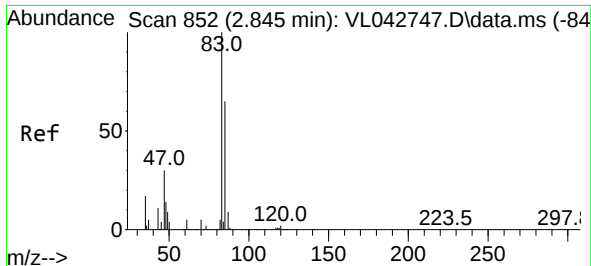
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#28
Methyl tert-Butyl Ether
Concen: 9.404 ppbv
RT: 2.438 min Scan# 726
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion: 73 Resp: 93108
Ion Ratio Lower Upper
73 100
57 24.1 19.8 29.8





#29

Chloroform

Concen: 10.520 ppbv

RT: 2.846 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL042796.D

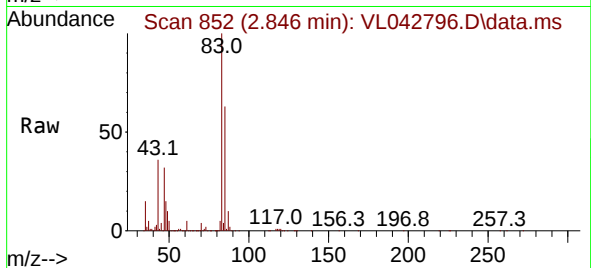
Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 83 Resp: 34069

Ion Ratio Lower Upper

83 100

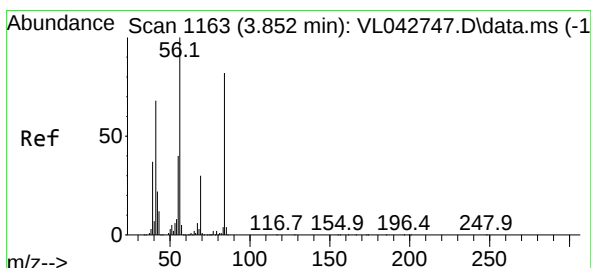
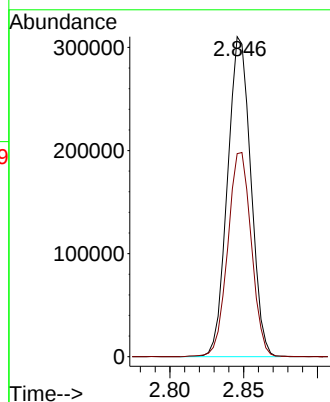
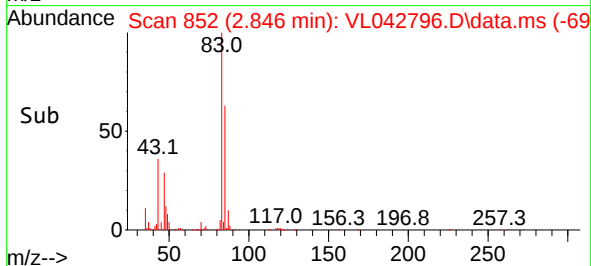
85 63.4 52.2 78.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#30

Cyclohexane

Concen: 10.195 ppbv

RT: 3.855 min Scan# 1164

Delta R.T. 0.004 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

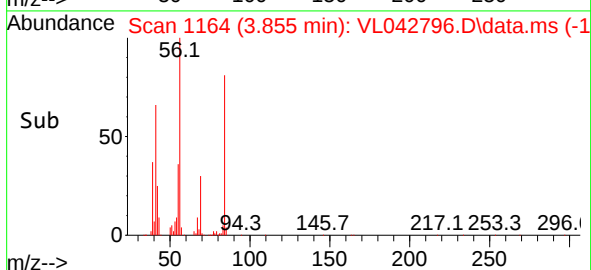
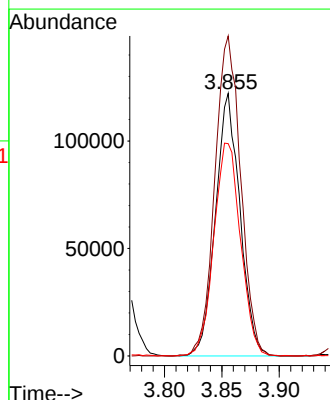
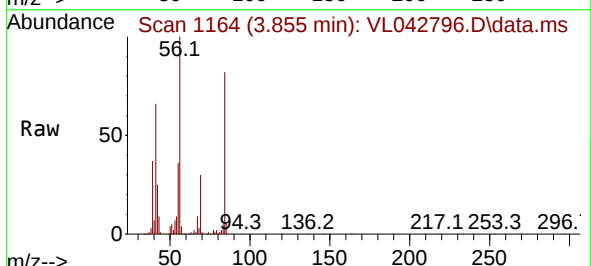
Tgt Ion: 84 Resp: 181209

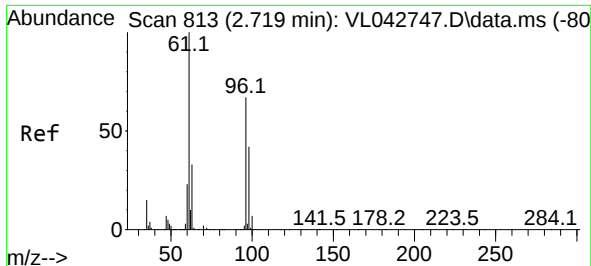
Ion Ratio Lower Upper

84 100

56 128.6 97.5 146.3

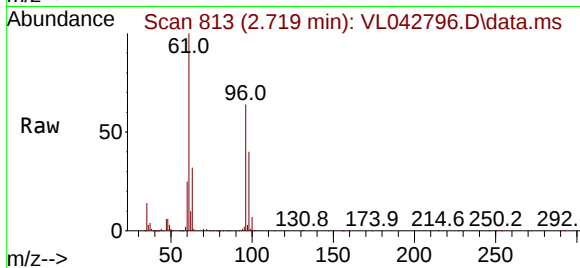
41 88.5 67.2 100.8





#31
 cis-1,2-Dichloroethene
 Concen: 10.164 ppbv
 RT: 2.719 min Scan# 813
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

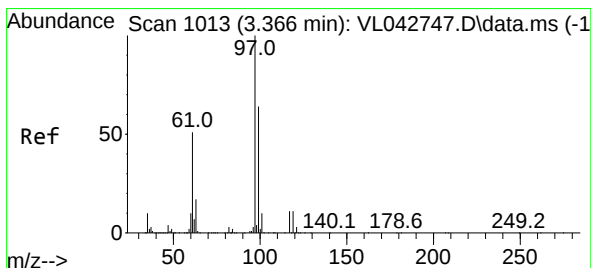
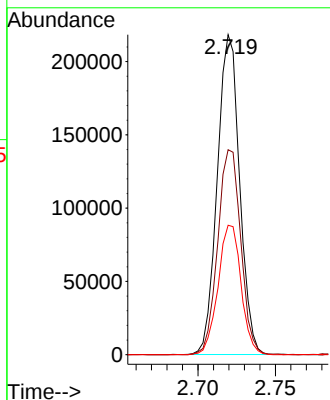
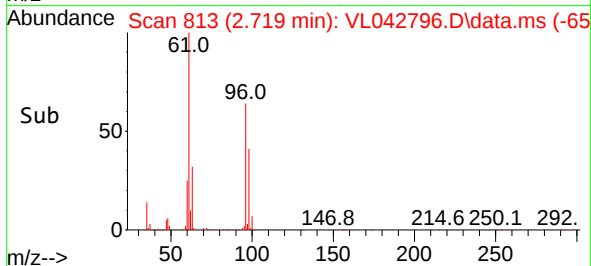
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



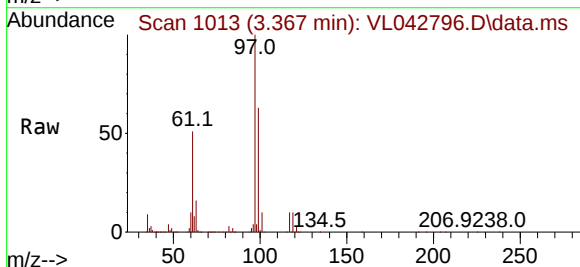
Tgt Ion: 61 Resp: 218880
 Ion Ratio Lower Upper
 61 100
 96 64.1 53.5 80.3
 98 40.5 33.6 50.4

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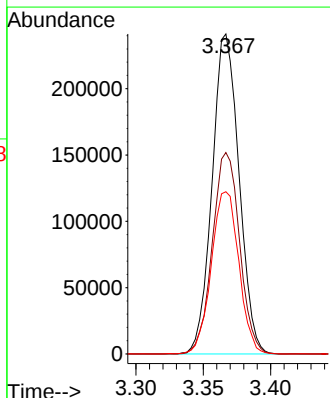
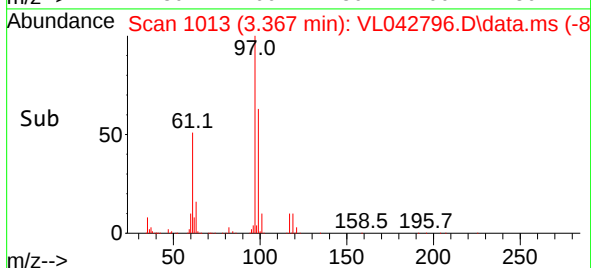
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025

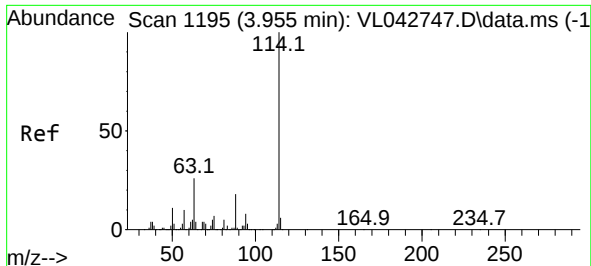


#32
 1,1,1-Trichloroethane
 Concen: 9.948 ppbv
 RT: 3.367 min Scan# 1013
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31



Tgt Ion: 97 Resp: 335591
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.6
 61 51.9 40.9 61.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.956 min Scan# 1195

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 42661

Ion Ratio Lower Upper

114 100

63 26.1 20.5 30.7

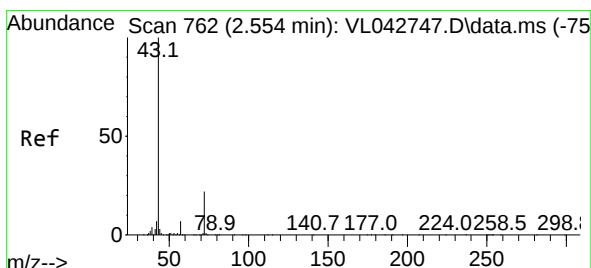
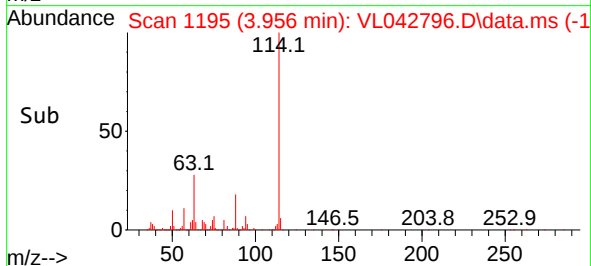
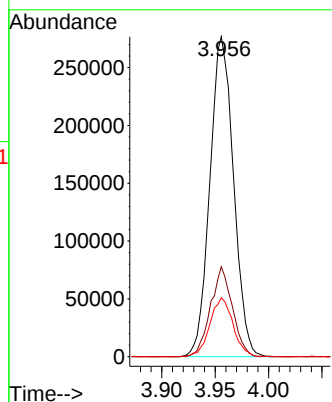
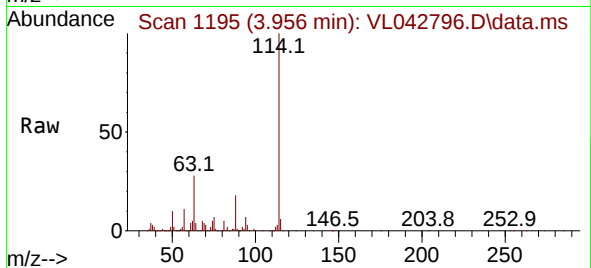
88 18.0 14.0 21.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#34

2-Butanone

Concen: 11.329 ppbv

RT: 2.554 min Scan# 762

Delta R.T. 0.000 min

Lab File: VL042796.D

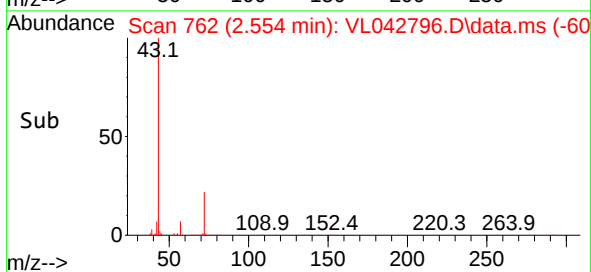
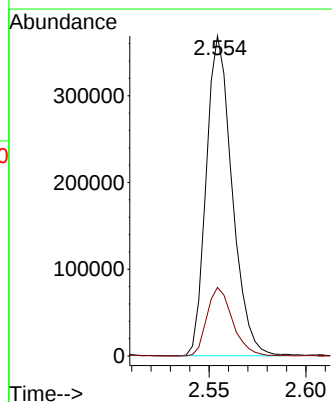
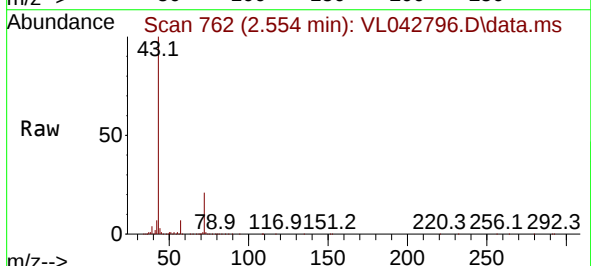
Acq: 04 Aug 2025 09:31

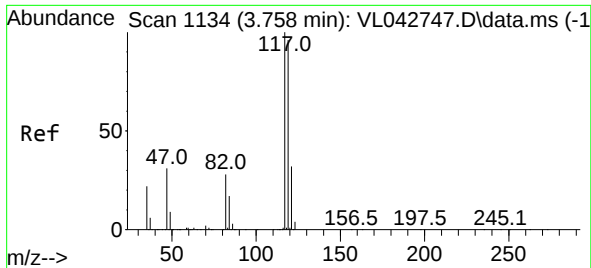
Tgt Ion: 43 Resp: 342346

Ion Ratio Lower Upper

43 100

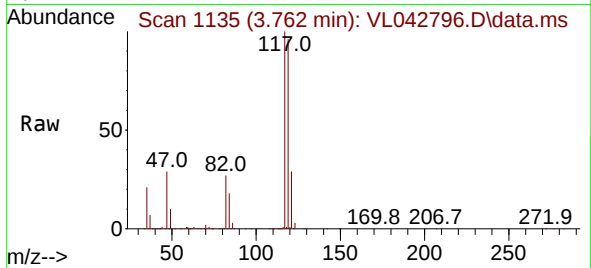
72 21.3 17.4 26.0





#35
Carbon Tetrachloride
Concen: 11.082 ppbv
RT: 3.762 min Scan# 1135
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

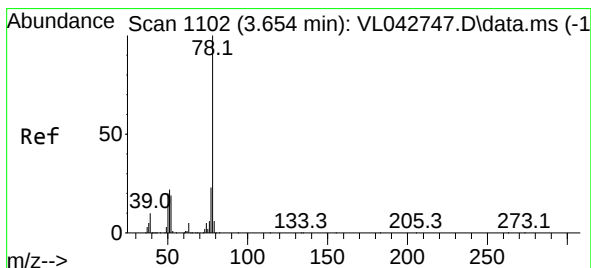
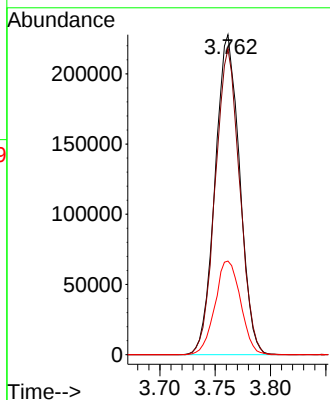
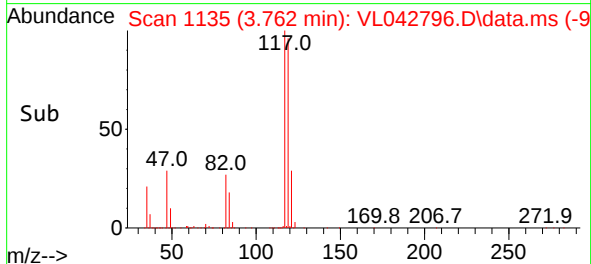
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 35117
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7
121 29.2 25.5 38.3

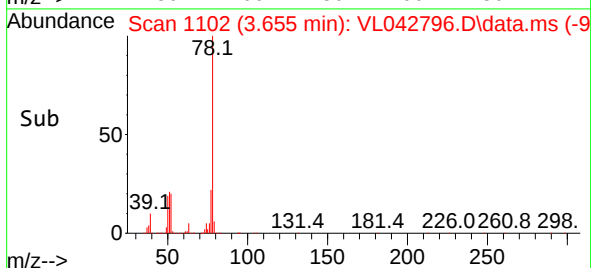
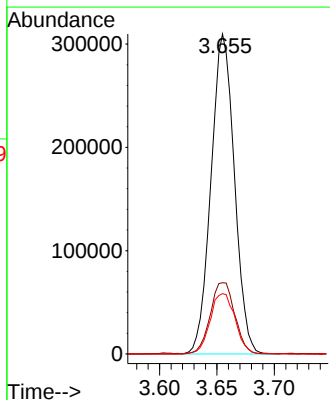
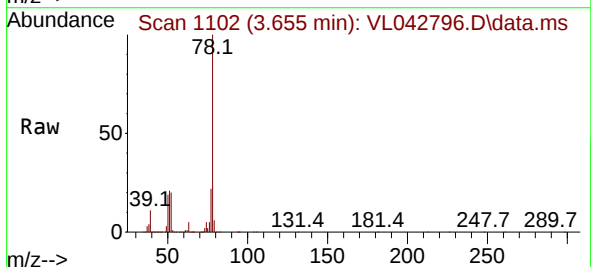
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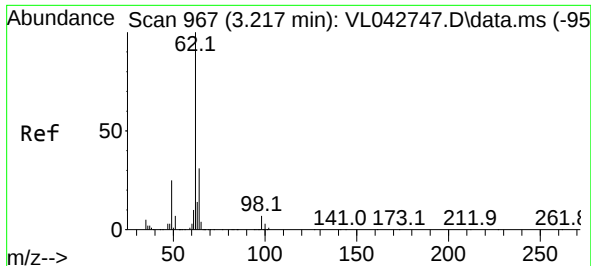
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#36
Benzene
Concen: 10.861 ppbv
RT: 3.655 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

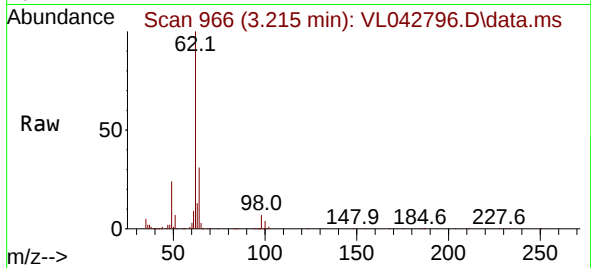
Tgt Ion: 78 Resp: 439144
Ion Ratio Lower Upper
78 100
77 22.2 18.5 27.7
50 18.8 16.2 24.2





#37
1,2-Dichloroethane
Concen: 11.022 ppbv
RT: 3.215 min Scan# 966
Delta R.T. -0.003 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

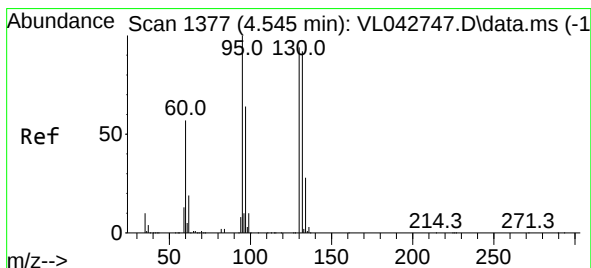
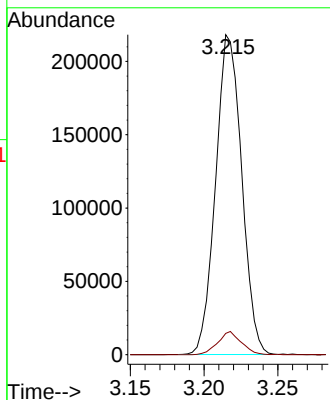
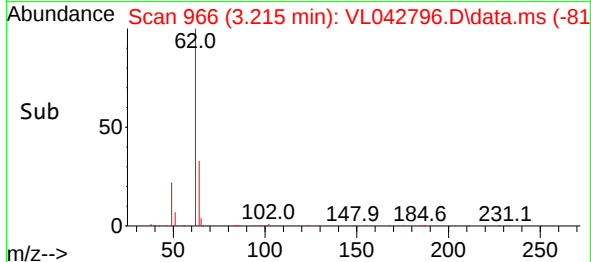
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



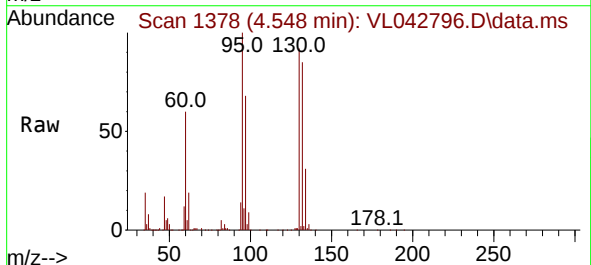
Tgt Ion: 62 Resp: 268448
Ion Ratio Lower Upper
62 100
98 6.6 5.2 7.8

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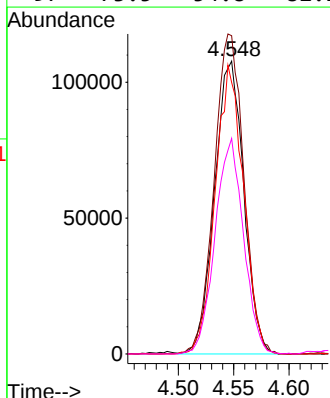
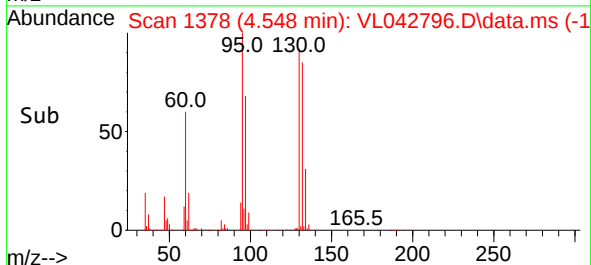
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

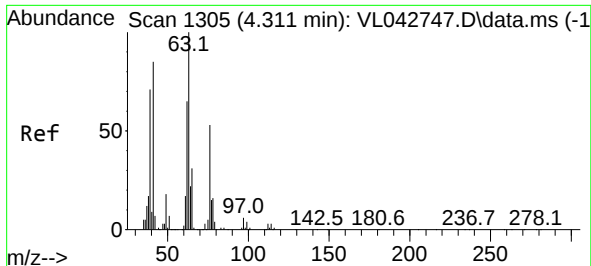


#38
Trichloroethene
Concen: 10.219 ppbv
RT: 4.548 min Scan# 1378
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



Tgt Ion:130 Resp: 198489
Ion Ratio Lower Upper
130 100
95 108.7 85.4 128.2
132 92.5 78.2 117.2
97 73.5 54.8 82.2





#39

1,2-Dichloropropane

Concen: 10.828 ppbv

RT: 4.309 min Scan# 1304

Delta R.T. -0.003 min

Lab File: VL042796.D

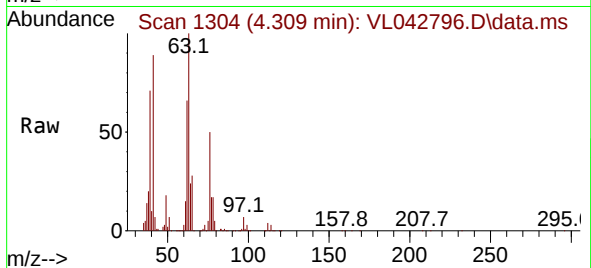
Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



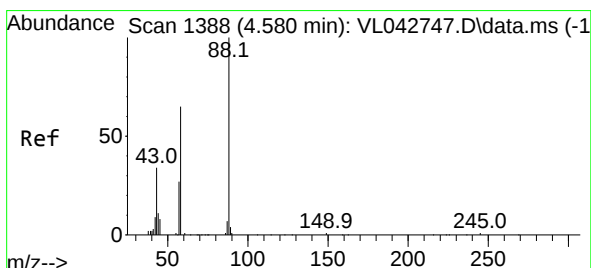
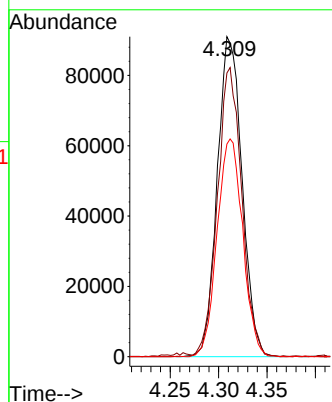
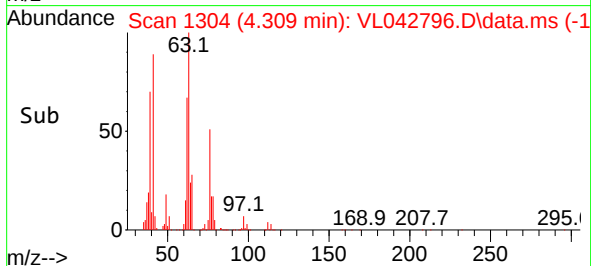
Tgt Ion: 63 Resp: 161604

Ion	Ratio	Lower	Upper
63	100		
41	88.5	68.2	102.4
62	66.5	52.0	78.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#40

1,4-Dioxane

Concen: 10.142 ppbv

RT: 4.577 min Scan# 1387

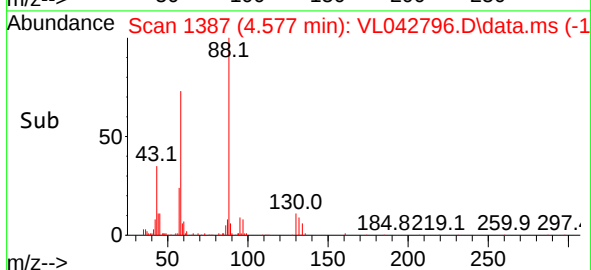
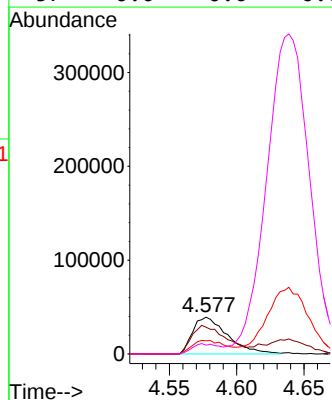
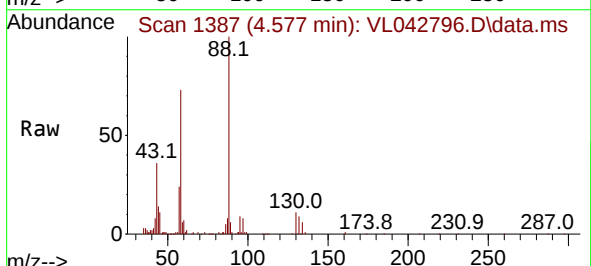
Delta R.T. -0.003 min

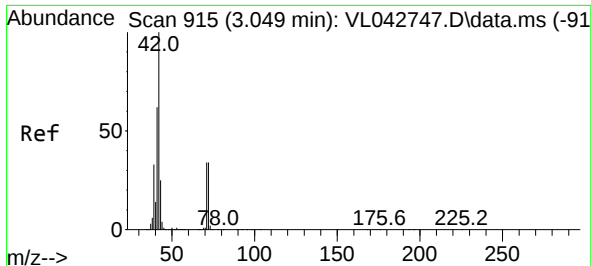
Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Tgt Ion: 88 Resp: 70550

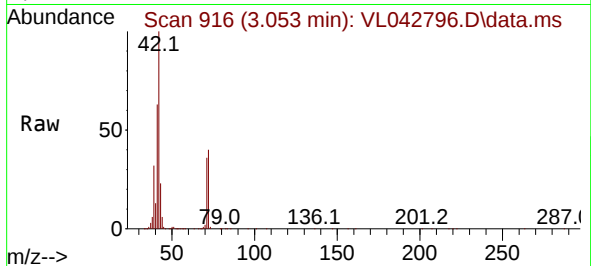
Ion	Ratio	Lower	Upper
88	100		
58	75.0	58.8	88.2
43	34.7	28.9	43.3
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 11.676 ppbv
RT: 3.053 min Scan# 915
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

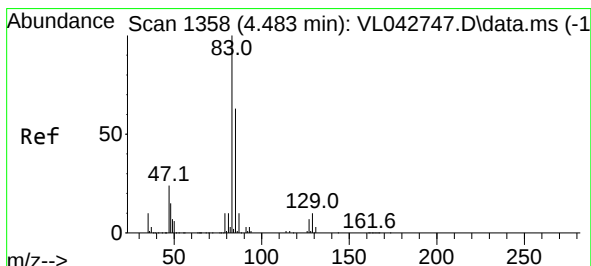
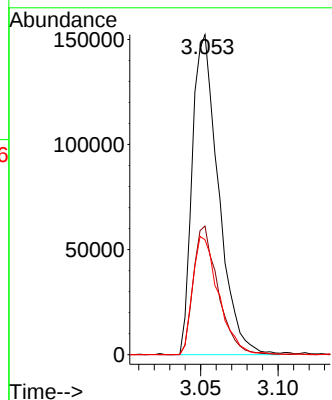
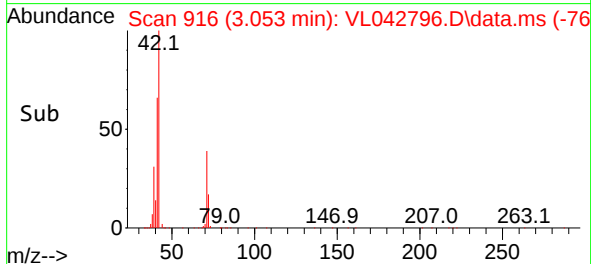
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



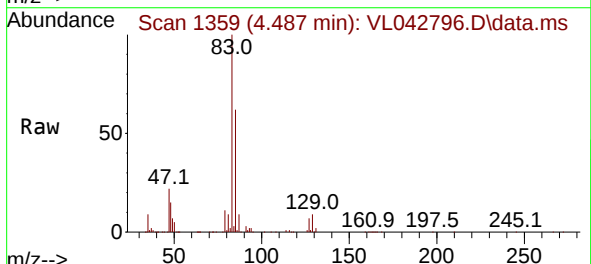
Tgt Ion: 42 Resp: 179539
Ion Ratio Lower Upper
42 100
72 38.1 30.9 46.3
71 36.8 28.6 43.0

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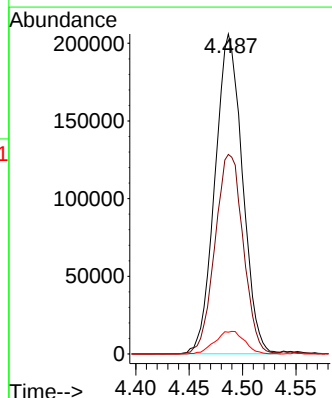
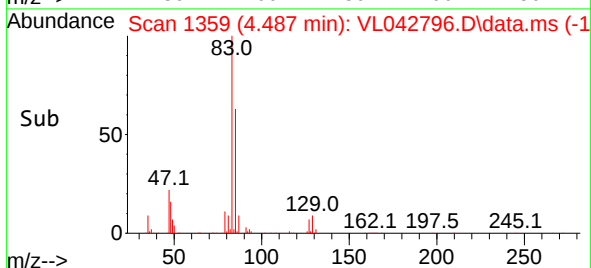
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

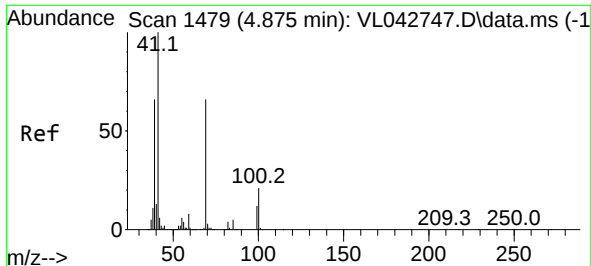


#42
Bromodichloromethane
Concen: 11.618 ppbv
RT: 4.487 min Scan# 1359
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



Tgt Ion: 83 Resp: 368522
Ion Ratio Lower Upper
83 100
85 62.3 50.2 75.4
127 6.8 5.4 8.2





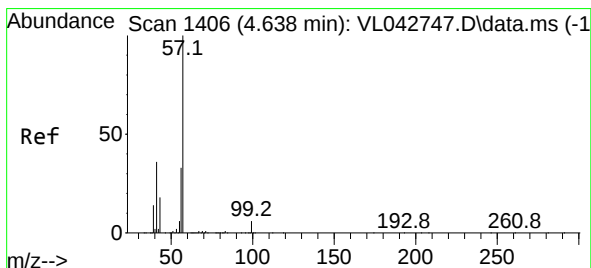
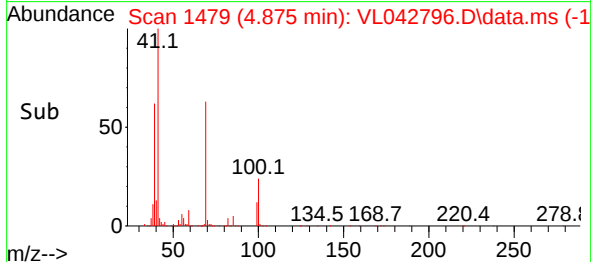
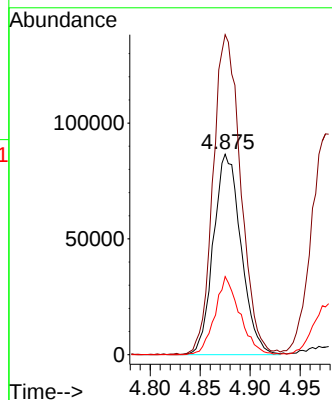
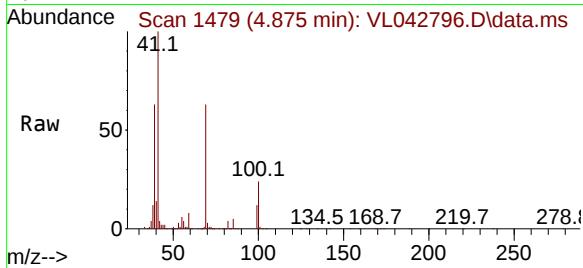
#43
Methyl Methacrylate
Concen: 11.594 ppbv
RT: 4.875 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 166622
Ion Ratio Lower Upper
69 100
41 159.6 125.7 188.5
100 35.1 28.6 42.8

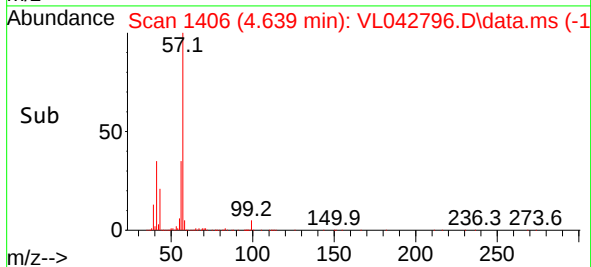
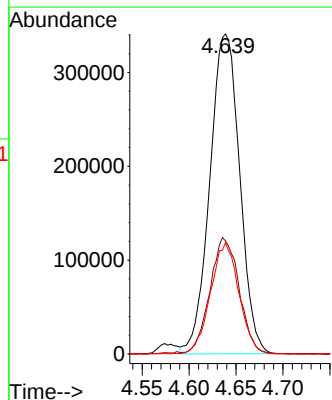
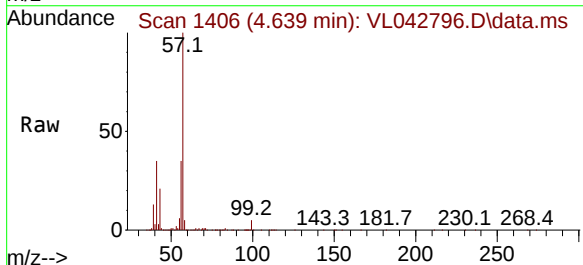
Manual Integrations
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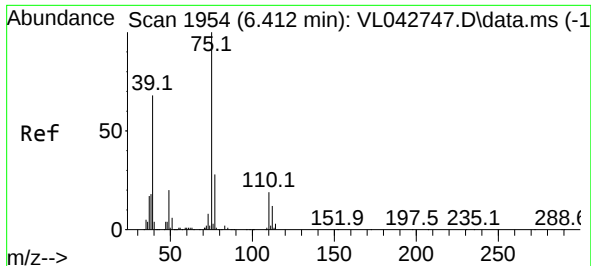
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#44
2,2,4-Trimethylpentane
Concen: 11.456 ppbv
RT: 4.639 min Scan# 1406
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion: 57 Resp: 754946
Ion Ratio Lower Upper
57 100
41 35.8 28.3 42.5
56 33.1 25.8 38.6





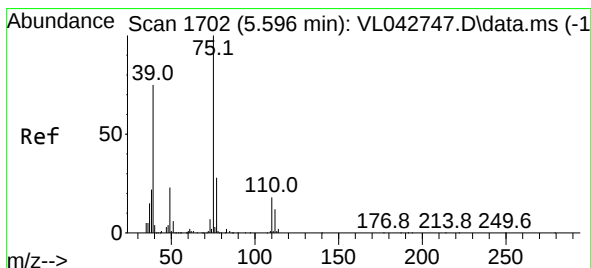
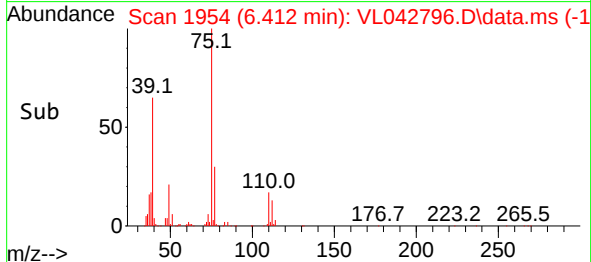
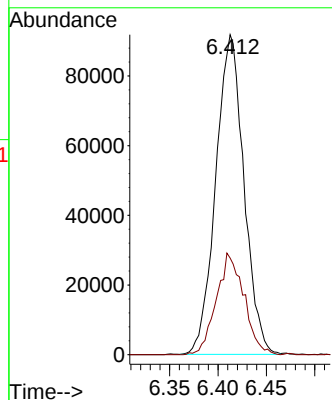
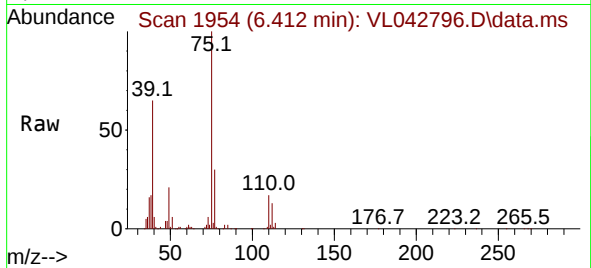
#45
 t-1,3-Dichloropropene
 Concen: 11.524 ppbv
 RT: 6.412 min Scan# 1954
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 75 Resp: 18571
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.4 33.6

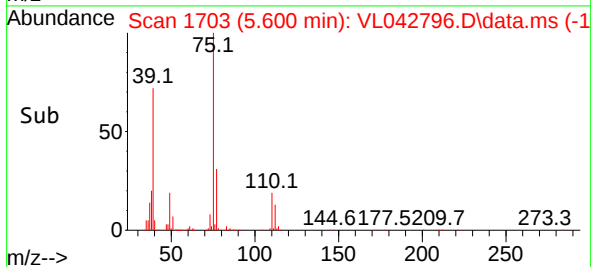
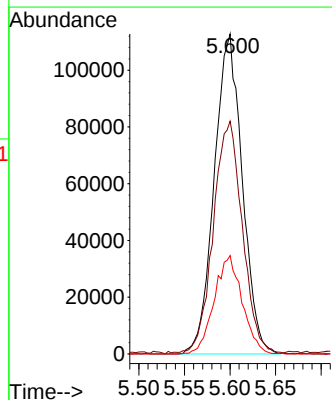
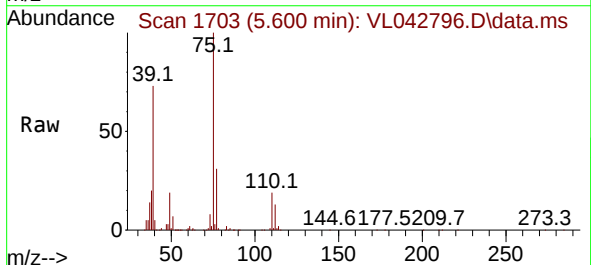
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#46
 cis-1,3-Dichloropropene
 Concen: 11.799 ppbv
 RT: 5.600 min Scan# 1703
 Delta R.T. 0.004 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

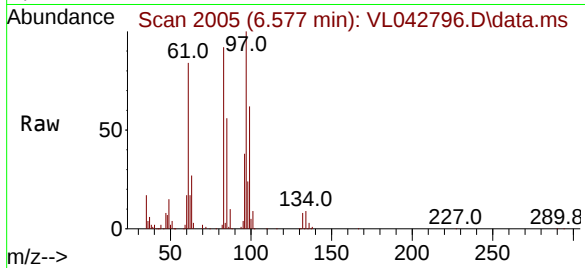
Tgt Ion: 75 Resp: 240949
 Ion Ratio Lower Upper
 75 100
 39 72.3 60.2 90.2
 77 30.6 22.6 34.0





#47
1,1,2-Trichloroethane
Concen: 11.078 ppbv
RT: 6.577 min Scan# 2005
Delta R.T. -0.003 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

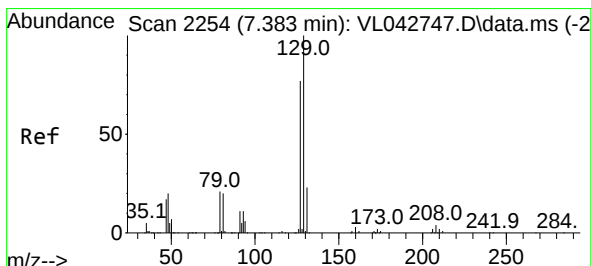
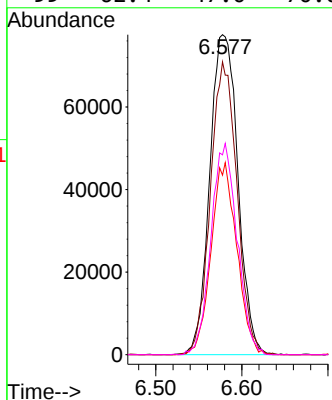
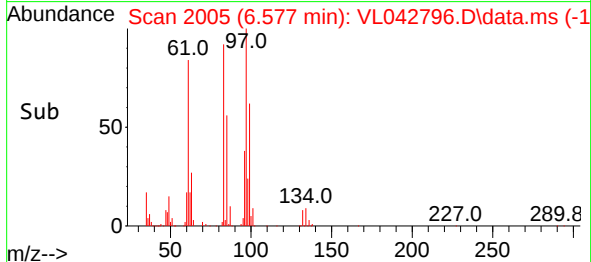
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 176245
Ion Ratio Lower Upper
97 100
83 91.4 71.1 106.7
85 56.1 43.0 64.4
99 62.4 47.0 70.6

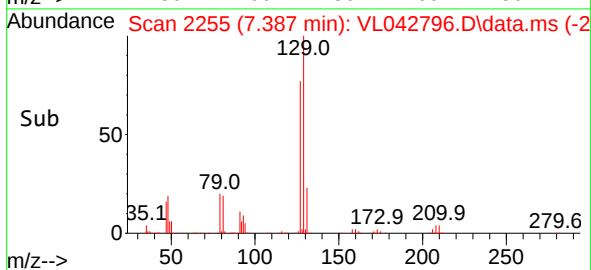
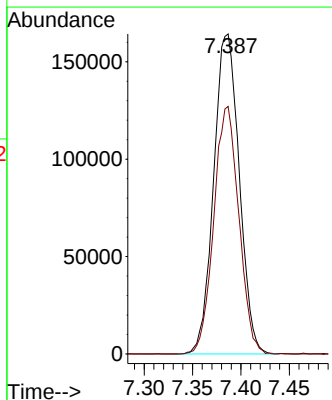
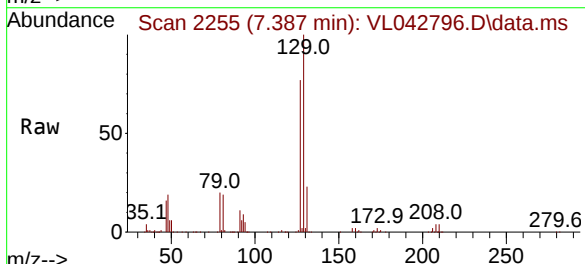
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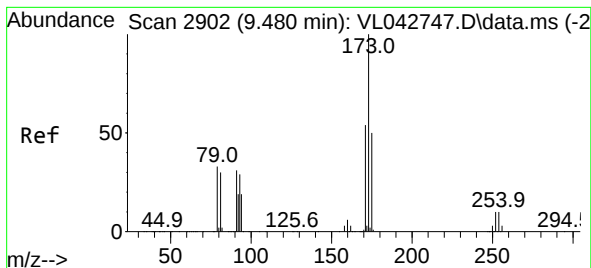
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#48
Dibromochloromethane
Concen: 11.954 ppbv
RT: 7.387 min Scan# 2255
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion:129 Resp: 301910
Ion Ratio Lower Upper
129 100
127 75.7 38.7 116.1





#49

Bromoform

Concen: 11.932 ppbv

RT: 9.481 min Scan# 2902

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

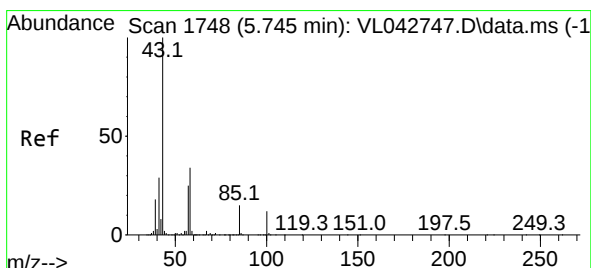
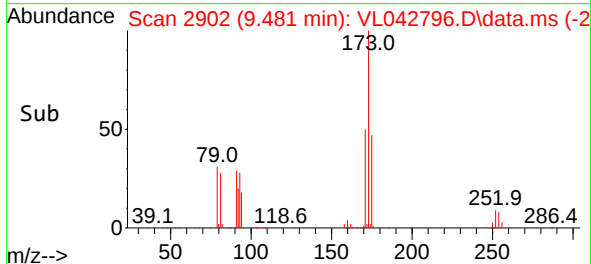
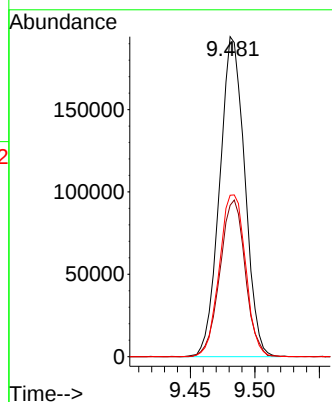
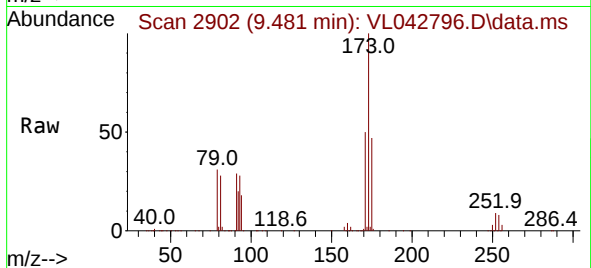
VSTDCCC010

Tgt Ion:173 Resp: 26276
 Ion Ratio Lower Upper
 173 100
 175 49.4 38.4 57.6
 171 52.7 40.9 61.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#50

4-Methyl-2-Pentanone

Concen: 11.662 ppbv

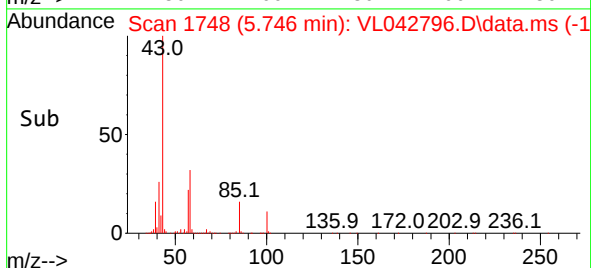
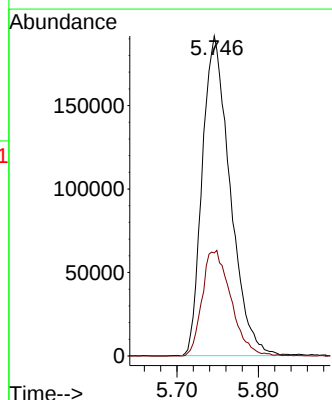
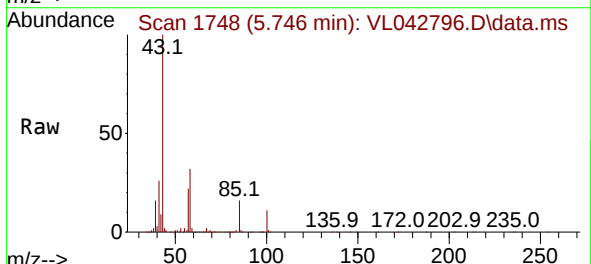
RT: 5.746 min Scan# 1748

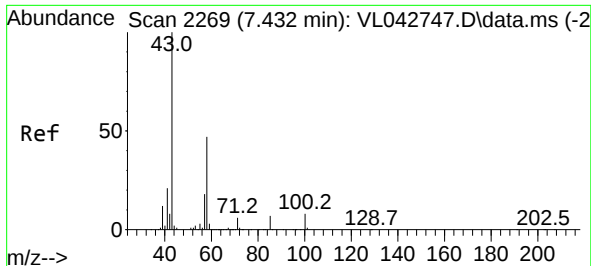
Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

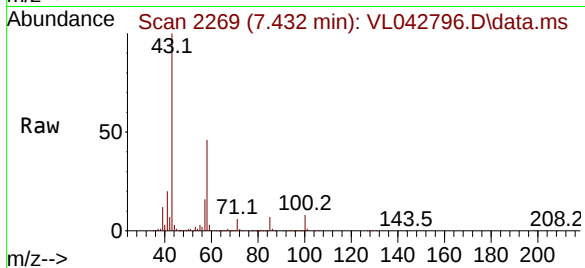
Tgt Ion: 43 Resp: 453959
 Ion Ratio Lower Upper
 43 100
 58 34.2 27.8 41.8





#51
2-Hexanone
Concen: 12.258 ppbv
RT: 7.432 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

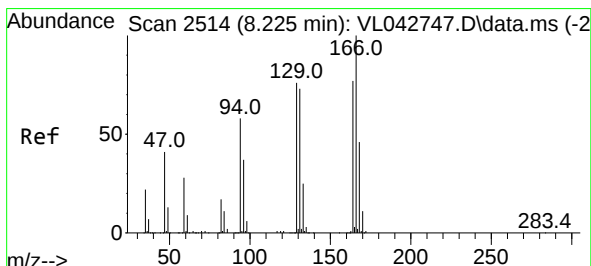
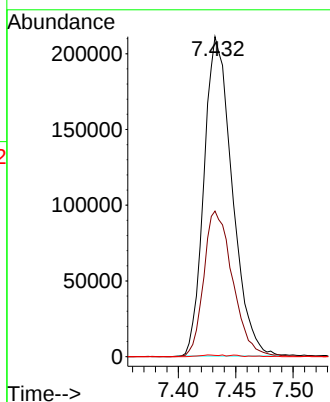
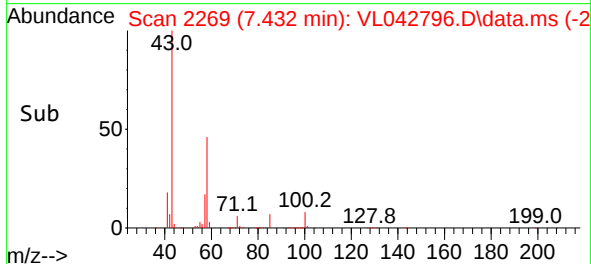
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 360580
Ion Ratio Lower Upper
43 100
58 46.8 38.0 57.0
98 0.7 0.2 0.4

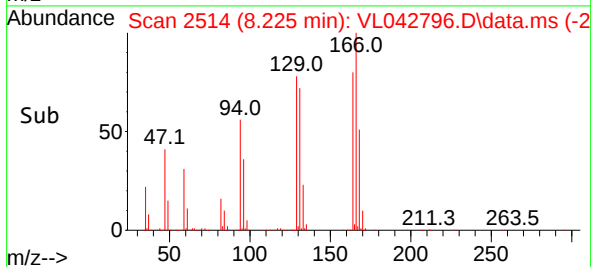
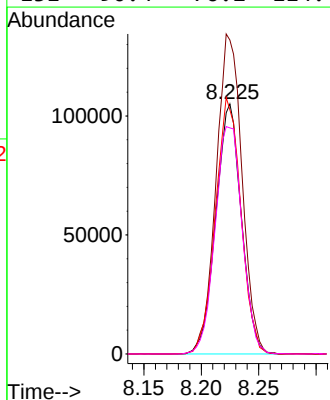
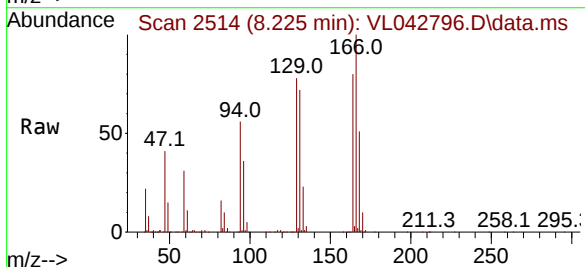
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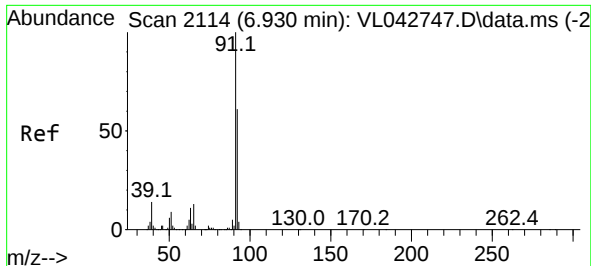
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#52
Tetrachloroethene
Concen: 9.686 ppbv
RT: 8.225 min Scan# 2514
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

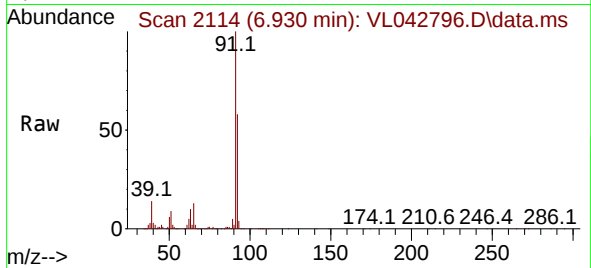
Tgt Ion:164 Resp: 162318
Ion Ratio Lower Upper
164 100
166 125.5 104.0 156.0
129 97.6 79.2 118.8
131 90.4 76.2 114.4





#53
Toluene
Concen: 11.278 ppbv
RT: 6.930 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

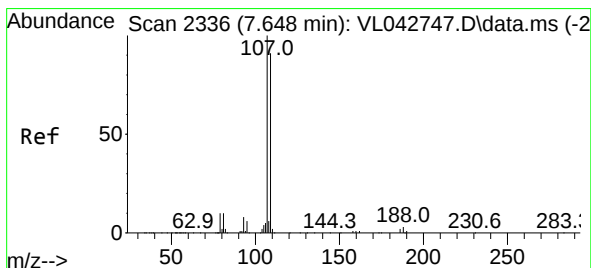
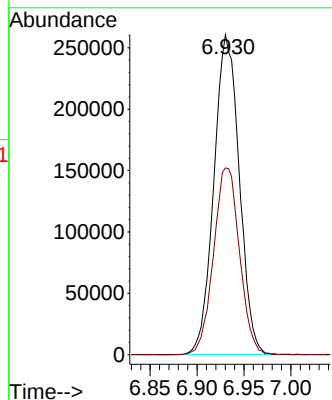
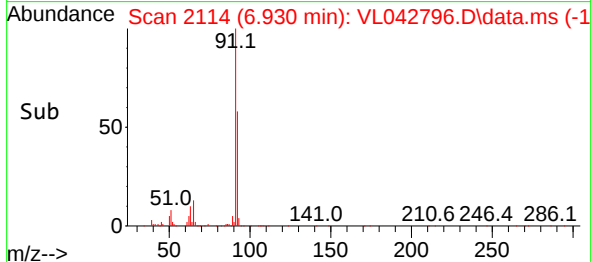
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



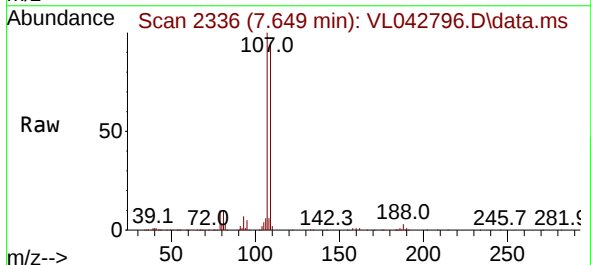
Tgt Ion: 91 Resp: 489672
Ion Ratio Lower Upper
91 100
92 59.8 48.0 72.0

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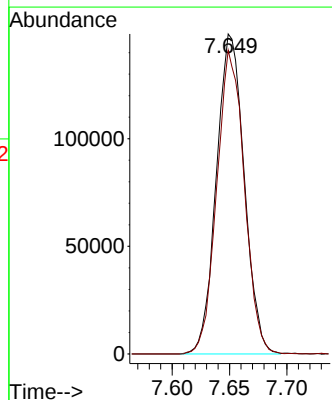
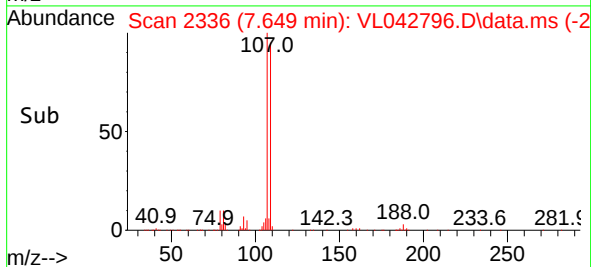
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

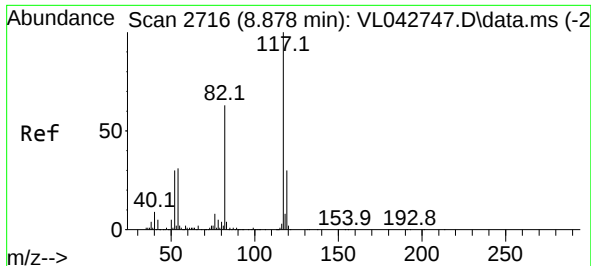


#54
1,2-Dibromoethane
Concen: 11.165 ppbv
RT: 7.649 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



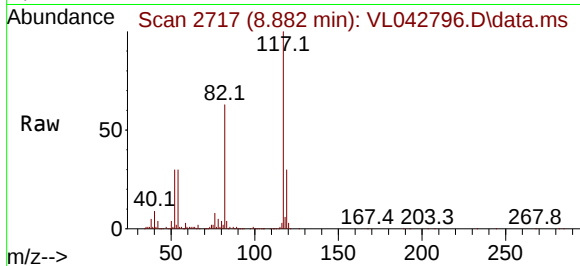
Tgt Ion:107 Resp: 250956
Ion Ratio Lower Upper
107 100
109 95.0 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.882 min Scan# 2717
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

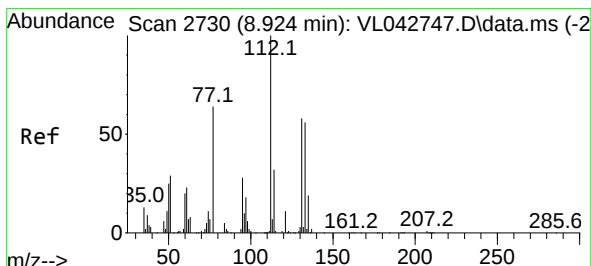
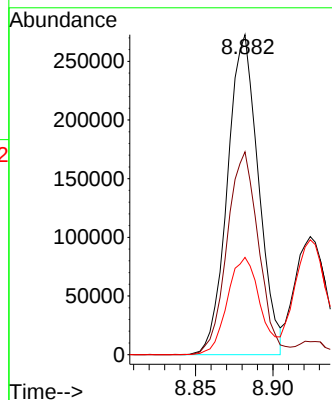
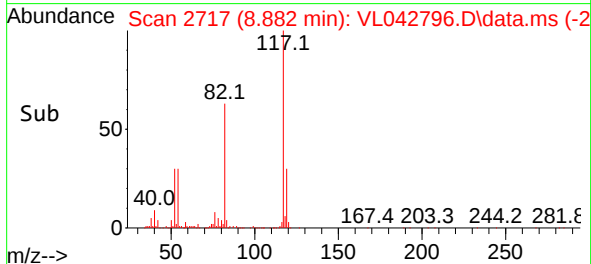
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 38001
Ion Ratio Lower Upper
117 100
82 68.7 53.3 79.9
119 32.4 25.8 38.6

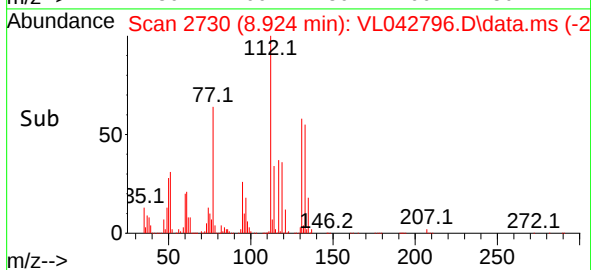
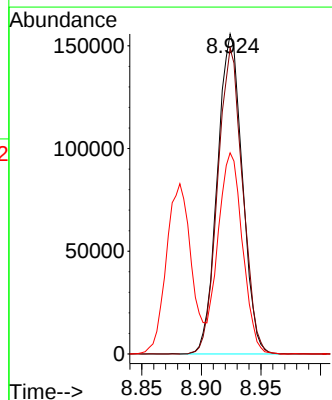
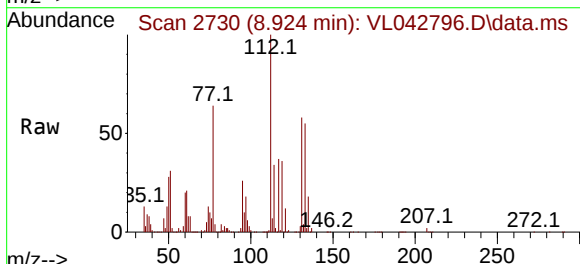
Manual Integrations
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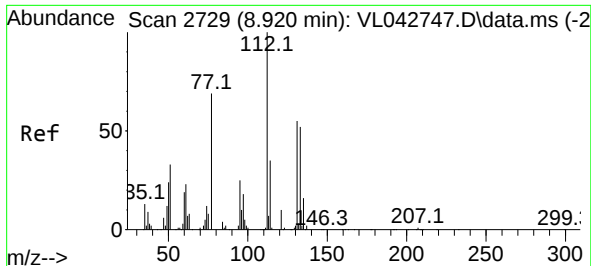
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 11.479 ppbv
RT: 8.924 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

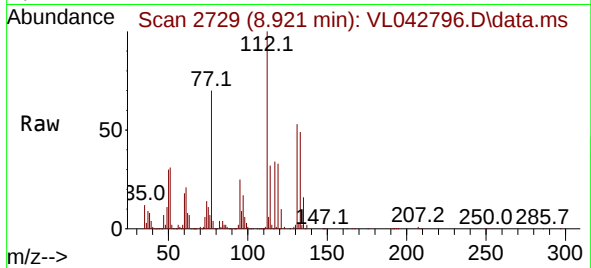
Tgt Ion:131 Resp: 226803
Ion Ratio Lower Upper
131 100
133 95.3 76.8 115.2
119 62.3 49.7 74.5





#57
Chlorobenzene
Concen: 10.808 ppbv
RT: 8.921 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

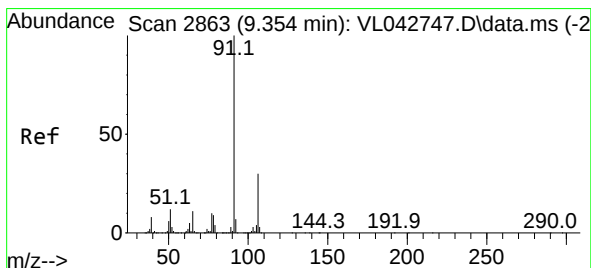
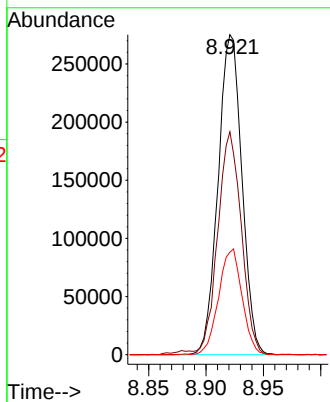
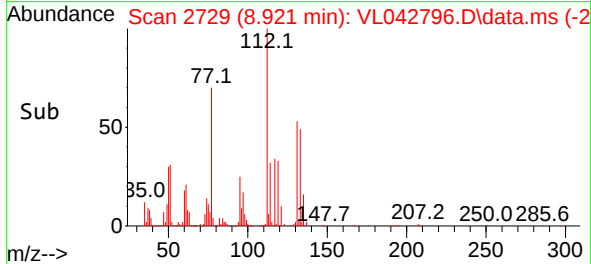
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 397515
Ion Ratio Lower Upper
112 100
77 69.7 56.4 84.6
114 32.0 31.2 38.2

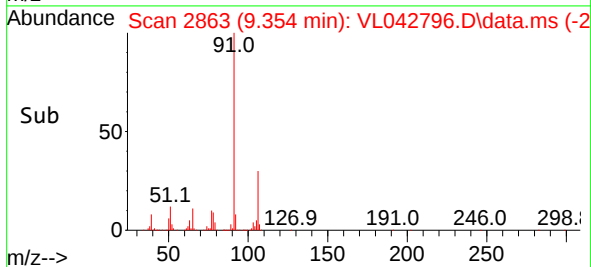
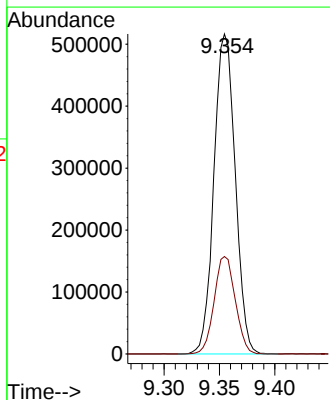
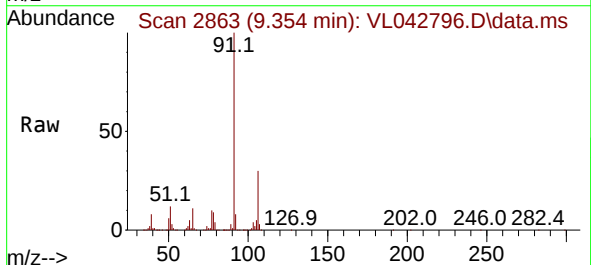
Manual Integrations
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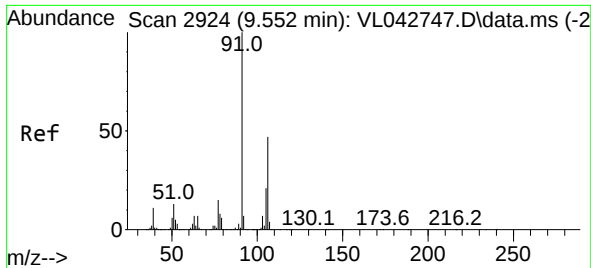
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#58
Ethyl Benzene
Concen: 11.533 ppbv
RT: 9.354 min Scan# 2863
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion: 91 Resp: 692150
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6





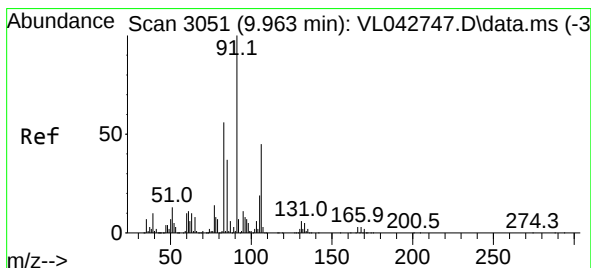
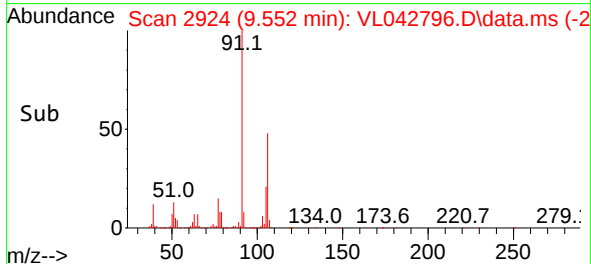
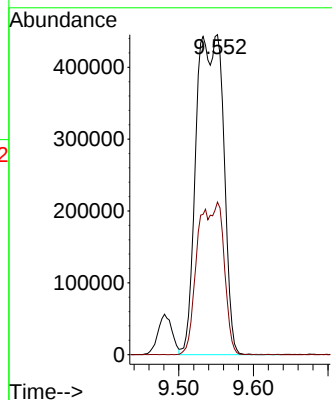
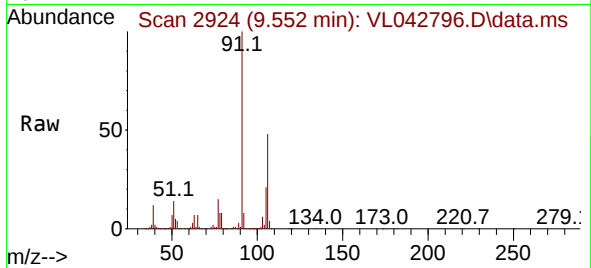
#59
m/p-Xylene
Concen: 23.649 ppbv m
RT: 9.552 min Scan# 2924
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1134244
Ion Ratio Lower Upper
91 100
106 46.0 37.4 56.2

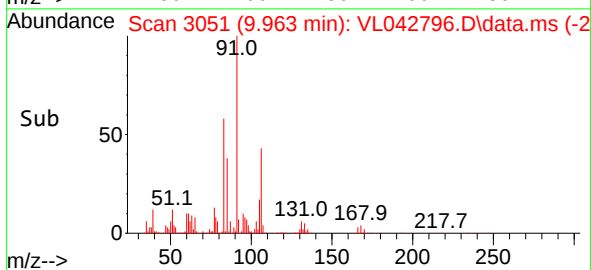
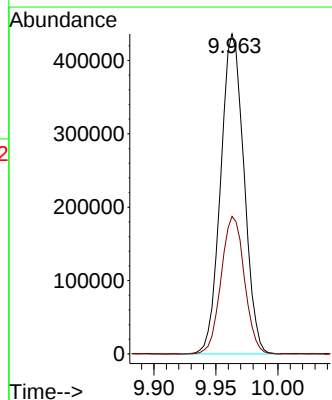
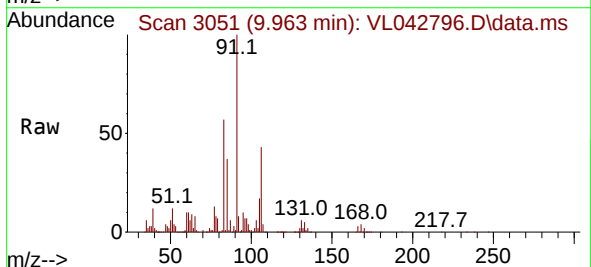
Manual Integrations
APPROVED

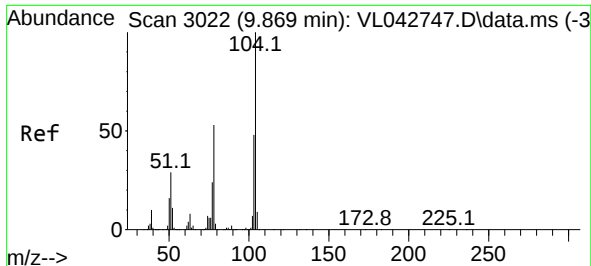
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#60
o-Xylene
Concen: 11.935 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion: 91 Resp: 571988
Ion Ratio Lower Upper
91 100
106 43.0 22.0 66.0





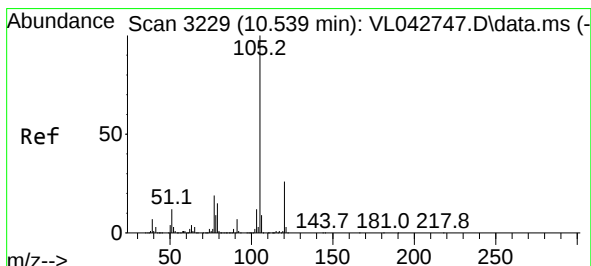
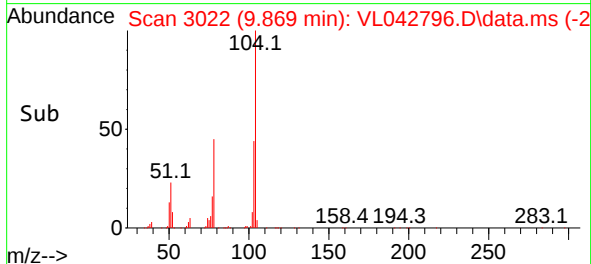
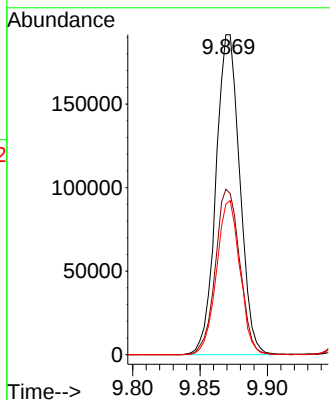
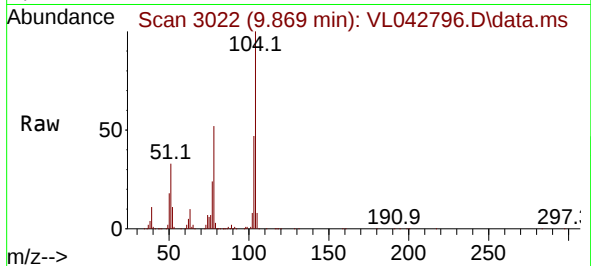
#61
Styrene
Concen: 11.699 ppbv
RT: 9.869 min Scan# 3022
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 235848
Ion Ratio Lower Upper
104 100
78 52.9 41.5 62.3
103 47.3 37.5 56.3

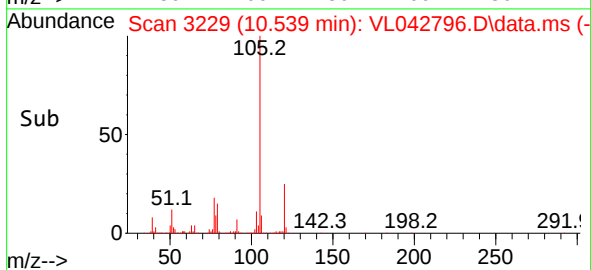
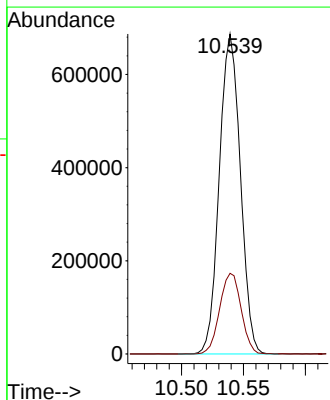
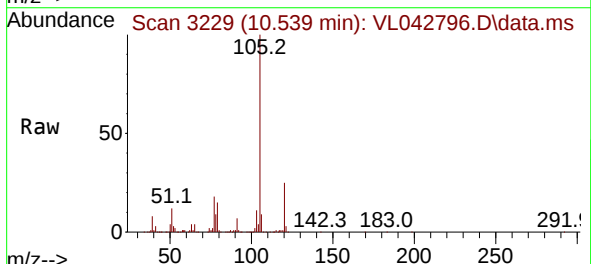
Manual Integrations
APPROVED

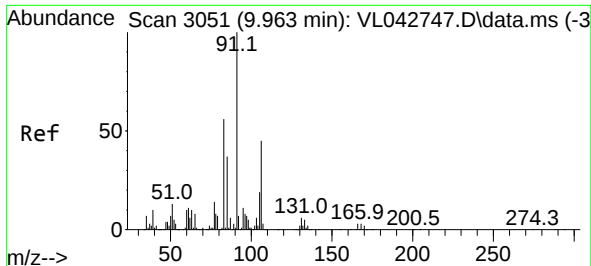
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#62
Isopropylbenzene
Concen: 11.505 ppbv
RT: 10.539 min Scan# 3229
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

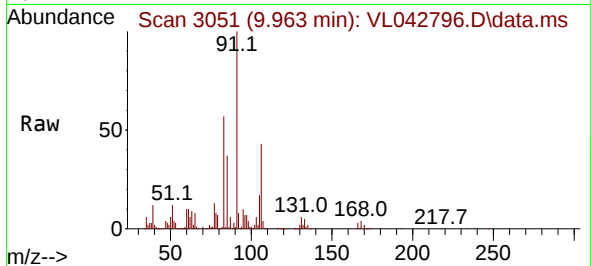
Tgt Ion:105 Resp: 813285
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.647 ppbv
RT: 9.963 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

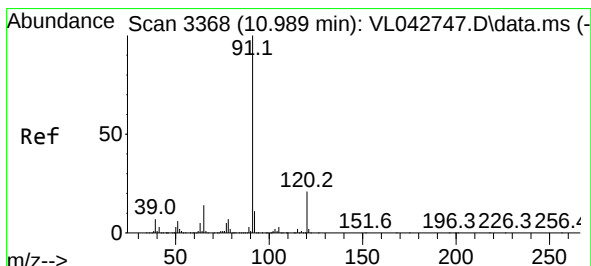
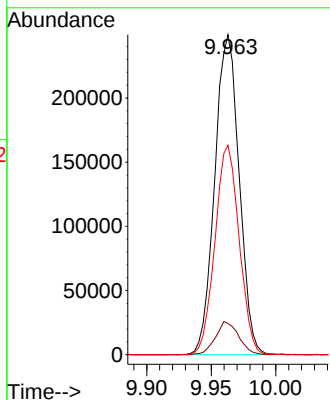
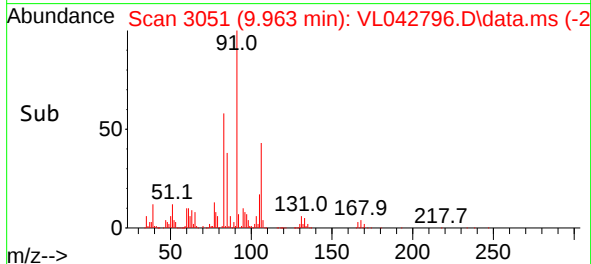
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



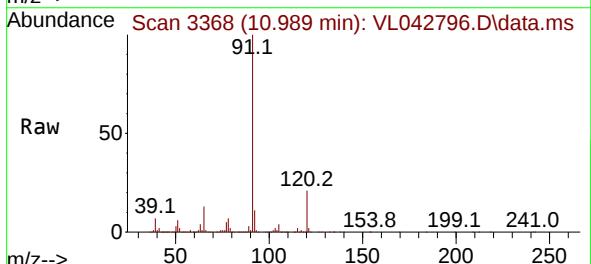
Tgt Ion: 83 Resp: 327594
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.8 32.6 97.7

Manual Integrations
APPROVED

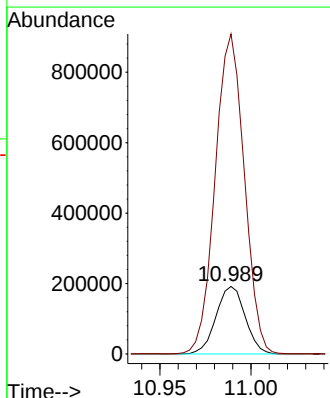
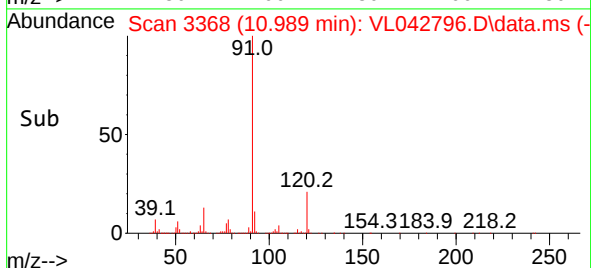
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

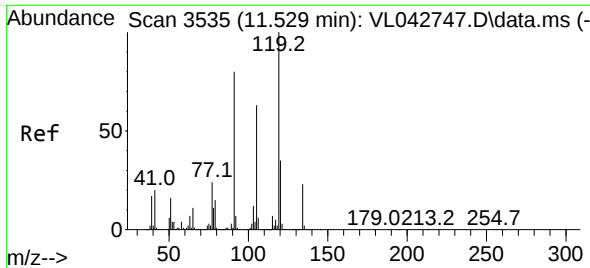


#64
n-propylbenzene
Concen: 11.553 ppbv
RT: 10.989 min Scan# 3368
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



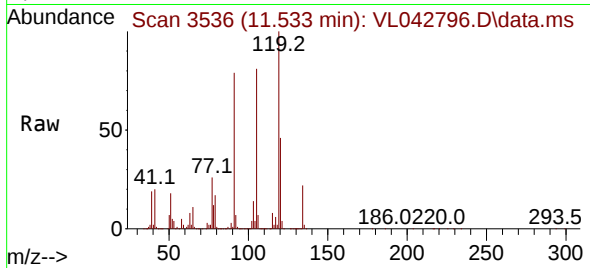
Tgt Ion:120 Resp: 212922
Ion Ratio Lower Upper
120 100
91 474.8 372.7 559.1





#65
tert-Butylbenzene
Concen: 11.633 ppbv
RT: 11.533 min Scan# 3535
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

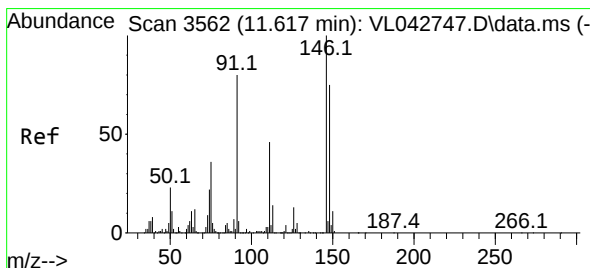
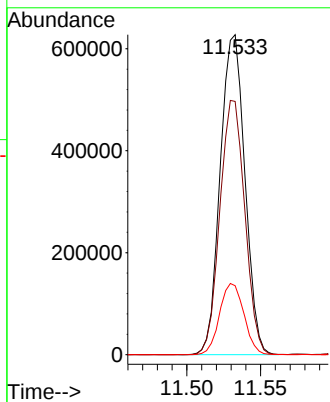
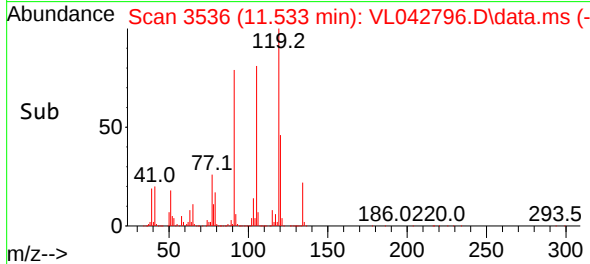
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



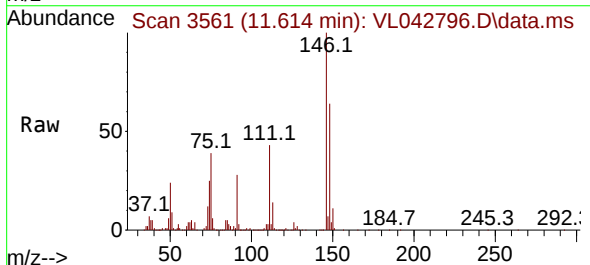
Tgt Ion: 119 Resp: 730489
Ion Ratio Lower Upper
119 100
91 80.3 64.0 96.0
134 22.0 17.3 25.9

Manual Integrations
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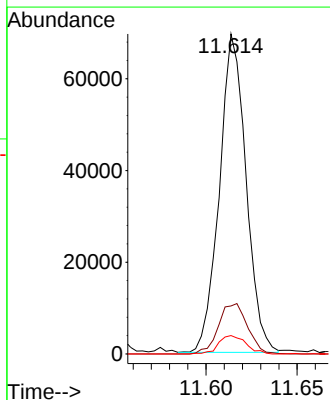
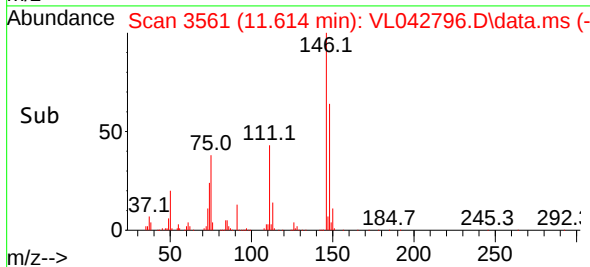
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

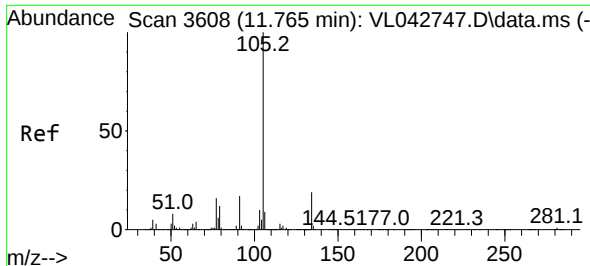


#66
Benzyl Chloride
Concen: 13.694 ppbv
RT: 11.614 min Scan# 3561
Delta R.T. -0.003 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



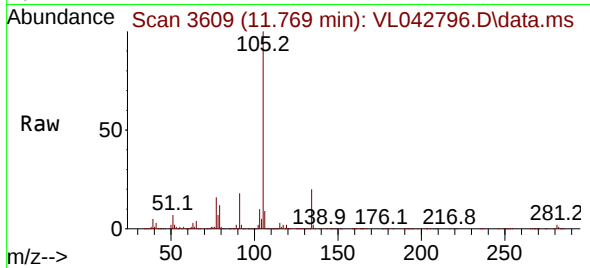
Tgt Ion: 91 Resp: 70588
Ion Ratio Lower Upper
91 100
126 17.3 14.4 21.6
128 6.0 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 11.365 ppbv
 RT: 11.769 min Scan# 3609
 Delta R.T. 0.004 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

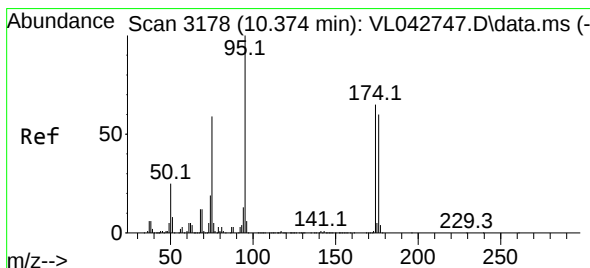
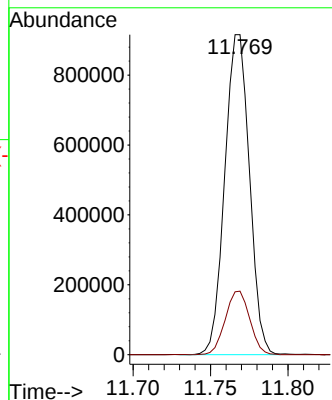
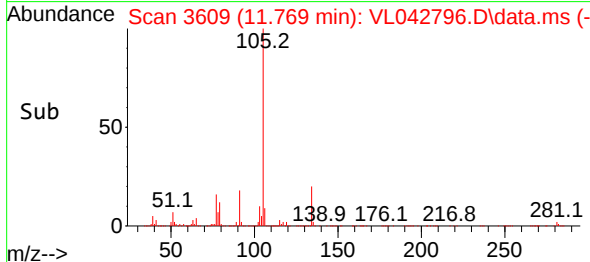
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 101500
 Ion Ratio Lower Upper
 105 100
 134 19.7 15.5 23.3

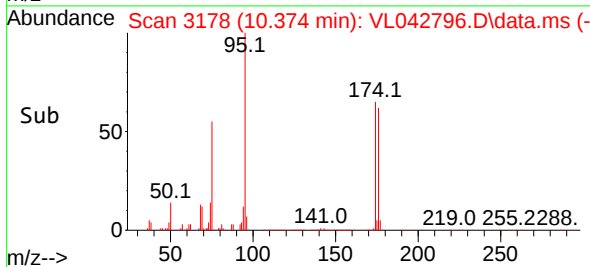
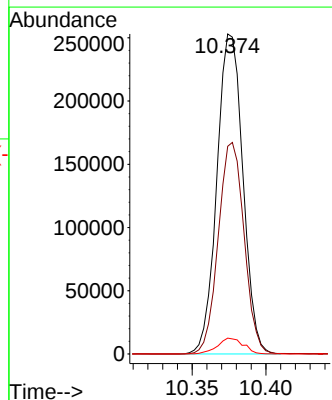
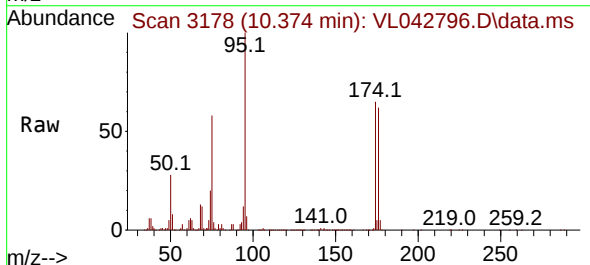
Manual Integrations
 APPROVED

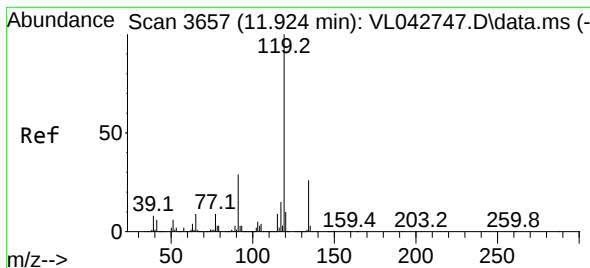
Reviewed By :Semsettin Yesilyurt 08/05/2025
 Supervised By :Mahesh Dadoda 08/05/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.307 ppbv
 RT: 10.374 min Scan# 3178
 Delta R.T. 0.000 min
 Lab File: VL042796.D
 Acq: 04 Aug 2025 09:31

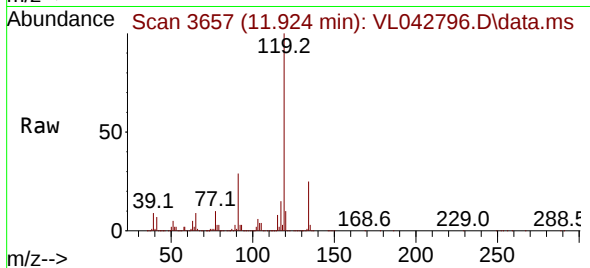
Tgt Ion: 95 Resp: 310203
 Ion Ratio Lower Upper
 95 100
 174 65.7 53.8 80.6
 175 5.0 4.0 6.0





#69
p-Isopropyltoluene
Concen: 12.023 ppbv
RT: 11.924 min Scan# 3657
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

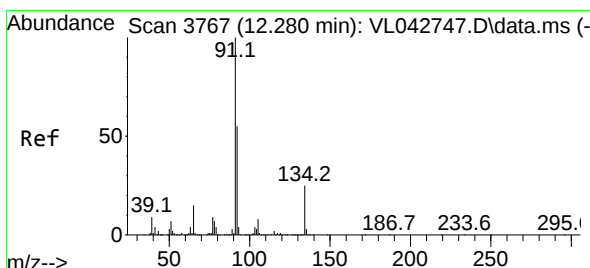
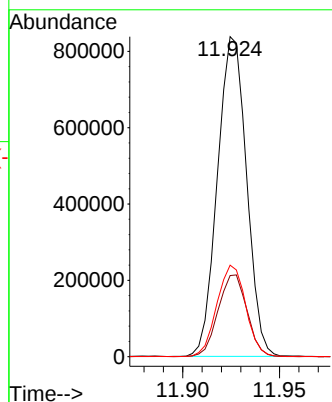
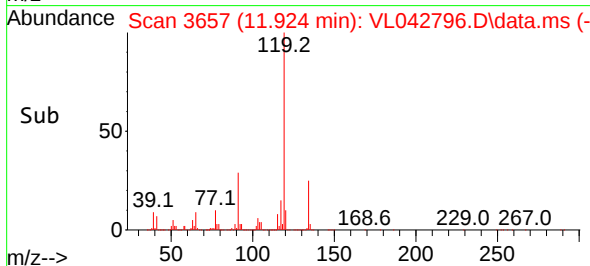
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



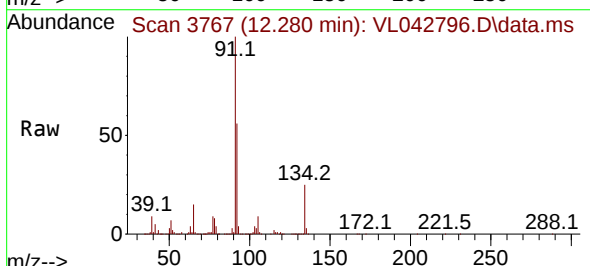
Tgt Ion:119 Resp: 875500
Ion Ratio Lower Upper
119 100
134 25.5 20.6 31.0
91 28.4 23.2 34.8

Manual Integrations
APPROVED

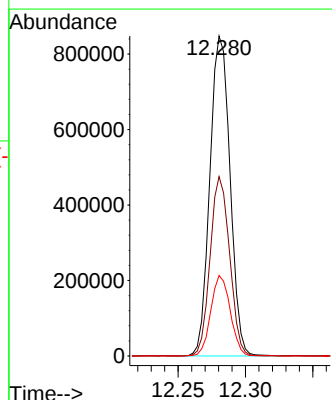
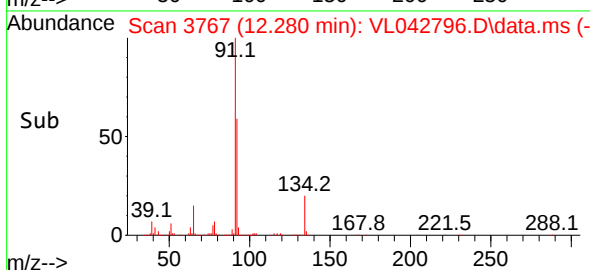
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

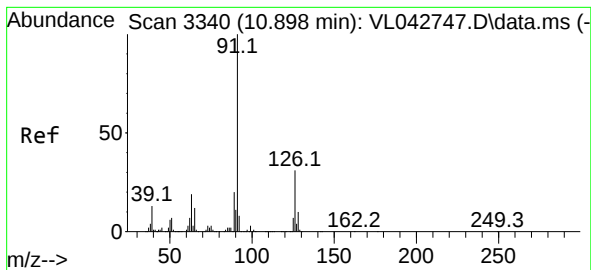


#70
n-Butylbenzene
Concen: 12.546 ppbv
RT: 12.280 min Scan# 3767
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



Tgt Ion: 91 Resp: 882533
Ion Ratio Lower Upper
91 100
92 54.3 43.4 65.2
134 24.2 19.6 29.4





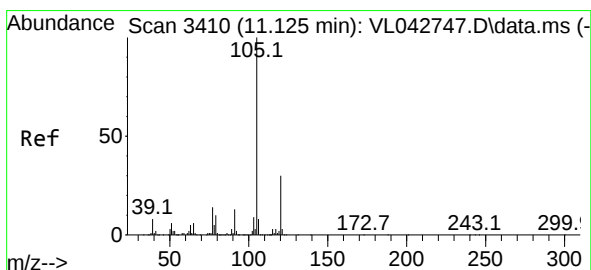
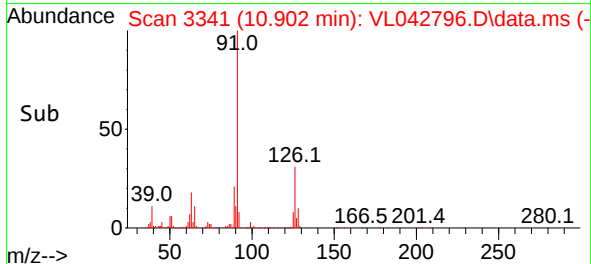
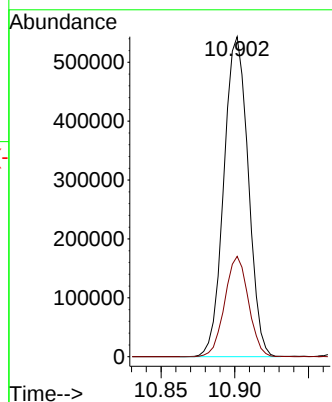
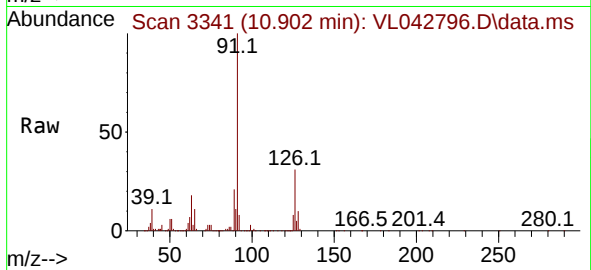
#71
2-Chlorotoluene
Concen: 11.499 ppbv
RT: 10.902 min Scan# 3341
Delta R.T. 0.004 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 623268
Ion Ratio Lower Upper
91 100
126 30.5 12.0 48.2

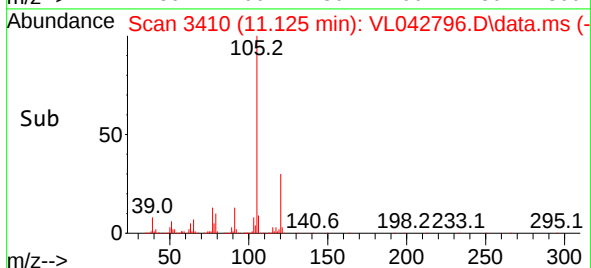
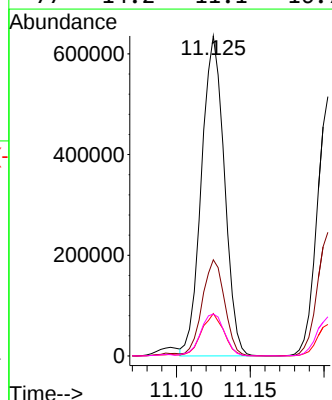
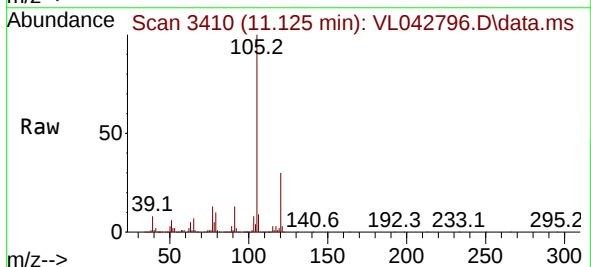
Manual Integrations
APPROVED

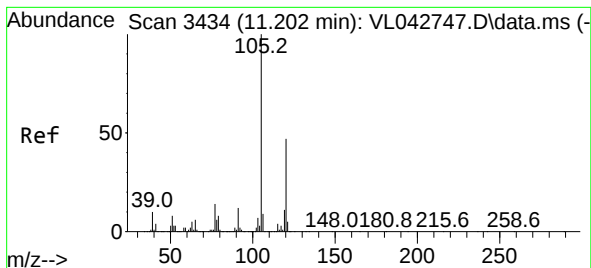
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025



#72
4-Ethyltoluene
Concen: 11.973 ppbv
RT: 11.125 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

Tgt Ion:105 Resp: 685255
Ion Ratio Lower Upper
105 100
120 30.2 24.4 36.6
91 13.3 10.6 15.8
77 14.2 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 12.142 ppbv

RT: 11.203 min Scan# 3434

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 57217

Ion Ratio Lower Upper

105 100

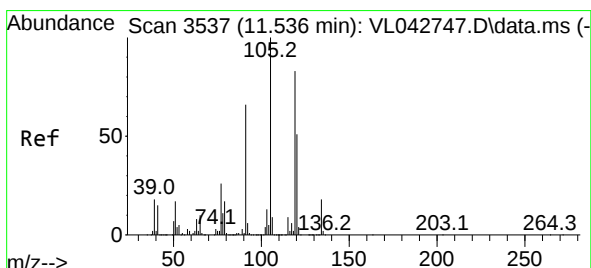
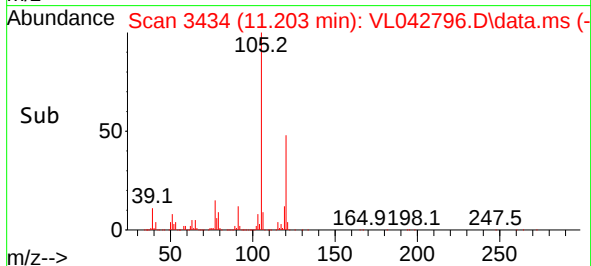
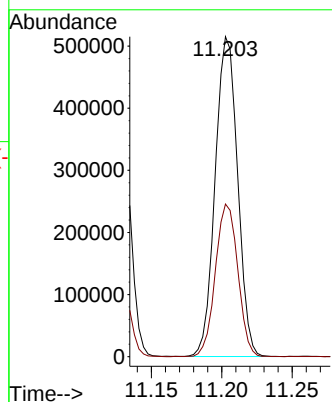
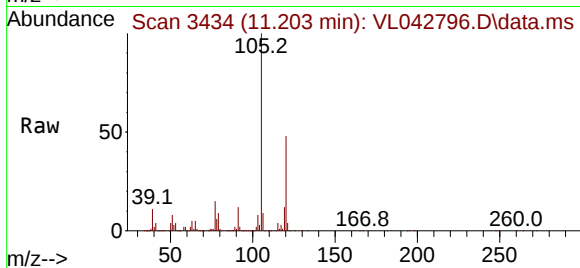
120 47.6 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#74

1,2,4-Trimethylbenzene

Concen: 12.358 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Tgt Ion:105 Resp: 635314

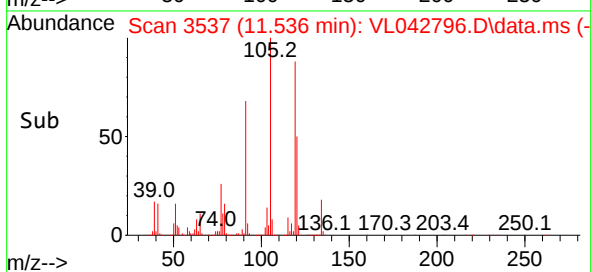
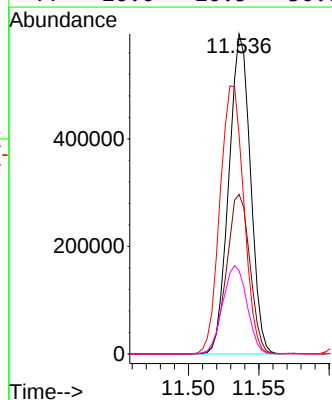
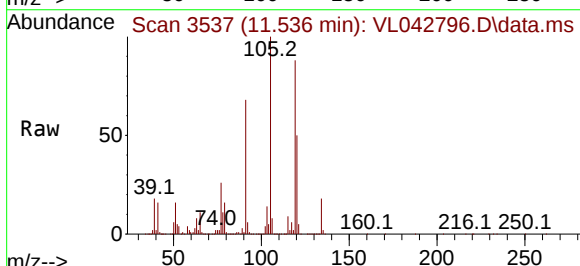
Ion Ratio Lower Upper

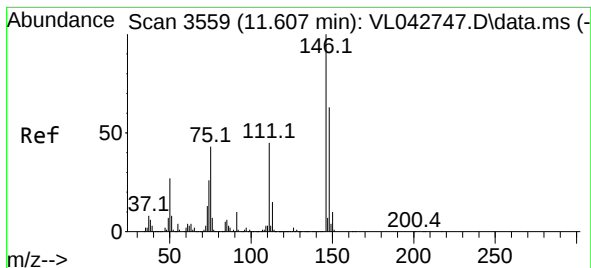
105 100

120 49.9 40.8 61.2

91 68.4 53.0 79.4

77 26.0 20.5 30.7





#75

1,3-Dichlorobenzene

Concen: 11.441 ppbv

RT: 11.607 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 41234

Ion Ratio Lower Upper

146 100

111 44.5 22.7 68.0

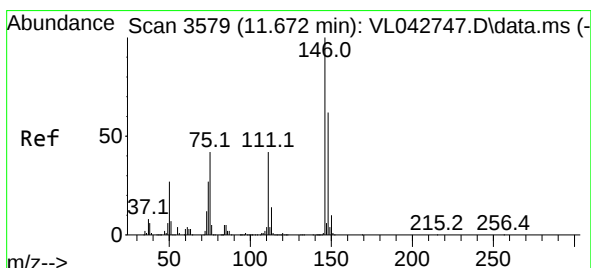
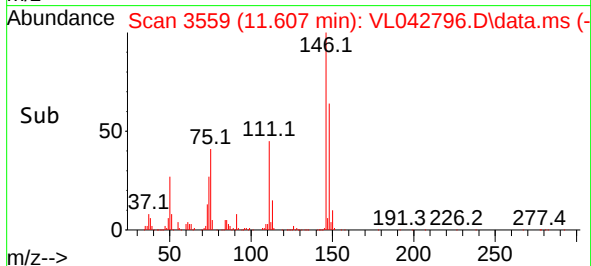
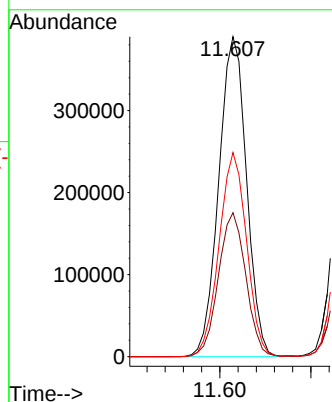
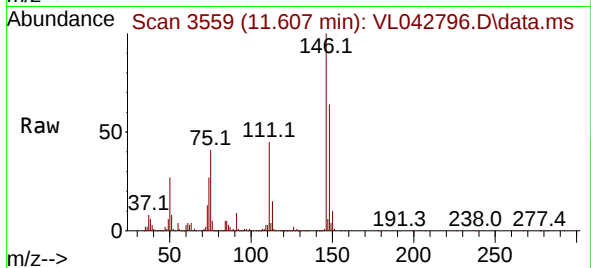
148 63.3 31.9 95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#76

1,4-Dichlorobenzene

Concen: 11.679 ppbv

RT: 11.672 min Scan# 3579

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

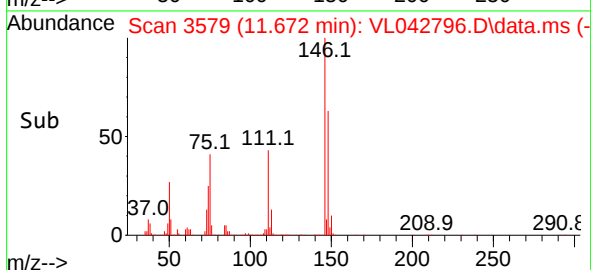
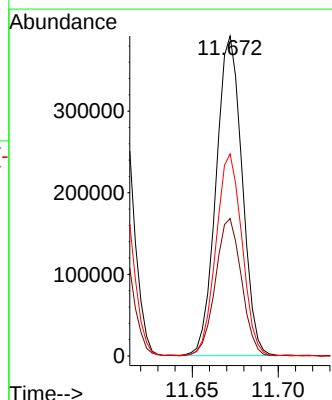
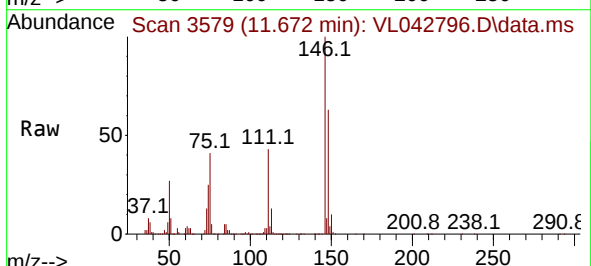
Tgt Ion:146 Resp: 411896

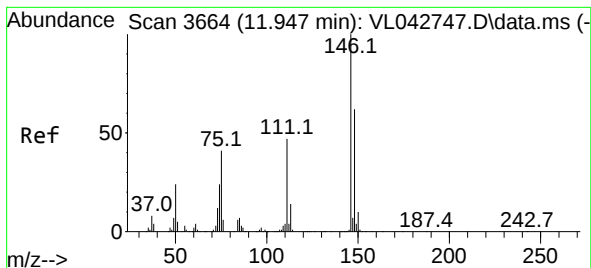
Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.6 32.1 96.3





#77

1,2-Dichlorobenzene

Concen: 11.104 ppbv

RT: 11.947 min Scan# 3664

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 39333

Ion Ratio Lower Upper

146 100

111 46.5 23.7 71.1

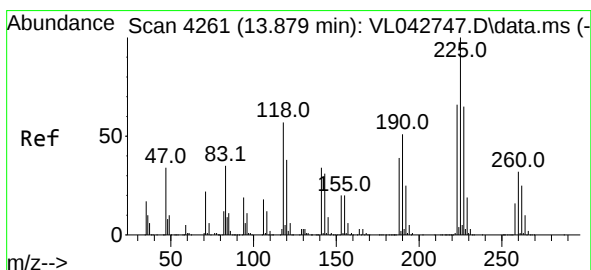
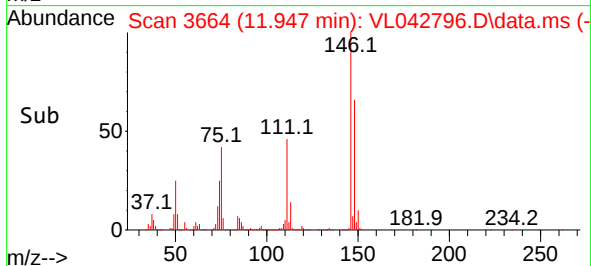
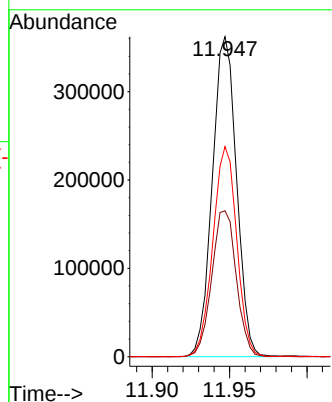
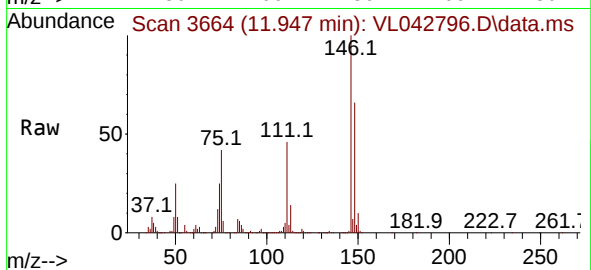
148 64.9 32.6 97.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025

Supervised By :Mahesh Dadoda 08/05/2025



#78

Hexachloro-1,3-Butadiene

Concen: 9.905 ppbv

RT: 13.879 min Scan# 4261

Delta R.T. 0.000 min

Lab File: VL042796.D

Acq: 04 Aug 2025 09:31

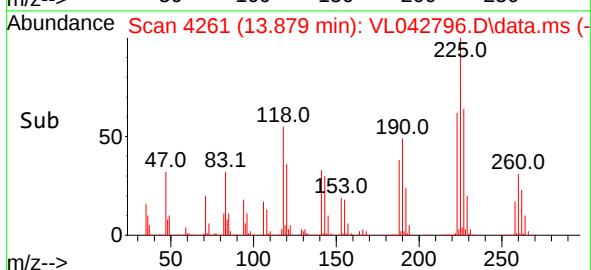
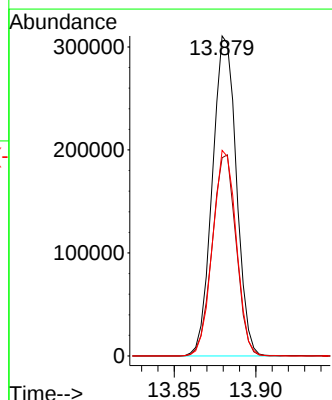
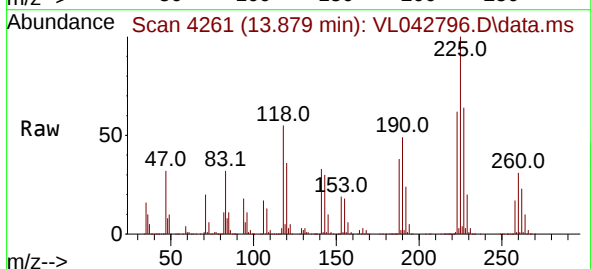
Tgt Ion:225 Resp: 317563

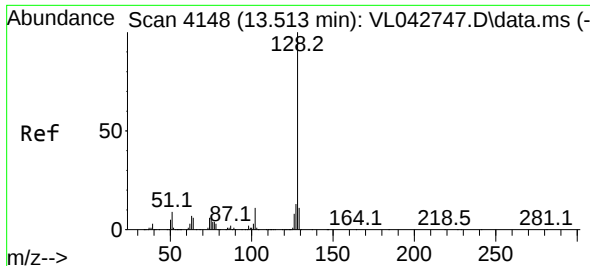
Ion Ratio Lower Upper

225 100

223 62.7 50.7 76.1

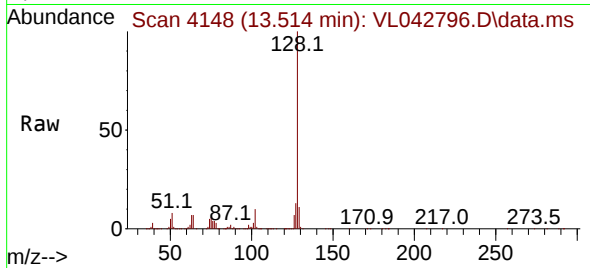
227 63.6 50.5 75.7





#79
Naphthalene
Concen: 10.889 ppbv
RT: 13.514 min Scan# 4148
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31

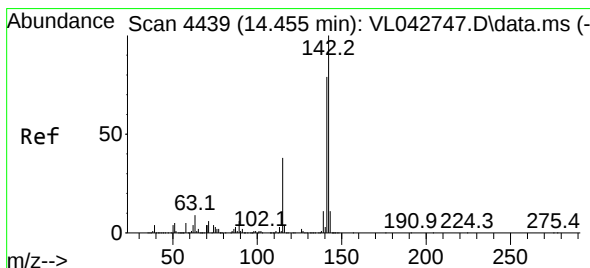
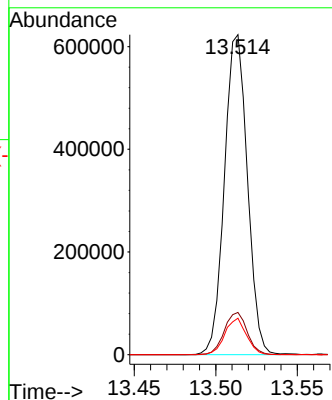
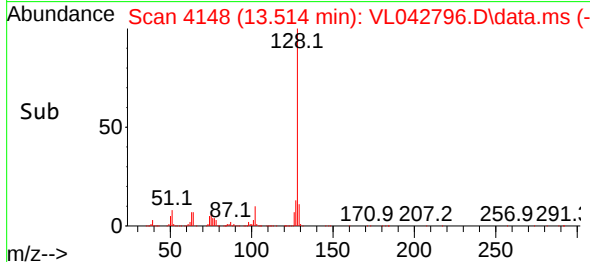
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



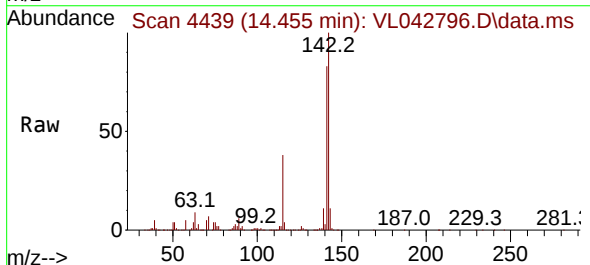
Tgt Ion:128 Resp: 609718
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.4 8.6 13.0

Manual Integrations
APPROVED

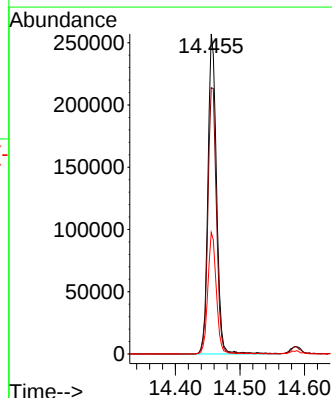
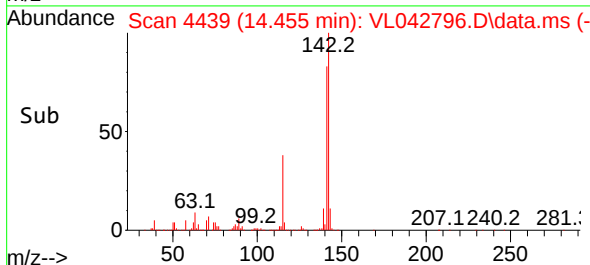
Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

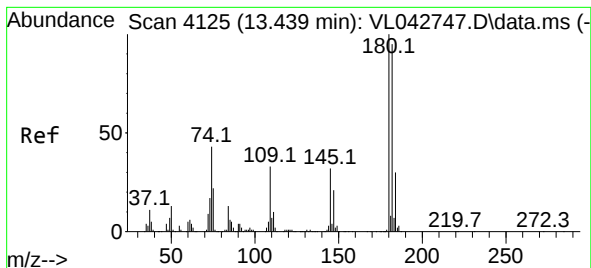


#80
Naphthalene,2-methyl-
Concen: 8.684 ppbv
RT: 14.455 min Scan# 4439
Delta R.T. 0.000 min
Lab File: VL042796.D
Acq: 04 Aug 2025 09:31



Tgt Ion:142 Resp: 237582
Ion Ratio Lower Upper
142 100
141 84.0 65.8 98.8
115 38.0 31.2 46.8





#81

1,2,4-Trichlorobenzene

Concen: 10.915 ppbv

RT: 13.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042796.D

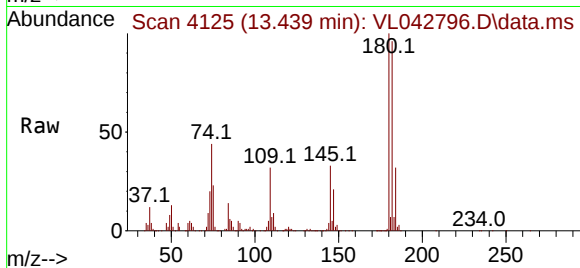
Acq: 04 Aug 2025 09:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:	180	Resp:	34352
Ion Ratio	Lower	Upper	
180	100		
182	94.7	76.2	114.2
184	30.7	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/05/2025
Supervised By :Mahesh Dadoda 08/05/2025

