

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043056.D
 Acq On : 08 Oct 2025 10:23
 Operator : SY/MD
 Sample : VL1008ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 01:13:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

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

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	180769	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	3.965	114	507280	10.000	ppbv	0.03
55) Chlorobenzene-d5	8.888	117	420006	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.383 95 311409 10.292 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	298862	9.809	ppbv	99
3) Chlorodifluoromethane	1.479	51	287792	9.765	ppbv	99
4) Chloromethane	1.534	50	109383	9.829	ppbv	99
5) Vinyl Chloride	1.583	62	100664	9.531	ppbv	98
6) Bromomethane	1.670	94	47728	10.057	ppbv	94
7) Chloroethane	1.706	64	41972	9.524	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	241906	9.690	ppbv	100
9) Propene	1.486	41	112680	9.482	ppbv	97
10) Heptane	4.988	43	320232	10.961	ppbv	99
11) Trichlorofluoromethane	1.881	101	303354	9.689	ppbv	98
12) 1,1,2-Trichlorotrifluo...	2.143	101	236959	9.609	ppbv	98
13) Ethanol	1.725	45	5047	10.450	ppbv	96
14) Bromoethene	1.784	108	85960	9.723	ppbv	100
15) Acetone	1.839	43	214418	8.471	ppbv	99
16) 1,3-Butadiene	1.612	39	99577	9.542	ppbv	99
17) tert-Butyl alcohol	2.043	59	257752	9.627	ppbv	99
18) 1,1-Dichloroethene	2.036	96	103392	9.565	ppbv	99
19) Isopropyl Alcohol	1.887	45	112050	9.240	ppbv	98
20) Methylene Chloride	2.065	84	91977	8.325	ppbv	97
21) Allyl Chloride	2.101	41	157994	9.743	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	116408	9.485	ppbv	96
23) Vinyl Acetate	2.463	43	42601	7.928	ppbv #	97
24) 1,1-Dichloroethane	2.412	63	224330	9.643	ppbv	98
25) Ethyl Acetate	2.839	43	649598	10.231	ppbv	100
26) Hexane	2.832	57	257052	10.524	ppbv	99
27) Carbon Disulfide	2.153	76	282182	9.786	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	141448	9.254	ppbv	100
29) Chloroform	2.852	83	402846	9.674	ppbv	99
30) Cyclohexane	3.865	84	209844	10.455	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	240044	9.560	ppbv	99
32) 1,1,1-Trichloroethane	3.373	97	388607	9.602	ppbv	99
34) 2-Butanone	2.560	43	346409	10.064	ppbv	99
35) Carbon Tetrachloride	3.768	117	414085	9.922	ppbv	97
36) Benzene	3.664	78	505655	10.433	ppbv	99
37) 1,2-Dichloroethane	3.224	62	295335	10.289	ppbv	99
38) Trichloroethene	4.558	130	214599	10.629	ppbv	100
39) 1,2-Dichloropropane	4.321	63	184414	10.265	ppbv	96
40) 1,4-Dioxane	4.587	88	80666	10.469	ppbv #	98
41) Tetrahydrofuran	3.056	42	196371	11.038	ppbv	99
42) Bromodichloromethane	4.496	83	421840	10.407	ppbv	98
43) Methyl Methacrylate	4.888	69	177306	11.020	ppbv	98
44) 2,2,4-Trimethylpentane	4.648	57	876882	11.275	ppbv	99
45) t-1,3-Dichloropropene	6.425	75	149657	10.165	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100825\
 Data File : VL043056.D
 Acq On : 08 Oct 2025 10:23
 Operator : SY/MD
 Sample : VL1008ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

Quant Time: Oct 09 01:13:58 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL100225AIR.M

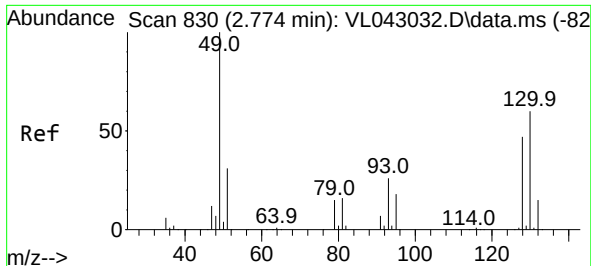
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2025

QLast Update : Fri Oct 03 08:23:34 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.613	75	219390	10.576	ppbv	98
47) 1,1,2-Trichloroethane	6.593	97	202692	10.143	ppbv	93
48) Dibromochloromethane	7.396	129	335227	10.279	ppbv	100
49) Bromoform	9.490	173	277184	10.177	ppbv	100
50) 4-Methyl-2-Pentanone	5.755	43	479434	11.422	ppbv	99
51) 2-Hexanone	7.441	43	357341	11.961	ppbv #	97
52) Tetrachloroethene	8.234	164	174823	9.742	ppbv	98
53) Toluene	6.943	91	550580	11.253	ppbv	100
54) 1,2-Dibromoethane	7.661	107	244672	10.331	ppbv	97
56) 1,1,1,2-Tetrachloroethane	8.933	131	268030	10.469	ppbv	99
57) Chlorobenzene	8.930	112	454755	10.242	ppbv	98
58) Ethyl Benzene	9.361	91	751984	11.557	ppbv	100
59) m/p-Xylene	9.558	91	1263318m	23.019	ppbv	
60) o-Xylene	9.972	91	629102	11.507	ppbv	98
61) Styrene	9.879	104	264798	11.562	ppbv	99
62) Isopropylbenzene	10.545	105	934426	11.134	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	378183	9.643	ppbv	100
64) n-propylbenzene	10.995	120	244470	11.388	ppbv	99
65) tert-Butylbenzene	11.536	119	831489	11.133	ppbv	99
66) Benzyl Chloride	11.620	91	27741	9.718	ppbv	99
67) sec-Butylbenzene	11.772	105	1135694	10.896	ppbv	100
69) p-Isopropyltoluene	11.931	119	948994	11.193	ppbv	99
70) n-Butylbenzene	12.287	91	917717	11.241	ppbv	100
71) 2-Chlorotoluene	10.908	91	667532	10.990	ppbv	100
72) 4-Ethyltoluene	11.131	105	744358	11.439	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	624701	11.098	ppbv	99
74) 1,2,4-Trimethylbenzene	11.542	105	697335	10.976	ppbv	96
75) 1,3-Dichlorobenzene	11.613	146	408885	9.895	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	405222	10.285	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	395362	9.606	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	294735	10.277	ppbv	99
79) Naphthalene	13.517	128	540252	10.024	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	208159	8.390	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	311481	12.721	ppbv	98

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



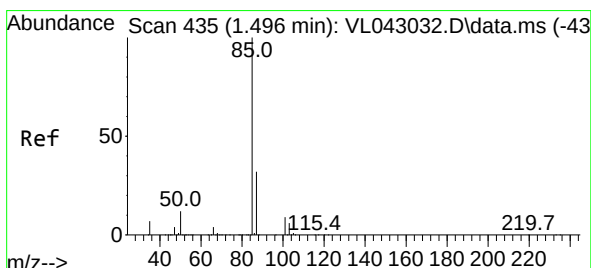
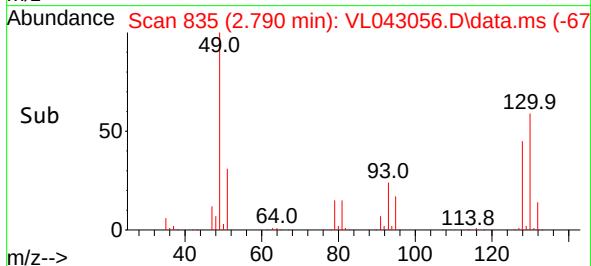
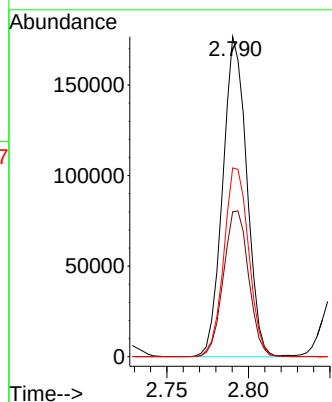
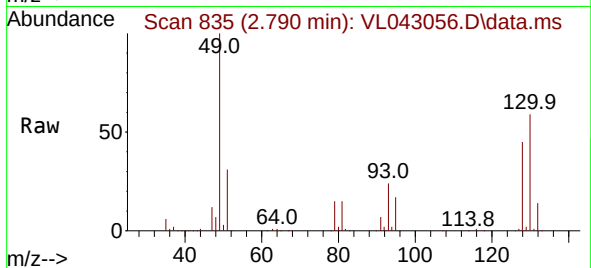
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 49 Resp: 180769
Ion Ratio Lower Upper
49 100
128 47.9 24.1 72.2
130 61.1 31.4 94.3

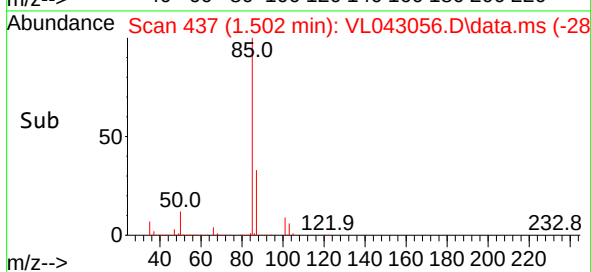
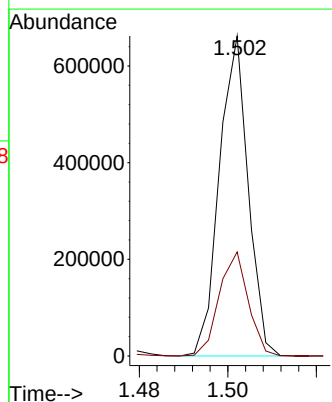
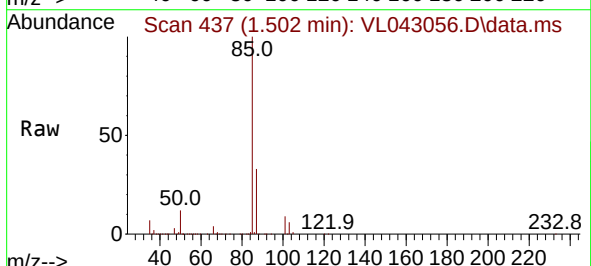
Manual Integrations
APPROVED

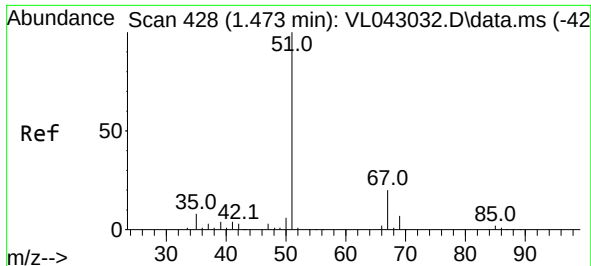
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#2
Dichlorodifluoromethane
Concen: 9.809 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 85 Resp: 298862
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6





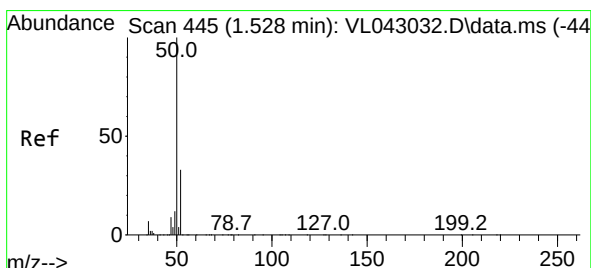
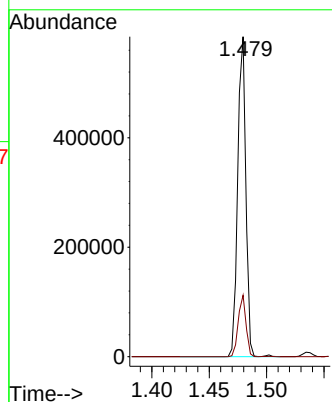
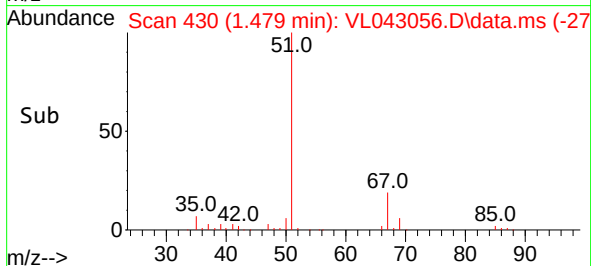
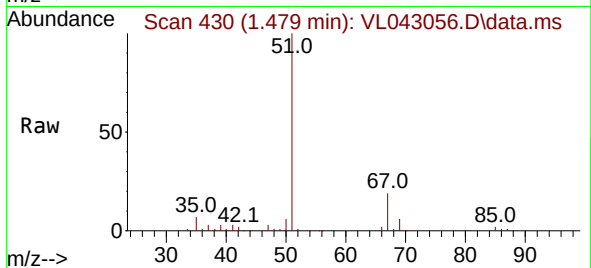
#3
Chlorodifluoromethane
Concen: 9.765 ppbv
RT: 1.479 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 51 Resp: 287792
Ion Ratio Lower Upper
51 100
67 18.5 15.1 22.7

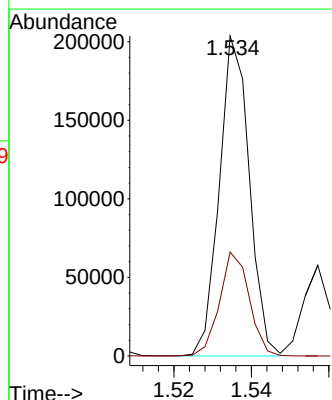
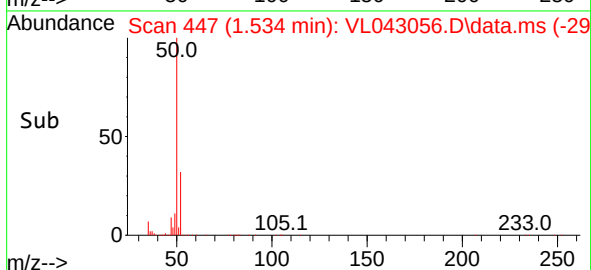
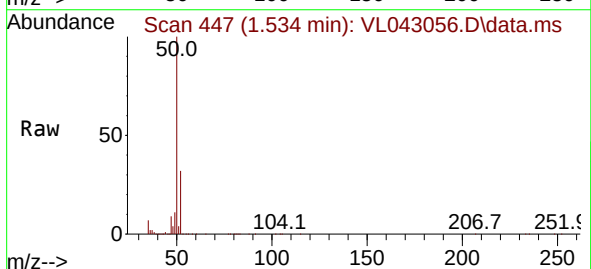
Manual Integrations
APPROVED

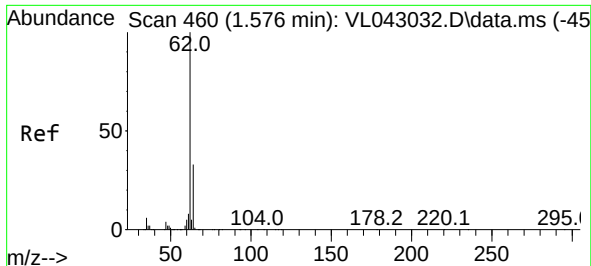
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#4
Chloromethane
Concen: 9.829 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

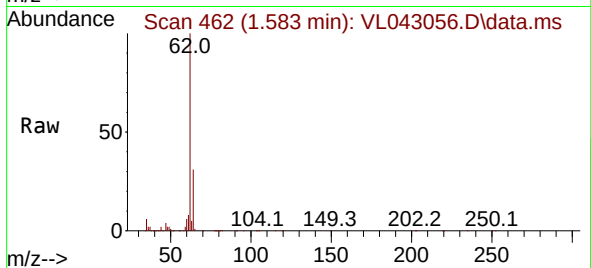
Tgt Ion: 50 Resp: 109383
Ion Ratio Lower Upper
50 100
52 32.4 26.2 39.2





#5
 Vinyl Chloride
 Concen: 9.531 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.007 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

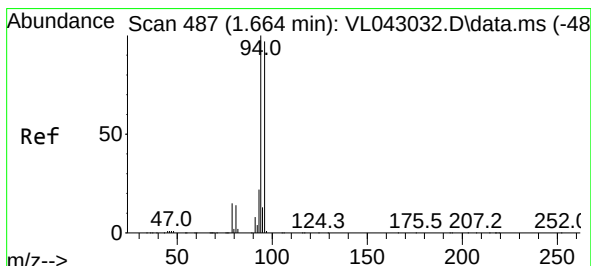
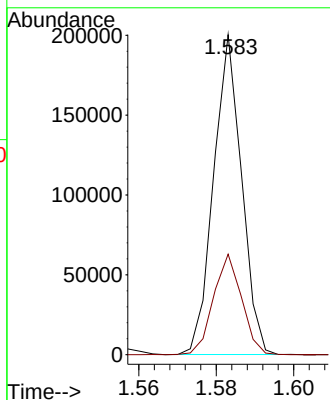
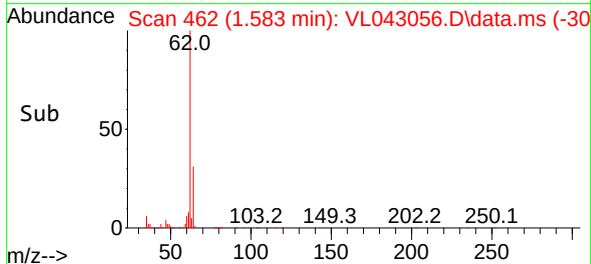
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01



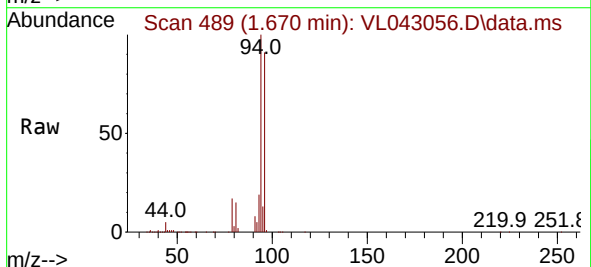
Tgt Ion: 62 Resp: 100664
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.2 39.2

Manual Integrations
 APPROVED

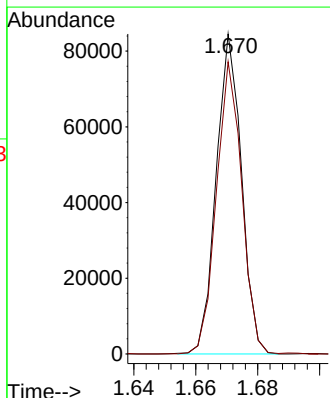
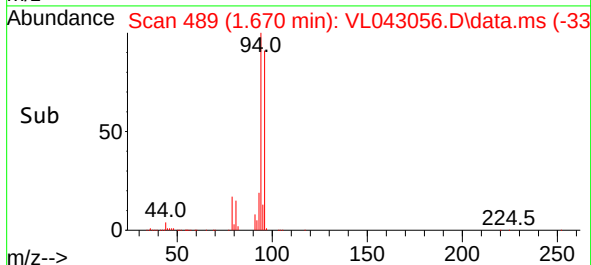
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

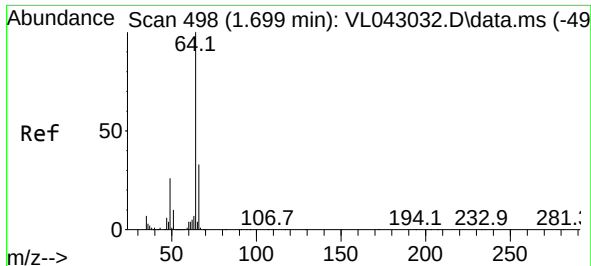


#6
 Bromomethane
 Concen: 10.057 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.007 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23



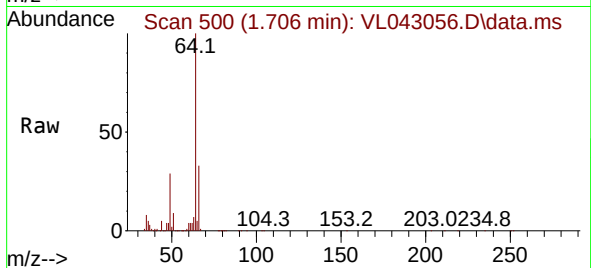
Tgt Ion: 94 Resp: 47728
 Ion Ratio Lower Upper
 94 100
 96 91.2 77.6 116.4





#7
Chloroethane
Concen: 9.524 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

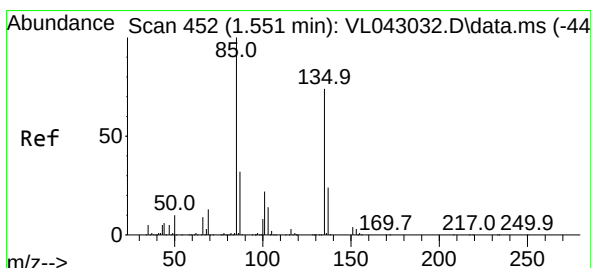
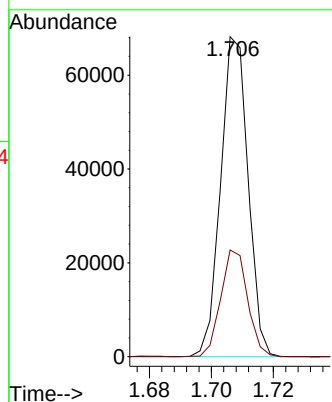
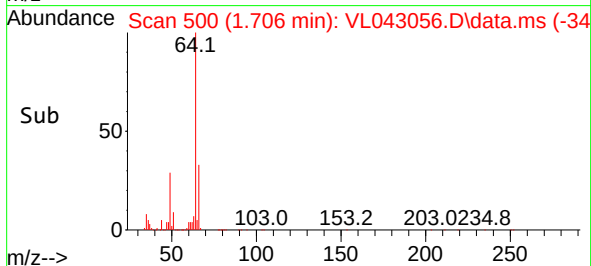
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



Tgt Ion: 64 Resp: 41972
Ion Ratio Lower Upper
64 100
66 33.3 26.6 39.8

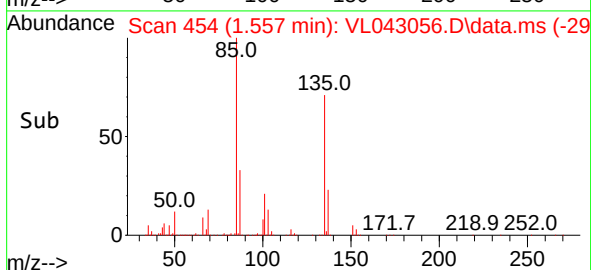
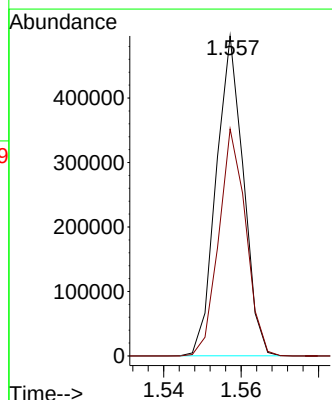
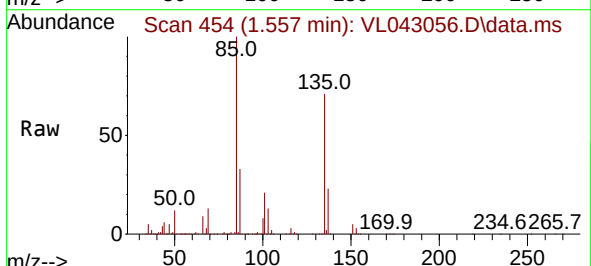
Manual Integrations
APPROVED

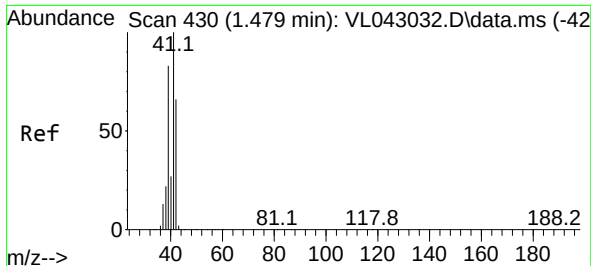
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#8
Dichlorotetrafluoroethane
Concen: 9.690 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

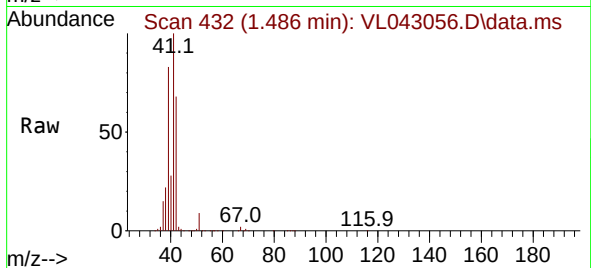
Tgt Ion: 85 Resp: 241906
Ion Ratio Lower Upper
85 100
135 70.7 56.3 84.5





#9
Propene
Concen: 9.482 ppbv
RT: 1.486 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

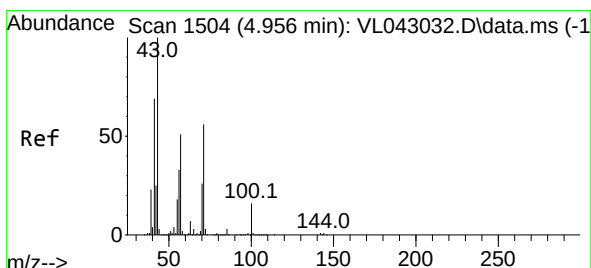
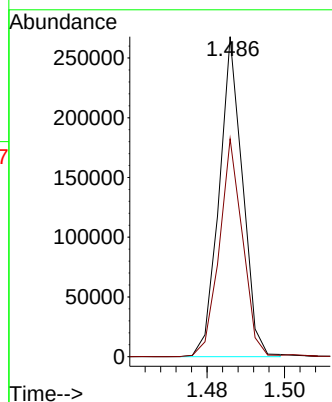
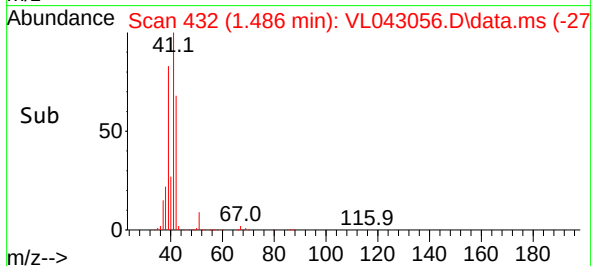
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



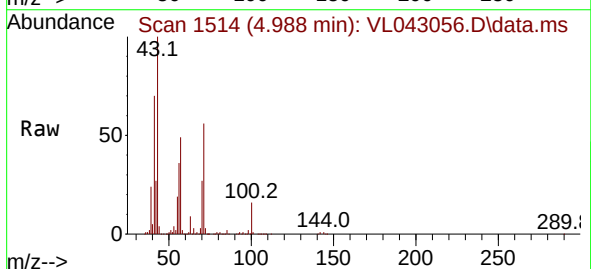
Tgt Ion: 41 Resp: 112680
Ion Ratio Lower Upper
41 100
42 68.6 53.3 79.9

Manual Integrations
APPROVED

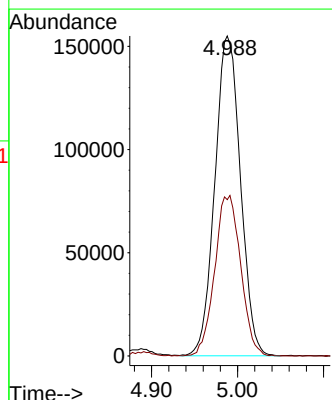
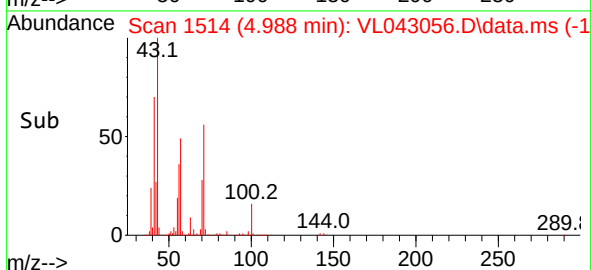
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

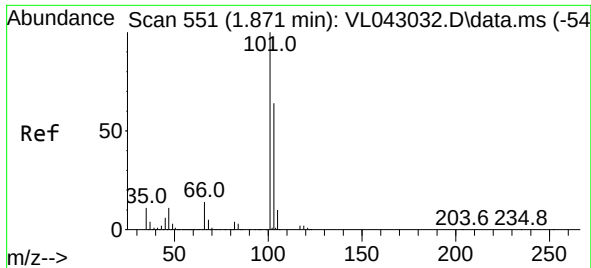


#10
Heptane
Concen: 10.961 ppbv
RT: 4.988 min Scan# 1514
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion: 43 Resp: 320232
Ion Ratio Lower Upper
43 100
57 51.0 40.3 60.5





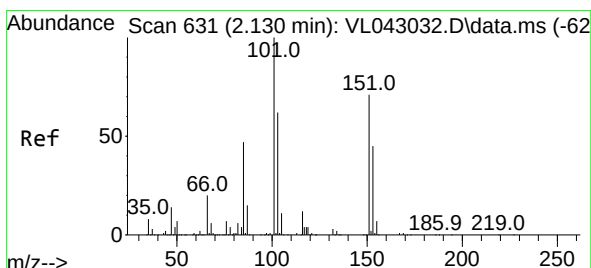
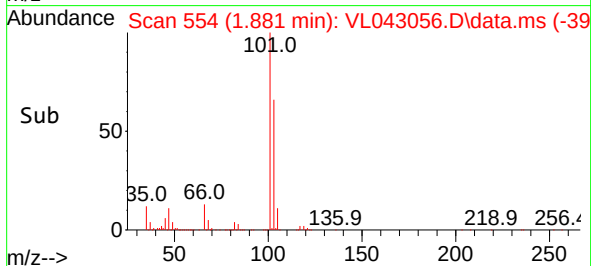
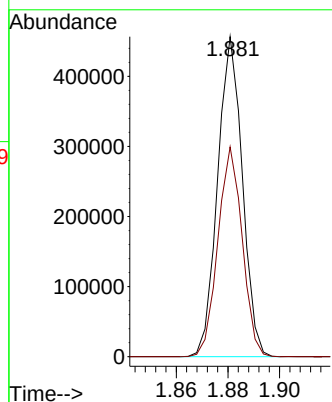
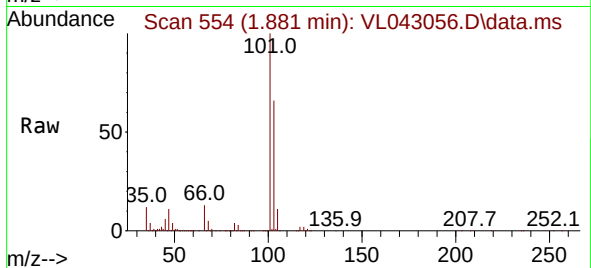
#11
Trichlorofluoromethane
Concen: 9.689 ppbv
RT: 1.881 min Scan# 51
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion:101 Resp: 303354
Ion Ratio Lower Upper
101 100
103 65.6 51.1 76.7

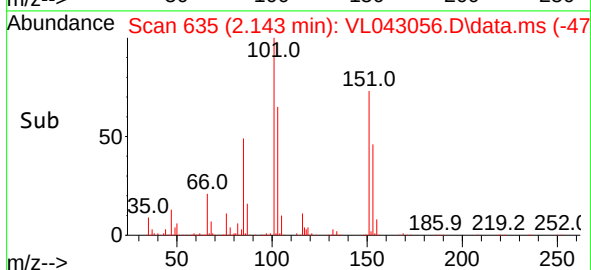
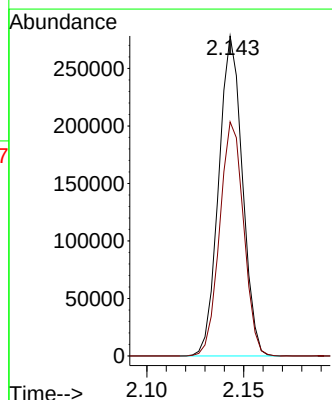
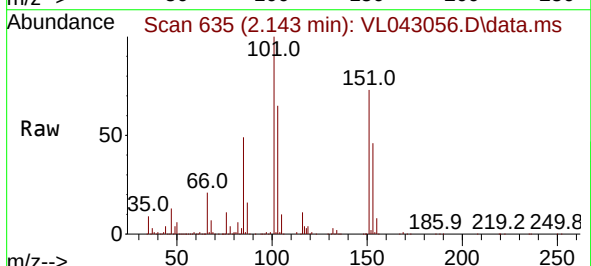
Manual Integrations
APPROVED

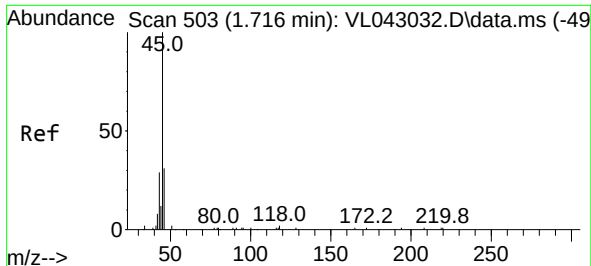
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.609 ppbv
RT: 2.143 min Scan# 635
Delta R.T. 0.013 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

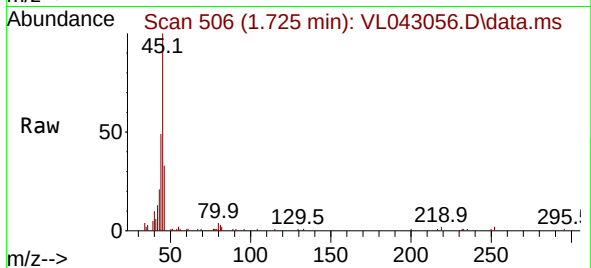
Tgt Ion:101 Resp: 236959
Ion Ratio Lower Upper
101 100
151 73.9 58.1 87.1





#13
Ethanol
Concen: 10.450 ppbv
RT: 1.725 min Scan# 503
Delta R.T. 0.009 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

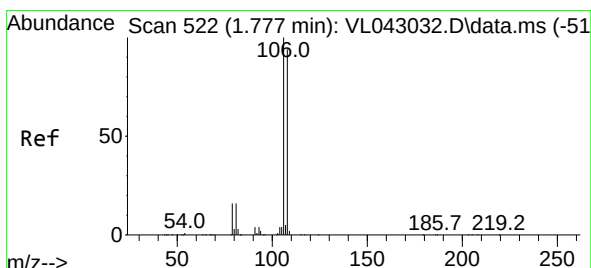
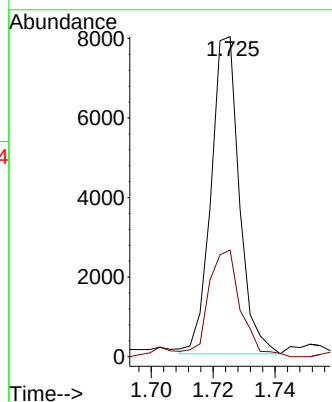
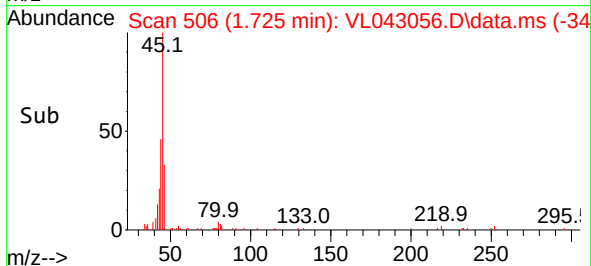
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



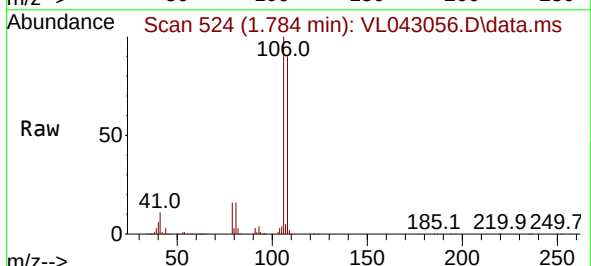
Tgt Ion: 45 Resp: 504
Ion Ratio Lower Upper
45 100
46 41.7 17.8 71.4

Manual Integrations
APPROVED

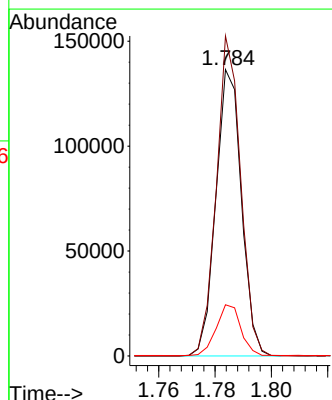
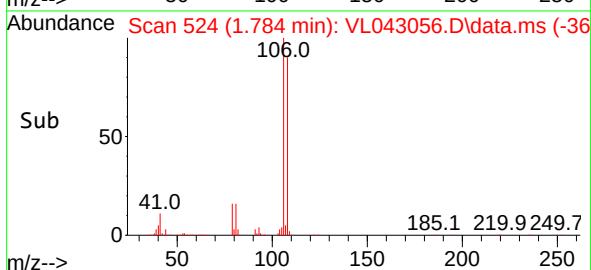
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

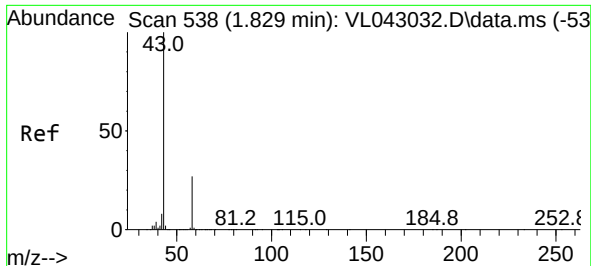


#14
Bromoethene
Concen: 9.723 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



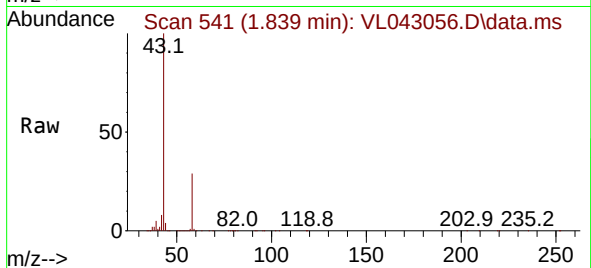
Tgt Ion:108 Resp: 85960
Ion Ratio Lower Upper
108 100
106 106.4 85.2 127.8
79 17.4 14.8 22.2





#15
Acetone
Concen: 8.471 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

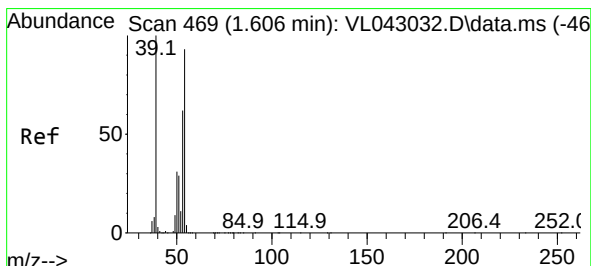
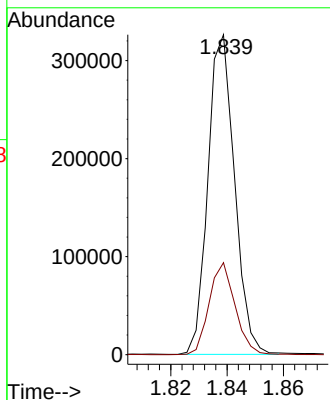
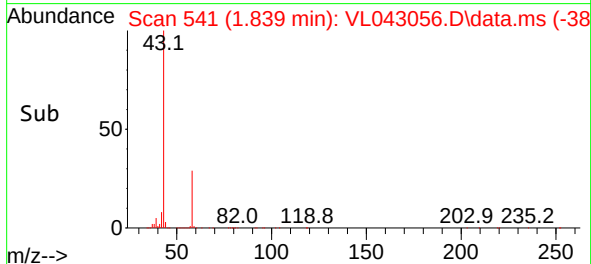
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



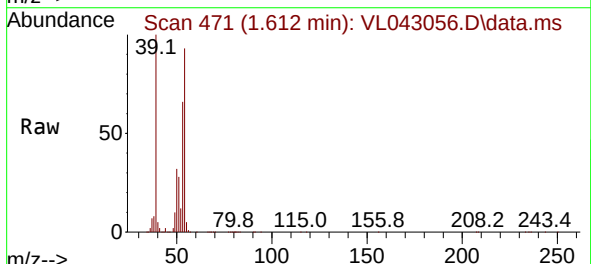
Tgt Ion: 43 Resp: 214418
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.4

Manual Integrations
APPROVED

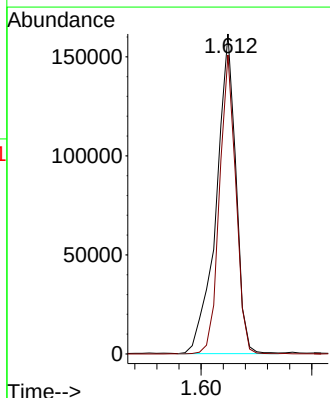
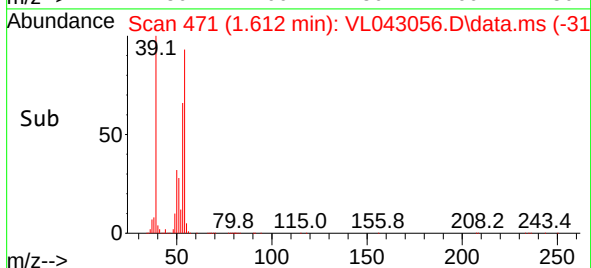
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

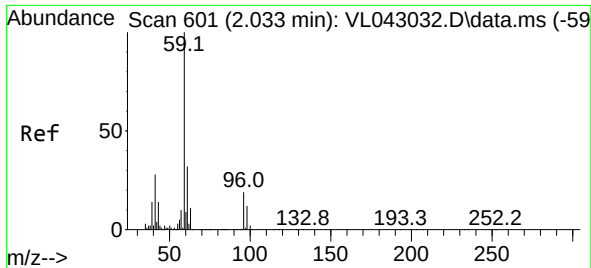


#16
1,3-Butadiene
Concen: 9.542 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.007 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion: 39 Resp: 99577
Ion Ratio Lower Upper
39 100
54 77.9 61.4 92.2





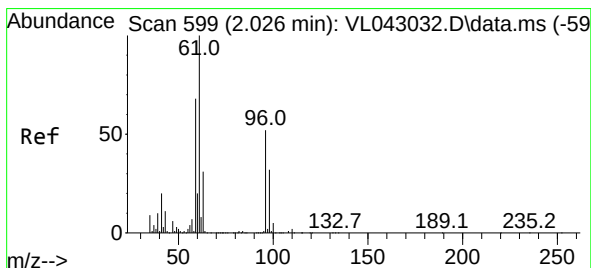
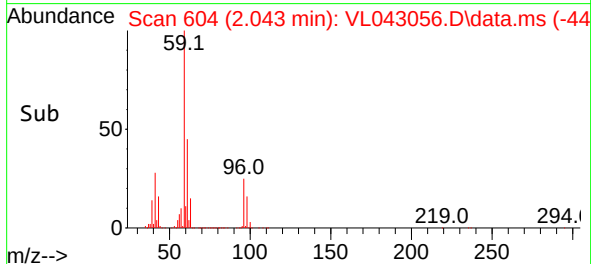
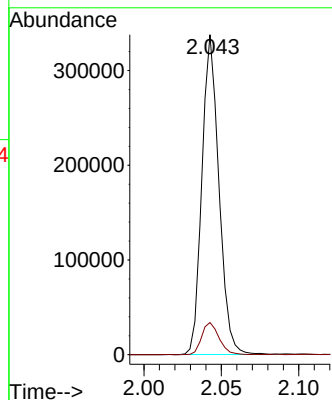
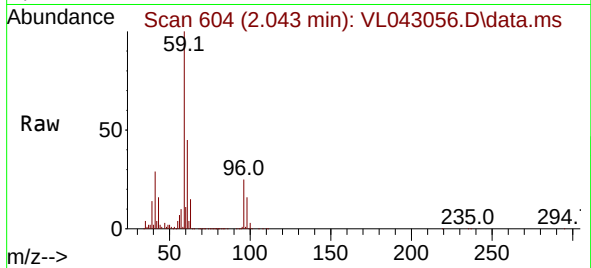
#17
tert-Butyl alcohol
Concen: 9.627 ppbv
RT: 2.043 min Scan# 601
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 59 Resp: 257752
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

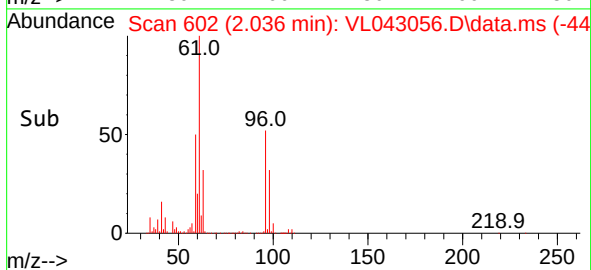
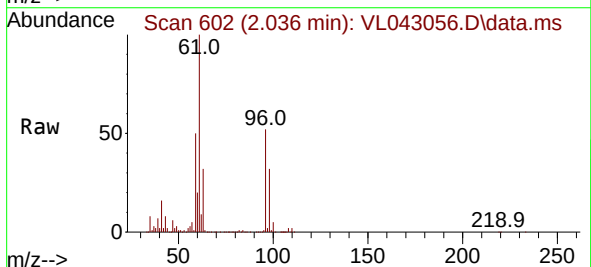
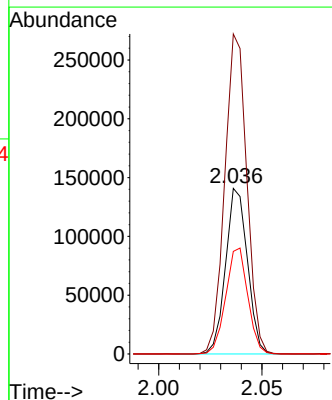
Manual Integrations
APPROVED

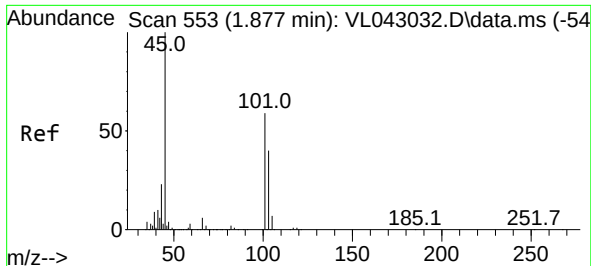
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#18
1,1-Dichloroethene
Concen: 9.565 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 96 Resp: 103392
Ion Ratio Lower Upper
96 100
61 193.2 153.0 229.6
98 61.9 48.8 73.2





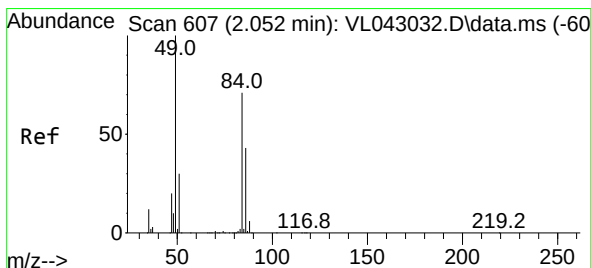
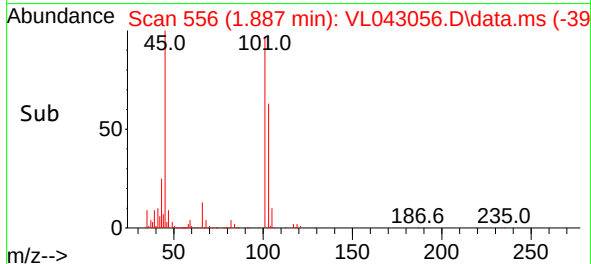
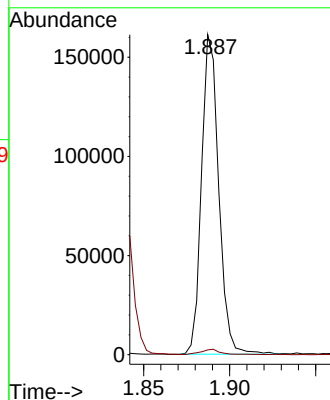
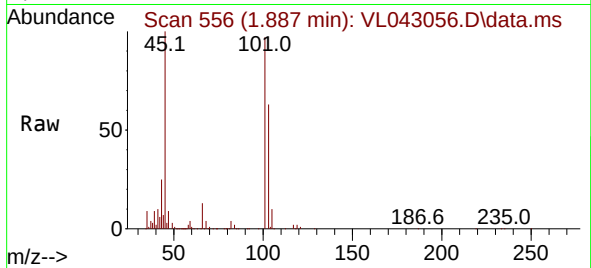
#19
Isopropyl Alcohol
Concen: 9.240 ppbv
RT: 1.887 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 45 Resp: 112050
Ion Ratio Lower Upper
45 100
58 54.0 42.3 63.5

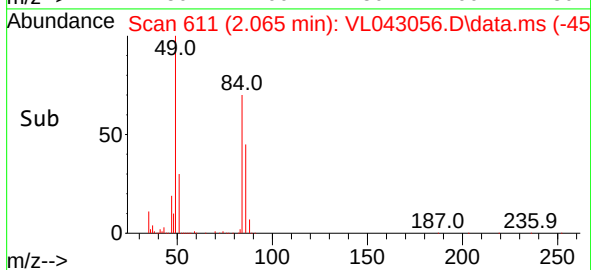
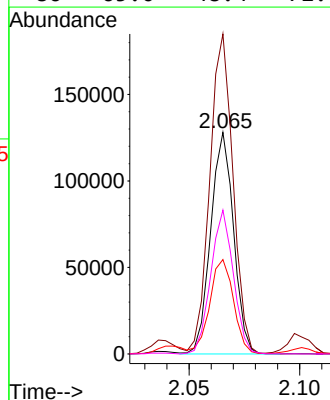
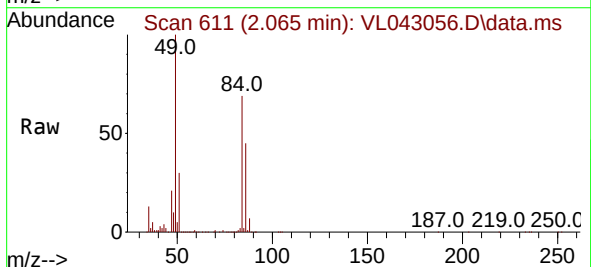
Manual Integrations
APPROVED

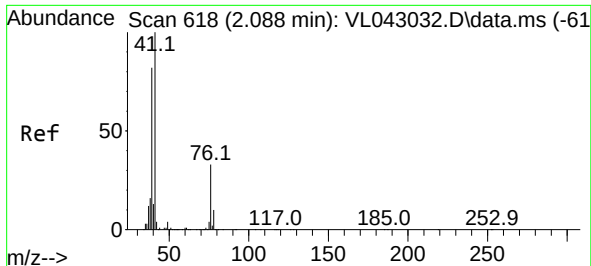
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#20
Methylene Chloride
Concen: 8.325 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.013 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 84 Resp: 91977
Ion Ratio Lower Upper
84 100
49 142.6 112.5 168.7
51 41.9 34.2 51.2
86 65.0 48.4 72.6





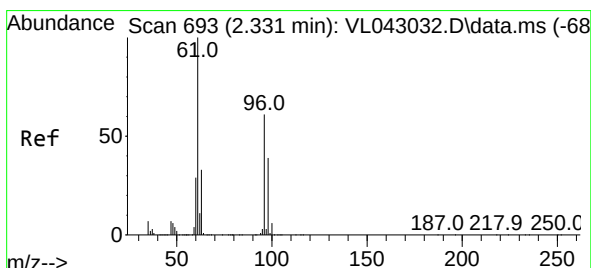
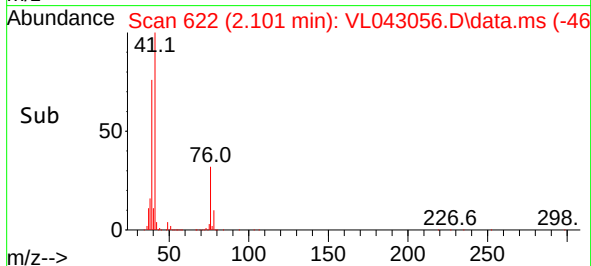
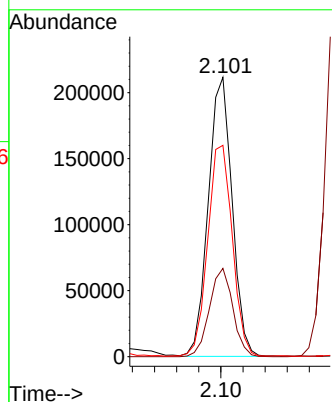
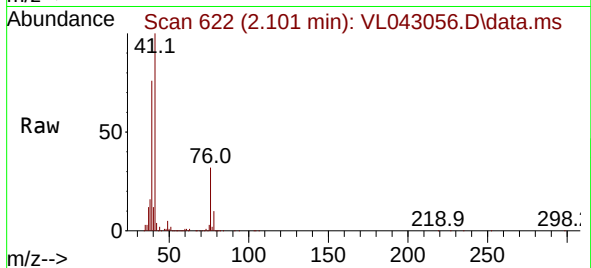
#21
 Allyl Chloride
 Concen: 9.743 ppbv
 RT: 2.101 min Scan# 618
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Tgt Ion: 41 Resp: 157994
 Ion Ratio Lower Upper
 41 100
 76 31.0 25.9 38.9
 39 78.0 63.0 94.4

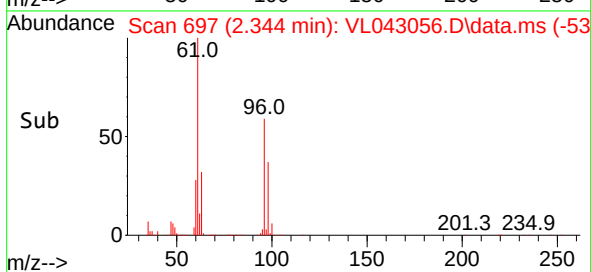
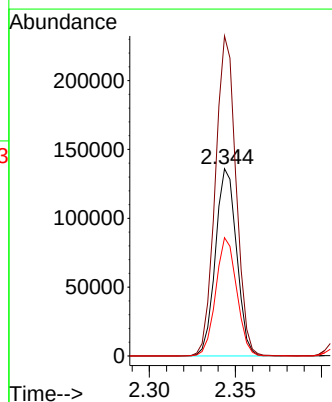
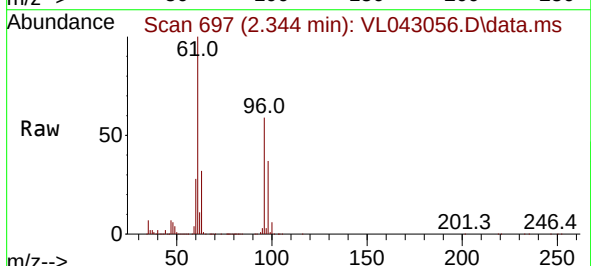
Manual Integrations
 APPROVED

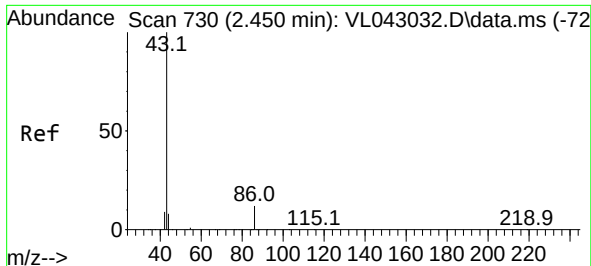
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.485 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

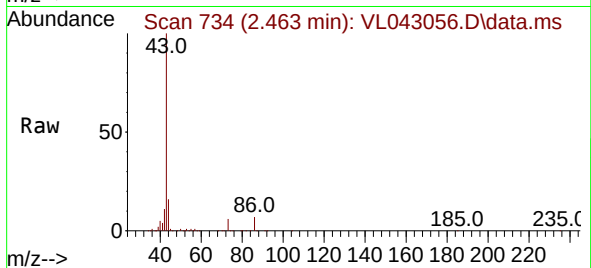
Tgt Ion: 96 Resp: 116408
 Ion Ratio Lower Upper
 96 100
 61 170.9 131.9 197.9
 98 63.2 52.1 78.1





#23
 Vinyl Acetate
 Concen: 7.928 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

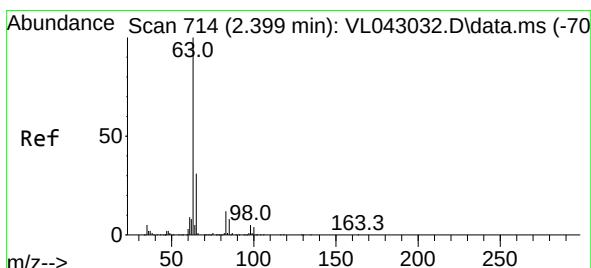
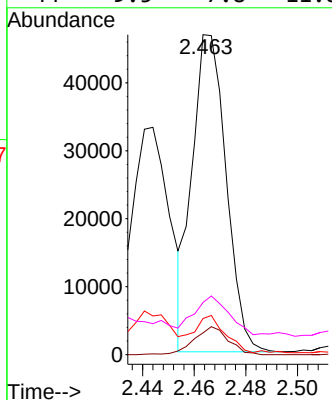
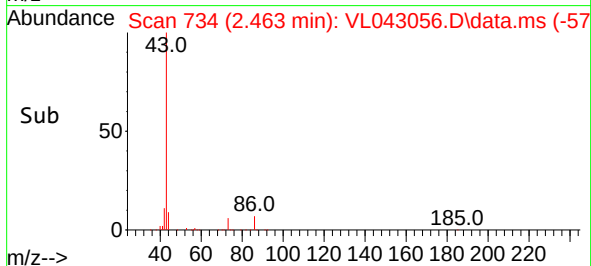
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01



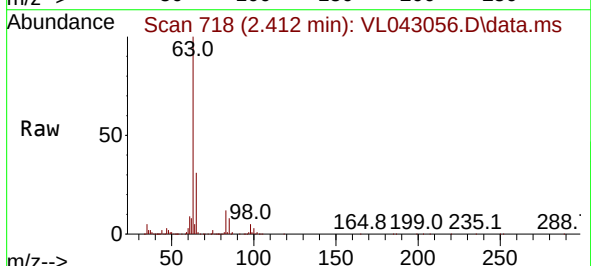
Tgt Ion: 43 Resp: 4260
 Ion Ratio Lower Upper
 43 100
 86 6.9 7.5 11.3
 42 10.3 8.4 12.6
 44 9.5 7.8 11.8

Manual Integrations
 APPROVED

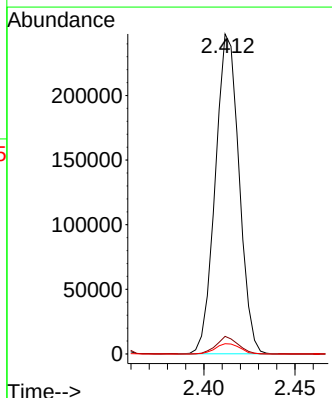
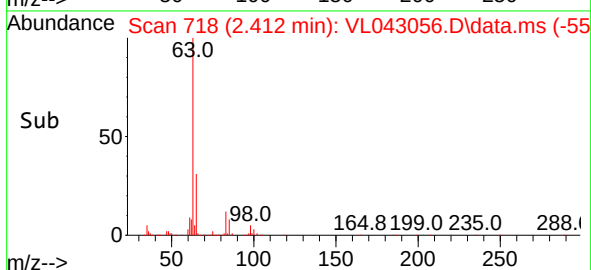
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

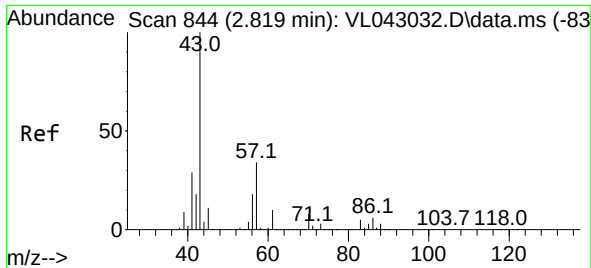


#24
 1,1-Dichloroethane
 Concen: 9.643 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. 0.013 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23



Tgt Ion: 63 Resp: 224330
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.5 7.4
 100 3.2 1.8 5.4





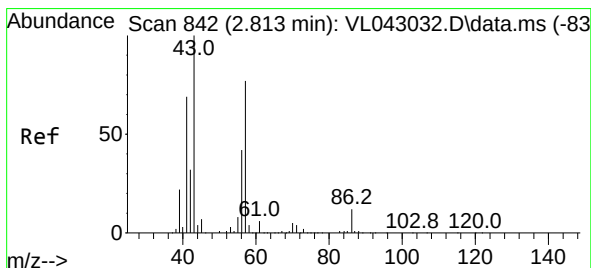
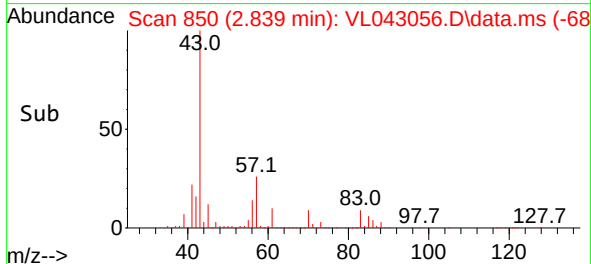
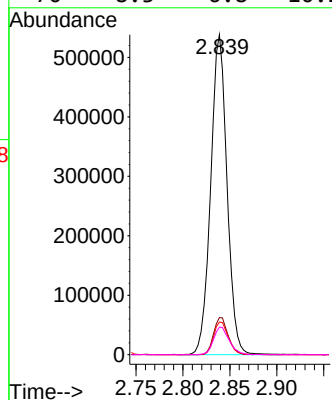
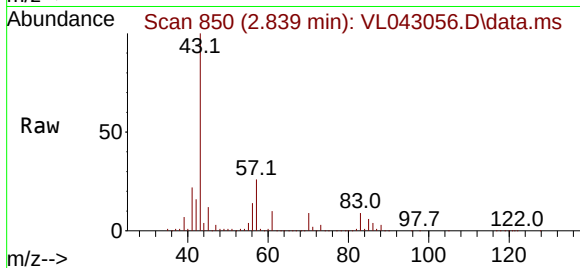
#25
Ethyl Acetate
Concen: 10.231 ppbv
RT: 2.839 min Scan# 844
Delta R.T. 0.020 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 43 Resp: 649598
Ion Ratio Lower Upper
43 100
45 10.4 8.3 12.5
61 9.2 7.5 11.3
70 8.3 6.8 10.2

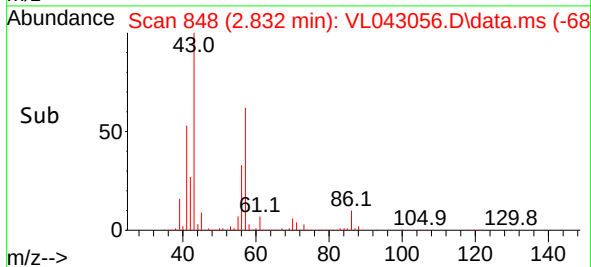
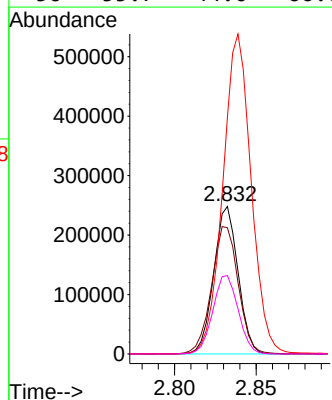
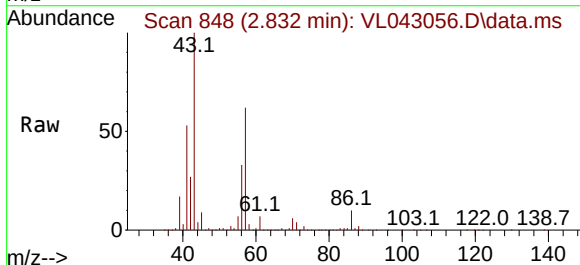
Manual Integrations
APPROVED

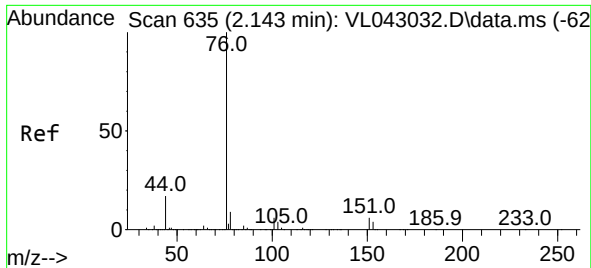
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#26
Hexane
Concen: 10.524 ppbv
RT: 2.832 min Scan# 848
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

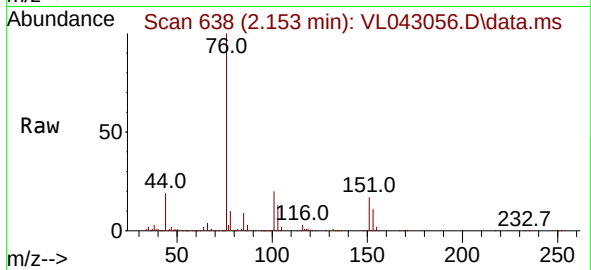
Tgt Ion: 57 Resp: 257052
Ion Ratio Lower Upper
57 100
41 95.3 76.1 114.1
43 253.1 201.4 302.0
56 55.7 44.0 66.0





#27
Carbon Disulfide
Concen: 9.786 ppbv
RT: 2.153 min Scan# 611
Delta R.T. 0.010 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

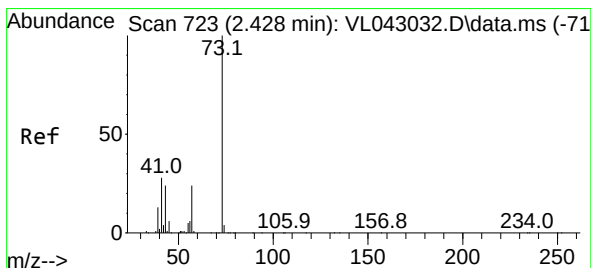
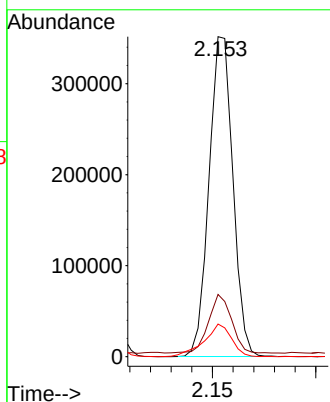
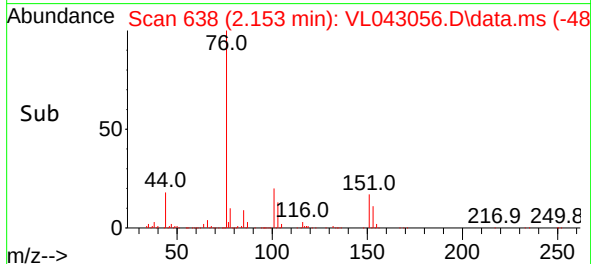
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



Tgt Ion: 76 Resp: 28218
Ion Ratio Lower Upper
76 100
44 18.2 14.0 21.0
78 11.8 9.4 14.0

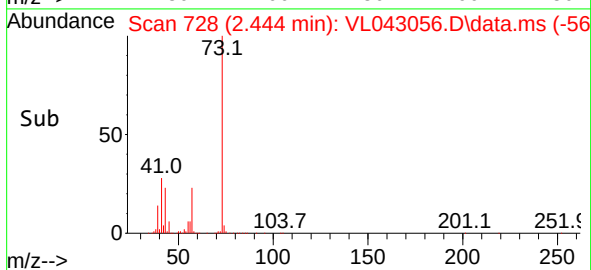
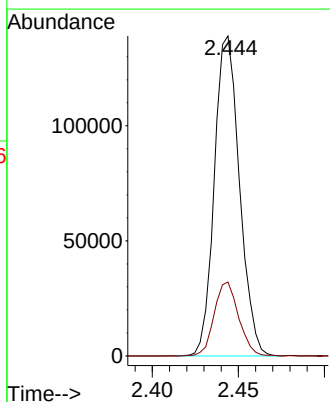
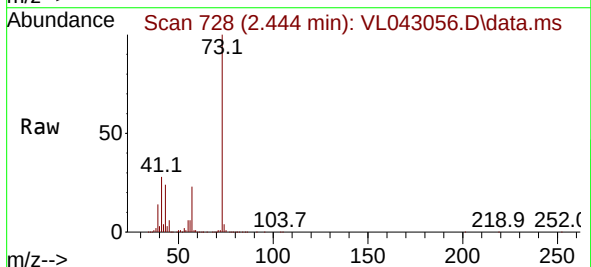
Manual Integrations
APPROVED

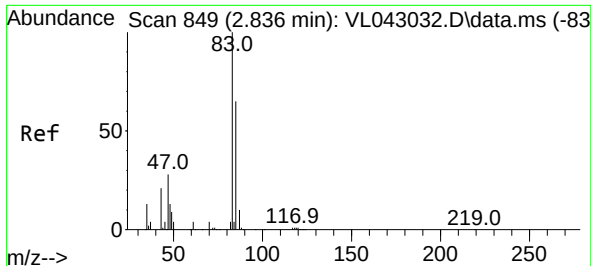
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#28
Methyl tert-Butyl Ether
Concen: 9.254 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion: 73 Resp: 141448
Ion Ratio Lower Upper
73 100
57 22.5 17.8 26.8





#29

Chloroform

Concen: 9.674 ppbv

RT: 2.852 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion: 83 Resp: 402840

Ion Ratio Lower Upper

83 100

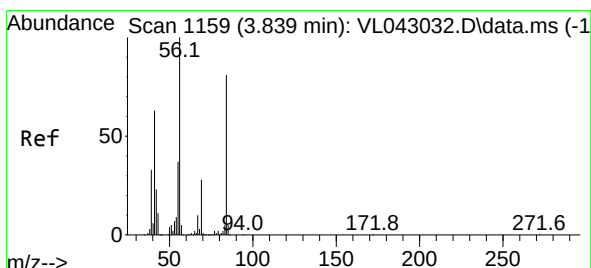
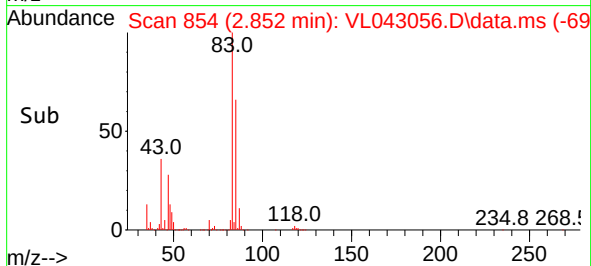
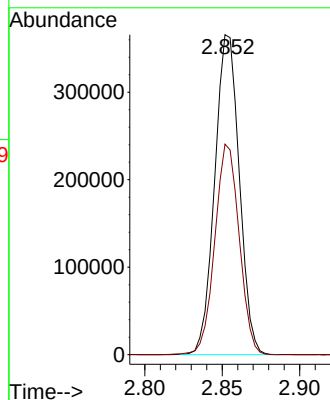
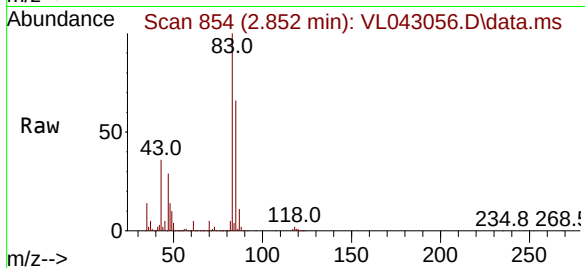
85 65.8 52.0 78.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#30

Cyclohexane

Concen: 10.455 ppbv

RT: 3.865 min Scan# 1167

Delta R.T. 0.026 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

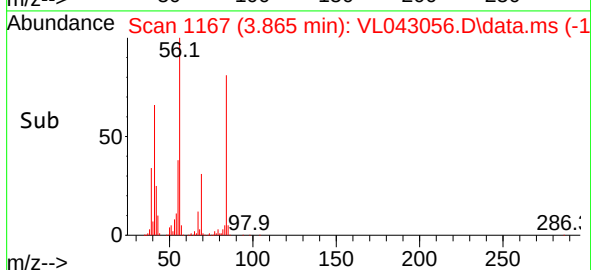
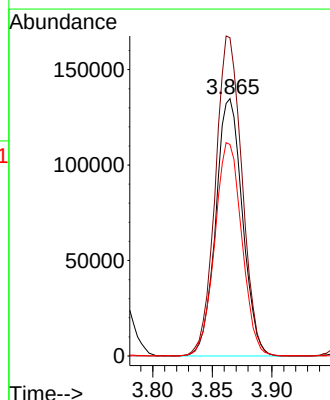
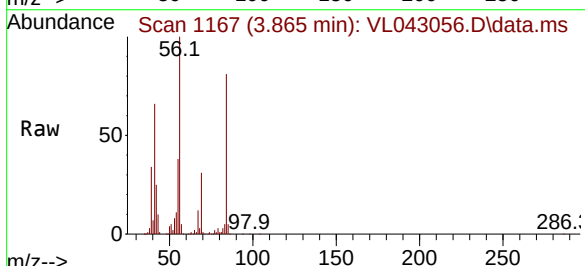
Tgt Ion: 84 Resp: 209844

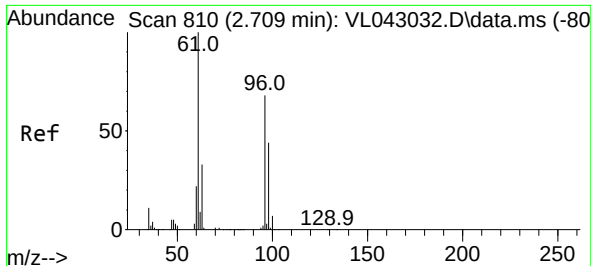
Ion Ratio Lower Upper

84 100

56 123.8 99.9 149.9

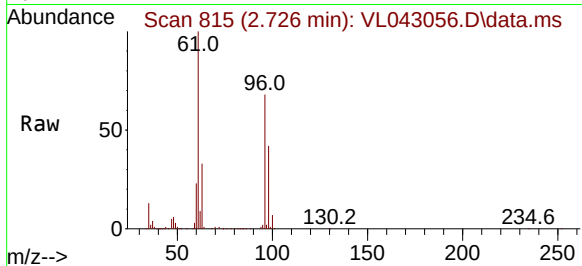
41 84.1 64.2 96.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.560 ppbv
 RT: 2.726 min Scan# 810
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

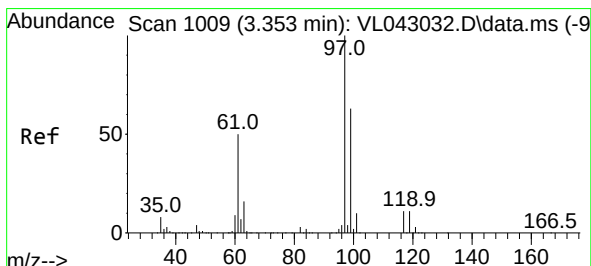
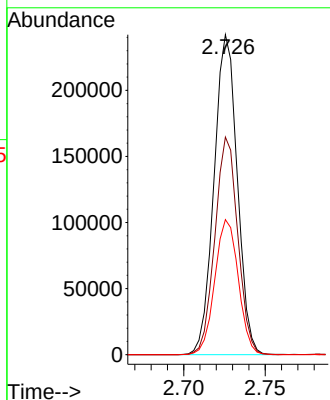
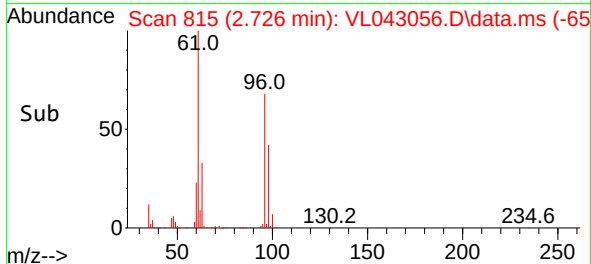
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01



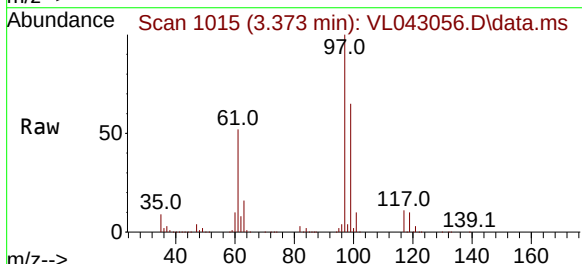
Tgt Ion: 61 Resp: 240044
 Ion Ratio Lower Upper
 61 100
 96 68.0 54.6 82.0
 98 42.2 34.8 52.2

Manual Integrations
 APPROVED

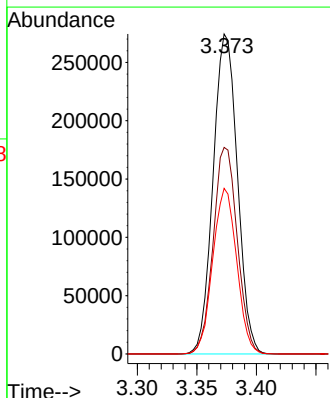
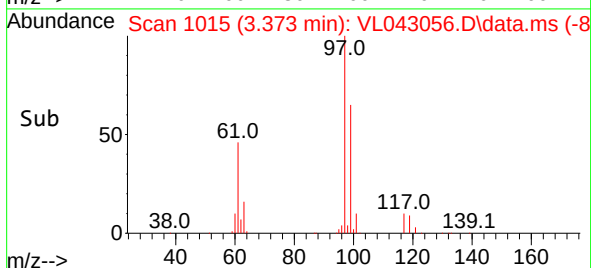
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

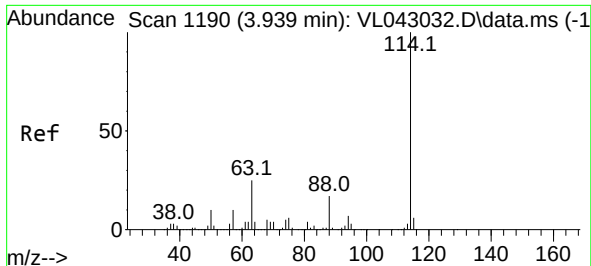


#32
 1,1,1-Trichloroethane
 Concen: 9.602 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.019 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23



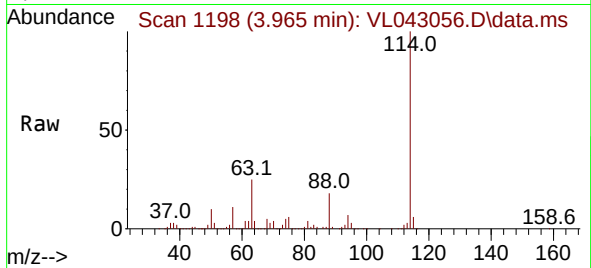
Tgt Ion: 97 Resp: 388607
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.2 76.8
 61 51.1 40.1 60.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1190
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

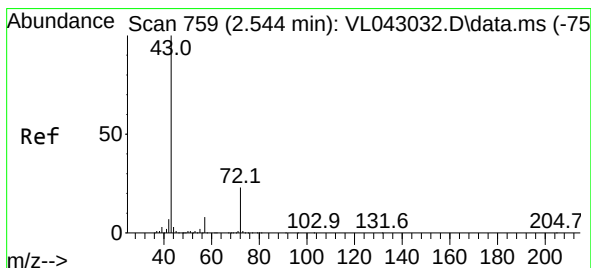
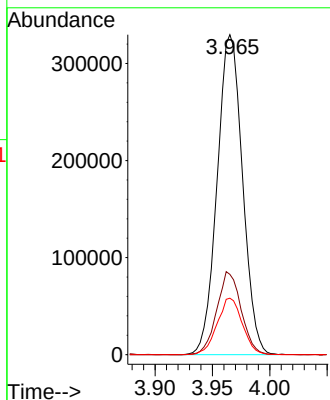
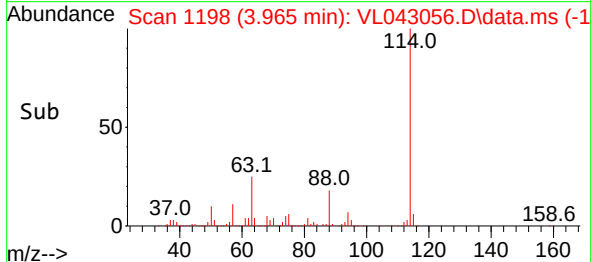
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



Tgt Ion:114 Resp: 507280
Ion Ratio Lower Upper
114 100
63 24.9 19.4 29.2
88 17.5 13.9 20.9

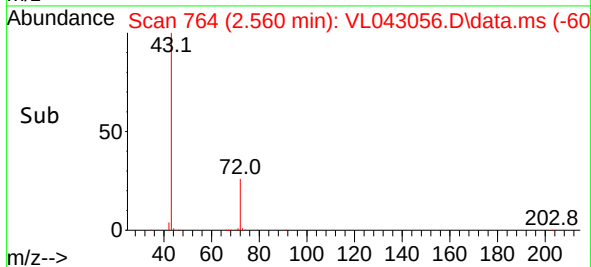
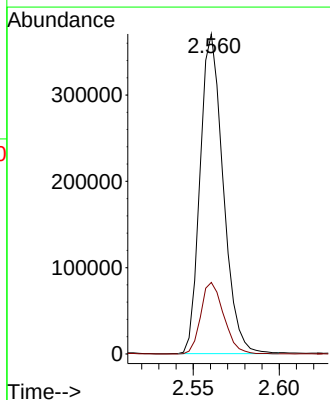
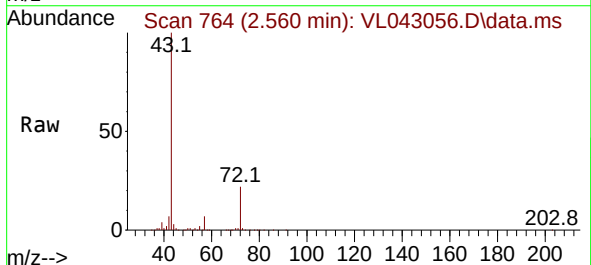
Manual Integrations
APPROVED

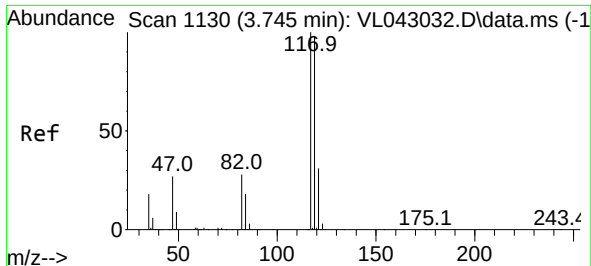
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#34
2-Butanone
Concen: 10.064 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

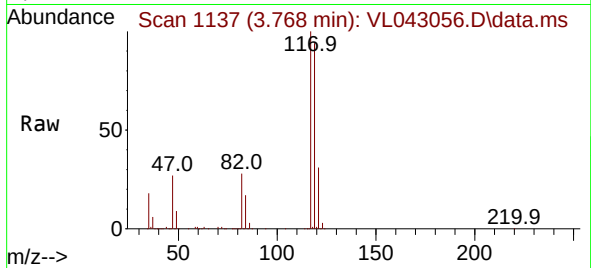
Tgt Ion: 43 Resp: 346409
Ion Ratio Lower Upper
43 100
72 22.4 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.922 ppbv
RT: 3.768 min Scan# 1105
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

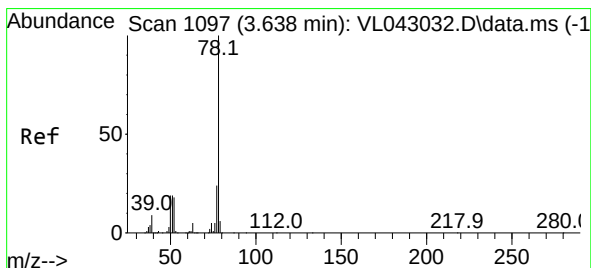
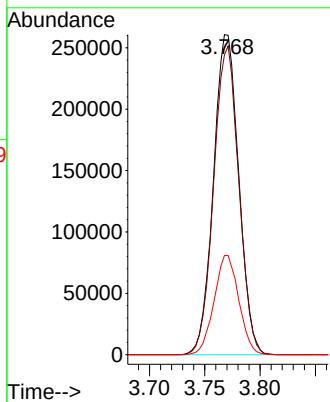
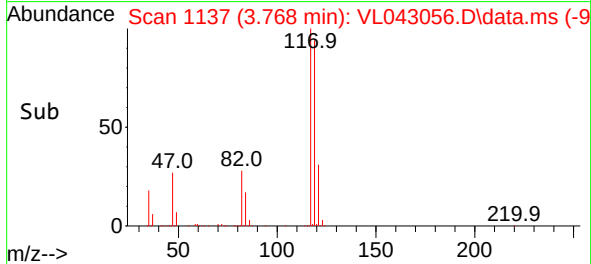
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



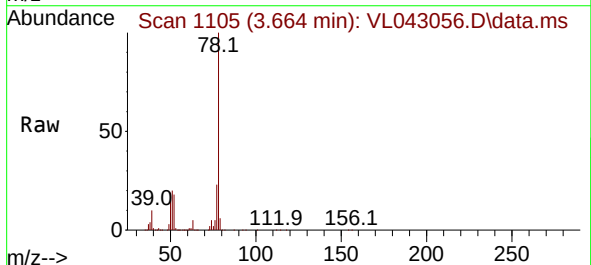
Tgt Ion:117 Resp: 414085
Ion Ratio Lower Upper
117 100
119 93.7 78.2 117.4
121 31.0 24.8 37.2

Manual Integrations
APPROVED

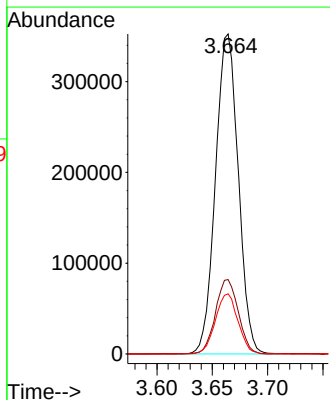
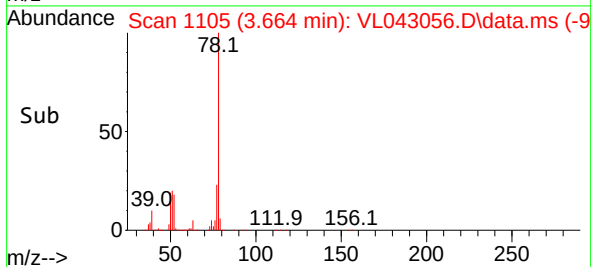
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

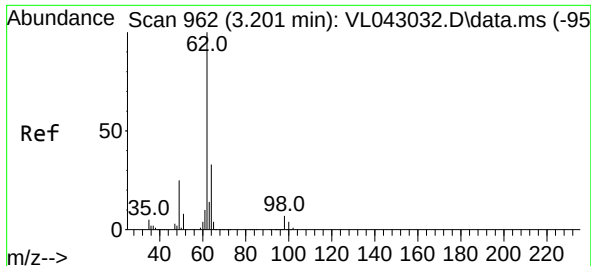


#36
Benzene
Concen: 10.433 ppbv
RT: 3.664 min Scan# 1105
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion: 78 Resp: 505655
Ion Ratio Lower Upper
78 100
77 23.2 19.2 28.8
50 18.8 14.9 22.3





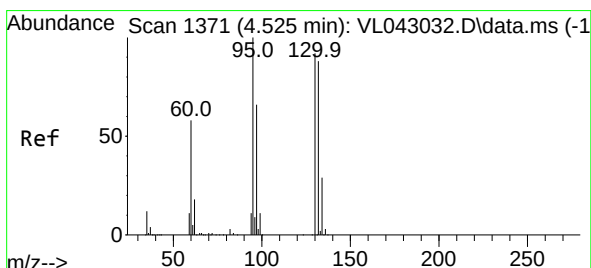
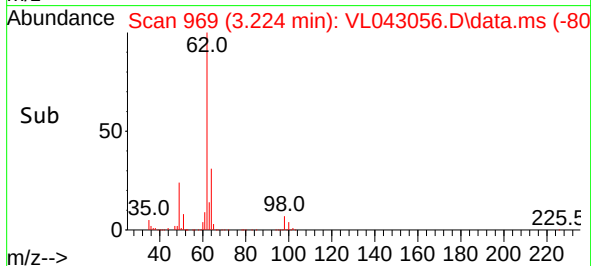
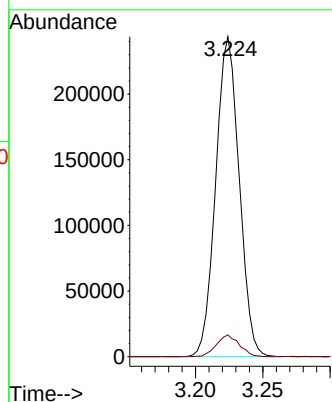
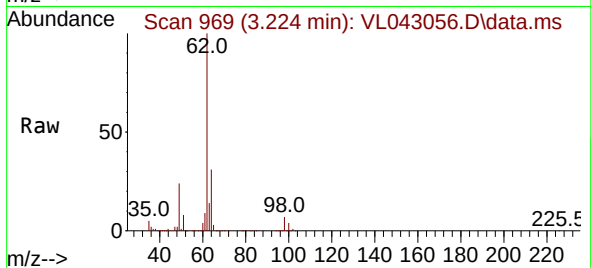
#37
1,2-Dichloroethane
Concen: 10.289 ppbv
RT: 3.224 min Scan# 90
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 62 Resp: 29533
Ion Ratio Lower Upper
62 100
98 6.7 5.6 8.4

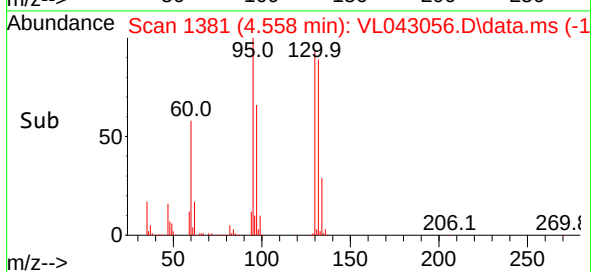
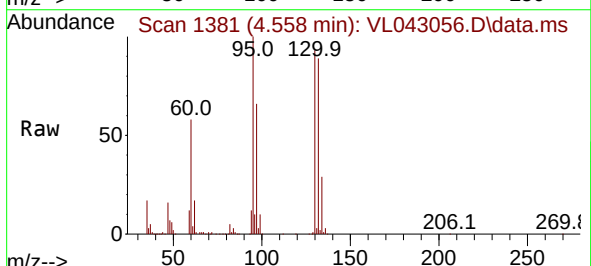
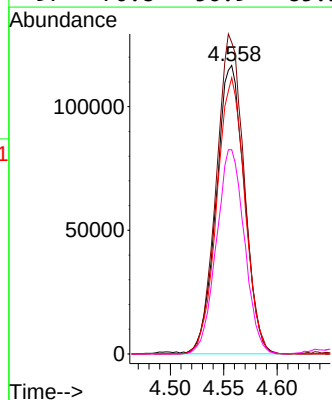
Manual Integrations
APPROVED

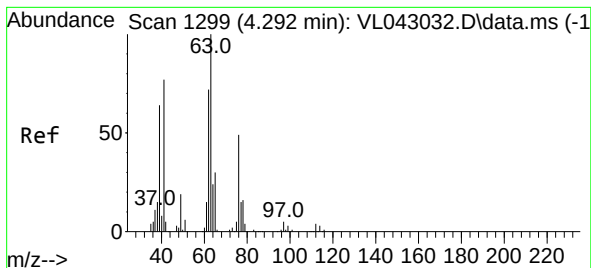
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#38
Trichloroethene
Concen: 10.629 ppbv
RT: 4.558 min Scan# 1381
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

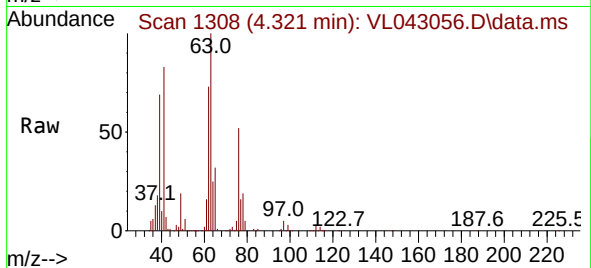
Tgt Ion:130 Resp: 214599
Ion Ratio Lower Upper
130 100
95 108.0 86.4 129.6
132 95.7 75.7 113.5
97 70.8 56.9 85.3





#39
 1,2-Dichloropropane
 Concen: 10.265 ppbv
 RT: 4.321 min Scan# 11
 Delta R.T. 0.029 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

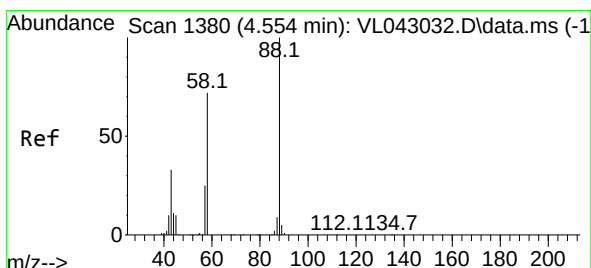
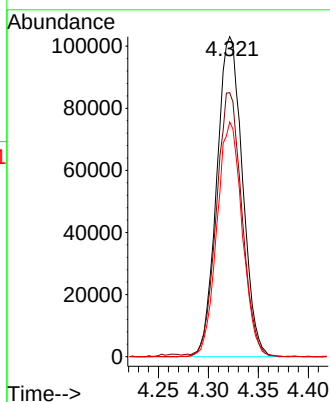
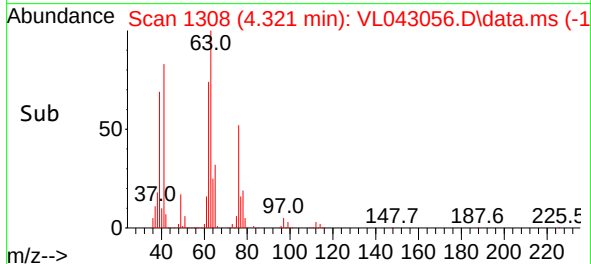
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01



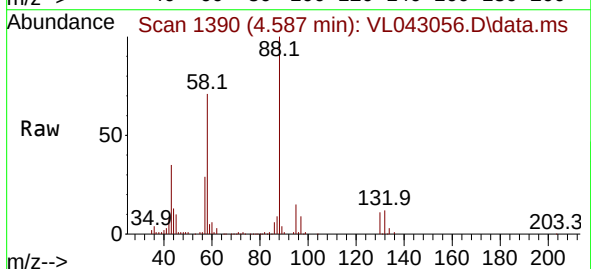
Tgt Ion: 63 Resp: 184414
 Ion Ratio Lower Upper
 63 100
 41 82.4 61.6 92.4
 62 73.3 58.1 87.1

Manual Integrations
 APPROVED

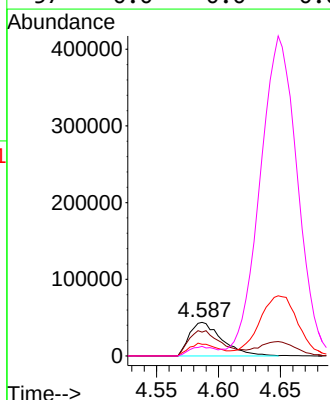
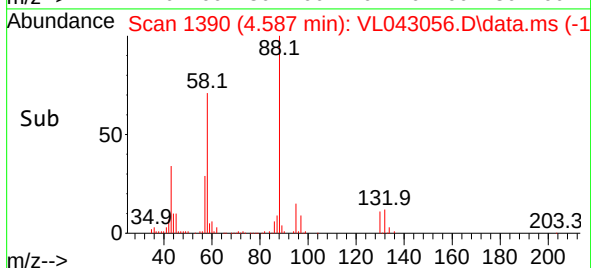
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025

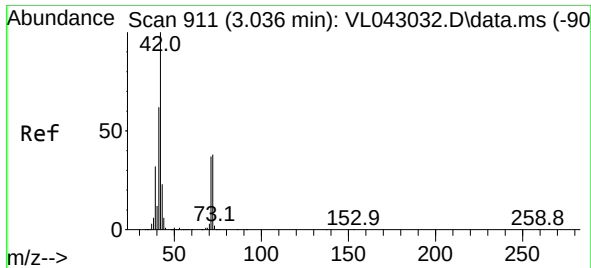


#40
 1,4-Dioxane
 Concen: 10.469 ppbv
 RT: 4.587 min Scan# 1390
 Delta R.T. 0.032 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23



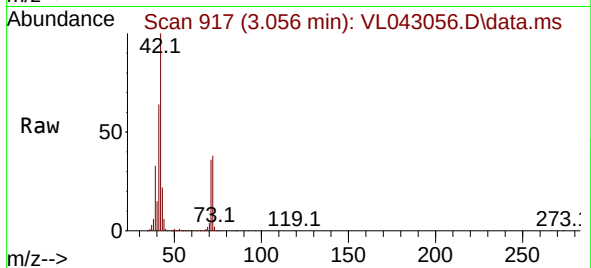
Tgt Ion: 88 Resp: 80666
 Ion Ratio Lower Upper
 88 100
 58 72.8 56.2 84.2
 43 32.1 25.7 38.5
 57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.038 ppbv
RT: 3.056 min Scan# 911
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

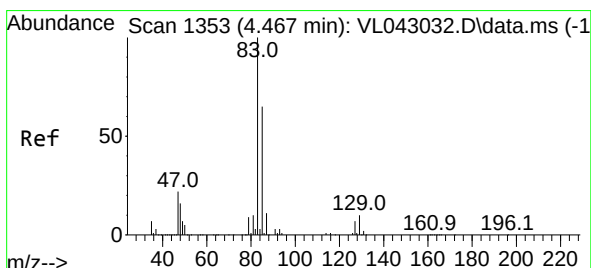
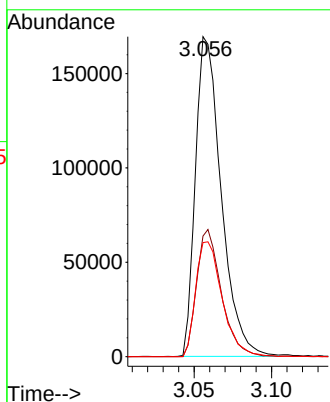
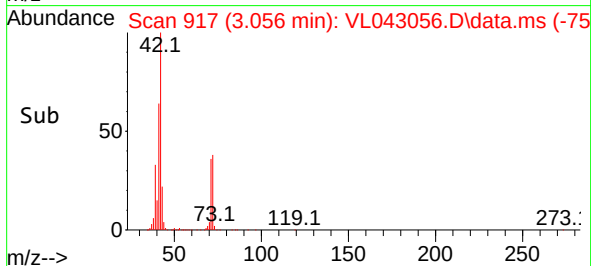
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



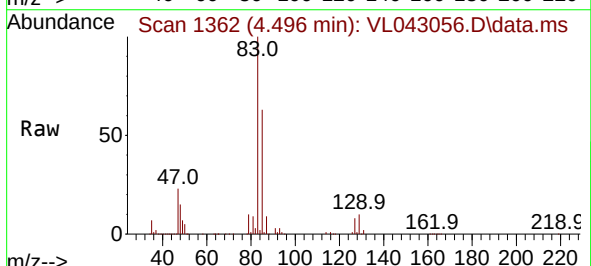
Tgt Ion: 42 Resp: 196372
Ion Ratio Lower Upper
42 100
72 38.3 31.0 46.6
71 36.9 29.8 44.6

Manual Integrations
APPROVED

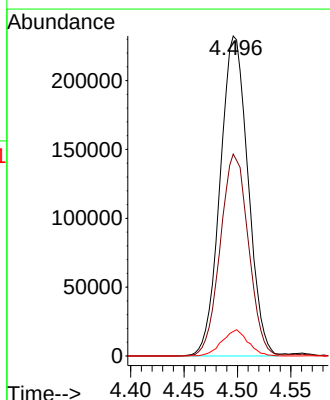
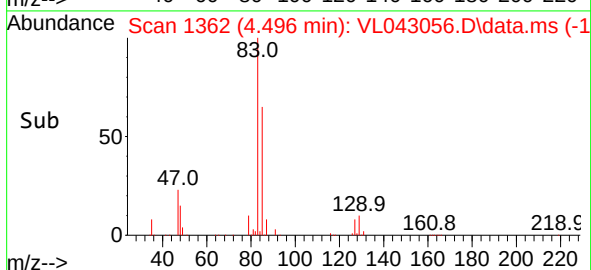
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

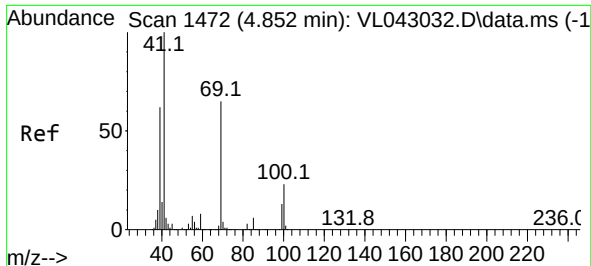


#42
Bromodichloromethane
Concen: 10.407 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion: 83 Resp: 421840
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8
127 7.7 5.9 8.9





#43

Methyl Methacrylate

Concen: 11.020 ppbv

RT: 4.888 min Scan# 1409

Delta R.T. 0.036 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion: 69 Resp: 177300

Ion Ratio Lower Upper

69 100

41 150.0 118.0 177.0

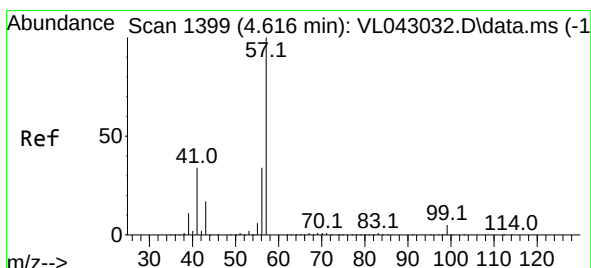
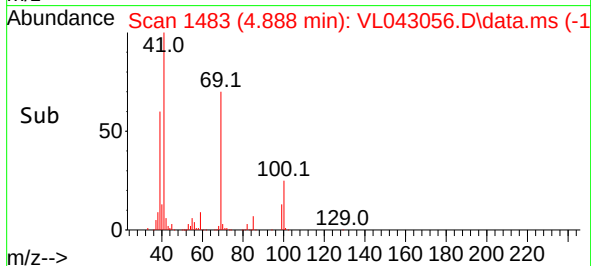
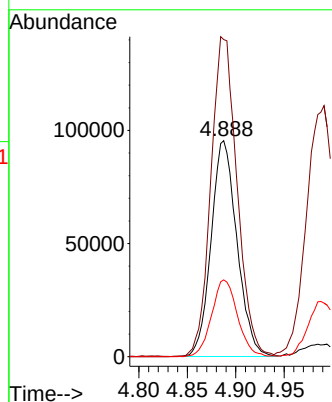
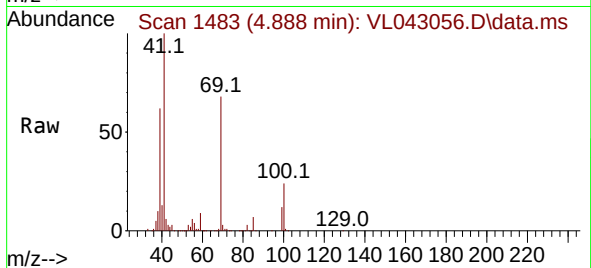
100 35.7 28.3 42.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#44

2,2,4-Trimethylpentane

Concen: 11.275 ppbv

RT: 4.648 min Scan# 1409

Delta R.T. 0.032 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

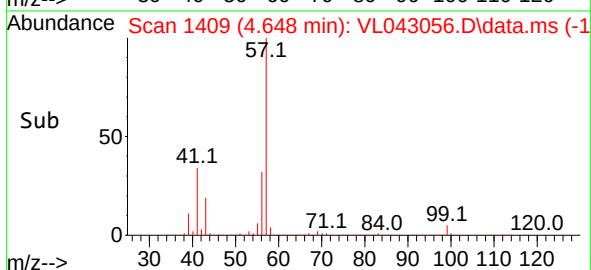
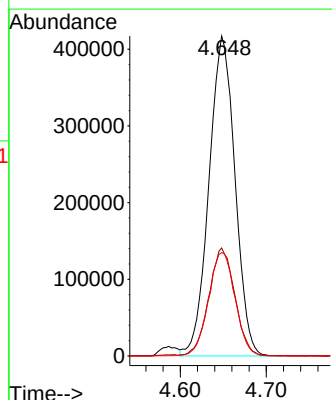
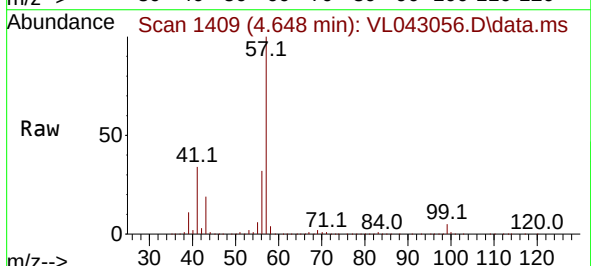
Tgt Ion: 57 Resp: 876882

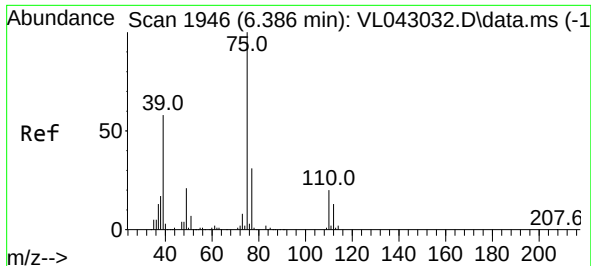
Ion Ratio Lower Upper

57 100

41 34.3 27.0 40.4

56 33.0 26.0 39.0





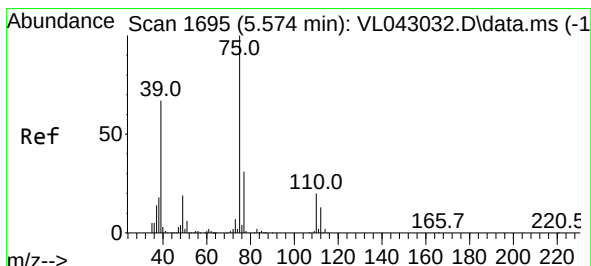
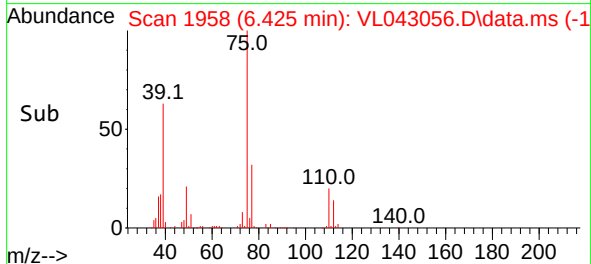
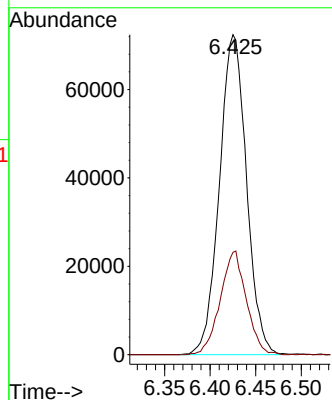
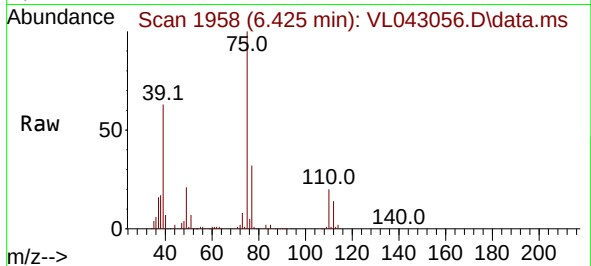
#45
t-1,3-Dichloropropene
Concen: 10.165 ppbv
RT: 6.425 min Scan# 1946
Delta R.T. 0.039 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 75 Resp: 14965
Ion Ratio Lower Upper
75 100
77 32.0 24.7 37.1

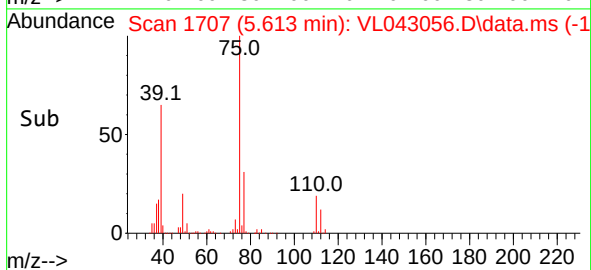
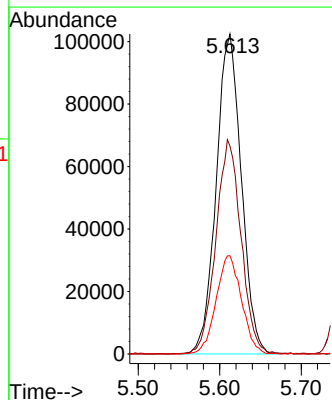
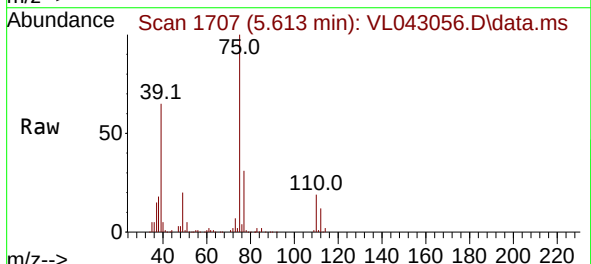
Manual Integrations
APPROVED

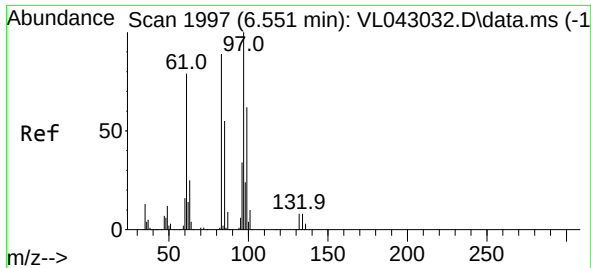
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#46
cis-1,3-Dichloropropene
Concen: 10.576 ppbv
RT: 5.613 min Scan# 1707
Delta R.T. 0.039 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

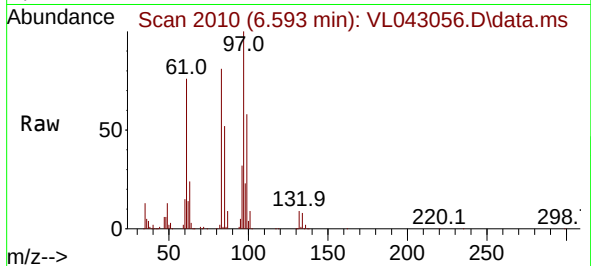
Tgt Ion: 75 Resp: 219390
Ion Ratio Lower Upper
75 100
39 64.8 53.4 80.0
77 30.7 25.0 37.4





#47
1,1,2-Trichloroethane
Concen: 10.143 ppbv
RT: 6.593 min Scan# 2010
Delta R.T. 0.042 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

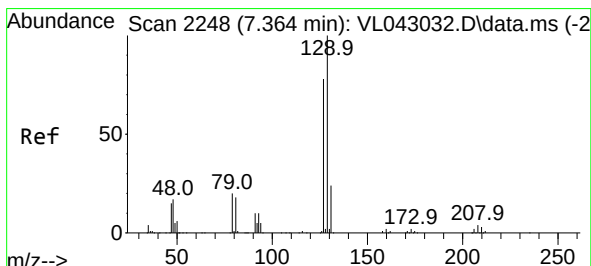
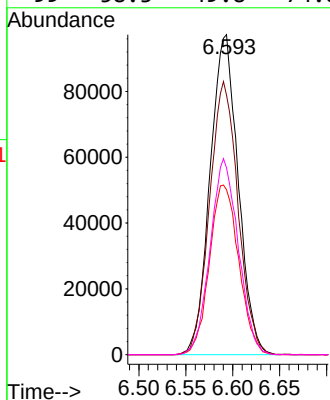
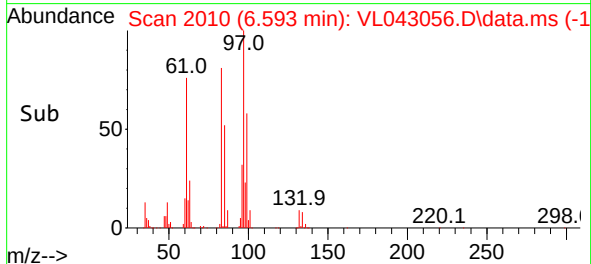
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



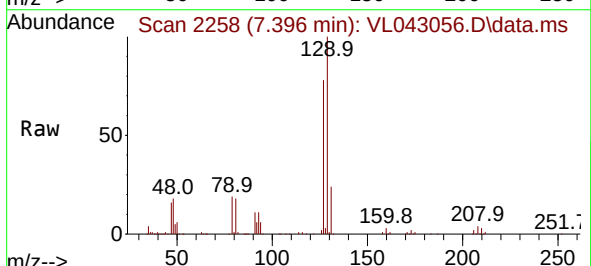
Tgt Ion: 97 Resp: 202692
Ion Ratio Lower Upper
97 100
83 81.0 71.1 106.7
85 51.6 44.3 66.5
99 58.3 49.8 74.8

Manual Integrations
APPROVED

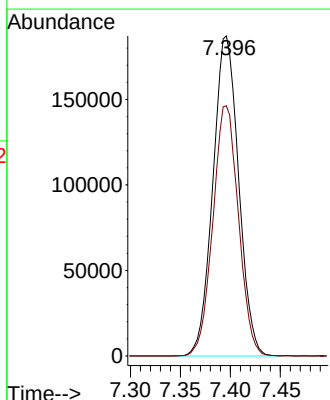
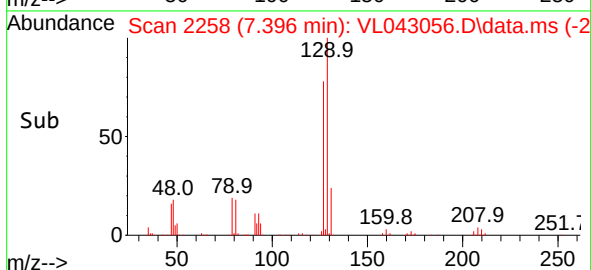
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

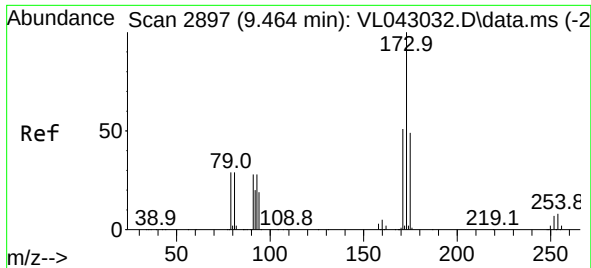


#48
Dibromochloromethane
Concen: 10.279 ppbv
RT: 7.396 min Scan# 2258
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



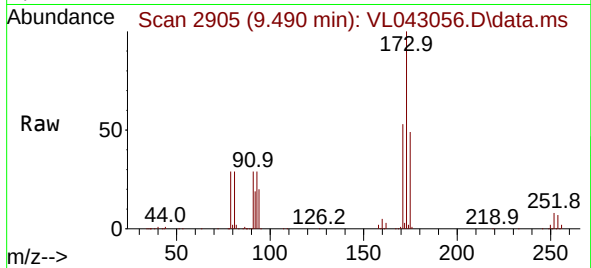
Tgt Ion:129 Resp: 335227
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#49
Bromoform
Concen: 10.177 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

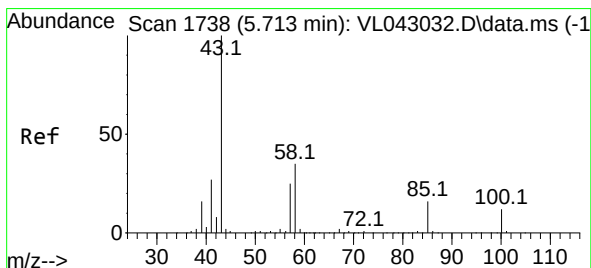
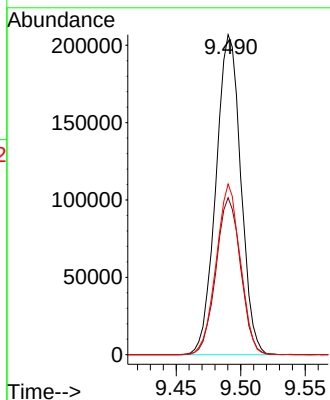
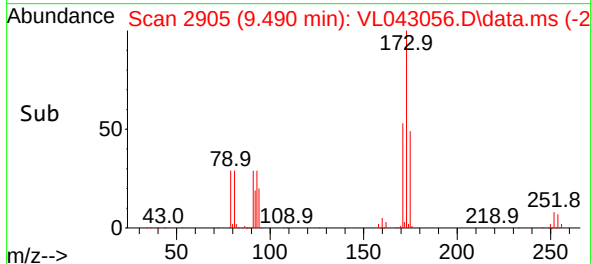
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



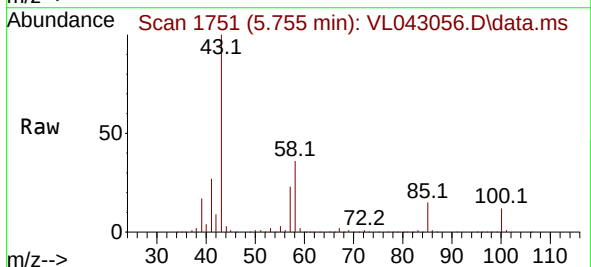
Tgt Ion:173 Resp: 277184
Ion Ratio Lower Upper
173 100
175 48.6 39.1 58.7
171 51.7 41.4 62.2

Manual Integrations
APPROVED

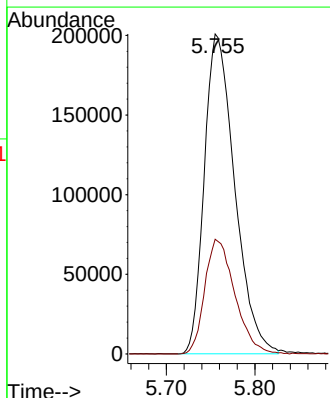
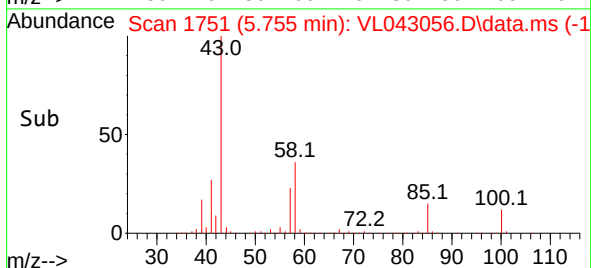
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

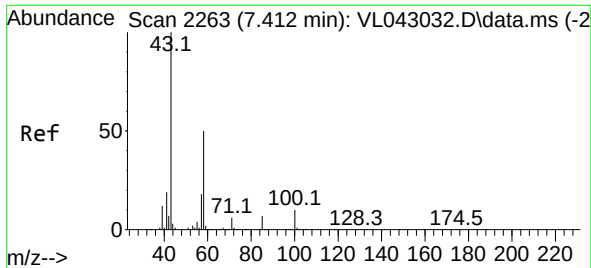


#50
4-Methyl-2-Pentanone
Concen: 11.422 ppbv
RT: 5.755 min Scan# 1751
Delta R.T. 0.042 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



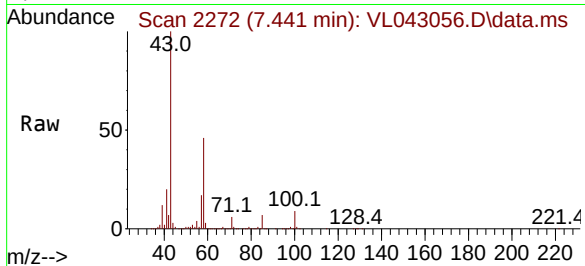
Tgt Ion: 43 Resp: 479434
Ion Ratio Lower Upper
43 100
58 35.4 28.7 43.1





#51
2-Hexanone
Concen: 11.961 ppbv
RT: 7.441 min Scan# 2117
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

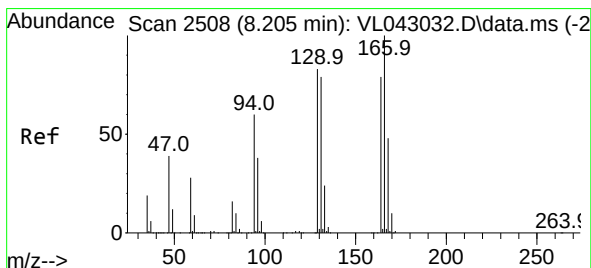
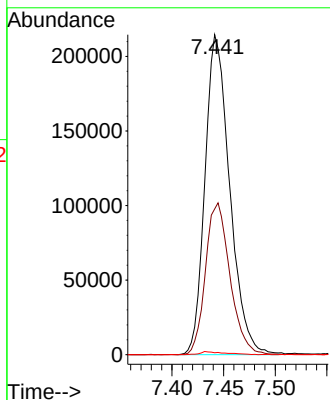
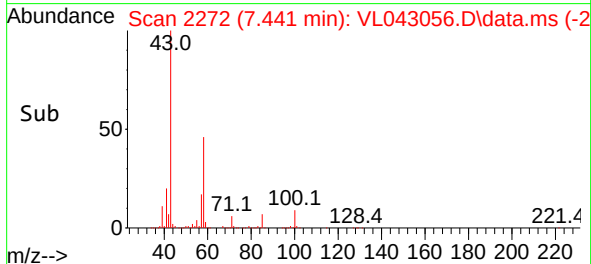
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



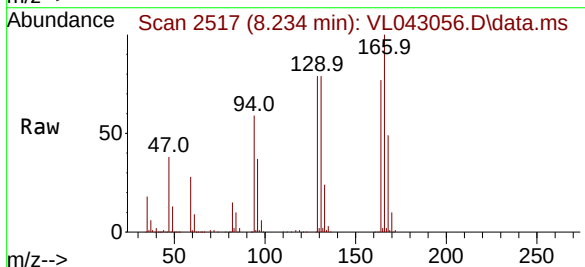
Tgt Ion: 43 Resp: 35734
Ion Ratio Lower Upper
43 100
58 47.1 39.1 58.7
98 1.0 0.5 0.7

Manual Integrations
APPROVED

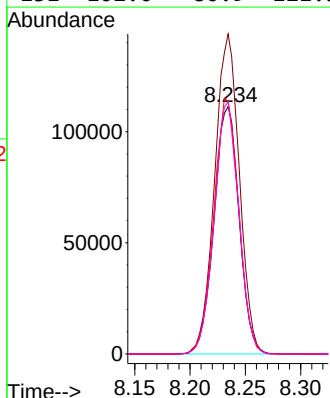
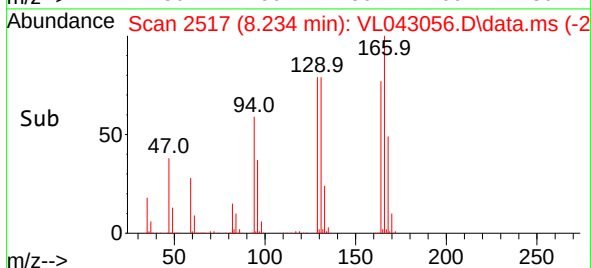
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

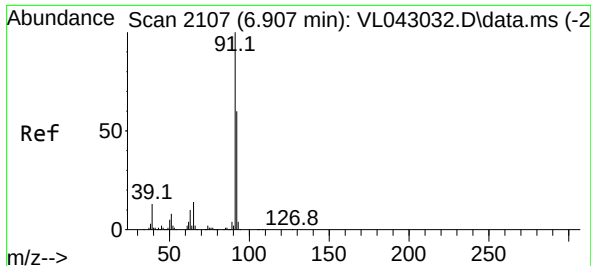


#52
Tetrachloroethene
Concen: 9.742 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.029 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion:164 Resp: 174823
Ion Ratio Lower Upper
164 100
166 129.3 101.8 152.8
129 102.1 84.5 126.7
131 102.0 80.9 121.3





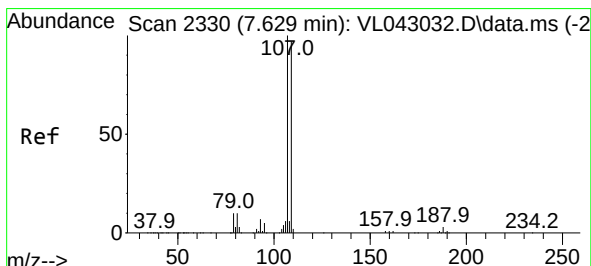
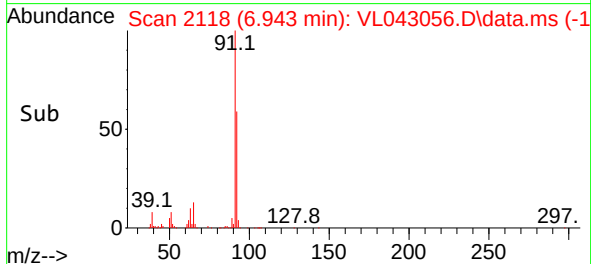
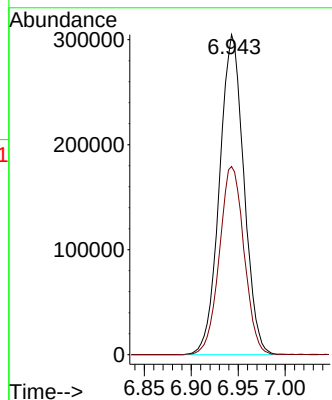
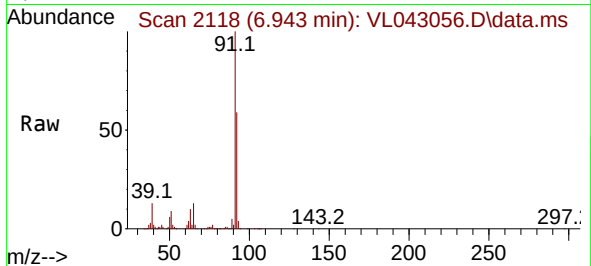
#53
Toluene
Concen: 11.253 ppbv
RT: 6.943 min Scan# 2107
Delta R.T. 0.036 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 91 Resp: 550580
Ion Ratio Lower Upper
91 100
92 59.6 47.8 71.6

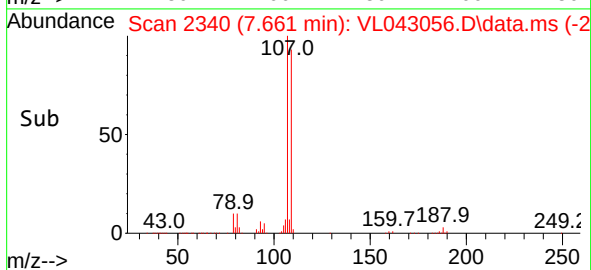
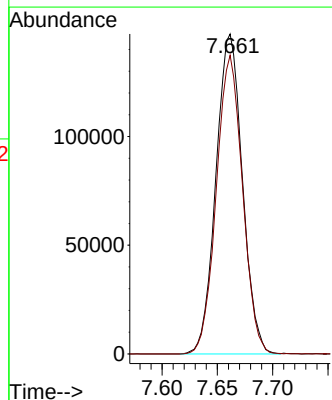
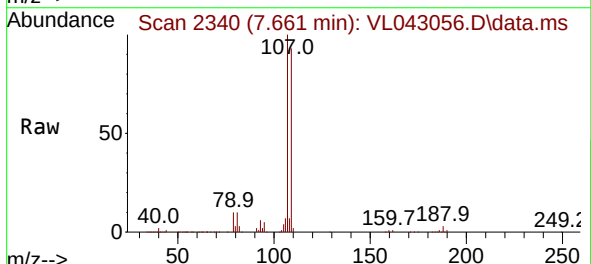
Manual Integrations
APPROVED

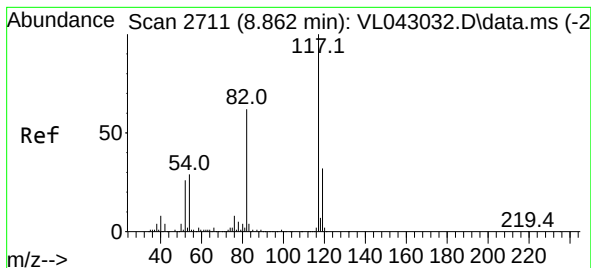
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#54
1,2-Dibromoethane
Concen: 10.331 ppbv
RT: 7.661 min Scan# 2340
Delta R.T. 0.032 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:107 Resp: 244672
Ion Ratio Lower Upper
107 100
109 93.3 77.4 116.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.026 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

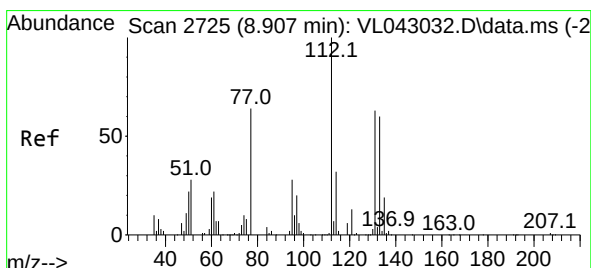
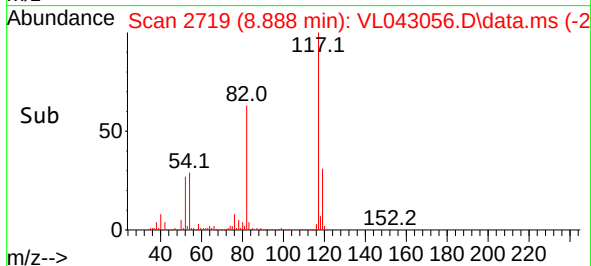
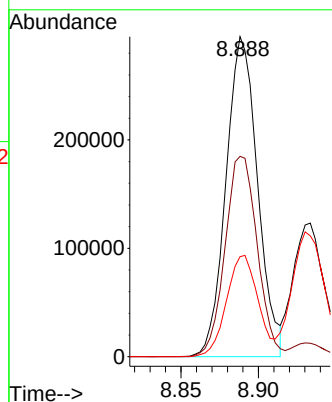
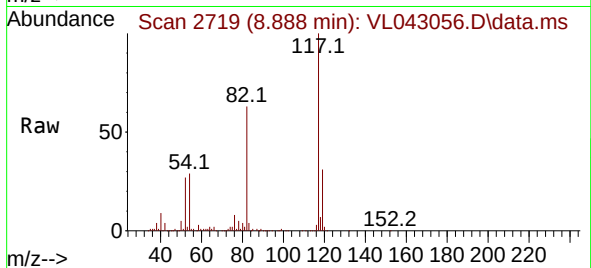
Tgt Ion:117 Resp: 420000

Ion	Ratio	Lower	Upper
117	100		
82	68.1	53.0	79.6
119	32.8	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.469 ppbv

RT: 8.933 min Scan# 2733

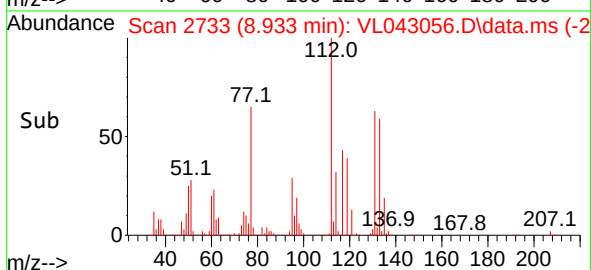
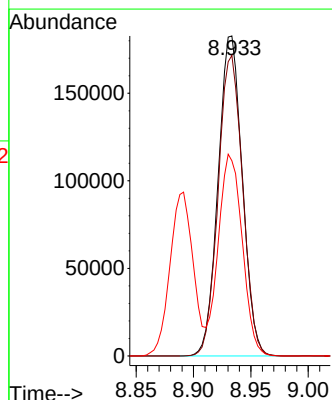
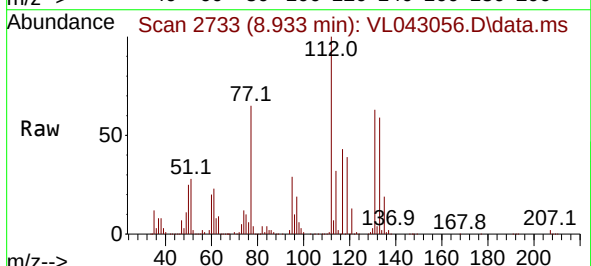
Delta R.T. 0.026 min

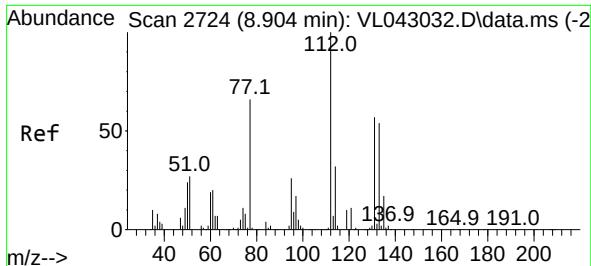
Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion:131 Resp: 268030

Ion	Ratio	Lower	Upper
131	100		
133	95.0	76.2	114.4
119	63.3	49.4	74.2





#57

Chlorobenzene

Concen: 10.242 ppbv

RT: 8.930 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

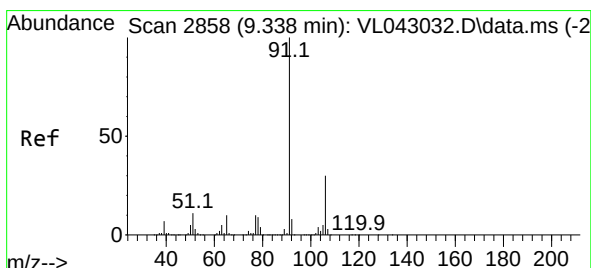
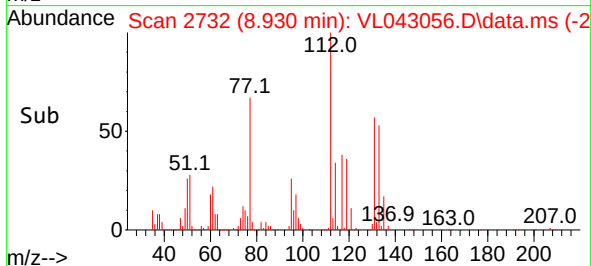
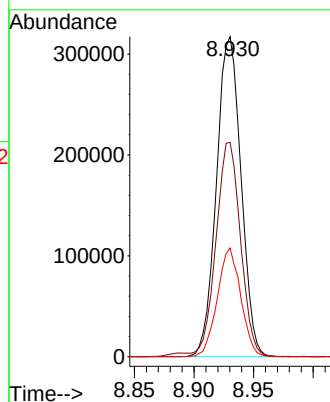
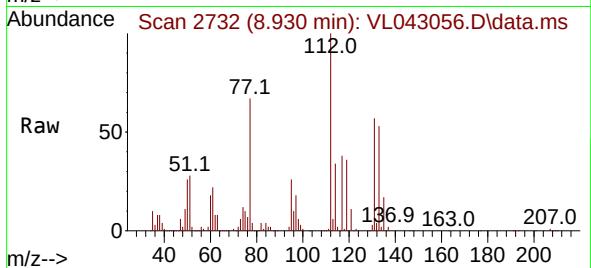
VL1008ABS01

Tgt Ion:	112	Resp:	45475
Ion Ratio	Lower	Upper	
112	100		
77	66.9	53.2	79.8
114	33.9	28.6	35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#58

Ethyl Benzene

Concen: 11.557 ppbv

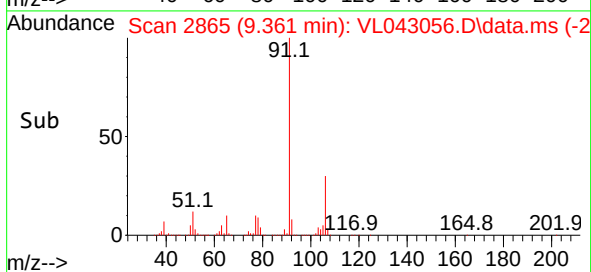
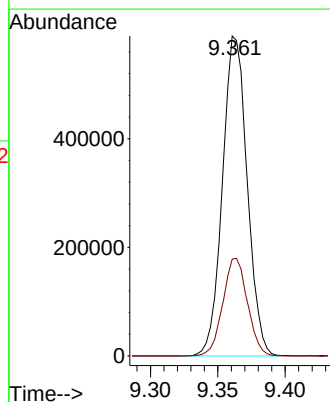
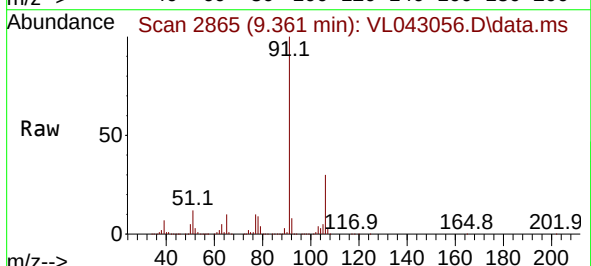
RT: 9.361 min Scan# 2865

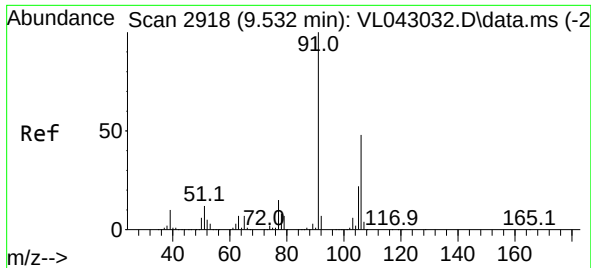
Delta R.T. 0.023 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion:	91	Resp:	751984
Ion Ratio	Lower	Upper	
91	100		
106	30.3	24.1	36.1





#59

m/p-Xylene

Concen: 23.019 ppbv m

RT: 9.558 min Scan# 2918

Delta R.T. 0.026 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion: 91 Resp: 1263318

Ion Ratio Lower Upper

91 100

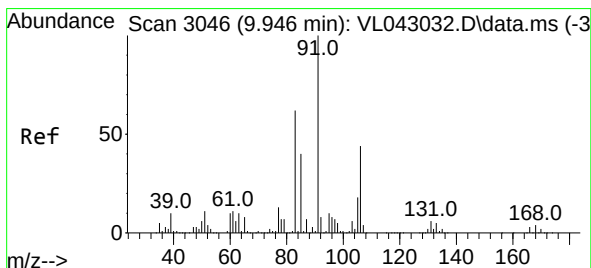
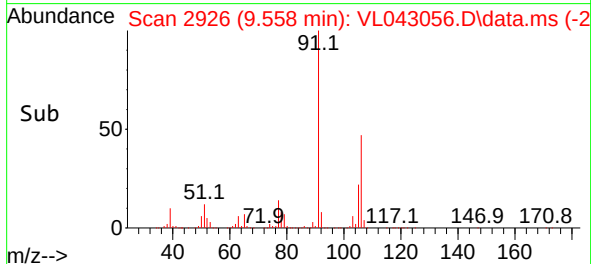
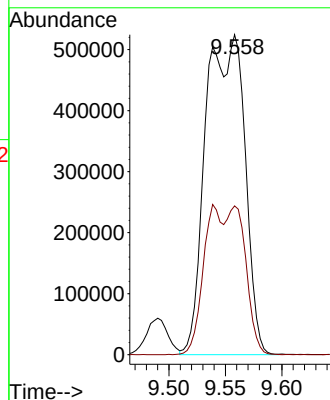
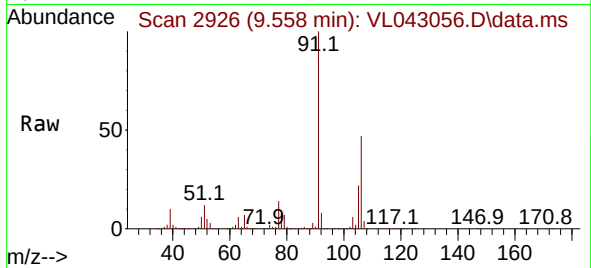
106 0.0 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#60

o-Xylene

Concen: 11.507 ppbv

RT: 9.972 min Scan# 3054

Delta R.T. 0.026 min

Lab File: VL043056.D

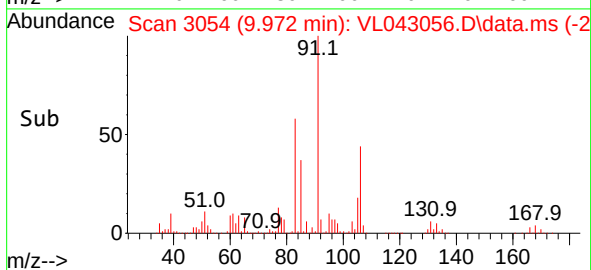
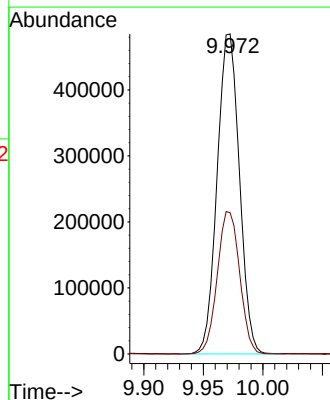
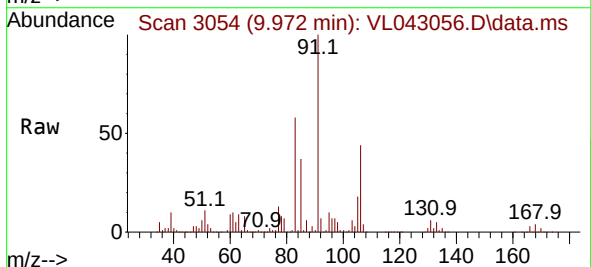
Acq: 08 Oct 2025 10:23

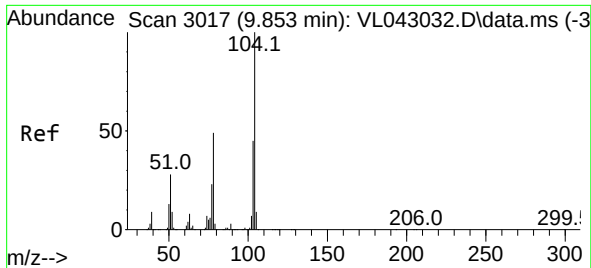
Tgt Ion: 91 Resp: 629102

Ion Ratio Lower Upper

91 100

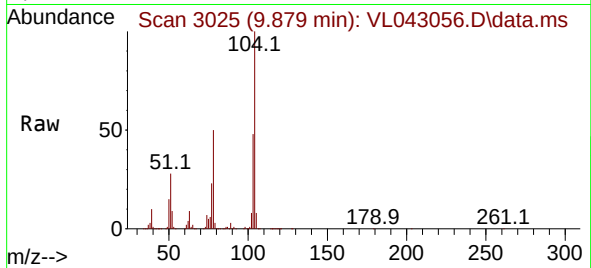
106 44.7 21.9 65.5





#61
Styrene
Concen: 11.562 ppbv
RT: 9.879 min Scan# 3017
Delta R.T. 0.026 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

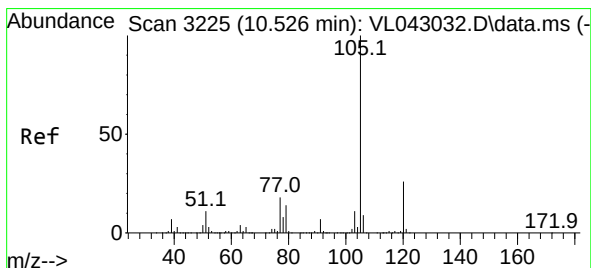
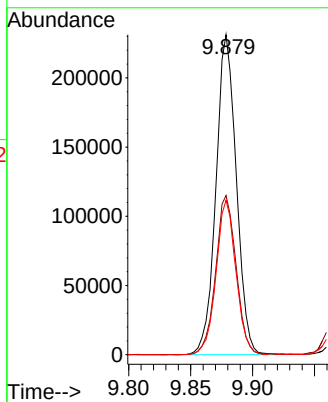
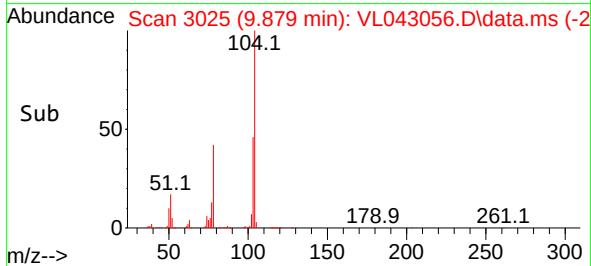
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



Tgt Ion:104 Resp: 264798
Ion Ratio Lower Upper
104 100
78 50.1 39.7 59.5
103 47.3 37.6 56.4

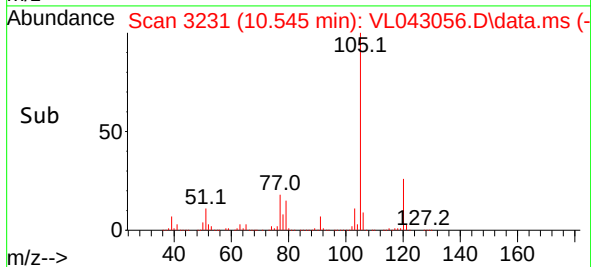
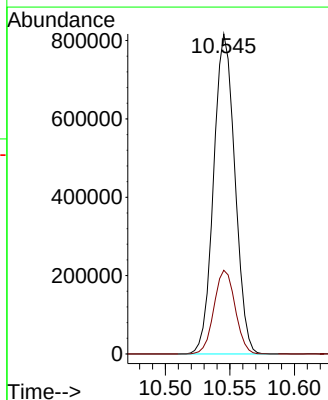
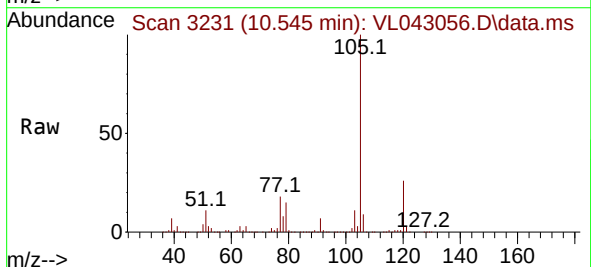
Manual Integrations
APPROVED

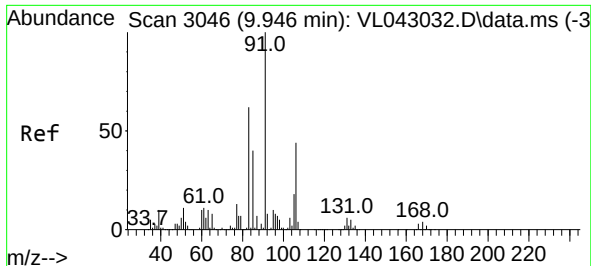
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#62
Isopropylbenzene
Concen: 11.134 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.020 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

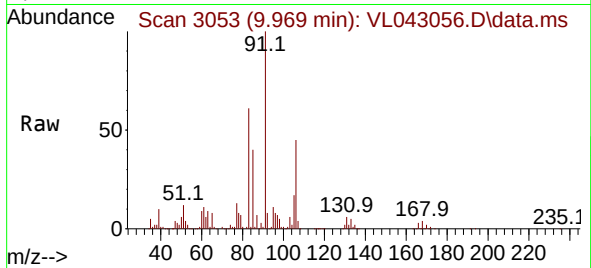
Tgt Ion:105 Resp: 934426
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 9.643 ppbv
RT: 9.969 min Scan# 3046
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

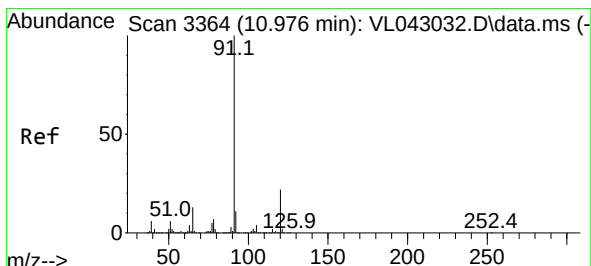
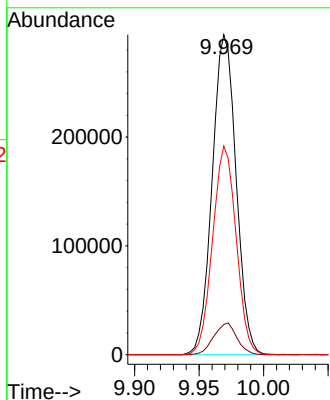
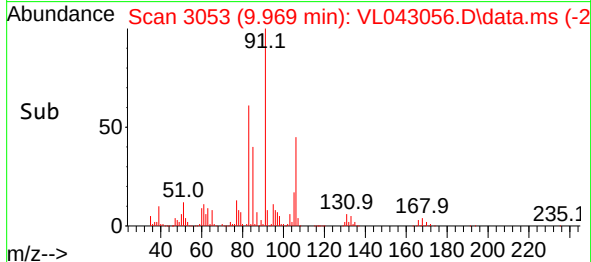
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



Tgt Ion: 83 Resp: 37818
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 64.1 32.0 96.2

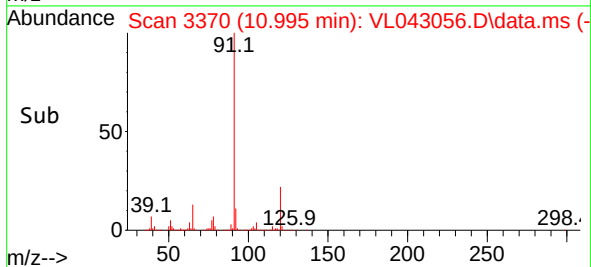
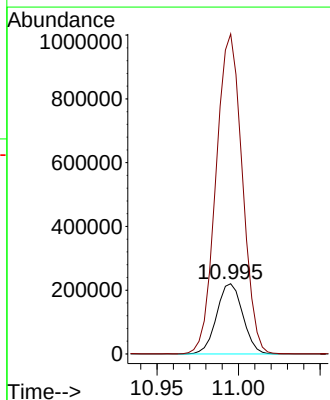
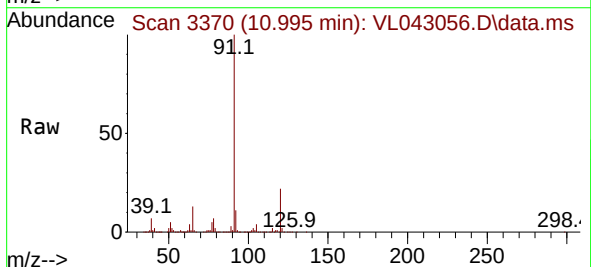
Manual Integrations
APPROVED

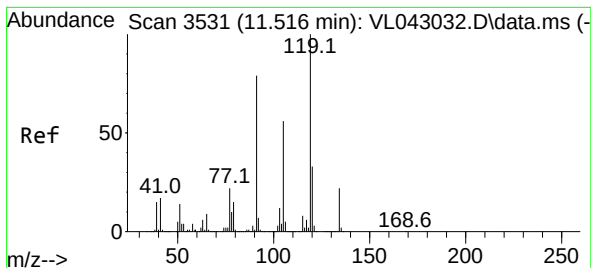
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#64
n-propylbenzene
Concen: 11.388 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. 0.019 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:120 Resp: 244470
Ion Ratio Lower Upper
120 100
91 461.2 367.0 550.4





#65

tert-Butylbenzene

Concen: 11.133 ppbv

RT: 11.536 min Scan# 3537

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion:119 Resp: 831489

Ion Ratio Lower Upper

119 100

91 77.9 63.1 94.7

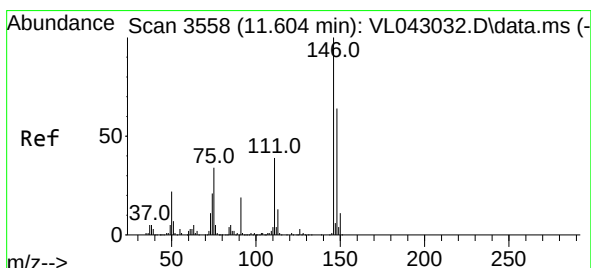
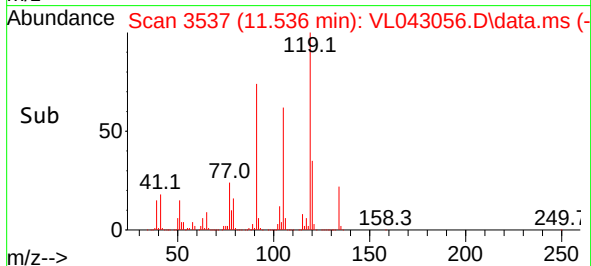
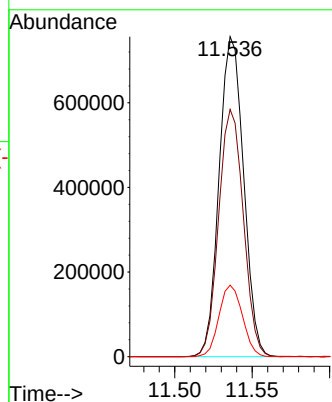
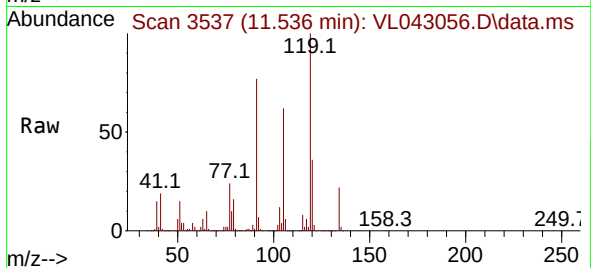
134 21.4 16.9 25.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#66

Benzyl Chloride

Concen: 9.718 ppbv

RT: 11.620 min Scan# 3563

Delta R.T. 0.016 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

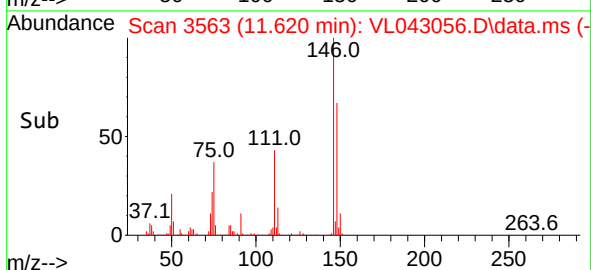
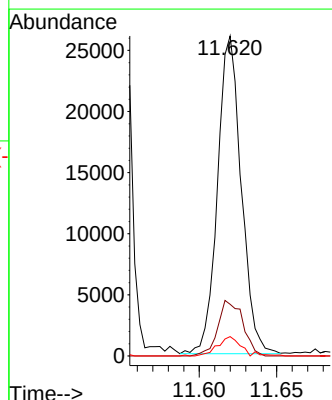
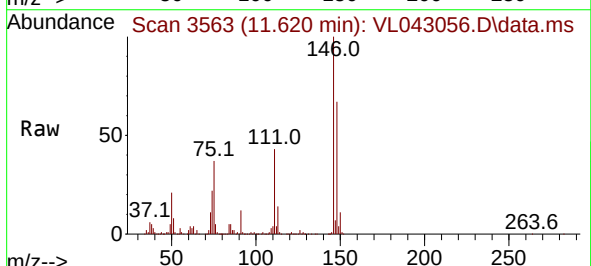
Tgt Ion: 91 Resp: 27741

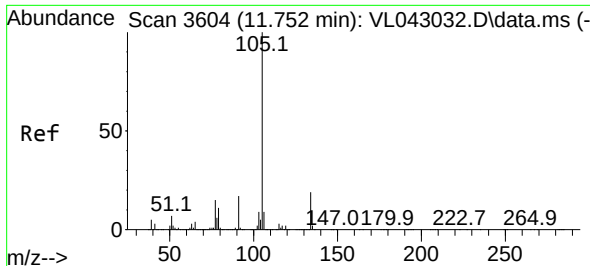
Ion Ratio Lower Upper

91 100

126 18.4 14.2 21.4

128 6.2 4.8 7.2





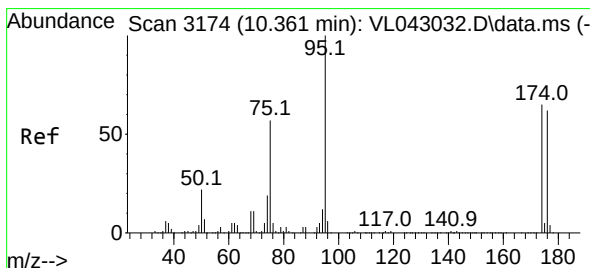
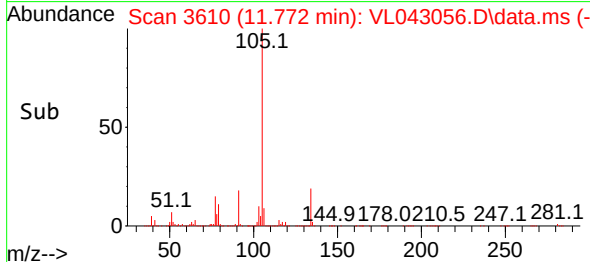
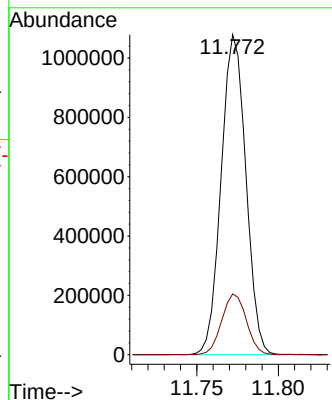
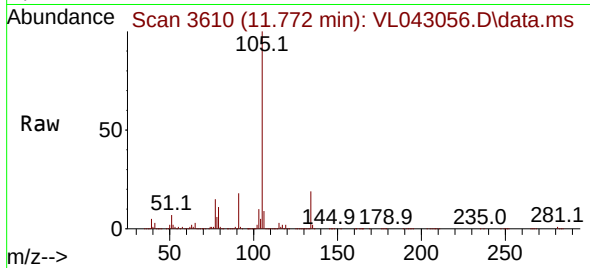
#67
 sec-Butylbenzene
 Concen: 10.896 ppbv
 RT: 11.772 min Scan# 30
 Delta R.T. 0.019 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Tgt Ion:105 Resp: 1135694
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.2 22.8

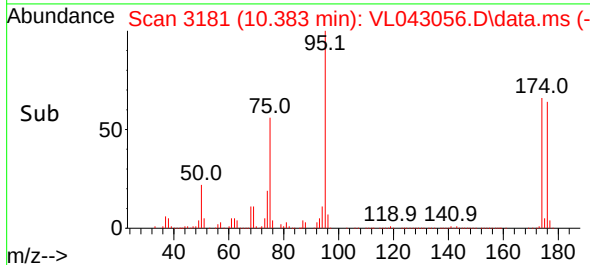
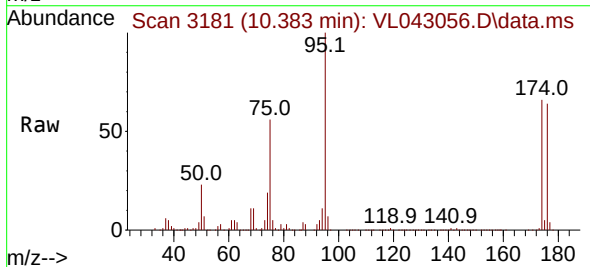
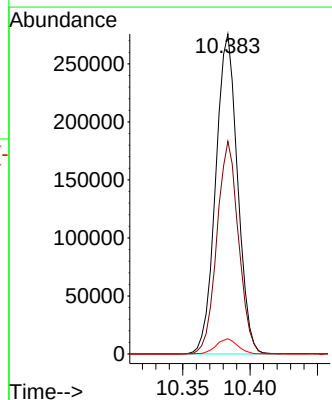
Manual Integrations
 APPROVED

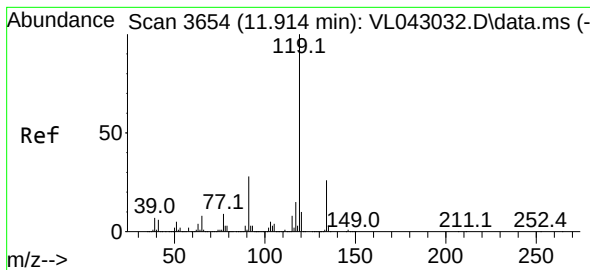
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.292 ppbv
 RT: 10.383 min Scan# 3181
 Delta R.T. 0.023 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 95 Resp: 311409
 Ion Ratio Lower Upper
 95 100
 174 66.0 52.3 78.5
 175 4.7 3.8 5.8





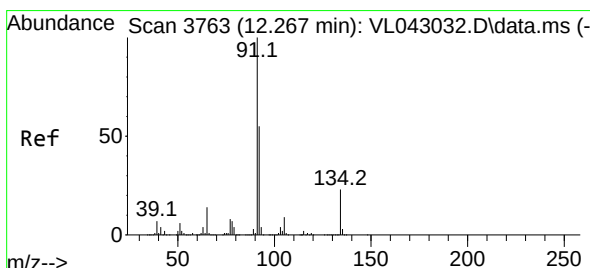
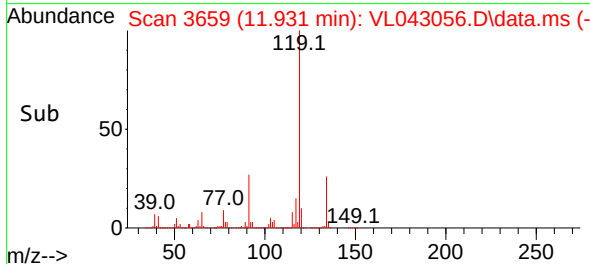
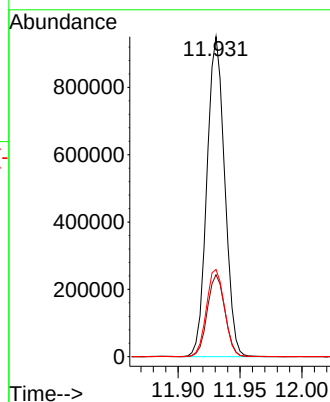
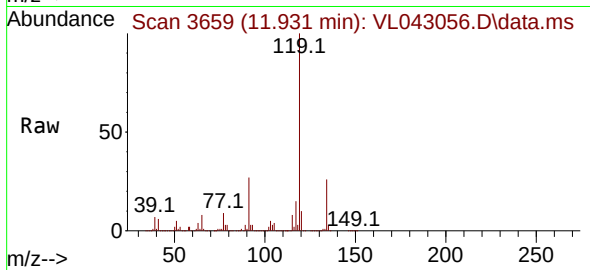
#69
 p-Isopropyltoluene
 Concen: 11.193 ppbv
 RT: 11.931 min Scan# 3659
 Delta R.T. 0.016 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1008ABS01

Tgt Ion: 119 Resp: 948994
 Ion Ratio Lower Upper
 119 100
 134 25.5 20.5 30.7
 91 27.8 22.6 33.8

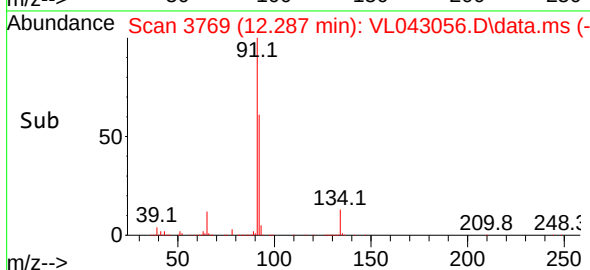
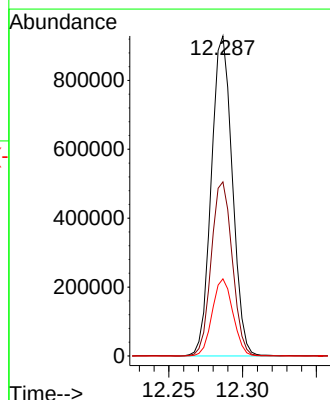
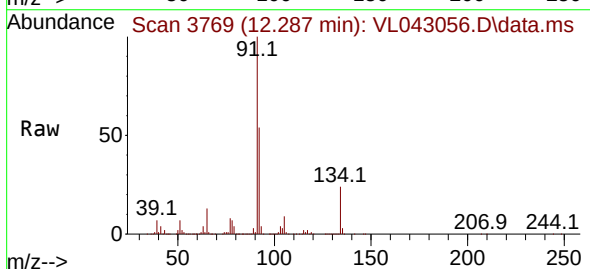
Manual Integrations
 APPROVED

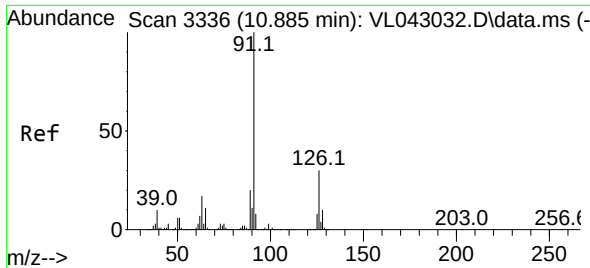
Reviewed By :Semsettin Yesilyurt 10/09/2025
 Supervised By :Mahesh Dadoda 10/10/2025



#70
 n-Butylbenzene
 Concen: 11.241 ppbv
 RT: 12.287 min Scan# 3769
 Delta R.T. 0.019 min
 Lab File: VL043056.D
 Acq: 08 Oct 2025 10:23

Tgt Ion: 91 Resp: 917717
 Ion Ratio Lower Upper
 91 100
 92 54.7 43.9 65.9
 134 23.8 18.9 28.3





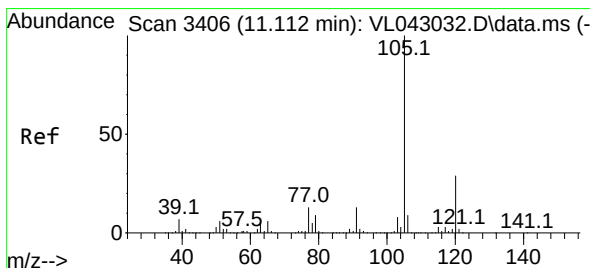
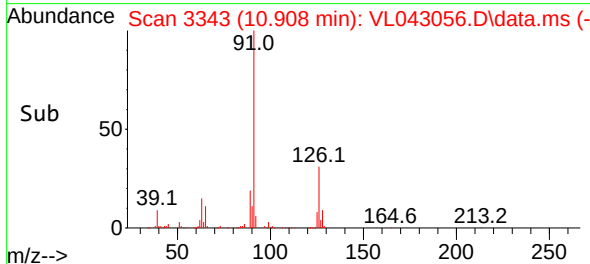
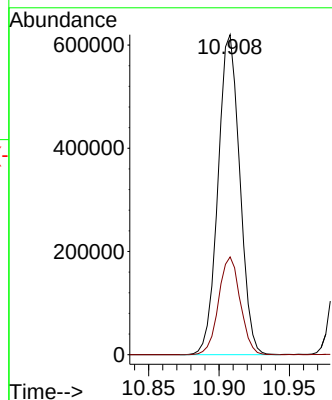
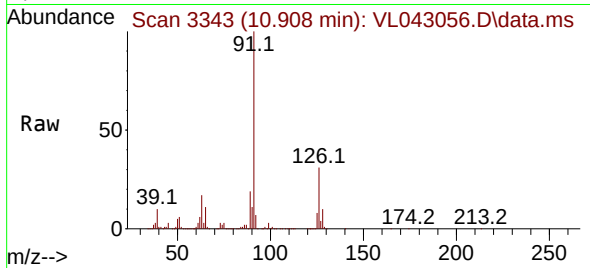
#71
2-Chlorotoluene
Concen: 10.990 ppbv
RT: 10.908 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01

Tgt Ion: 91 Resp: 66753
Ion Ratio Lower Upper
91 100
126 30.4 12.2 48.6

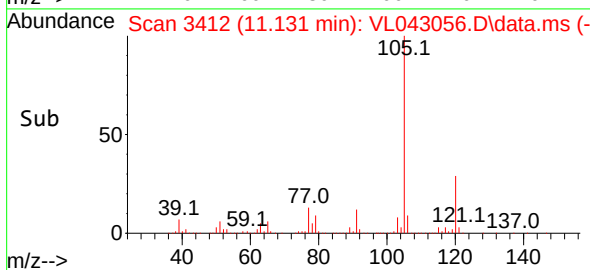
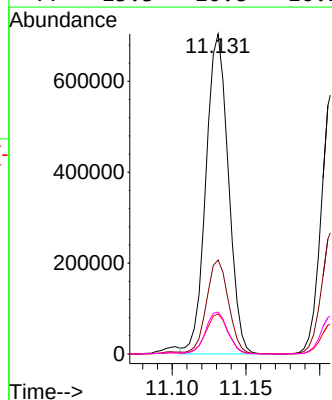
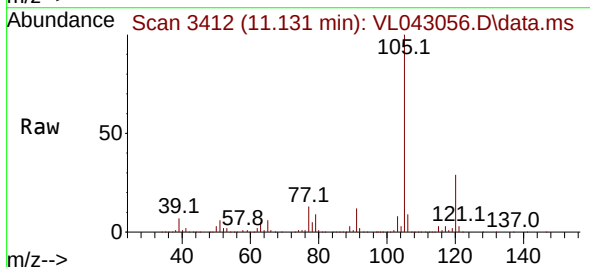
Manual Integrations
APPROVED

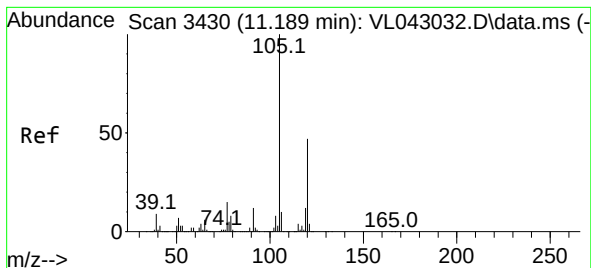
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025



#72
4-Ethyltoluene
Concen: 11.439 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. 0.020 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

Tgt Ion:105 Resp: 744358
Ion Ratio Lower Upper
105 100
120 29.6 23.5 35.3
91 12.9 10.4 15.6
77 13.3 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 11.098 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion:105 Resp: 62470

Ion Ratio Lower Upper

105 100

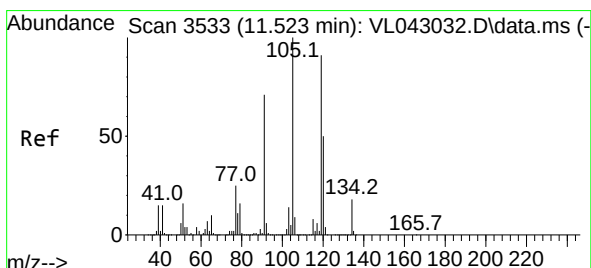
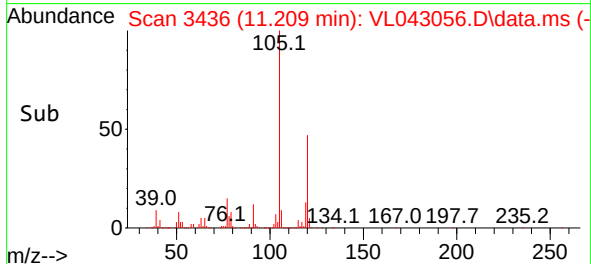
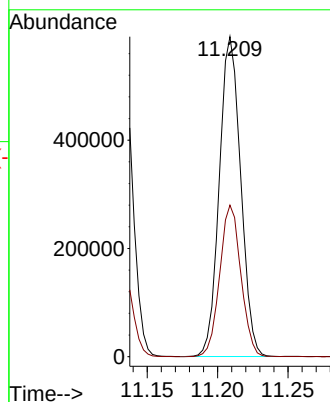
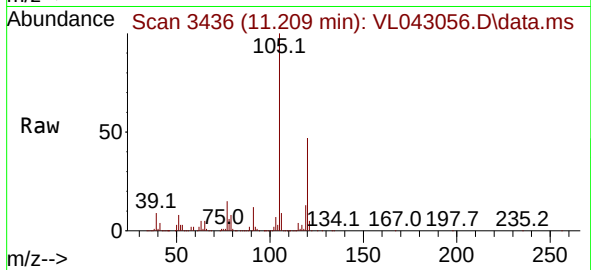
120 47.3 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.976 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. 0.020 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Tgt Ion:105 Resp: 697335

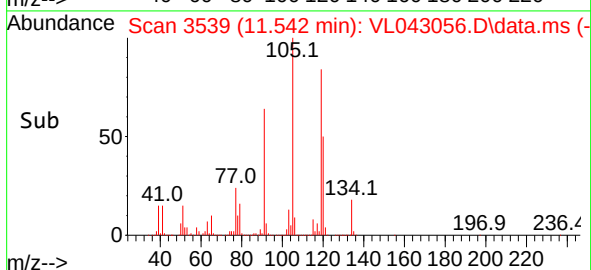
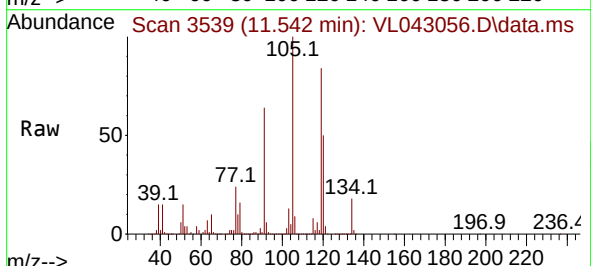
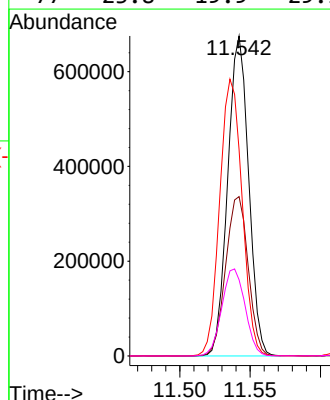
Ion Ratio Lower Upper

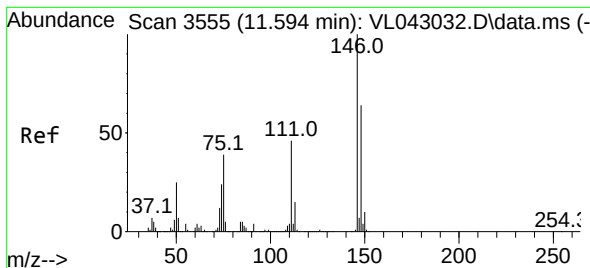
105 100

120 49.8 39.7 59.5

91 64.4 56.5 84.7

77 23.8 19.9 29.9





#75

1,3-Dichlorobenzene

Concen: 9.895 ppbv

RT: 11.613 min Scan# 3555

Delta R.T. 0.019 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01

Tgt Ion:146 Resp: 40888

Ion Ratio Lower Upper

146 100

111 45.1 22.6 67.7

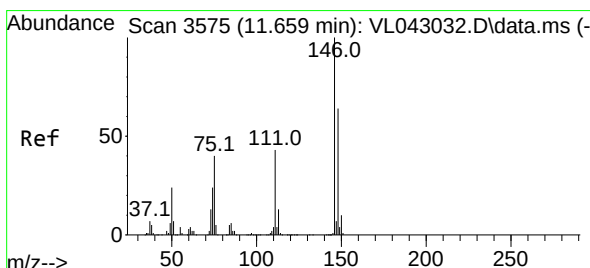
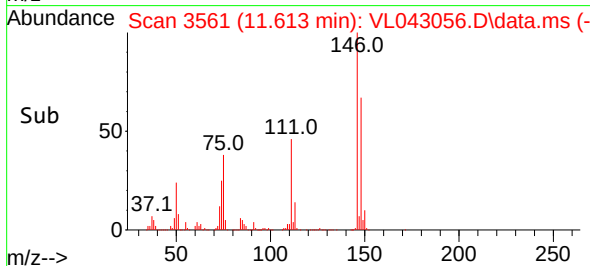
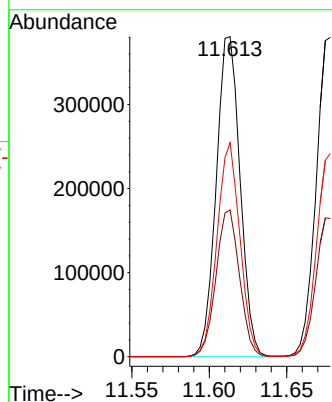
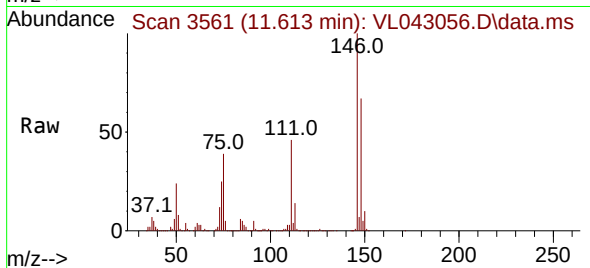
148 64.1 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025



#76

1,4-Dichlorobenzene

Concen: 10.285 ppbv

RT: 11.678 min Scan# 3581

Delta R.T. 0.020 min

Lab File: VL043056.D

Acq: 08 Oct 2025 10:23

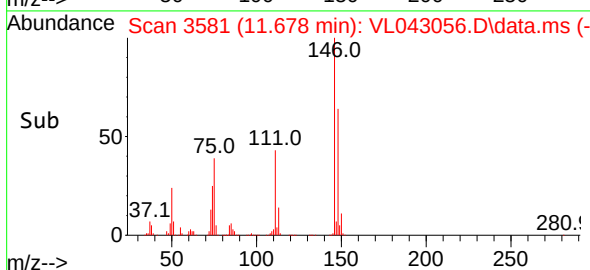
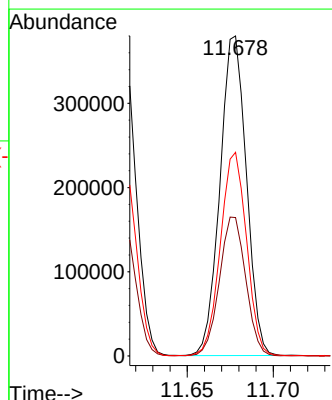
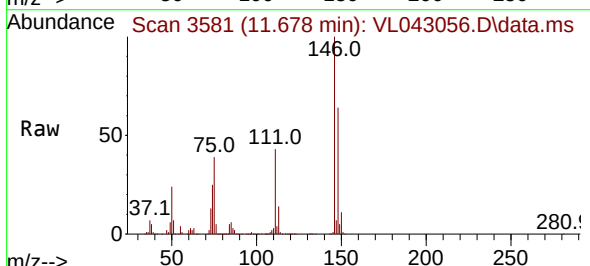
Tgt Ion:146 Resp: 405222

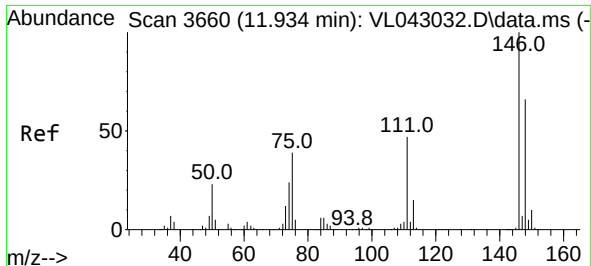
Ion Ratio Lower Upper

146 100

111 43.5 21.7 65.1

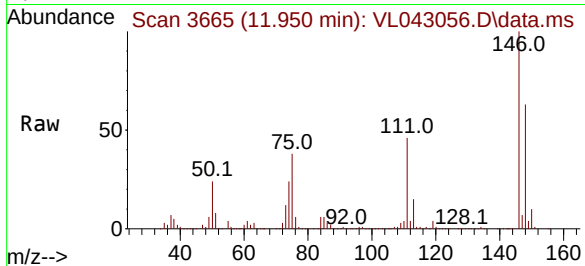
148 63.3 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 9.606 ppbv
RT: 11.950 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

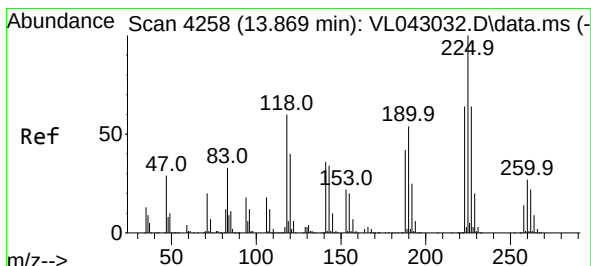
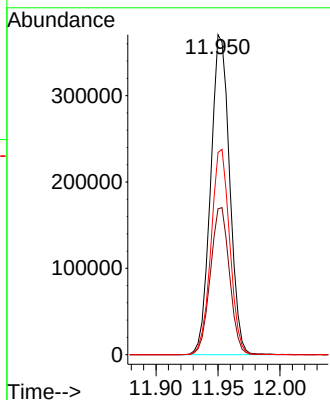
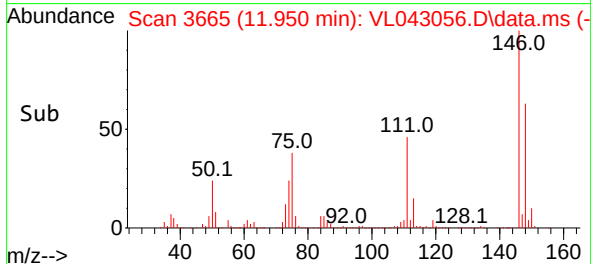
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



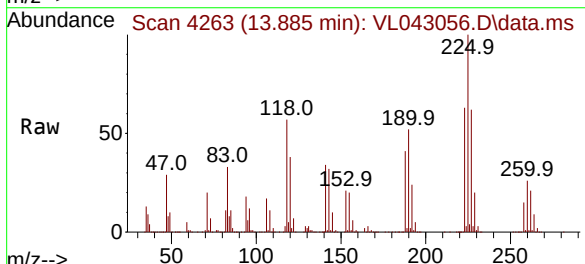
Tgt Ion:146 Resp: 395362
Ion Ratio Lower Upper
146 100
111 46.4 23.2 69.5
148 63.3 31.9 95.7

Manual Integrations
APPROVED

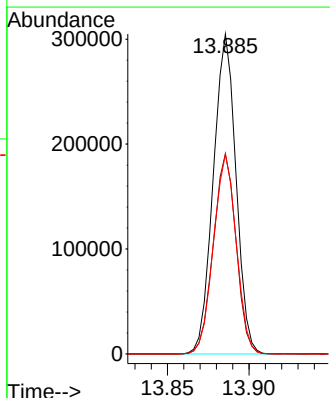
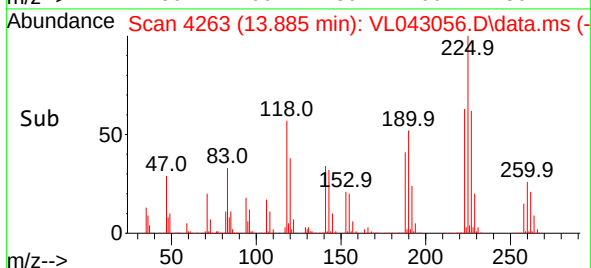
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

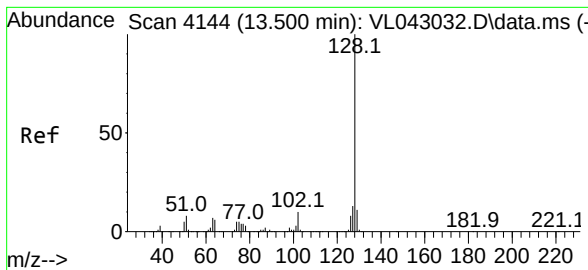


#78
Hexachloro-1,3-Butadiene
Concen: 10.277 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. 0.016 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



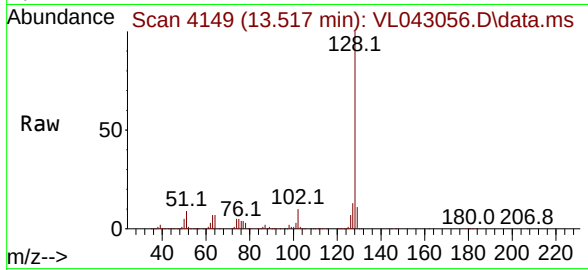
Tgt Ion:225 Resp: 294735
Ion Ratio Lower Upper
225 100
223 62.6 50.9 76.3
227 62.8 50.9 76.3





#79
Naphthalene
Concen: 10.024 ppbv
RT: 13.517 min Scan# 4144
Delta R.T. 0.017 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23

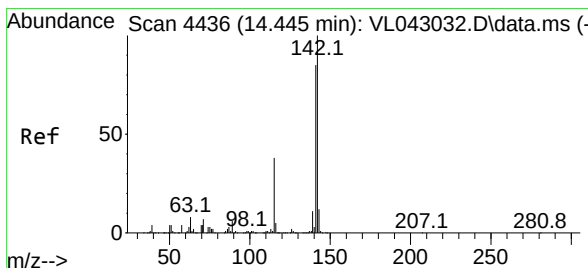
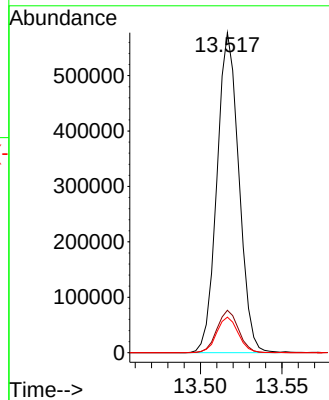
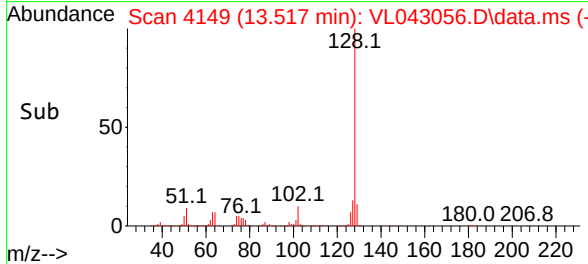
Instrument :
MSVOA_L
ClientSampleId :
VL1008ABS01



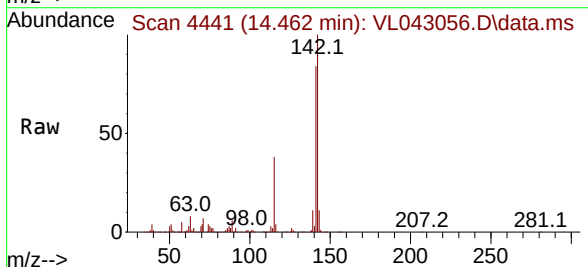
Tgt Ion:128 Resp: 540252
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.1 8.8 13.2

Manual Integrations
APPROVED

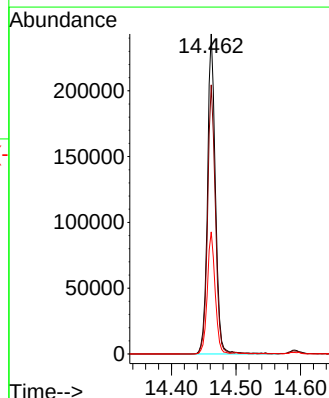
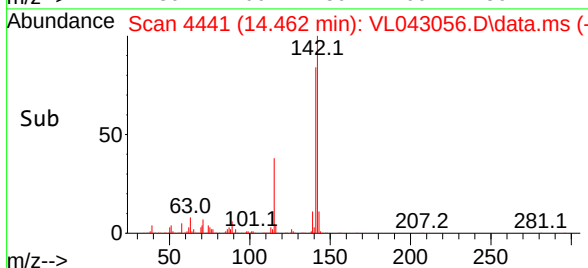
Reviewed By :Semsettin Yesilyurt 10/09/2025
Supervised By :Mahesh Dadoda 10/10/2025

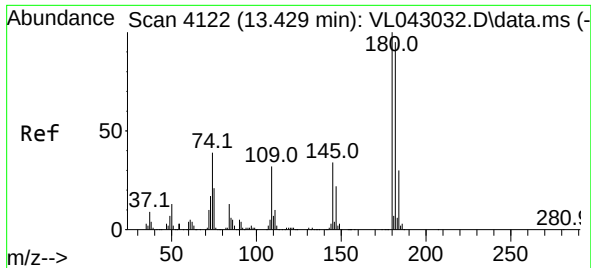


#80
Naphthalene,2-methyl-
Concen: 8.390 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. 0.017 min
Lab File: VL043056.D
Acq: 08 Oct 2025 10:23



Tgt Ion:142 Resp: 208159
Ion Ratio Lower Upper
142 100
141 83.8 66.6 100.0
115 38.2 30.1 45.1





#81

1,2,4-Trichlorobenzene

Concen: 12.721 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.016 min

Lab File: VL043056.D

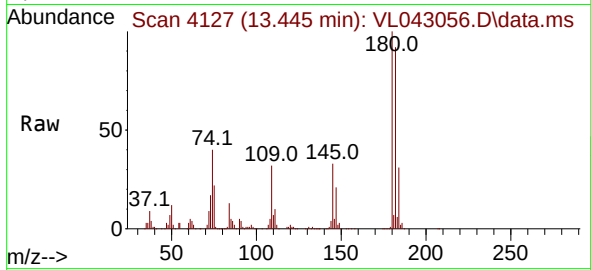
Acq: 08 Oct 2025 10:23

Instrument :

MSVOA_L

ClientSampleId :

VL1008ABS01



Tgt Ion:180 Resp: 31148

Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

184 30.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/09/2025

Supervised By :Mahesh Dadoda 10/10/2025

