

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052025\
 Data File : VL042554.D
 Acq On : 20 May 2025 15:25
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL052025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 00:50:32 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M

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

QLast Update : Wed May 21 00:21:29 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	118431	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	390961	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	346965	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 285896 10.296 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	209354	9.453	ppbv	99
3) Chlorodifluoromethane	1.476	51	168456	9.231	ppbv	99
4) Chloromethane	1.534	50	65042	9.116	ppbv	96
5) Vinyl Chloride	1.580	62	70471	8.959	ppbv	99
6) Bromomethane	1.667	94	42047	9.291	ppbv	97
7) Chloroethane	1.706	64	28764	9.094	ppbv	99
8) Dichlorotetrafluoroethane	1.554	85	177488	9.461	ppbv	99
9) Propene	1.483	41	59245	9.342	ppbv	100
10) Heptane	4.985	43	173619	10.390	ppbv	98
11) Trichlorofluoromethane	1.877	101	212118	9.173	ppbv	99
12) 1,1,2-Trichlorotrifluo...	2.140	101	173752	9.321	ppbv	98
13) Ethanol	1.722	45	7069	7.689	ppbv	96
14) Bromoethene	1.784	108	63741	9.051	ppbv	99
15) Acetone	1.835	43	125505	7.605	ppbv	100
16) 1,3-Butadiene	1.609	39	60004	8.956	ppbv	98
17) tert-Butyl alcohol	2.043	59	175255	9.189	ppbv	99
18) 1,1-Dichloroethene	2.036	96	77131	9.156	ppbv	97
19) Isopropyl Alcohol	1.887	45	84059	8.957	ppbv	99
20) Methylene Chloride	2.062	84	66538	8.327	ppbv	98
21) Allyl Chloride	2.098	41	100865	9.541	ppbv	99
22) trans-1,2-Dichloroethene	2.344	96	88976	9.519	ppbv	98
23) Vinyl Acetate	2.463	43	182347	9.710	ppbv	98
24) 1,1-Dichloroethane	2.412	63	150422	9.385	ppbv	99
25) Ethyl Acetate	2.839	43	315514	9.890	ppbv	100
26) Hexane	2.829	57	146589	10.163	ppbv	99
27) Carbon Disulfide	2.153	76	201875	9.662	ppbv #	95
28) Methyl tert-Butyl Ether	2.441	73	90847	9.347	ppbv	99
29) Chloroform	2.852	83	258359	9.471	ppbv	98
30) Cyclohexane	3.862	84	129538	10.380	ppbv	99
31) cis-1,2-Dichloroethene	2.722	61	152162	9.594	ppbv	98
32) 1,1,1-Trichloroethane	3.373	97	270244	9.694	ppbv	100
34) 2-Butanone	2.560	43	200309	9.652	ppbv	99
35) Carbon Tetrachloride	3.768	117	290300	9.711	ppbv	98
36) Benzene	3.661	78	313239	9.900	ppbv	99
37) 1,2-Dichloroethane	3.221	62	188170	9.734	ppbv	99
38) Trichloroethene	4.554	130	140627	9.739	ppbv	98
39) 1,2-Dichloropropane	4.321	63	108946	9.811	ppbv	97
40) 1,4-Dioxane	4.590	88	51792	10.427	ppbv #	95
41) Tetrahydrofuran	3.059	42	108440	10.718	ppbv	99
42) Bromodichloromethane	4.496	83	274837	10.090	ppbv	99
43) Methyl Methacrylate	4.888	69	116455	10.847	ppbv	99
44) 2,2,4-Trimethylpentane	4.648	57	501579	10.336	ppbv	99
45) t-1,3-Dichloropropene	6.422	75	147149	10.744	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052025\
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Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL052025

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/21/2025
 Supervised By : Mahesh Dadoda 05/21/2025

Quant Time: May 21 00:50:32 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M

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

QLast Update : Wed May 21 00:21:29 2025

Response via : Initial Calibration

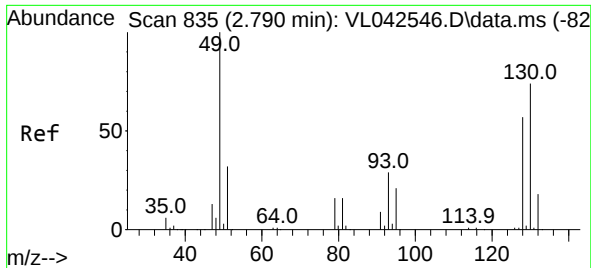
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	178337	10.707	ppbv	98
47) 1,1,2-Trichloroethane	6.590	97	131390	9.877	ppbv	97
48) Dibromochloromethane	7.393	129	237878	10.332	ppbv	99
49) Bromoform	9.490	173	205628	10.465	ppbv	99
50) 4-Methyl-2-Pentanone	5.758	43	270068	10.845	ppbv	99
51) 2-Hexanone	7.441	43	212915	11.593	ppbv #	99
52) Tetrachloroethene	8.234	164	120720	9.784	ppbv	96
53) Toluene	6.943	91	362812	10.728	ppbv	100
54) 1,2-Dibromoethane	7.658	107	200806	10.360	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.933	131	183591	9.925	ppbv	100
57) Chlorobenzene	8.927	112	301190	9.745	ppbv	99
58) Ethyl Benzene	9.361	91	510318	11.235	ppbv	99
59) m/p-Xylene	9.558	91	861031m	22.200	ppbv	
60) o-Xylene	9.969	91	430083	11.195	ppbv	100
61) Styrene	9.875	104	175102	11.892	ppbv	98
62) Isopropylbenzene	10.545	105	637555	10.847	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.969	83	260626	10.152	ppbv	100
64) n-propylbenzene	10.995	120	165094	11.275	ppbv	99
65) tert-Butylbenzene	11.536	119	585125	11.067	ppbv	99
66) Benzyl Chloride	11.620	91	72130	10.904	ppbv	99
67) sec-Butylbenzene	11.772	105	801855	10.744	ppbv	100
69) p-Isopropyltoluene	11.930	119	696584	11.302	ppbv	100
70) n-Butylbenzene	12.287	91	673132	11.559	ppbv	100
71) 2-Chlorotoluene	10.904	91	469644	11.102	ppbv	99
72) 4-Ethyltoluene	11.131	105	544005	11.466	ppbv	99
73) 1,3,5-Trimethylbenzene	11.209	105	454453	11.073	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	517733	10.461	ppbv	98
75) 1,3-Dichlorobenzene	11.613	146	310575	10.168	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	312140	10.523	ppbv	99
77) 1,2-Dichlorobenzene	11.953	146	300239	9.977	ppbv	99
78) Hexachloro-1,3-Butadiene	13.885	225	229507	9.233	ppbv	100
79) Naphthalene	13.516	128	476134	12.839	ppbv	100
80) Naphthalene,2-methyl-	14.462	142	264592	13.848	ppbv	99
81) 1,2,4-Trichlorobenzene	13.445	180	251081	11.272	ppbv	99

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

Manual Integrations

Quant Time: May 21 00:50:32 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL052025AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed May 21 00:21:29 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 835

Delta R.T. 0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025

Tgt Ion: 49 Resp: 11843

Ion Ratio Lower Upper

49 100

128 55.7 28.6 85.8

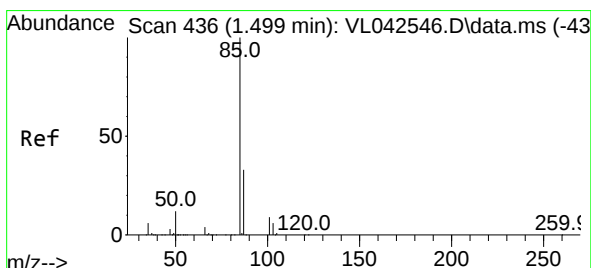
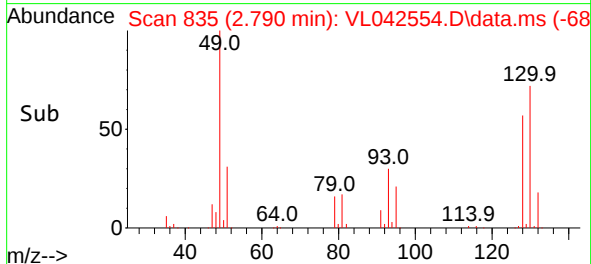
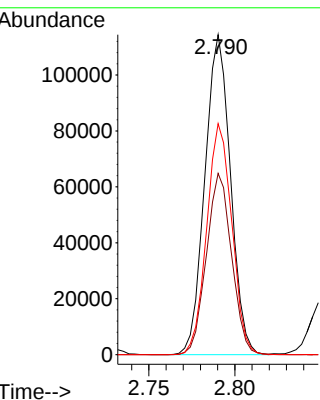
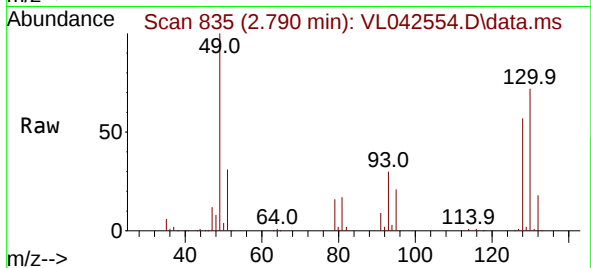
130 71.0 36.6 109.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#2

Dichlorodifluoromethane

Concen: 9.453 ppbv

RT: 1.499 min Scan# 436

Delta R.T. -0.000 min

Lab File: VL042554.D

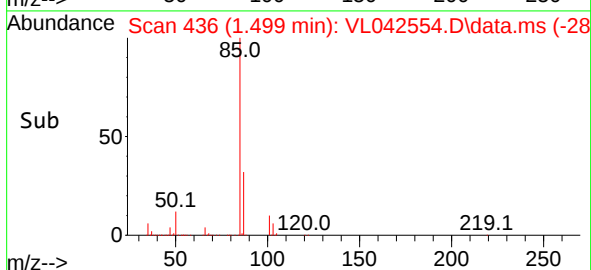
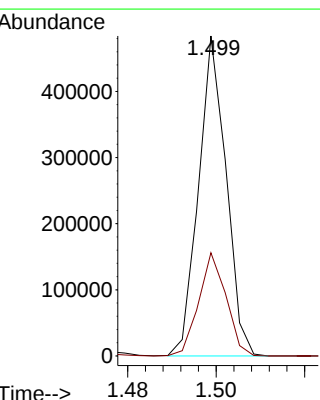
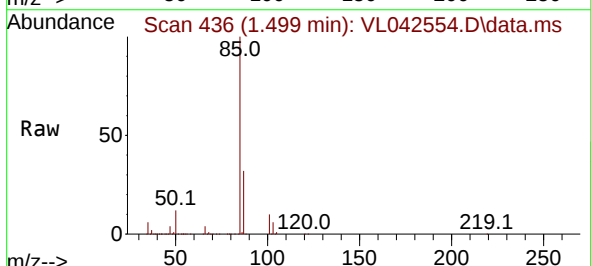
Acq: 20 May 2025 15:25

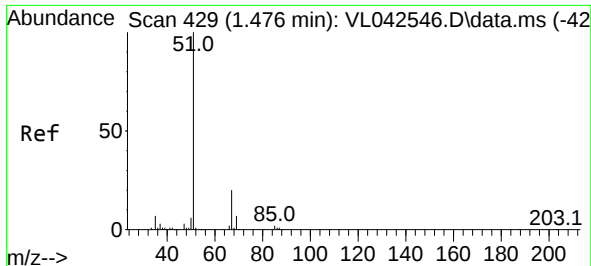
Tgt Ion: 85 Resp: 209354

Ion Ratio Lower Upper

85 100

87 32.2 26.2 39.4





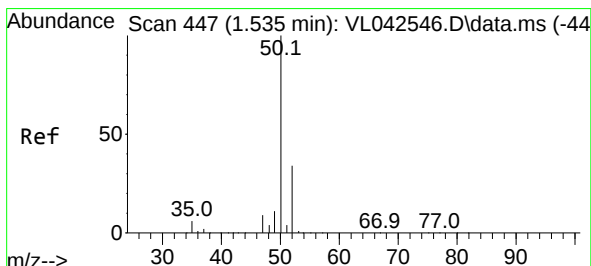
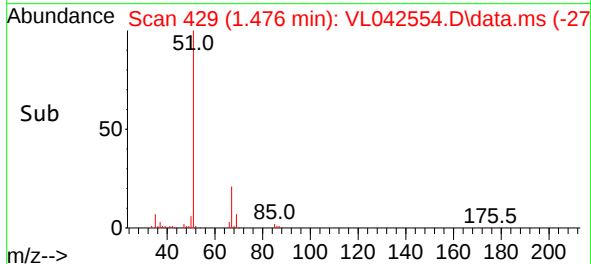
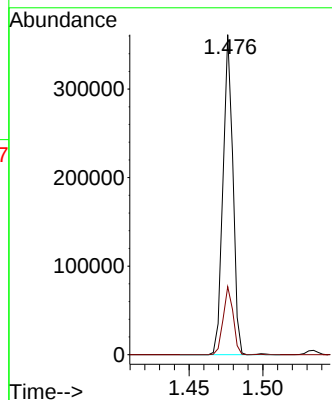
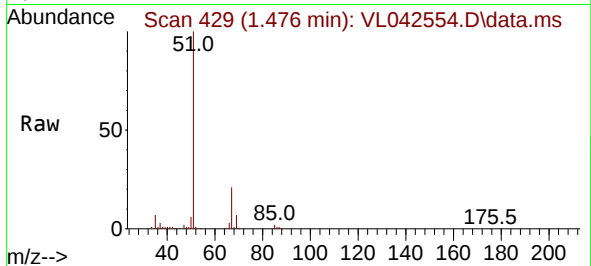
#3
Chlorodifluoromethane
Concen: 9.231 ppbv
RT: 1.476 min Scan# 429
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion: 51 Resp: 168450
Ion Ratio Lower Upper
51 100
67 21.4 16.6 25.0

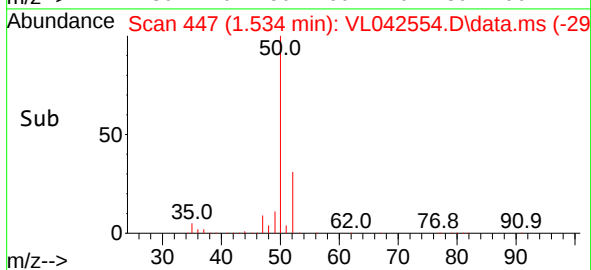
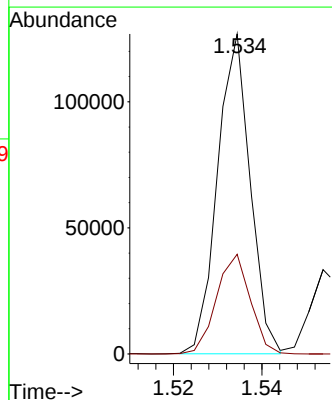
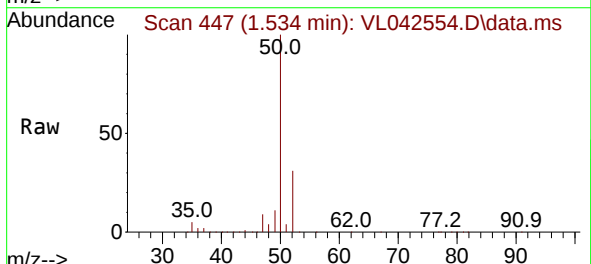
Manual Integrations
APPROVED

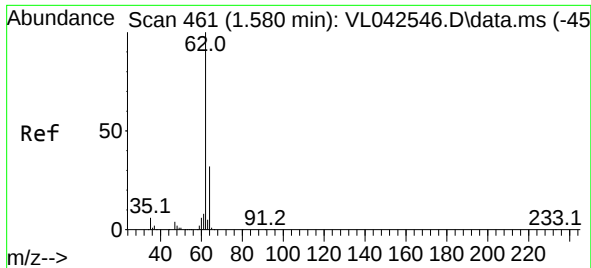
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#4
Chloromethane
Concen: 9.116 ppbv
RT: 1.534 min Scan# 447
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

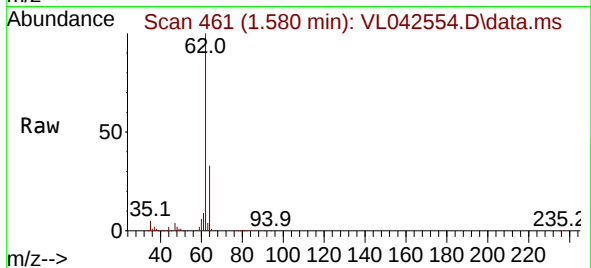
Tgt Ion: 50 Resp: 65042
Ion Ratio Lower Upper
50 100
52 31.1 26.9 40.3





#5
 Vinyl Chloride
 Concen: 8.959 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

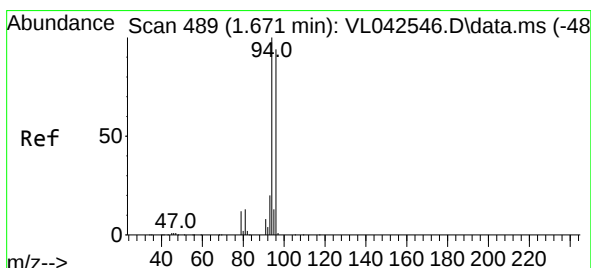
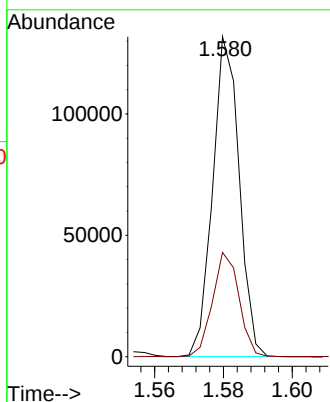
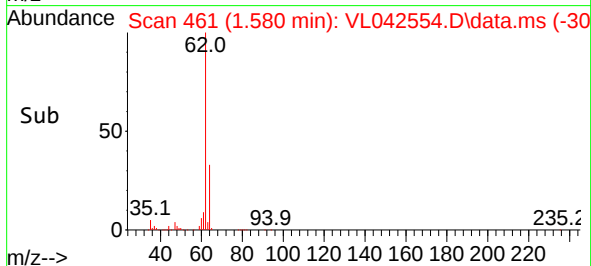
Instrument : MSVOA_L
 ClientSampleId : ICVVL052025



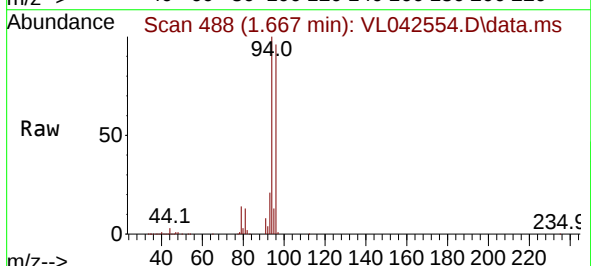
Tgt Ion: 62 Resp: 7047
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.7 38.5

Manual Integrations
 APPROVED

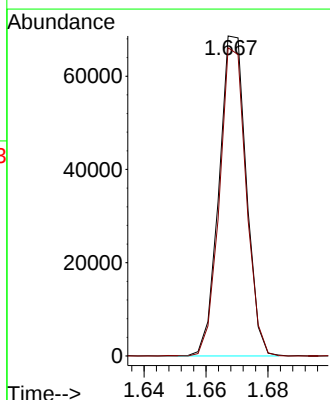
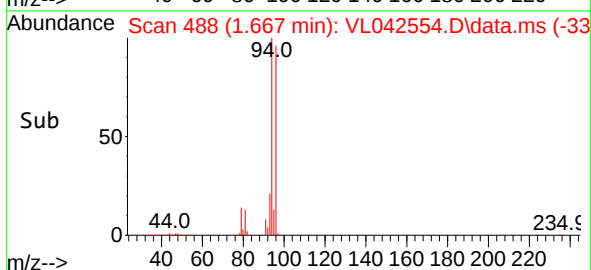
Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

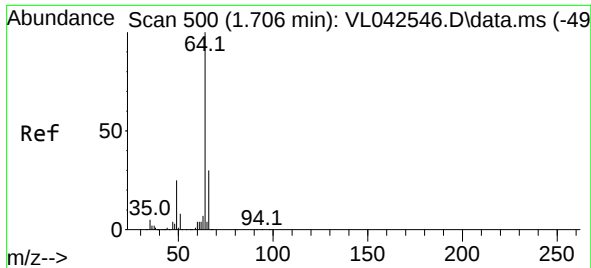


#6
 Bromomethane
 Concen: 9.291 ppbv
 RT: 1.667 min Scan# 488
 Delta R.T. -0.003 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25



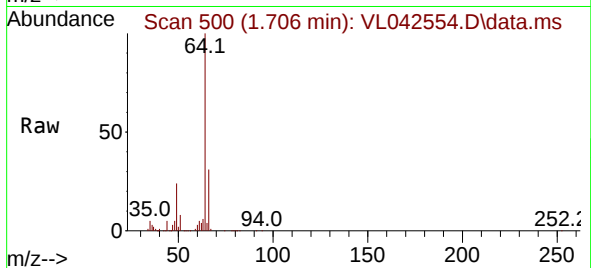
Tgt Ion: 94 Resp: 42047
 Ion Ratio Lower Upper
 94 100
 96 96.2 74.9 112.3





#7
Chloroethane
Concen: 9.094 ppbv
RT: 1.706 min Scan# 500
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

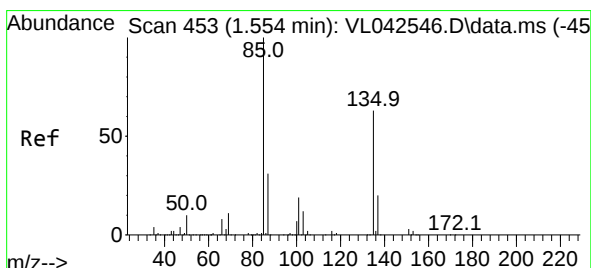
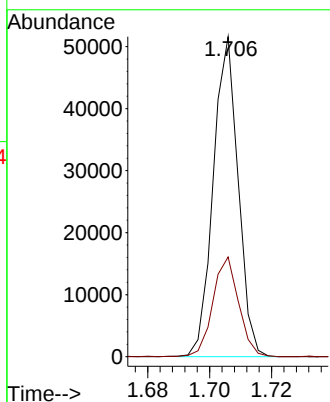
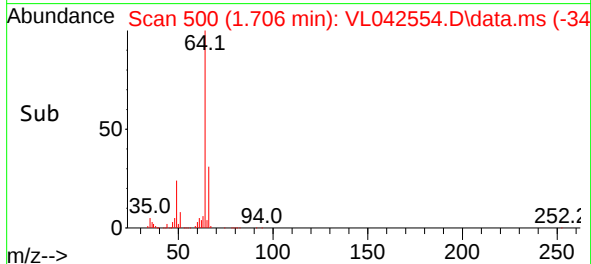
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



Tgt Ion: 64 Resp: 28764
Ion Ratio Lower Upper
64 100
66 31.2 24.4 36.6

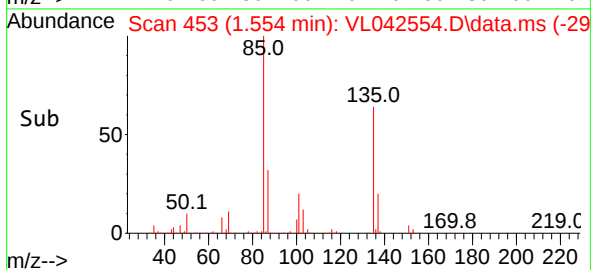
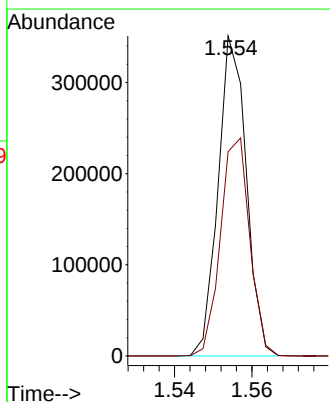
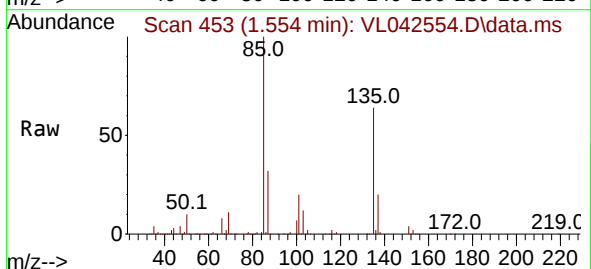
Manual Integrations
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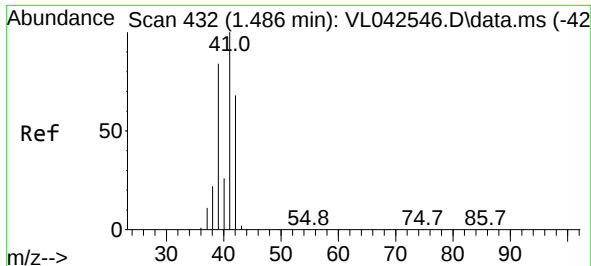
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#8
Dichlorotetrafluoroethane
Concen: 9.461 ppbv
RT: 1.554 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion: 85 Resp: 177488
Ion Ratio Lower Upper
85 100
135 71.0 57.2 85.8





#9

Propene

Concen: 9.342 ppbv

RT: 1.483 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025

Tgt Ion: 41 Resp: 5924

Ion Ratio Lower Upper

41 100

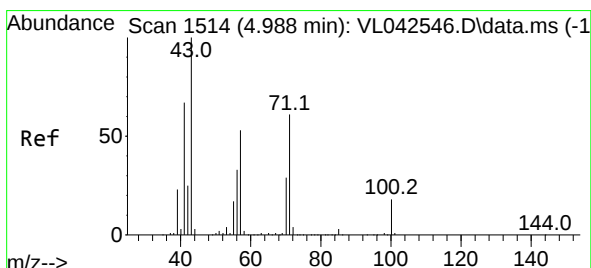
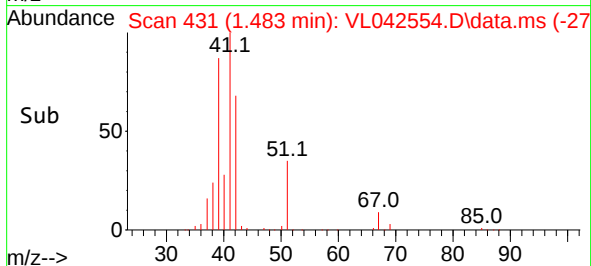
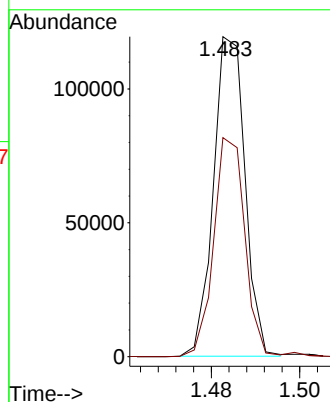
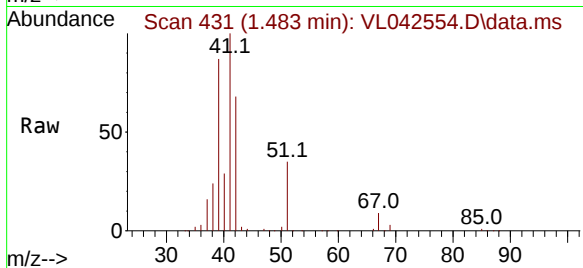
42 68.4 55.0 82.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#10

Heptane

Concen: 10.390 ppbv

RT: 4.985 min Scan# 1513

Delta R.T. -0.003 min

Lab File: VL042554.D

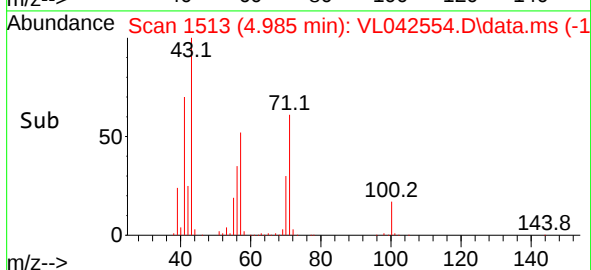
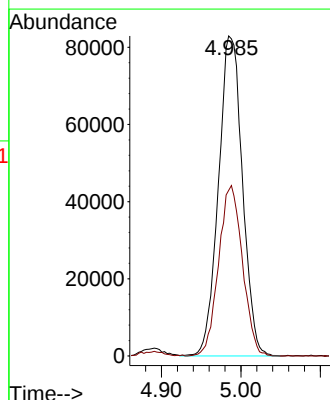
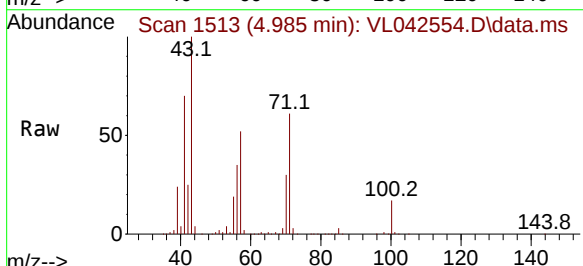
Acq: 20 May 2025 15:25

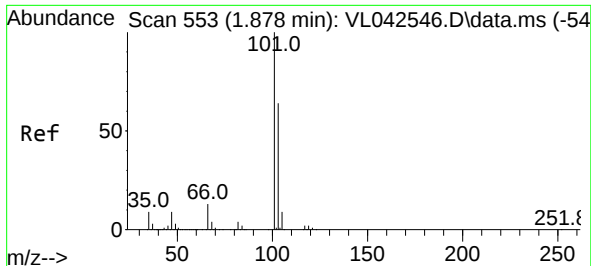
Tgt Ion: 43 Resp: 173619

Ion Ratio Lower Upper

43 100

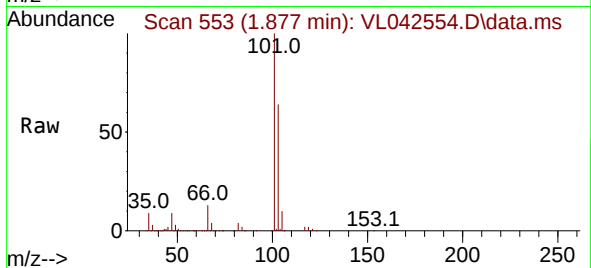
57 53.0 43.4 65.0





#11
Trichlorofluoromethane
Concen: 9.173 ppbv
RT: 1.877 min Scan# 553
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

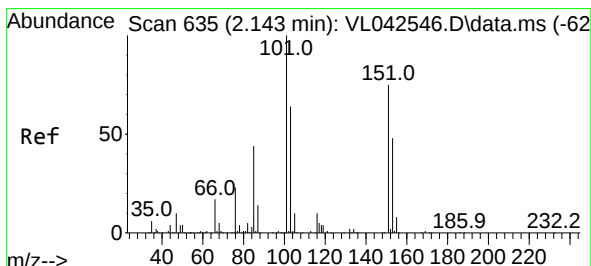
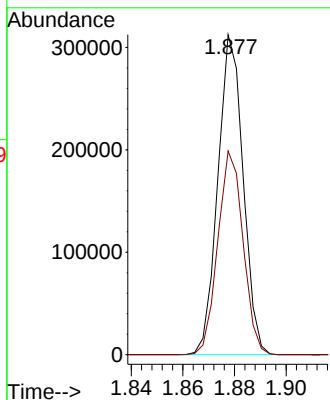
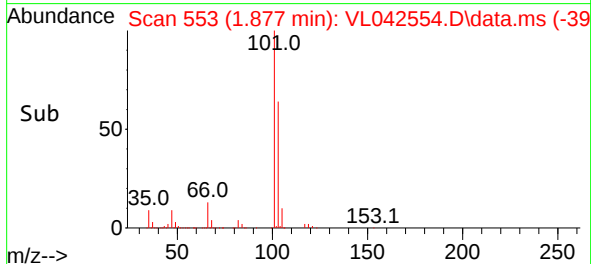
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



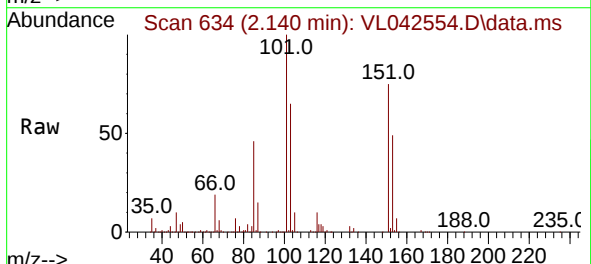
Tgt Ion:101 Resp: 212118
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

Manual Integrations
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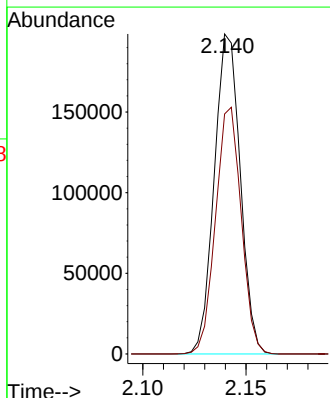
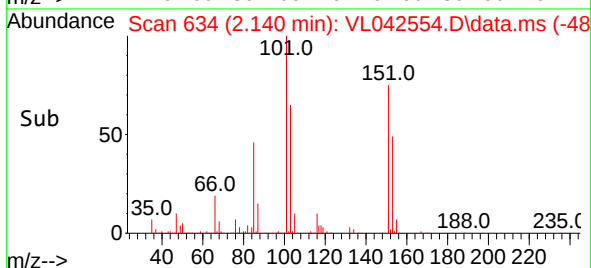
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

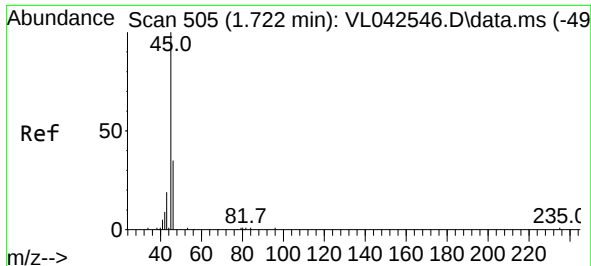


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.321 ppbv
RT: 2.140 min Scan# 634
Delta R.T. -0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



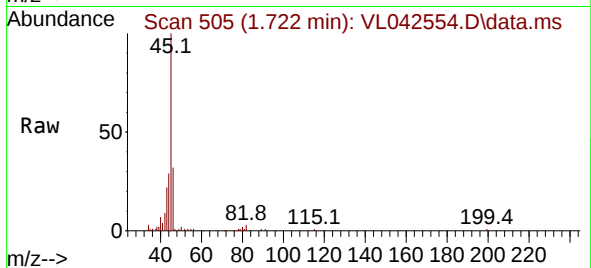
Tgt Ion:101 Resp: 173752
Ion Ratio Lower Upper
101 100
151 76.1 59.5 89.3





#13
Ethanol
Concen: 7.689 ppbv
RT: 1.722 min Scan# 505
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

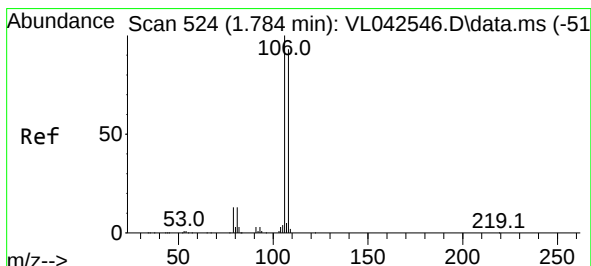
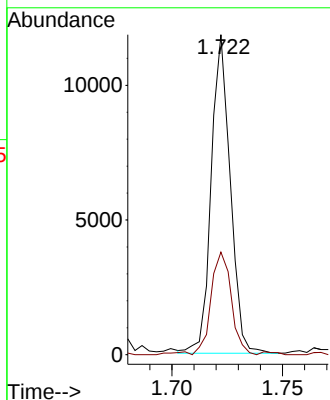
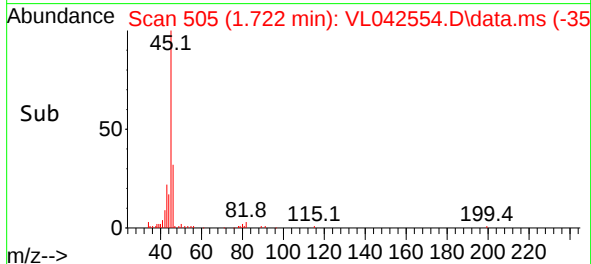
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



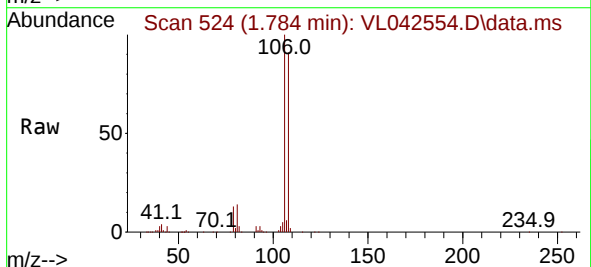
Tgt Ion: 45 Resp: 7069
Ion Ratio Lower Upper
45 100
46 36.0 15.3 61.3

Manual Integrations
APPROVED

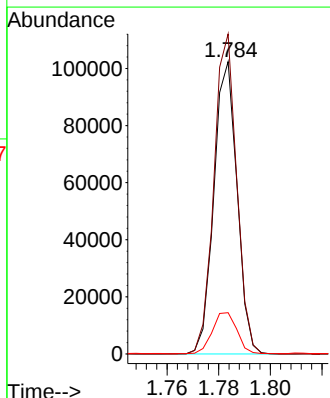
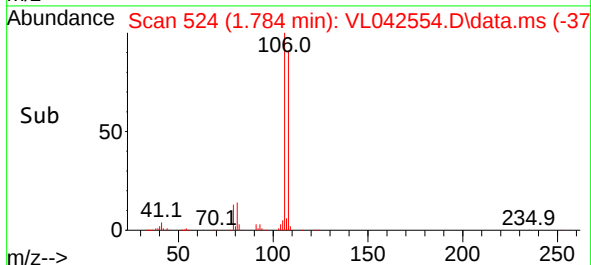
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

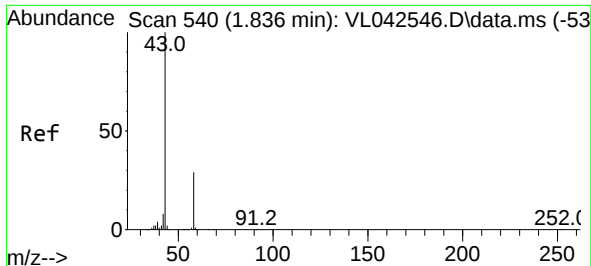


#14
Bromoethene
Concen: 9.051 ppbv
RT: 1.784 min Scan# 524
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



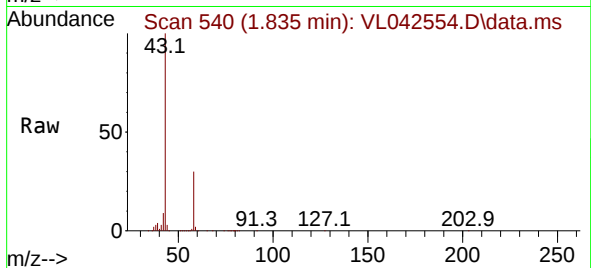
Tgt Ion:108 Resp: 63741
Ion Ratio Lower Upper
108 100
106 107.3 86.4 129.6
79 15.7 11.9 17.9





#15
Acetone
Concen: 7.605 ppbv
RT: 1.835 min Scan# 540
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

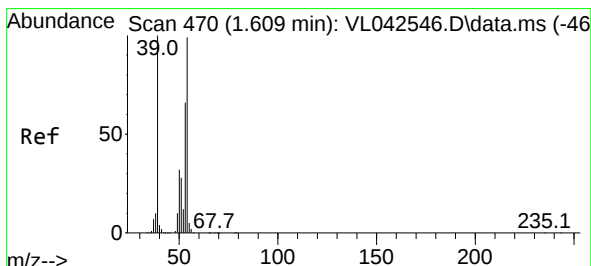
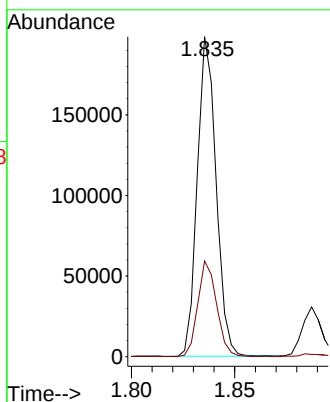
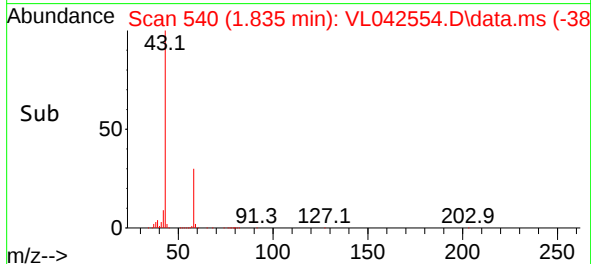
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



Tgt Ion: 43 Resp: 125500
Ion Ratio Lower Upper
43 100
58 30.2 24.2 36.2

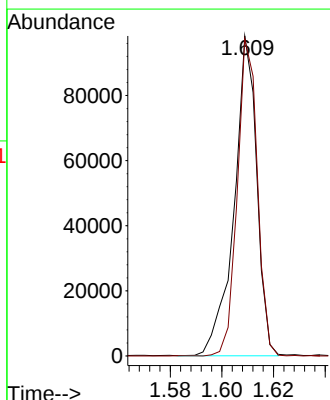
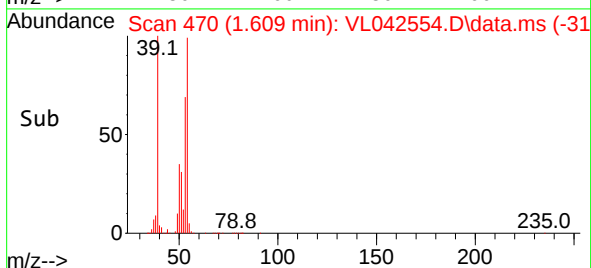
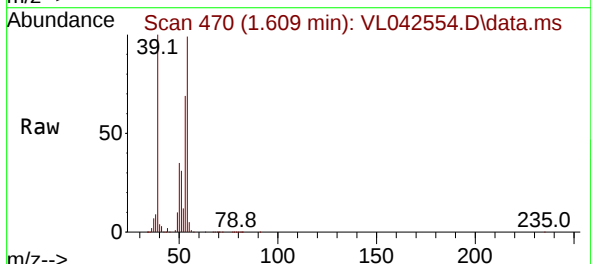
Manual Integrations
APPROVED

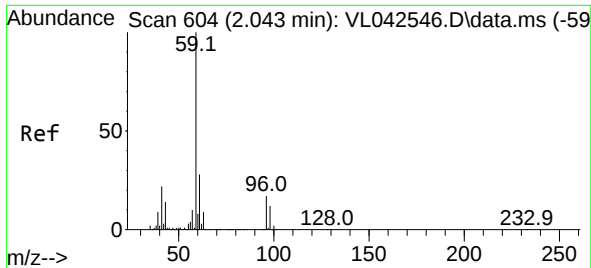
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#16
1,3-Butadiene
Concen: 8.956 ppbv
RT: 1.609 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

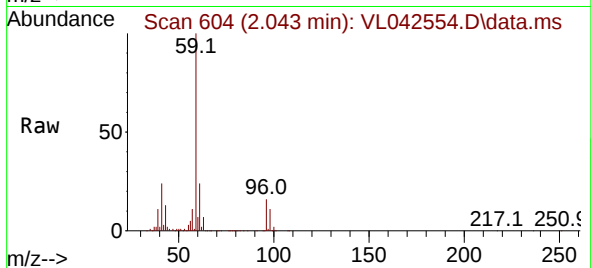
Tgt Ion: 39 Resp: 60004
Ion Ratio Lower Upper
39 100
54 87.8 71.8 107.8





#17
tert-Butyl alcohol
Concen: 9.189 ppbv
RT: 2.043 min Scan# 604
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

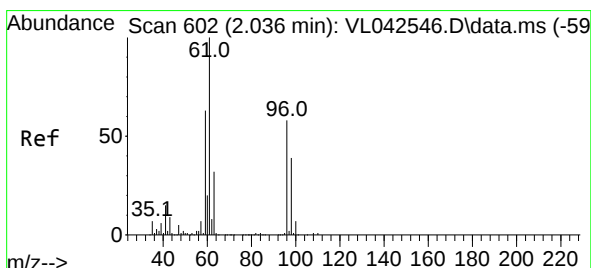
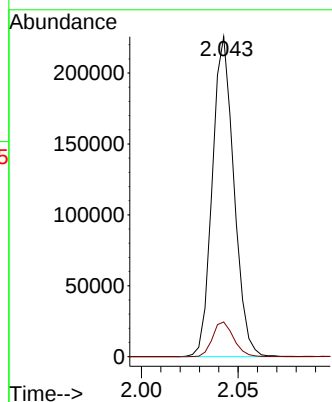
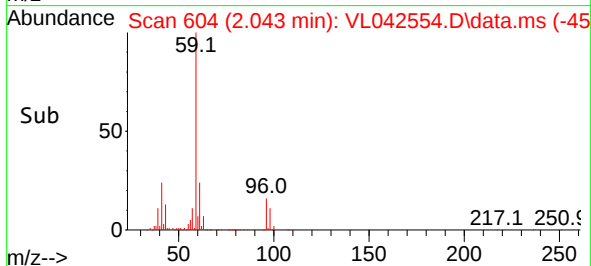
Instrument : MSVOA_1
ClientSampleId : ICVVL052025



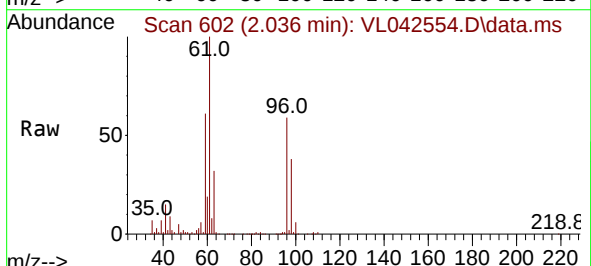
Tgt Ion: 59 Resp: 17525
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2

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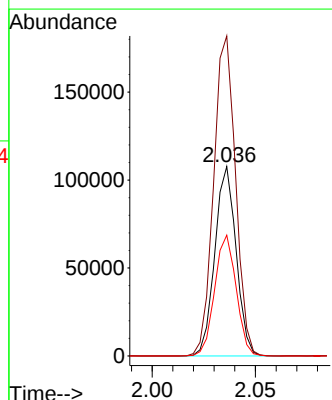
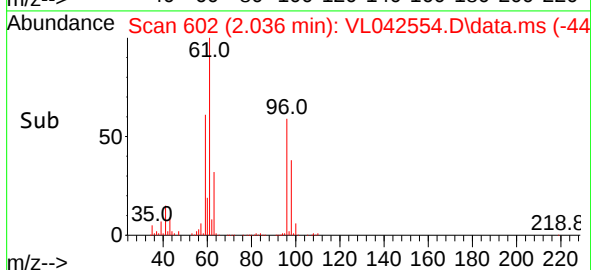
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

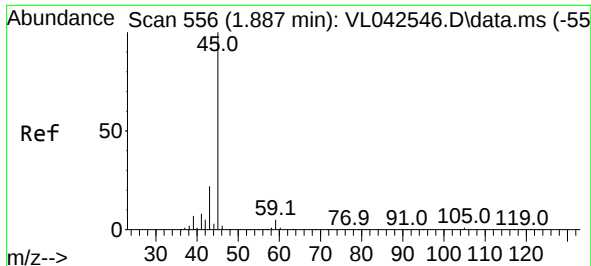


#18
1,1-Dichloroethene
Concen: 9.156 ppbv
RT: 2.036 min Scan# 602
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



Tgt Ion: 96 Resp: 77131
Ion Ratio Lower Upper
96 100
61 168.9 137.5 206.3
98 63.7 53.2 79.8





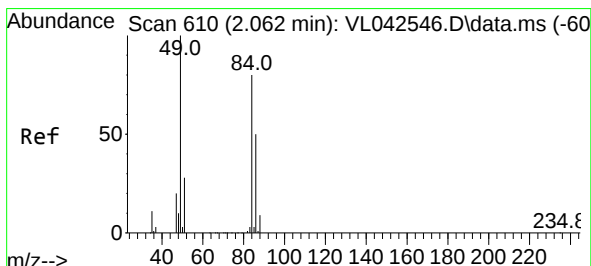
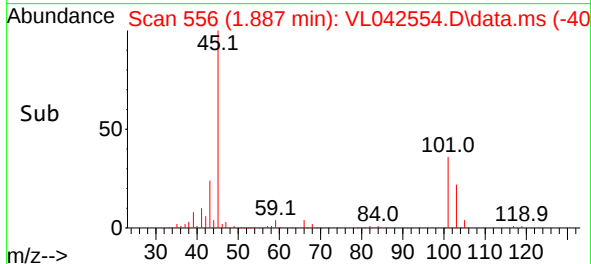
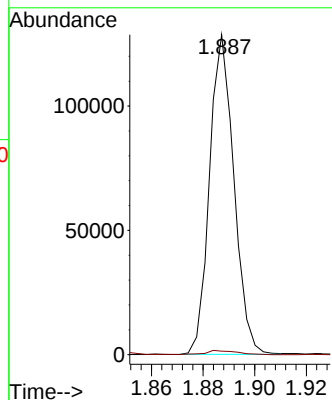
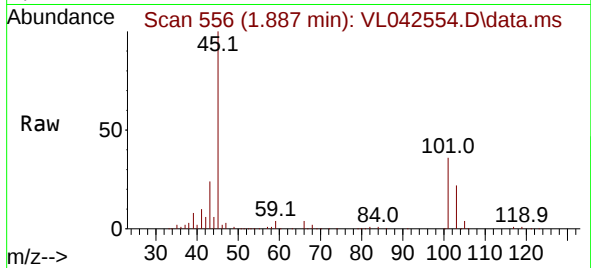
#19
Isopropyl Alcohol
Concen: 8.957 ppbv
RT: 1.887 min Scan# 556
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion: 45 Resp: 84059
Ion Ratio Lower Upper
45 100
58 45.0 35.3 52.9

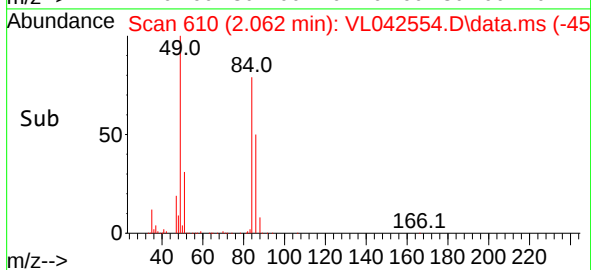
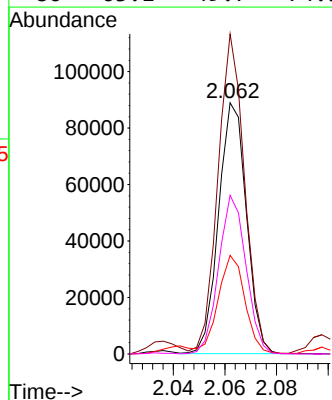
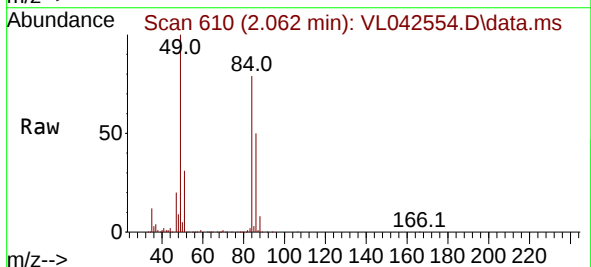
Manual Integrations
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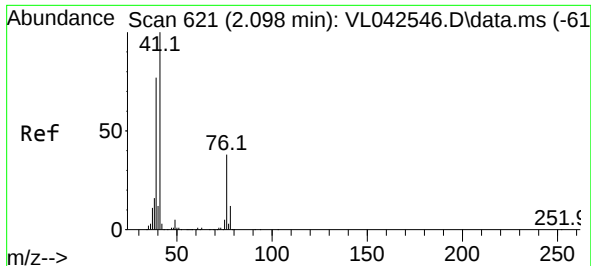
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#20
Methylene Chloride
Concen: 8.327 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

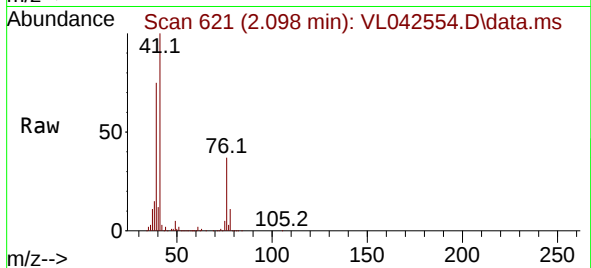
Tgt Ion: 84 Resp: 66538
Ion Ratio Lower Upper
84 100
49 127.3 99.7 149.5
51 39.0 29.7 44.5
86 63.1 49.7 74.5





#21
 Allyl Chloride
 Concen: 9.541 ppbv
 RT: 2.098 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

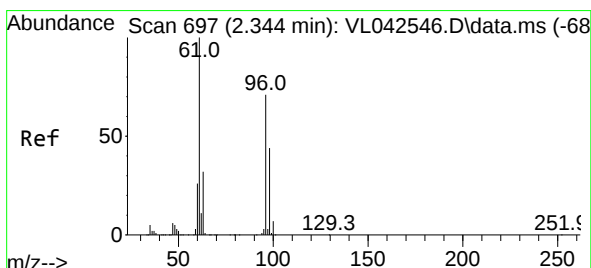
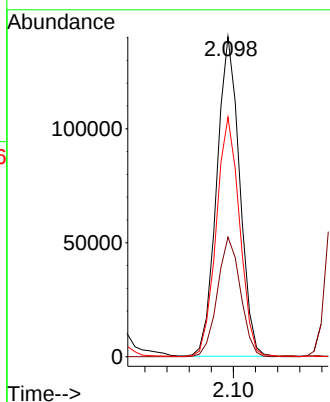
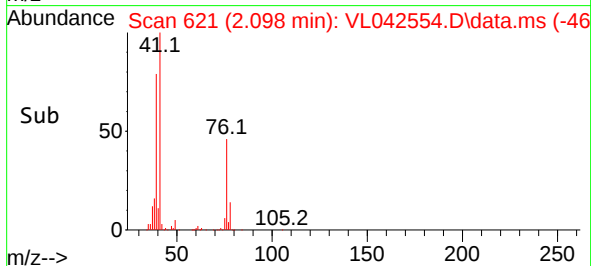
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL052025



Tgt Ion: 41 Resp: 10086
 Ion Ratio Lower Upper
 41 100
 76 37.5 30.2 45.4
 39 76.8 62.5 93.7

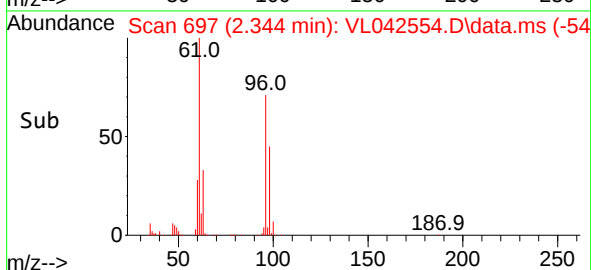
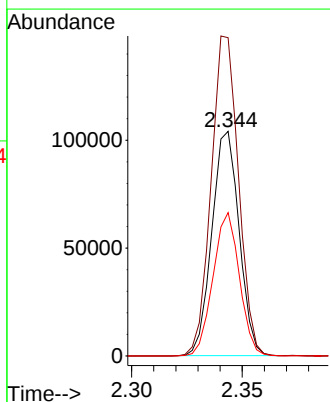
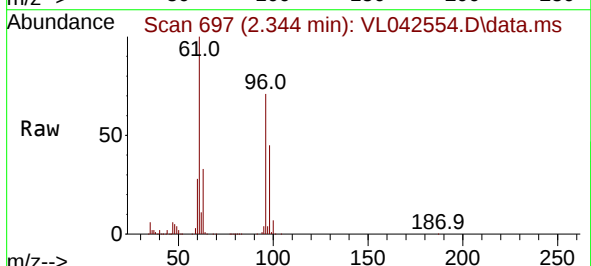
Manual Integrations
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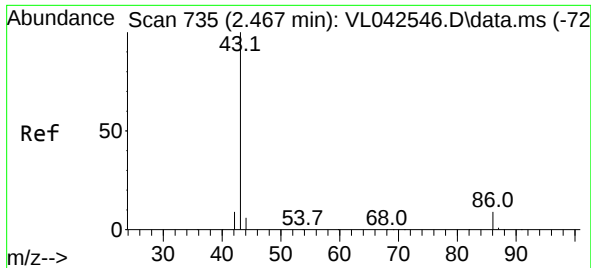
Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#22
 trans-1,2-Dichloroethene
 Concen: 9.519 ppbv
 RT: 2.344 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

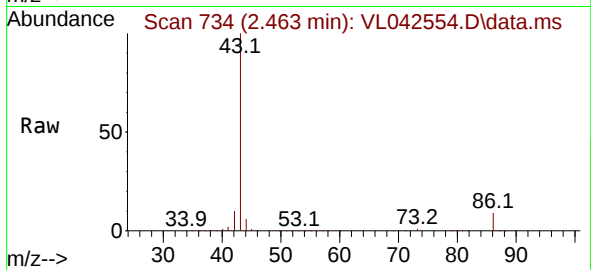
Tgt Ion: 96 Resp: 88976
 Ion Ratio Lower Upper
 96 100
 61 141.8 112.5 168.7
 98 63.8 49.0 73.4





#23
 Vinyl Acetate
 Concen: 9.710 ppbv
 RT: 2.463 min Scan# 718
 Delta R.T. -0.003 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

Instrument : MSVOA_L
 ClientSampleId : ICVVL052025

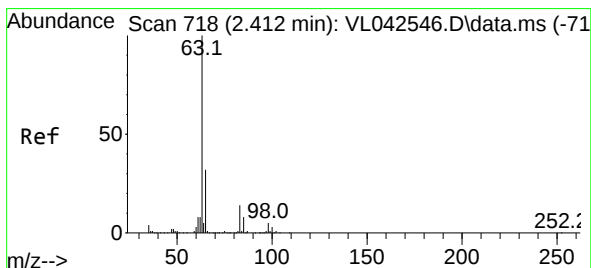
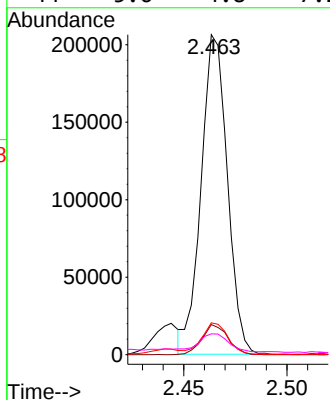
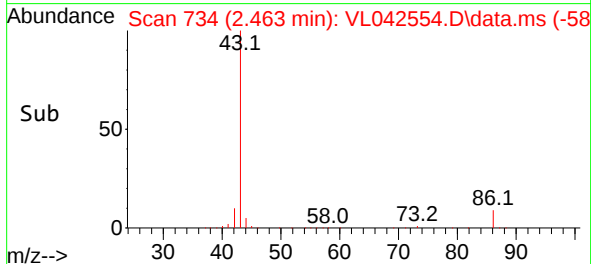


Tgt Ion: 43 Resp: 18234

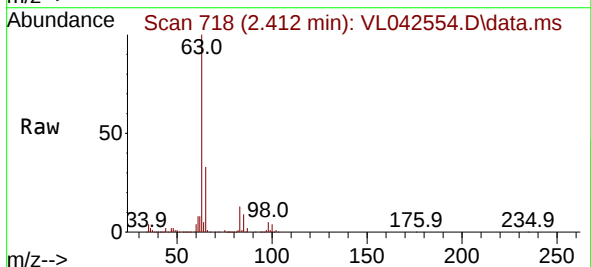
Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.0	10.6
42	9.9	7.4	11.2
44	5.6	4.8	7.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

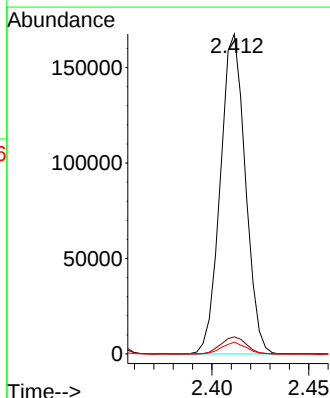
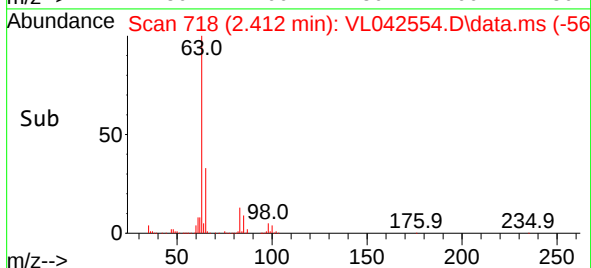


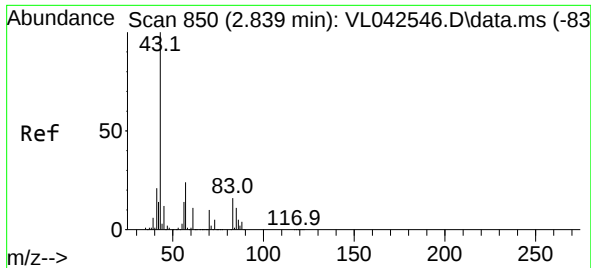
#24
 1,1-Dichloroethane
 Concen: 9.385 ppbv
 RT: 2.412 min Scan# 718
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25



Tgt Ion: 63 Resp: 150422

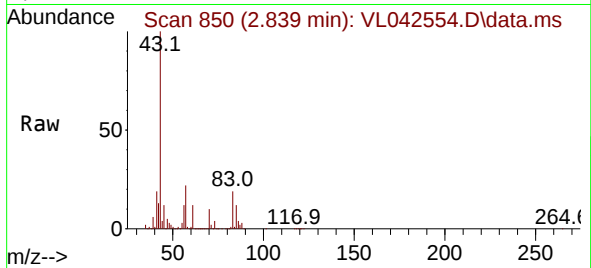
Ion	Ratio	Lower	Upper
63	100		
98	5.4	2.6	7.8
100	3.7	1.8	5.3





#25
Ethyl Acetate
Concen: 9.890 ppbv
RT: 2.839 min Scan# 850
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

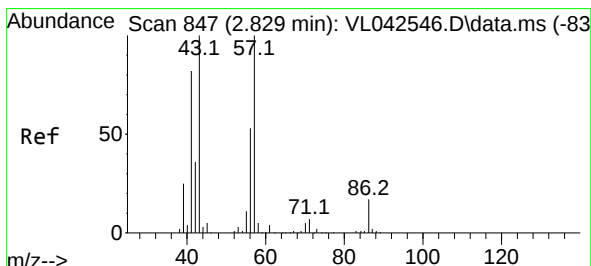
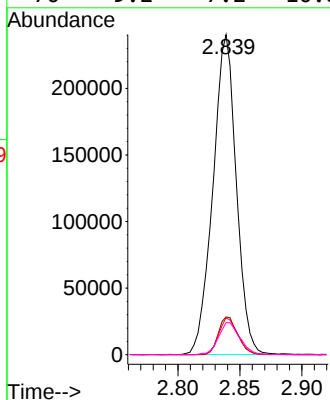
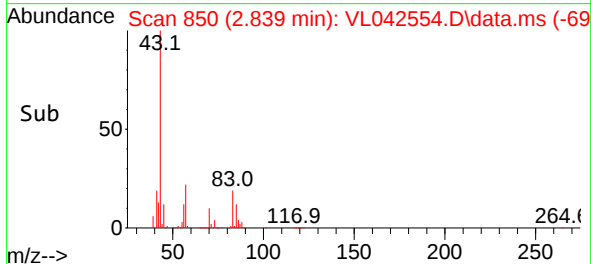
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.0	12.0
61	9.5	7.5	11.3
70	9.2	7.2	10.8

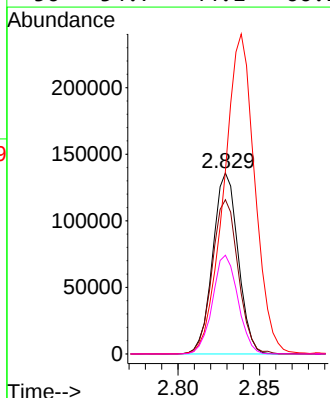
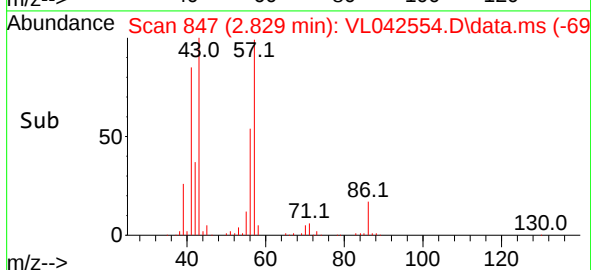
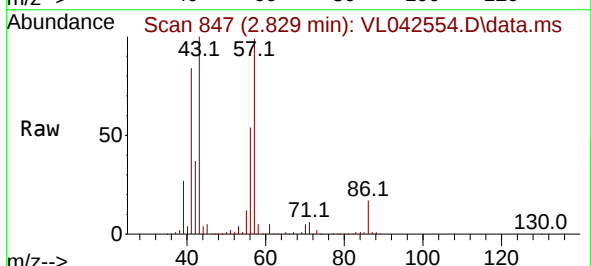
Manual Integrations
APPROVED

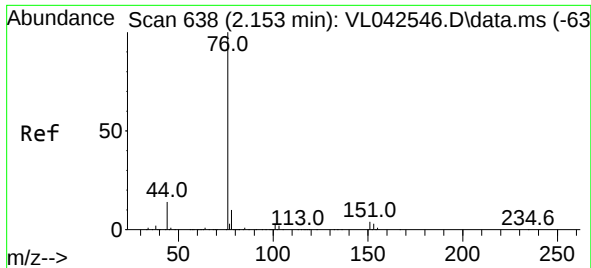
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#26
Hexane
Concen: 10.163 ppbv
RT: 2.829 min Scan# 847
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

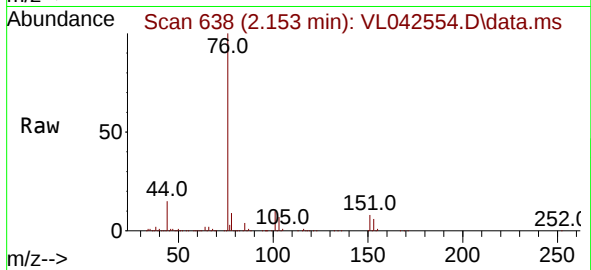
Tgt Ion	Ratio	Lower	Upper
57	100		
41	88.0	69.0	103.4
43	215.9	174.2	261.2
56	54.7	44.1	66.1





#27
Carbon Disulfide
Concen: 9.662 ppbv
RT: 2.153 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

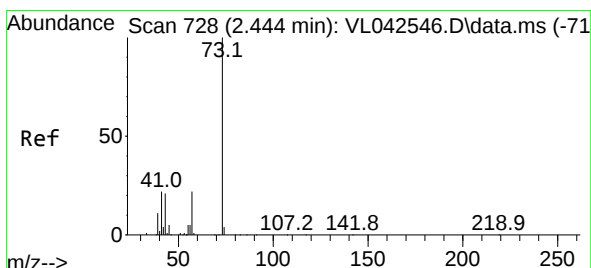
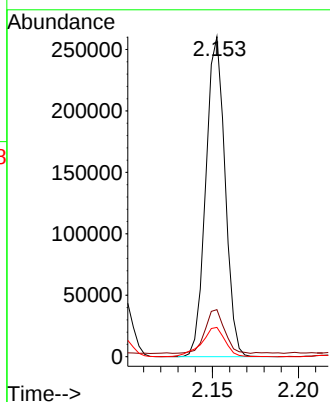
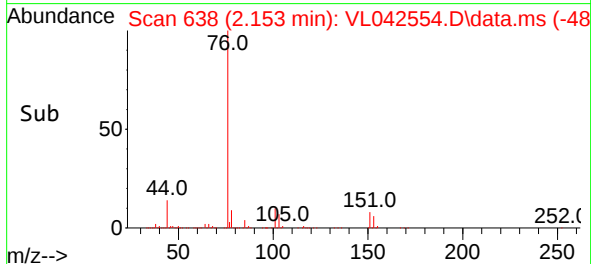
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



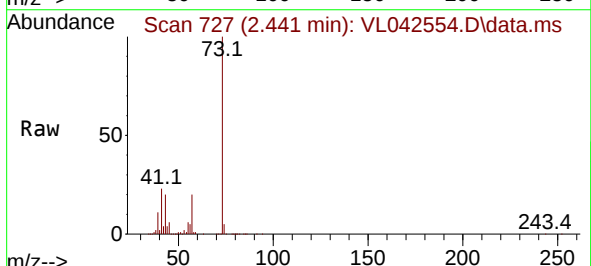
Tgt Ion: 76 Resp: 20187
Ion Ratio Lower Upper
76 100
44 13.9 14.0 21.0
78 11.3 9.4 14.0

Manual Integrations
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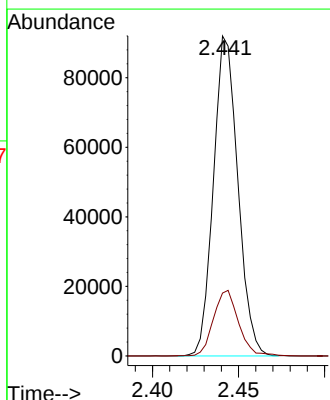
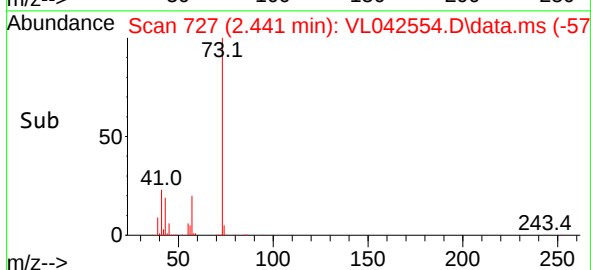
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

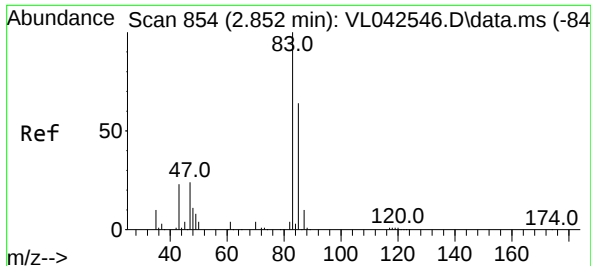


#28
Methyl tert-Butyl Ether
Concen: 9.347 ppbv
RT: 2.441 min Scan# 727
Delta R.T. -0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



Tgt Ion: 73 Resp: 90847
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8





#29

Chloroform

Concen: 9.471 ppbv

RT: 2.852 min Scan# 854

Delta R.T. -0.000 min

Lab File: VL042554.D

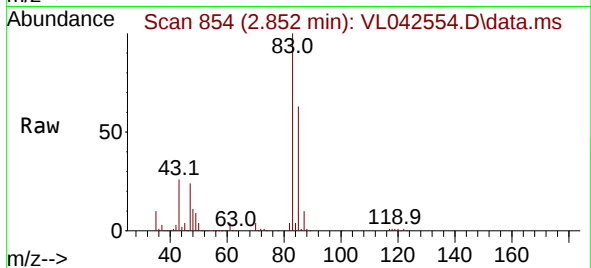
Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025



Tgt Ion: 83 Resp: 258358

Ion Ratio Lower Upper

83 100

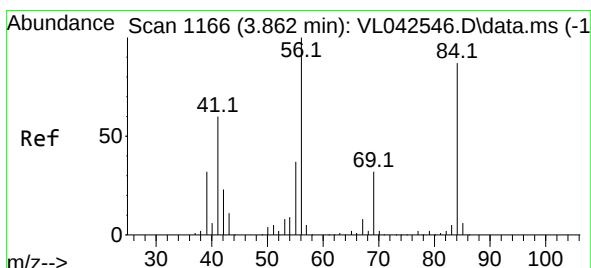
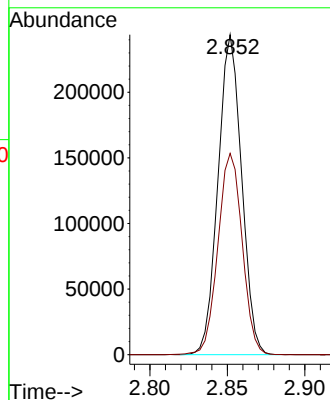
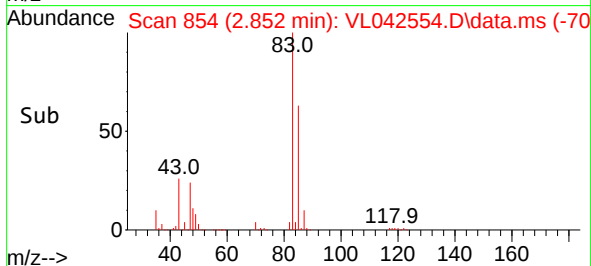
85 62.8 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#30

Cyclohexane

Concen: 10.380 ppbv

RT: 3.862 min Scan# 1166

Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

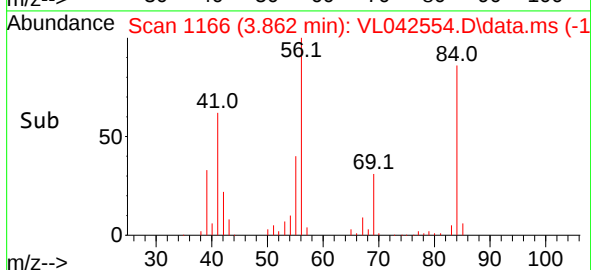
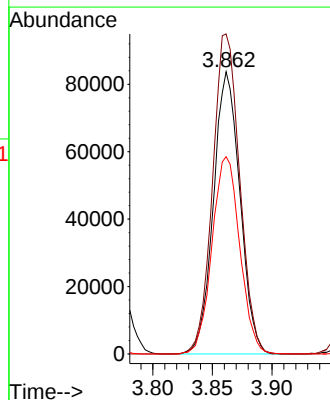
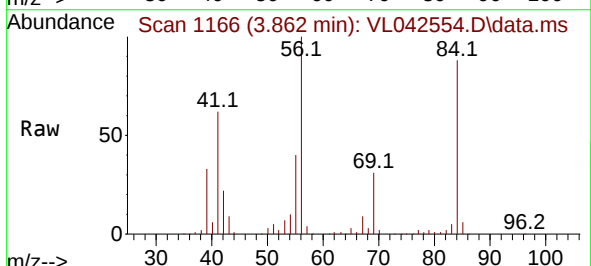
Tgt Ion: 84 Resp: 129538

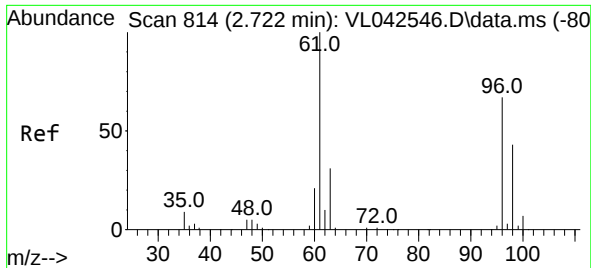
Ion Ratio Lower Upper

84 100

56 115.6 92.3 138.5

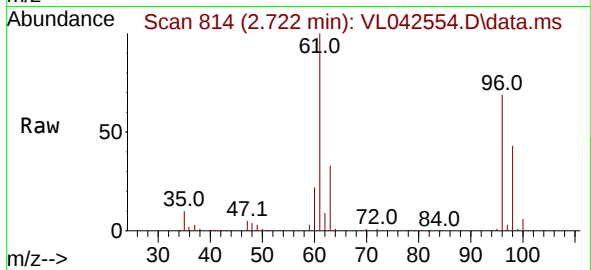
41 73.1 57.0 85.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.594 ppbv
 RT: 2.722 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

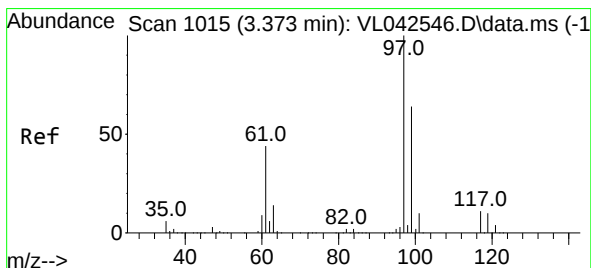
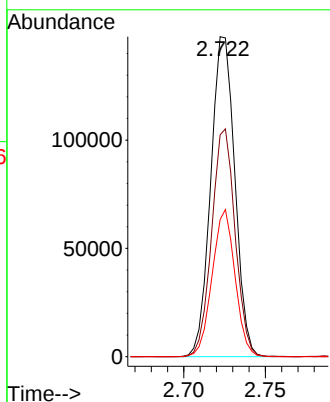
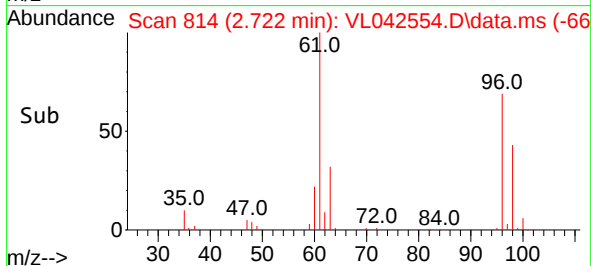
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL052025



Tgt Ion: 61 Resp: 152162
 Ion Ratio Lower Upper
 61 100
 96 69.3 53.8 80.8
 98 42.9 34.5 51.7

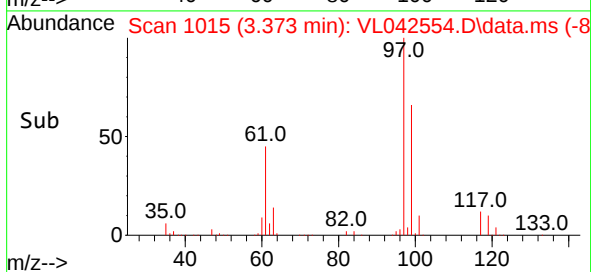
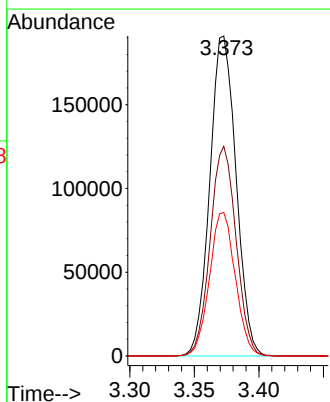
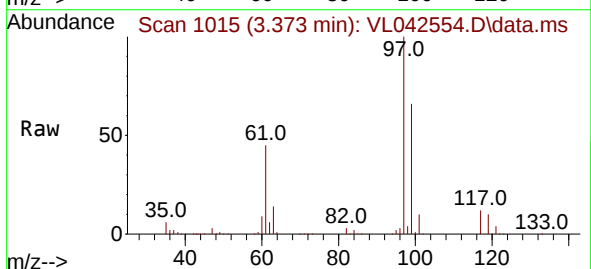
Manual Integrations
 APPROVED

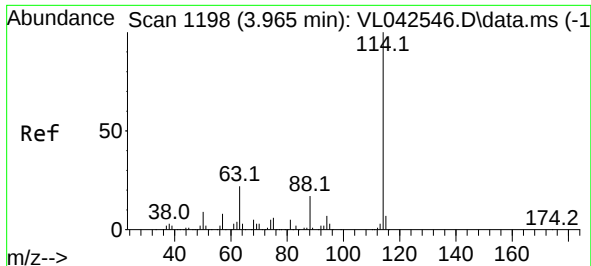
Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#32
 1,1,1-Trichloroethane
 Concen: 9.694 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

Tgt Ion: 97 Resp: 270244
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 44.1 35.7 53.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.000 min

Lab File: VL042554.D

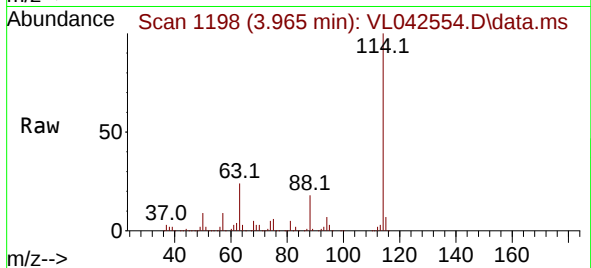
Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025



Tgt Ion:114 Resp: 39096

Ion Ratio Lower Upper

114 100

63 23.6 18.4 27.6

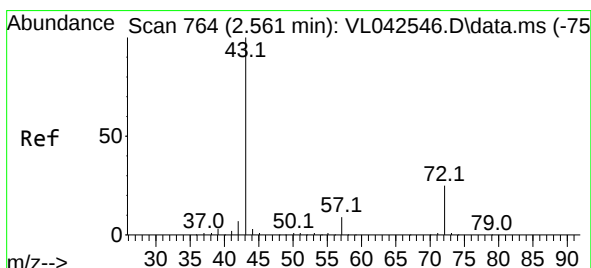
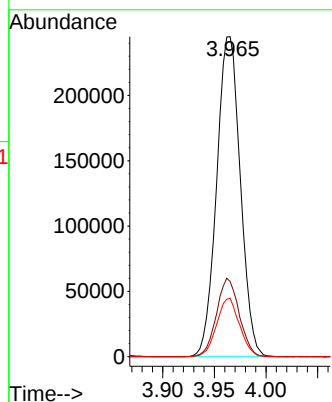
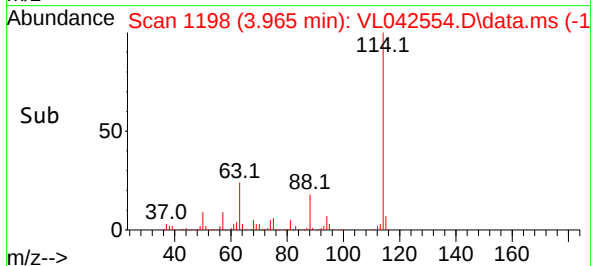
88 17.6 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#34

2-Butanone

Concen: 9.652 ppbv

RT: 2.560 min Scan# 764

Delta R.T. -0.000 min

Lab File: VL042554.D

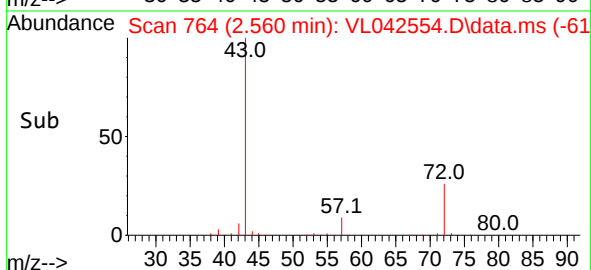
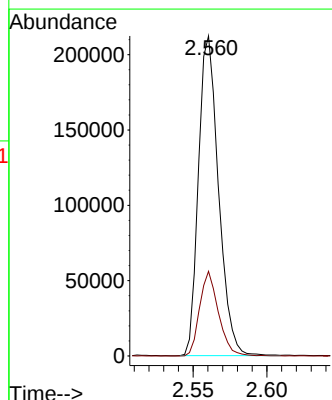
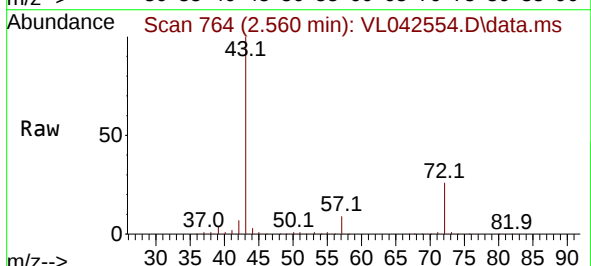
Acq: 20 May 2025 15:25

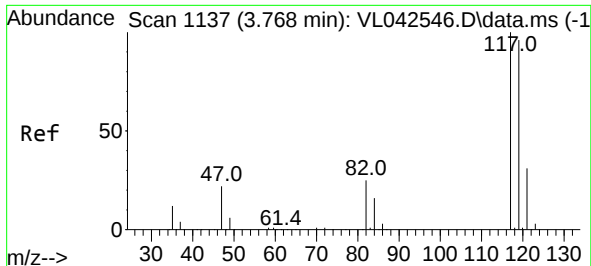
Tgt Ion: 43 Resp: 200309

Ion Ratio Lower Upper

43 100

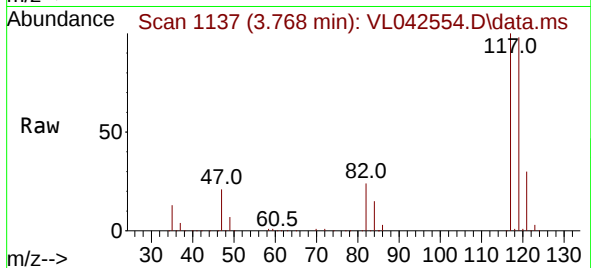
72 24.9 20.5 30.7





#35
Carbon Tetrachloride
Concen: 9.711 ppbv
RT: 3.768 min Scan# 1137
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

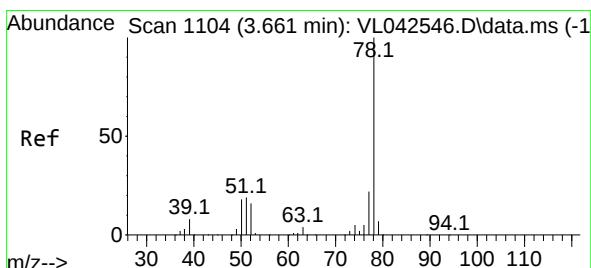
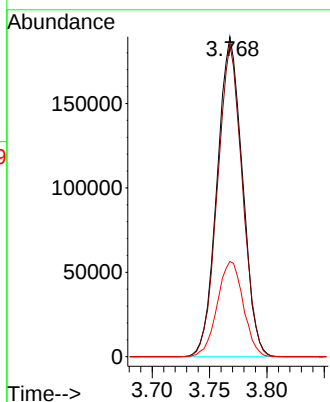
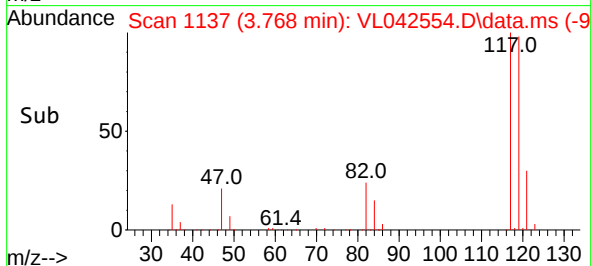
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



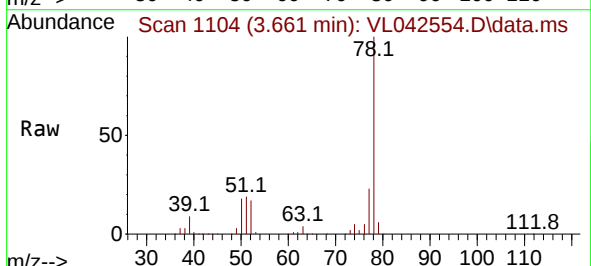
Tgt Ion: 117 Resp: 290300
Ion Ratio Lower Upper
117 100
119 97.8 76.6 114.8
121 29.8 24.7 37.1

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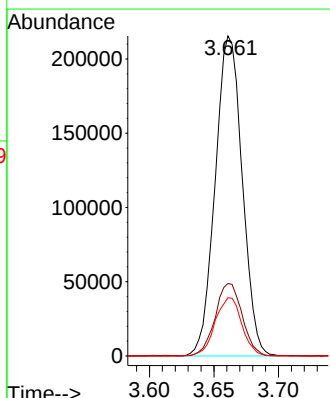
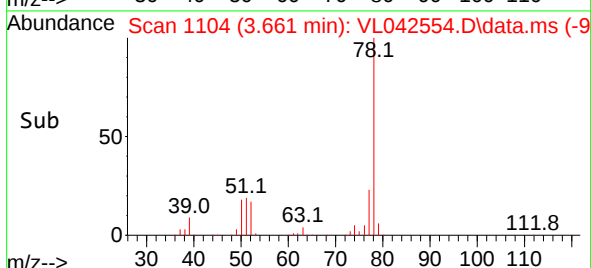
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

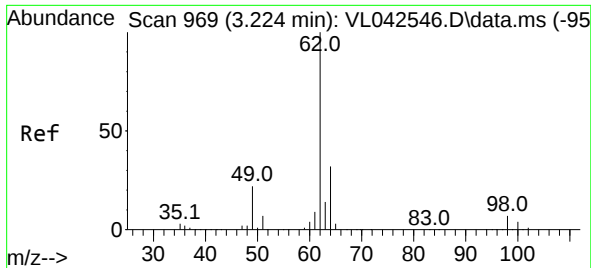


#36
Benzene
Concen: 9.900 ppbv
RT: 3.661 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



Tgt Ion: 78 Resp: 313239
Ion Ratio Lower Upper
78 100
77 22.6 17.8 26.6
50 18.2 14.0 21.0





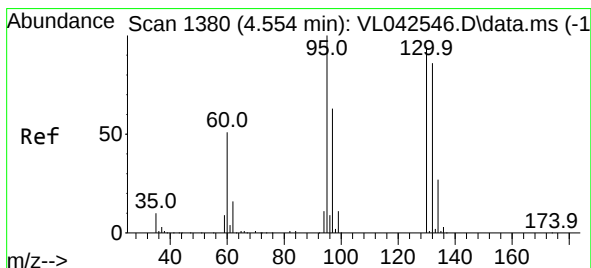
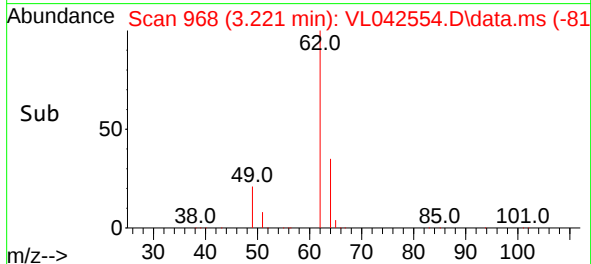
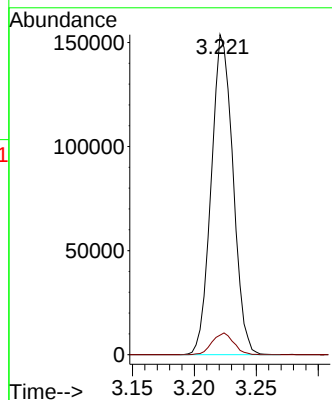
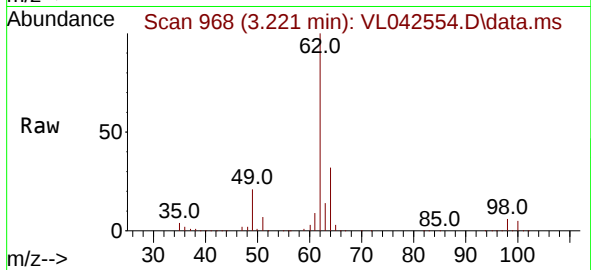
#37
1,2-Dichloroethane
Concen: 9.734 ppbv
RT: 3.221 min Scan# 968
Delta R.T. -0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025

Tgt Ion: 62 Resp: 188170
Ion Ratio Lower Upper
62 100
98 6.7 5.5 8.3

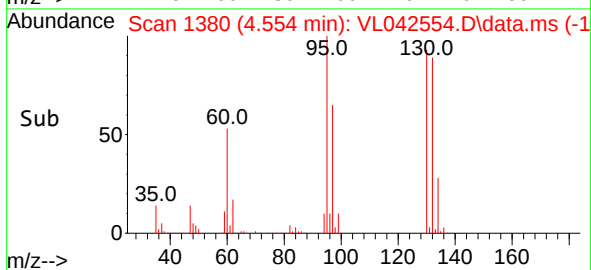
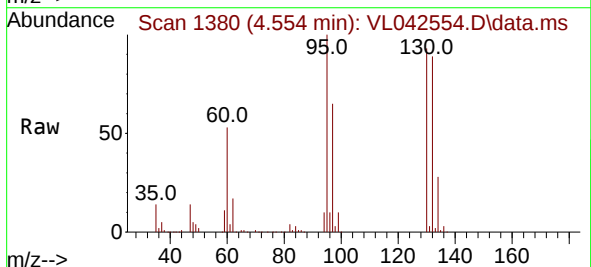
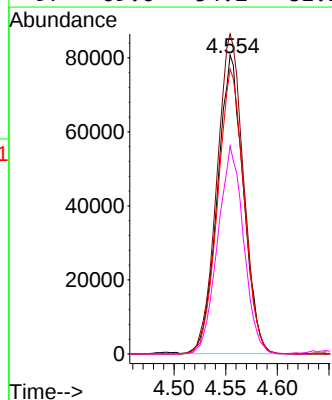
Manual Integrations
APPROVED

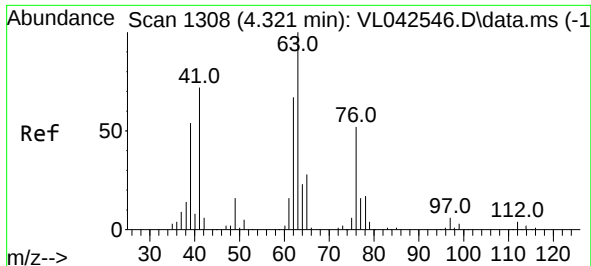
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#38
Trichloroethene
Concen: 9.739 ppbv
RT: 4.554 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion:130 Resp: 140627
Ion Ratio Lower Upper
130 100
95 107.2 85.2 127.8
132 95.5 73.4 110.2
97 69.6 54.2 81.2





#39

1,2-Dichloropropane

Concen: 9.811 ppbv

RT: 4.321 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025

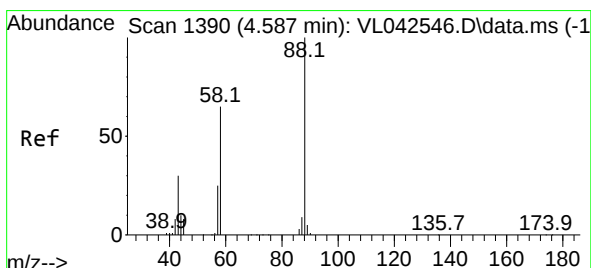
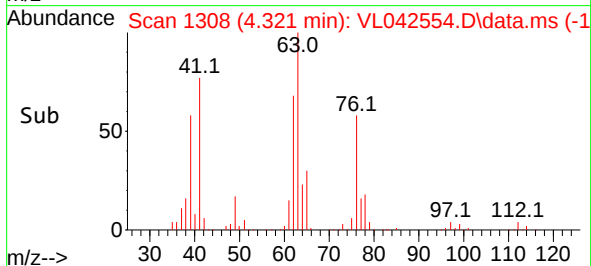
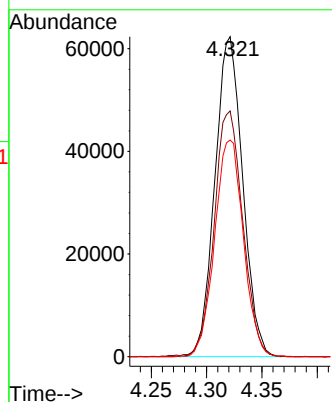
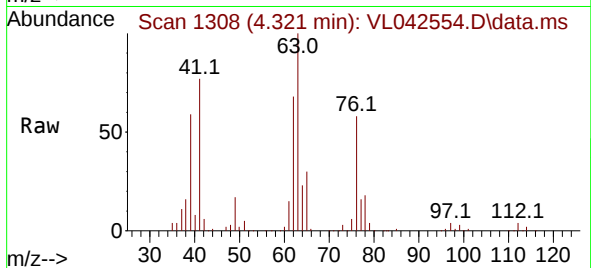
Tgt Ion: 63 Resp: 108940

Ion	Ratio	Lower	Upper
63	100		
41	76.6	58.0	87.0
62	67.5	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#40

1,4-Dioxane

Concen: 10.427 ppbv

RT: 4.590 min Scan# 1391

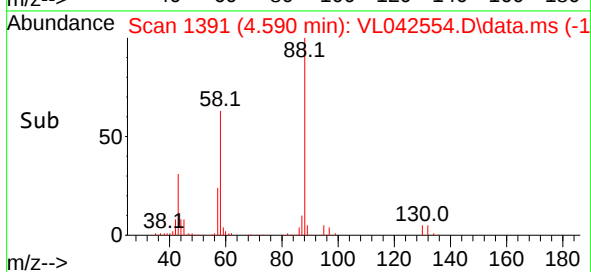
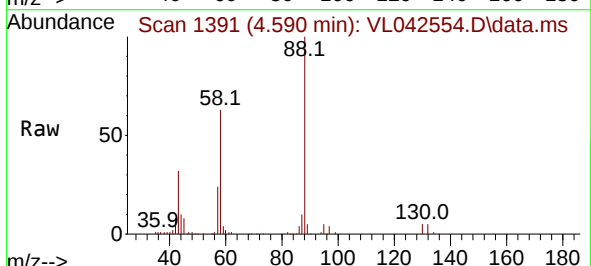
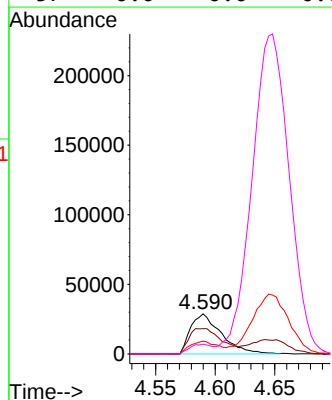
Delta R.T. 0.003 min

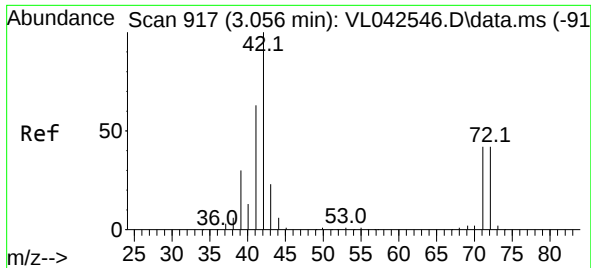
Lab File: VL042554.D

Acq: 20 May 2025 15:25

Tgt Ion: 88 Resp: 51792

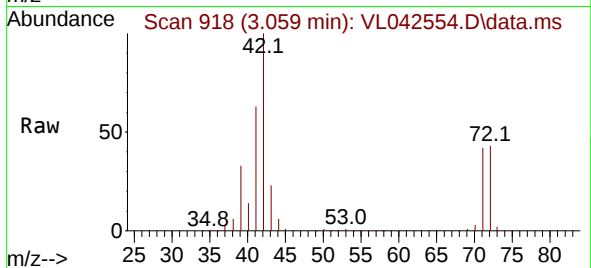
Ion	Ratio	Lower	Upper
88	100		
58	69.5	52.8	79.2
43	31.9	23.0	34.4
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 10.718 ppbv
RT: 3.059 min Scan# 917
Delta R.T. 0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

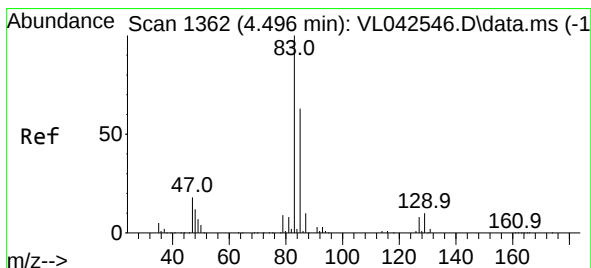
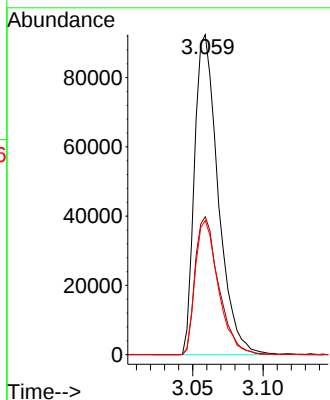
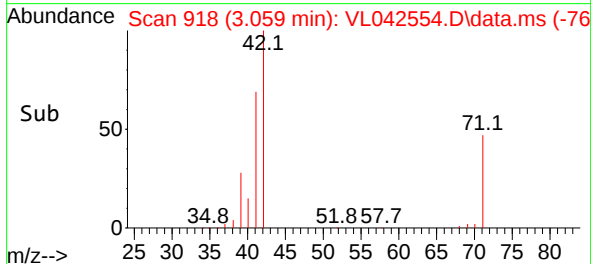
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



Tgt Ion: 42 Resp: 108440
Ion Ratio Lower Upper
42 100
72 42.7 34.8 52.2
71 41.1 33.6 50.4

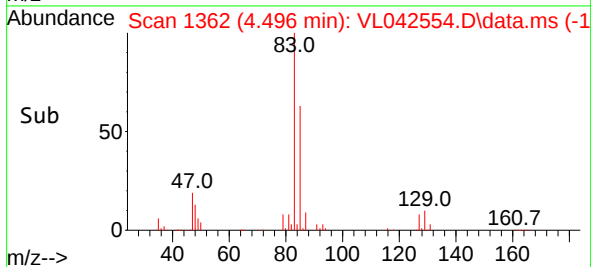
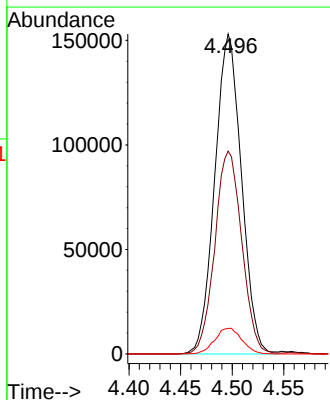
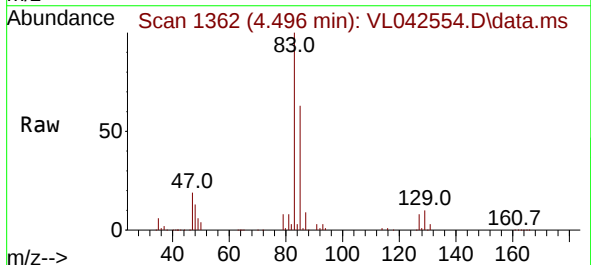
Manual Integrations
APPROVED

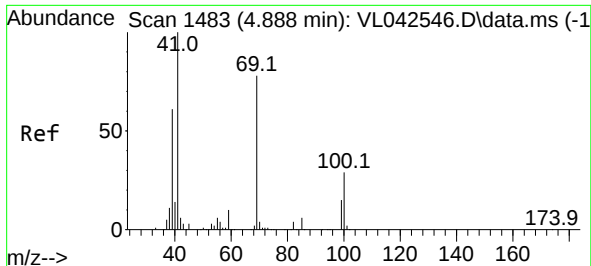
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#42
Bromodichloromethane
Concen: 10.090 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion: 83 Resp: 274837
Ion Ratio Lower Upper
83 100
85 63.4 50.4 75.6
127 8.0 6.5 9.7





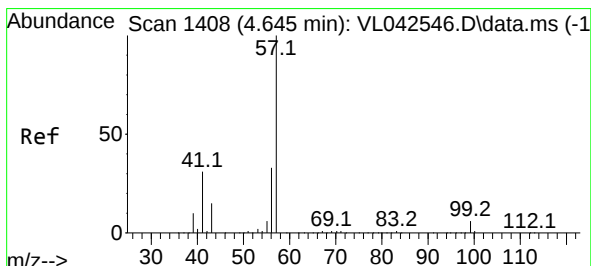
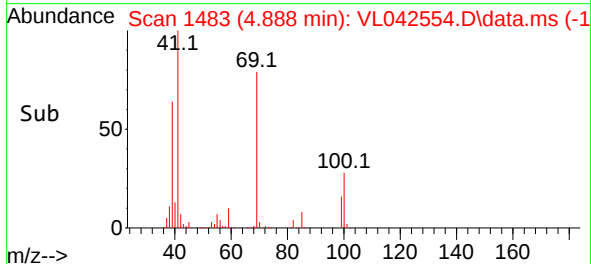
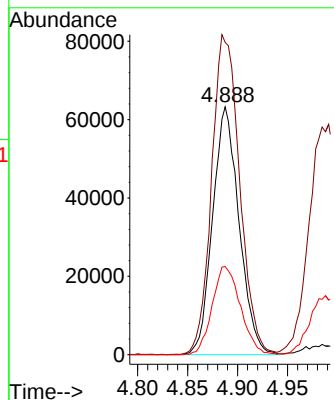
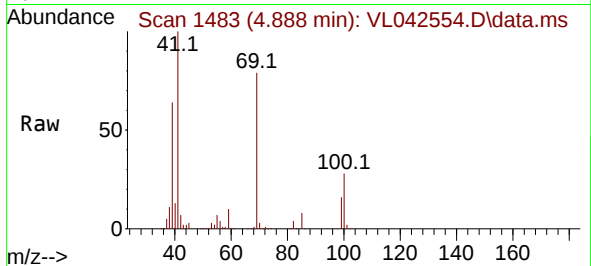
#43
Methyl Methacrylate
Concen: 10.847 ppbv
RT: 4.888 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion: 69 Resp: 11645
Ion Ratio Lower Upper
69 100
41 136.6 107.8 161.8
100 38.1 30.3 45.5

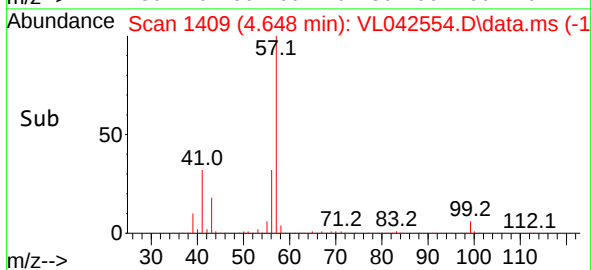
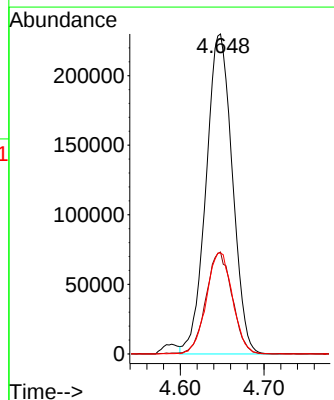
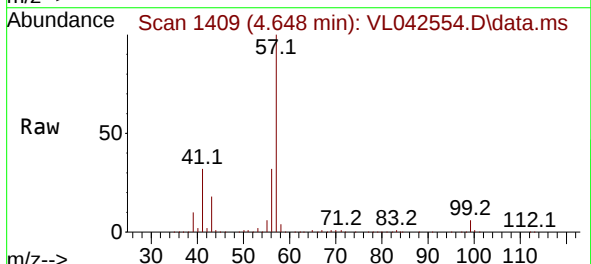
Manual Integrations
APPROVED

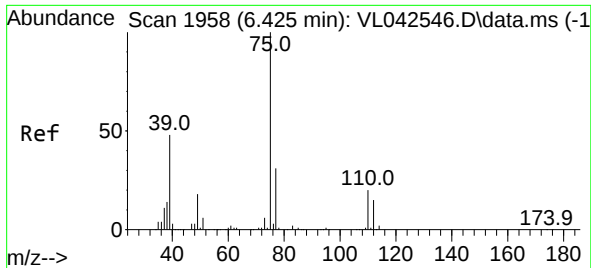
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#44
2,2,4-Trimethylpentane
Concen: 10.336 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

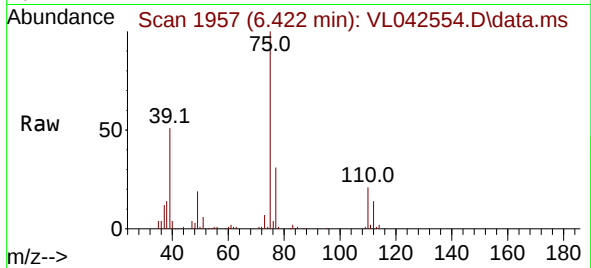
Tgt Ion: 57 Resp: 501579
Ion Ratio Lower Upper
57 100
41 32.0 25.0 37.4
56 31.6 25.1 37.7





#45
 t-1,3-Dichloropropene
 Concen: 10.744 ppbv
 RT: 6.422 min Scan# 1958
 Delta R.T. -0.003 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

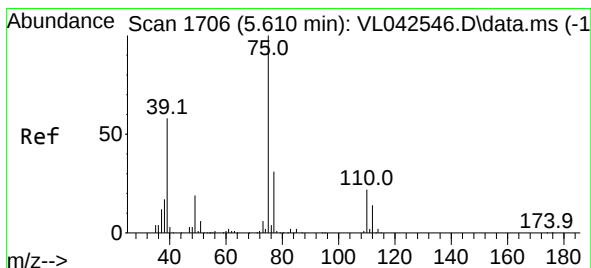
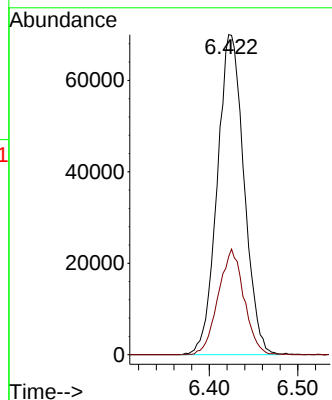
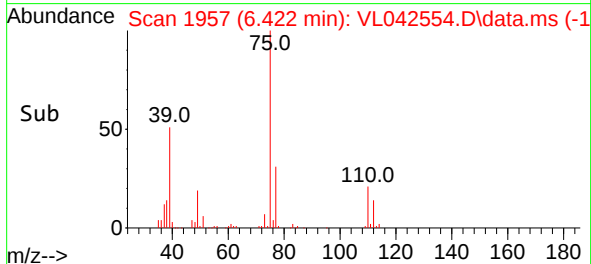
Instrument : MSVOA_L
 ClientSampleId : ICVVL052025



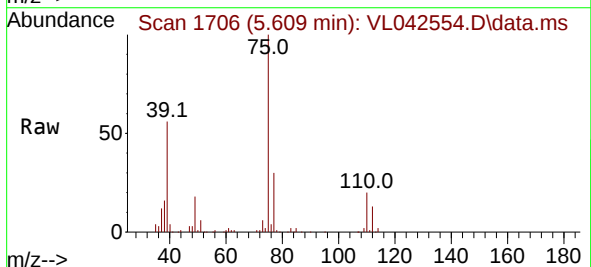
Tgt Ion: 75 Resp: 147149
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 37.0

Manual Integrations
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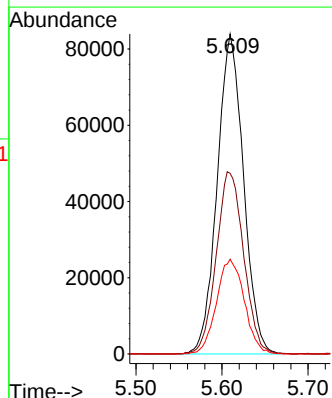
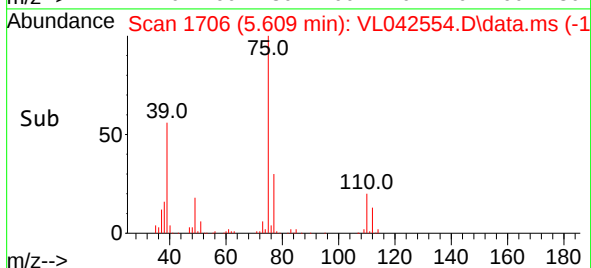
Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

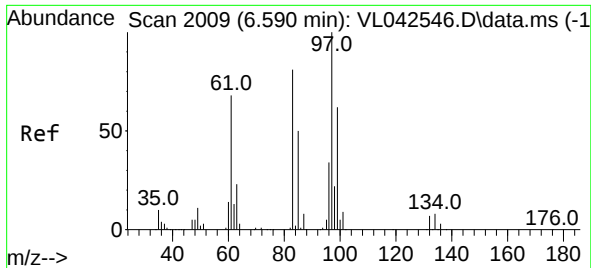


#46
 cis-1,3-Dichloropropene
 Concen: 10.707 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25



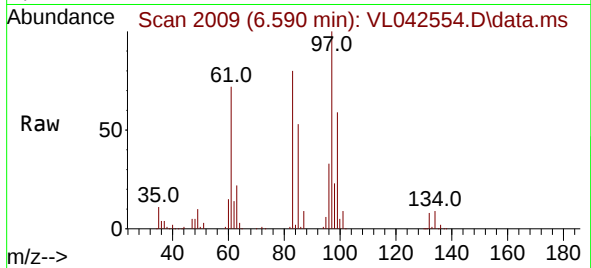
Tgt Ion: 75 Resp: 178337
 Ion Ratio Lower Upper
 75 100
 39 56.4 46.3 69.5
 77 29.6 25.0 37.6





#47
1,1,2-Trichloroethane
Concen: 9.877 ppbv
RT: 6.590 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

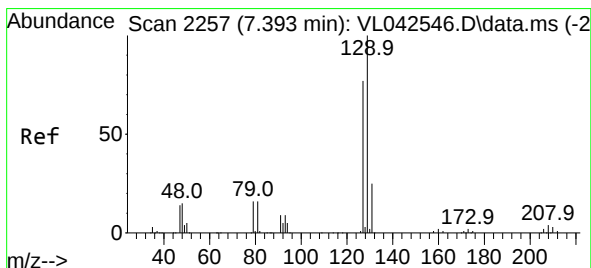
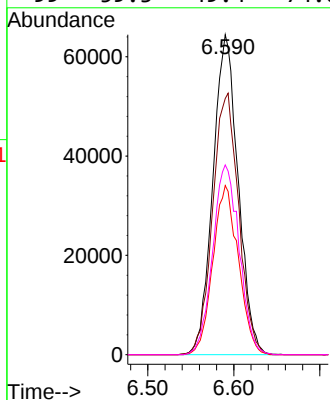
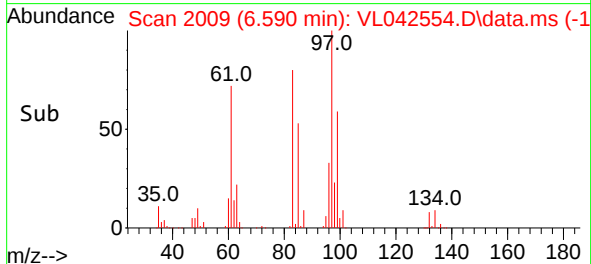
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



Tgt Ion:	97	Resp:	131390
Ion Ratio	100	Lower	Upper
97	100		
83	80.1	65.0	97.4
85	52.8	39.9	59.9
99	59.3	49.4	74.0

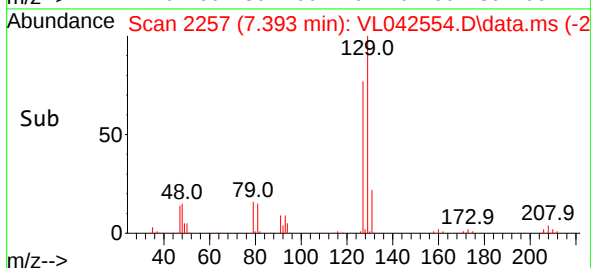
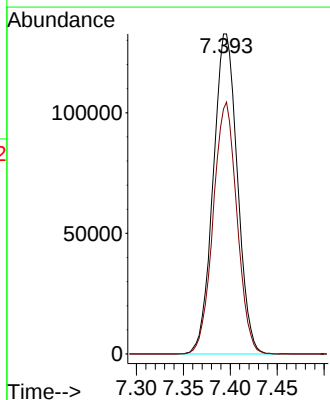
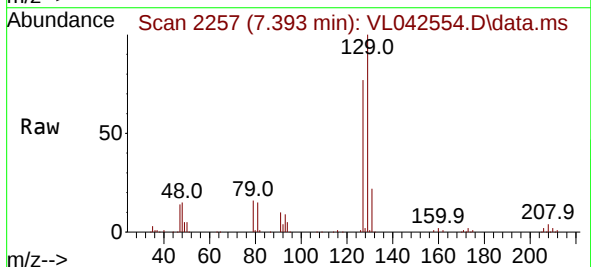
Manual Integrations
APPROVED

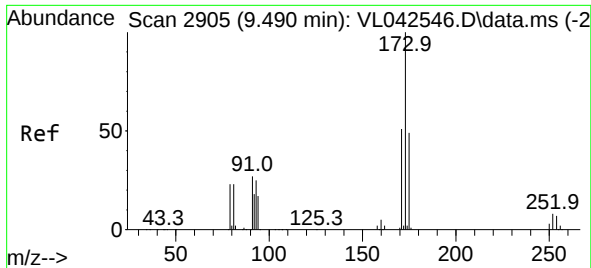
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#48
Dibromochloromethane
Concen: 10.332 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

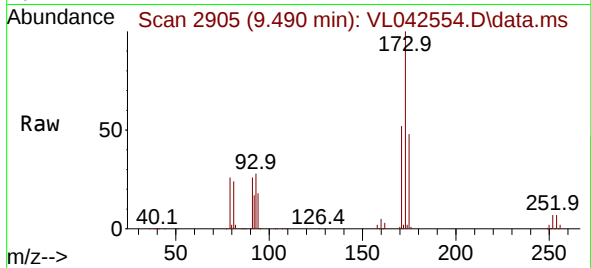
Tgt Ion:	129	Resp:	237878
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	39.0	117.0





#49
Bromoform
Concen: 10.465 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

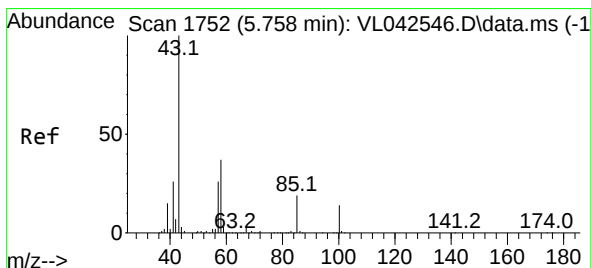
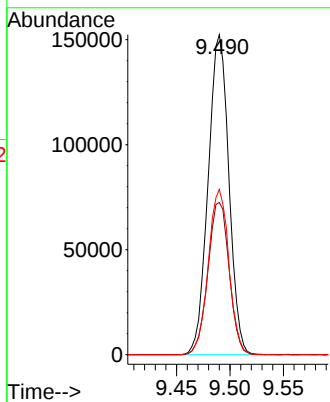
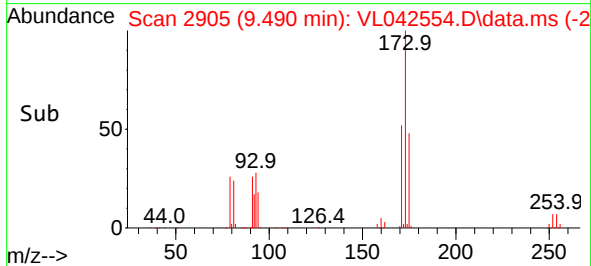
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



Tgt Ion:173 Resp: 205628
Ion Ratio Lower Upper
173 100
175 48.7 39.2 58.8
171 51.5 41.9 62.9

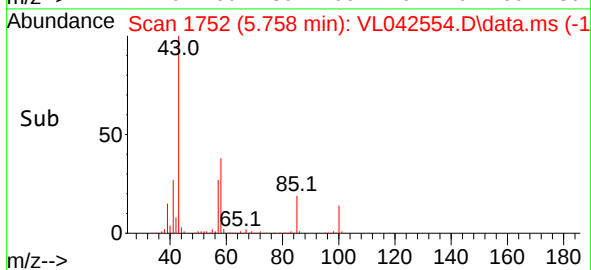
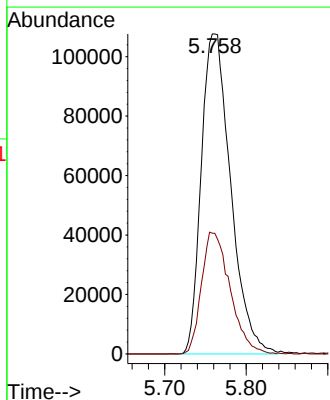
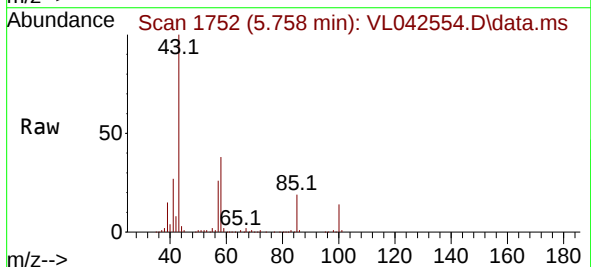
Manual Integrations
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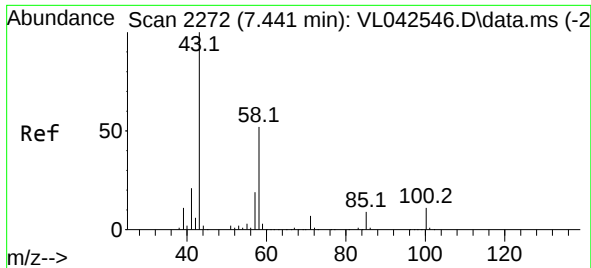
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#50
4-Methyl-2-Pentanone
Concen: 10.845 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion: 43 Resp: 270068
Ion Ratio Lower Upper
43 100
58 37.0 30.0 45.0





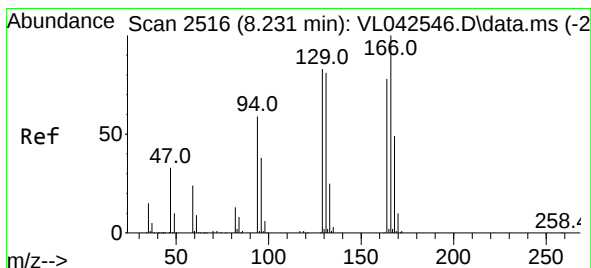
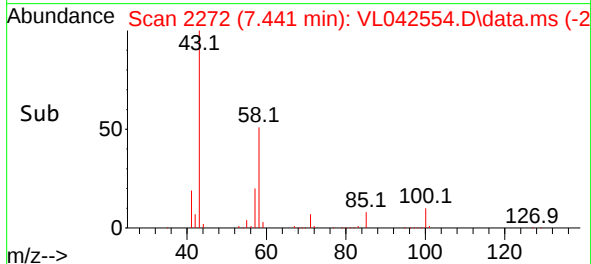
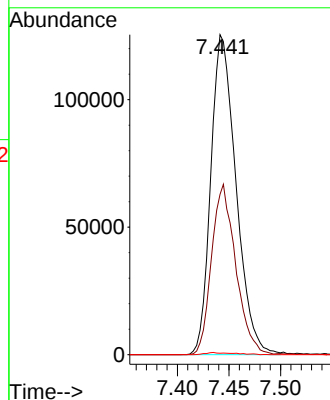
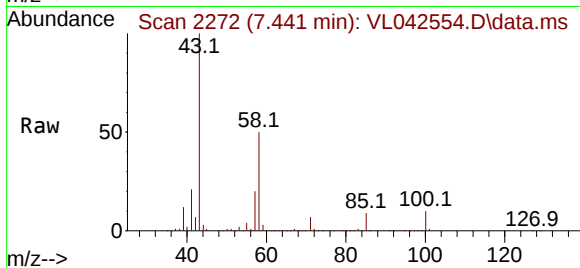
#51
2-Hexanone
Concen: 11.593 ppbv
RT: 7.441 min Scan# 212915
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion: 43 Resp: 212915
Ion Ratio Lower Upper
43 100
58 51.3 41.4 62.2
98 0.8 0.4 0.6

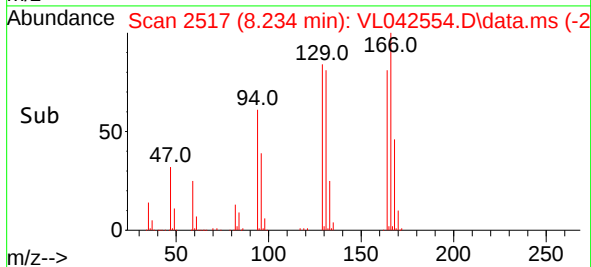
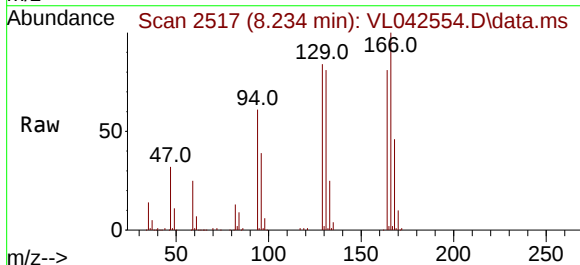
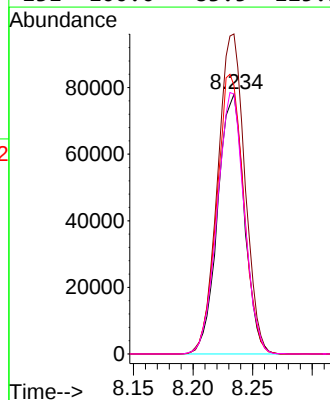
Manual Integrations
APPROVED

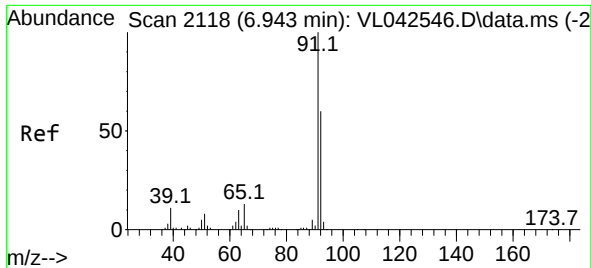
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#52
Tetrachloroethene
Concen: 9.784 ppbv
RT: 8.234 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

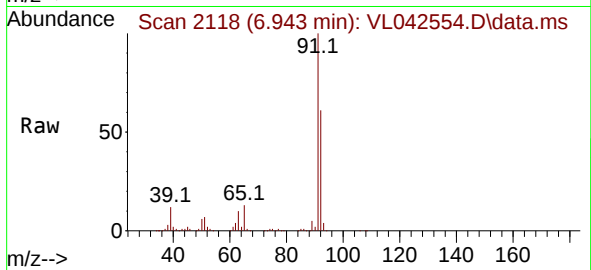
Tgt Ion:164 Resp: 120720
Ion Ratio Lower Upper
164 100
166 123.2 103.1 154.7
129 103.4 85.3 127.9
131 100.0 83.5 125.3





#53
Toluene
Concen: 10.728 ppbv
RT: 6.943 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

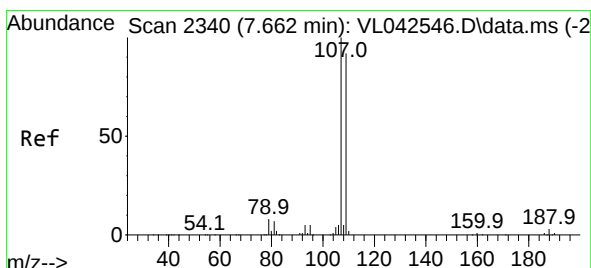
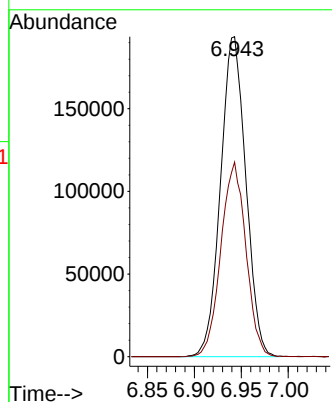
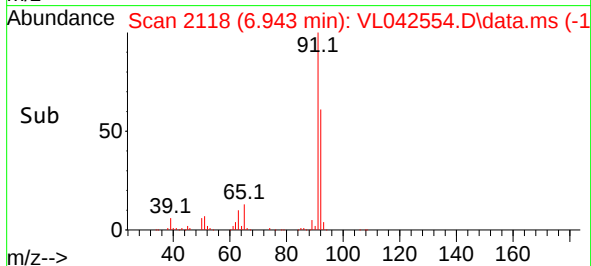
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



Tgt Ion: 91 Resp: 362812
Ion Ratio Lower Upper
91 100
92 60.1 47.8 71.8

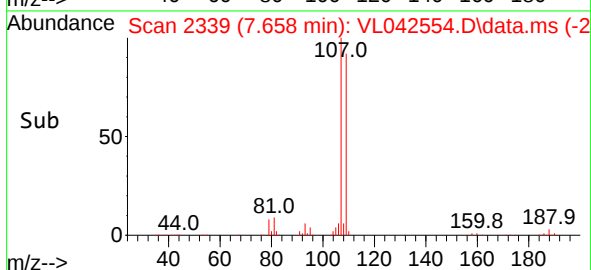
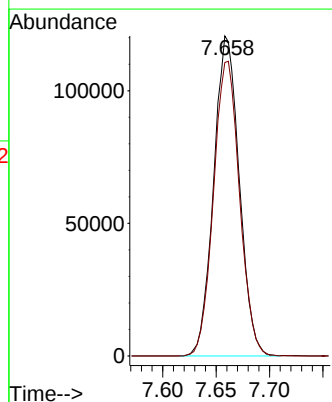
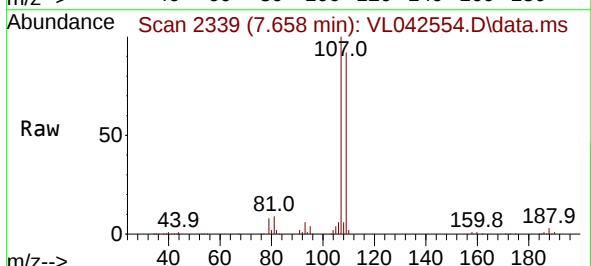
Manual Integrations
APPROVED

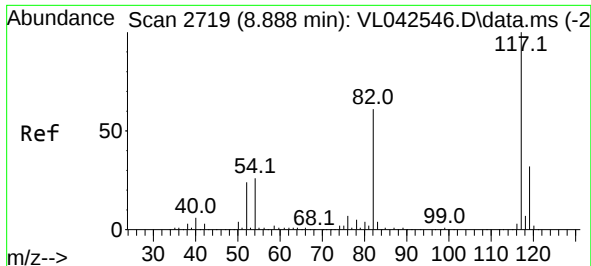
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#54
1,2-Dibromoethane
Concen: 10.360 ppbv
RT: 7.658 min Scan# 2339
Delta R.T. -0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

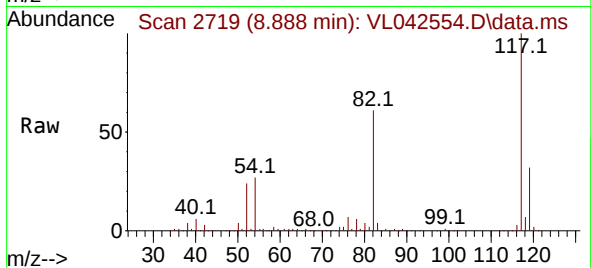
Tgt Ion:107 Resp: 200806
Ion Ratio Lower Upper
107 100
109 91.6 73.4 110.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.888 min Scan# 2719
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

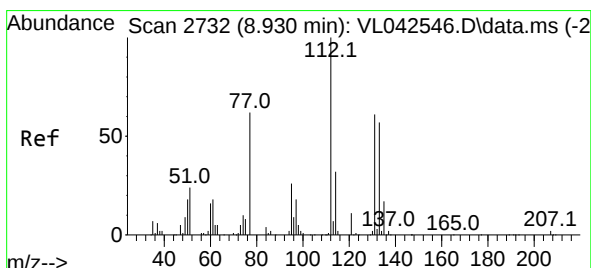
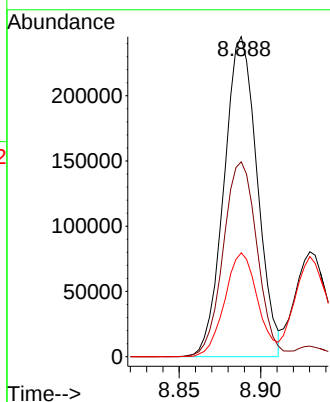
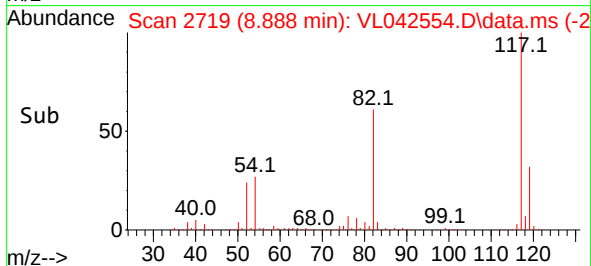
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



Tgt Ion:117 Resp: 34696
Ion Ratio Lower Upper
117 100
82 65.3 51.0 76.4
119 32.6 27.0 40.4

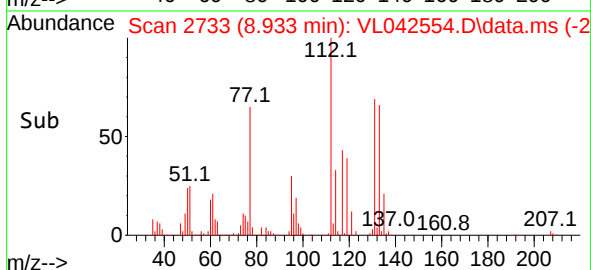
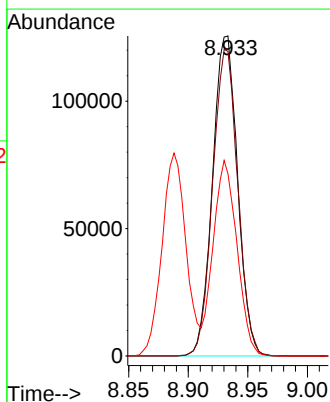
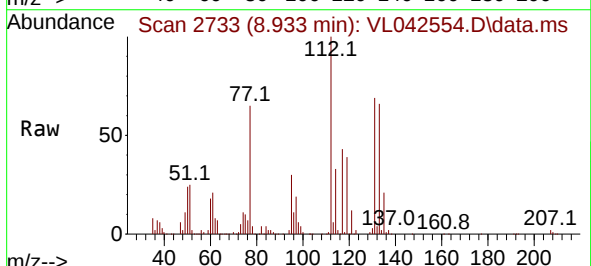
Manual Integrations
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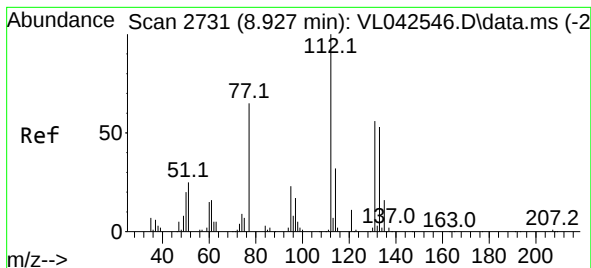
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#56
1,1,1,2-Tetrachloroethane
Concen: 9.925 ppbv
RT: 8.933 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion:131 Resp: 183591
Ion Ratio Lower Upper
131 100
133 96.0 76.3 114.5
119 59.2 47.5 71.3





#57

Chlorobenzene

Concen: 9.745 ppbv

RT: 8.927 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

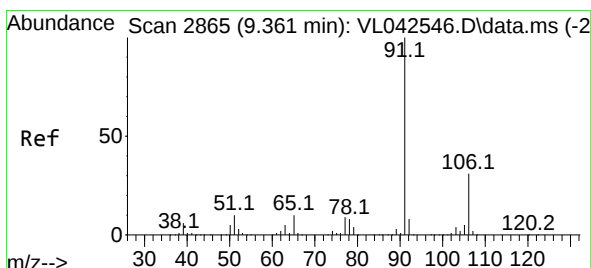
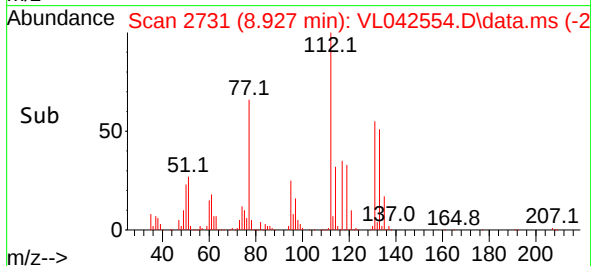
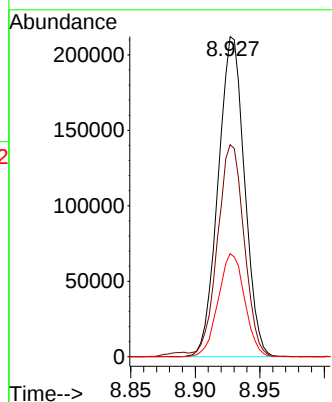
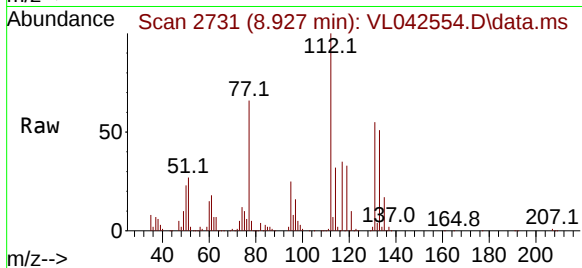
ICVVL052025

Tgt Ion:	112	Resp:	301190
Ion Ratio	Lower	Upper	
112	100		
77	66.2	53.2	79.8
114	32.2	28.4	34.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#58

Ethyl Benzene

Concen: 11.235 ppbv

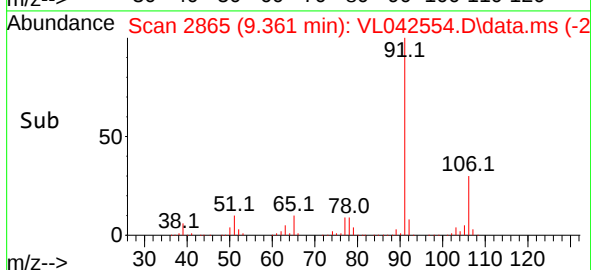
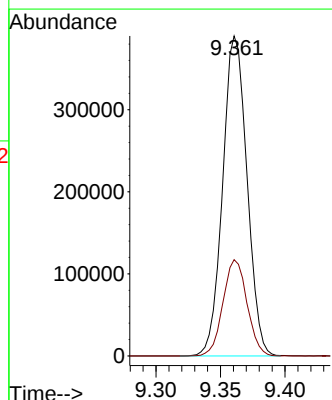
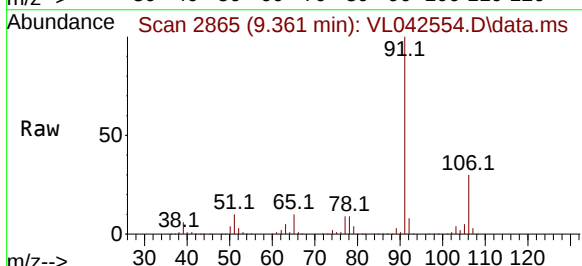
RT: 9.361 min Scan# 2865

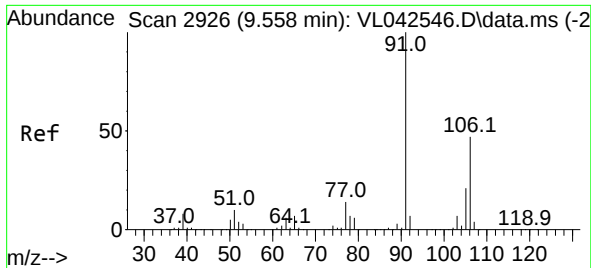
Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Tgt Ion:	91	Resp:	510318
Ion Ratio	Lower	Upper	
91	100		
106	30.1	24.6	37.0





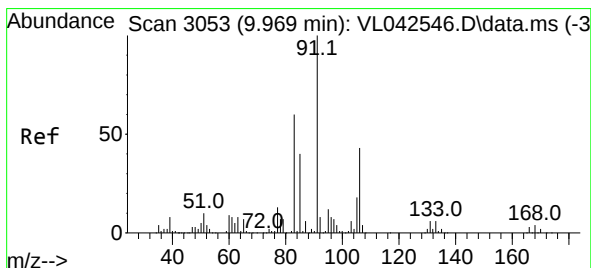
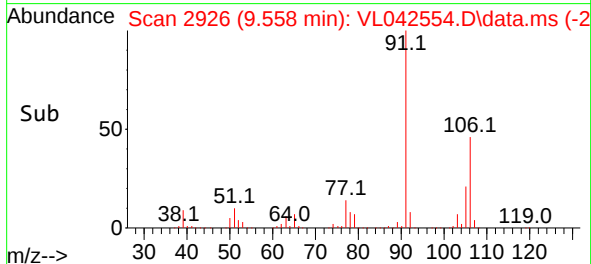
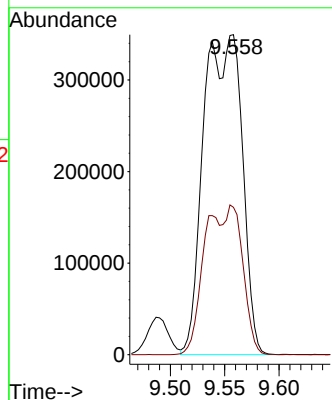
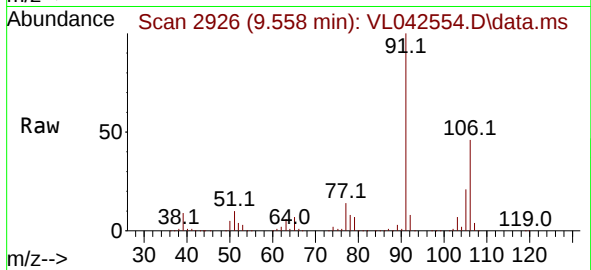
#59
m/p-Xylene
Concen: 22.200 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025

Tgt Ion: 91 Resp: 86103
Ion Ratio Lower Upper
91 100
106 46.1 37.1 55.7

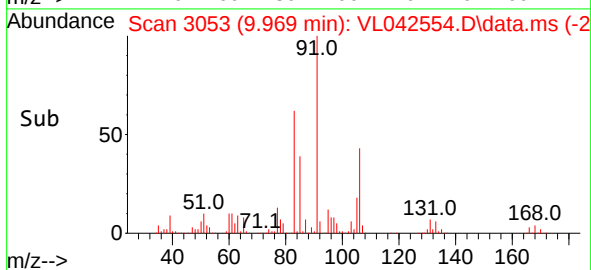
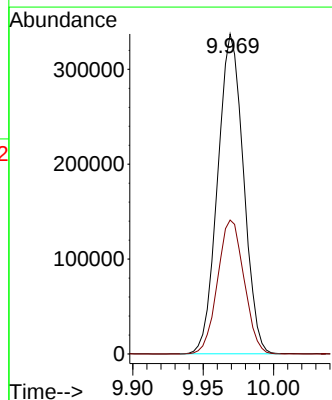
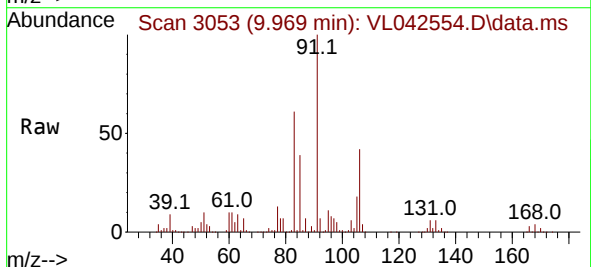
Manual Integrations
APPROVED

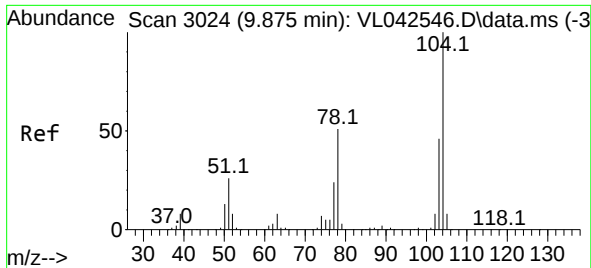
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#60
o-Xylene
Concen: 11.195 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion: 91 Resp: 430083
Ion Ratio Lower Upper
91 100
106 42.9 21.6 64.8





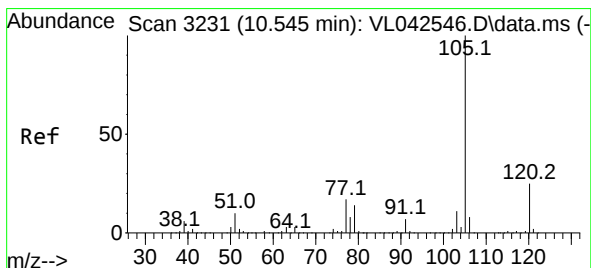
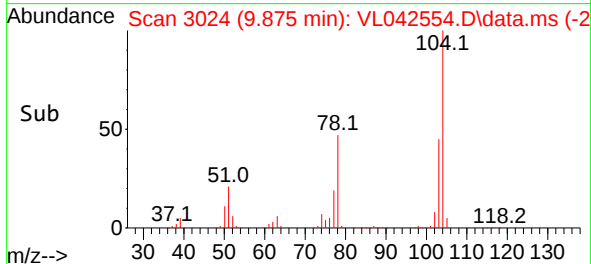
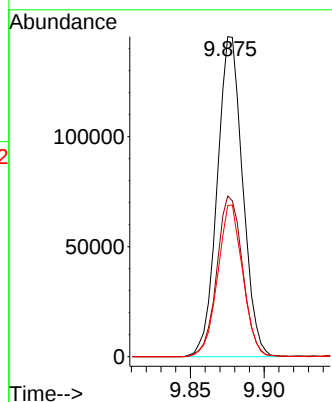
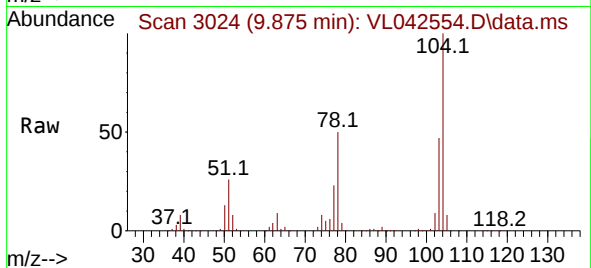
#61
Styrene
Concen: 11.892 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion:104 Resp: 175102
Ion Ratio Lower Upper
104 100
78 50.7 39.2 58.8
103 46.8 37.1 55.7

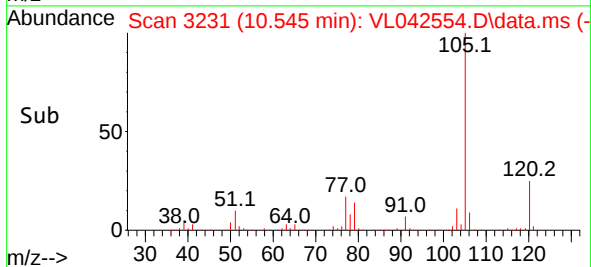
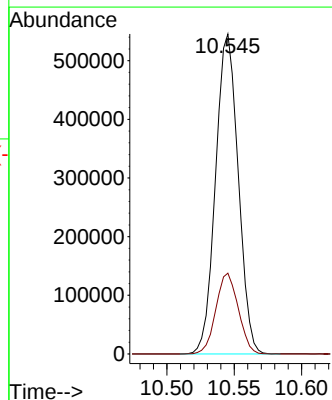
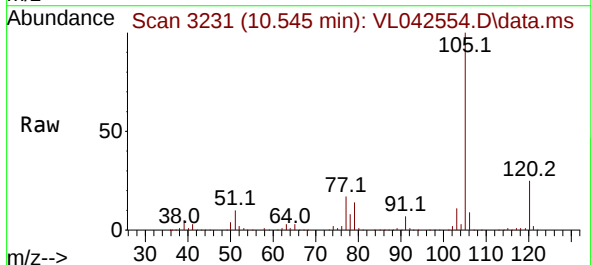
Manual Integrations
APPROVED

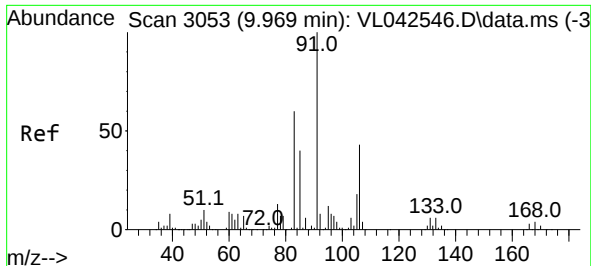
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#62
Isopropylbenzene
Concen: 10.847 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

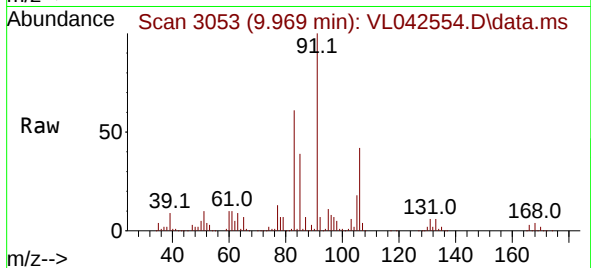
Tgt Ion:105 Resp: 637555
Ion Ratio Lower Upper
105 100
120 25.0 20.0 30.0





#63
1,1,2,2-Tetrachloroethane
Concen: 10.152 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

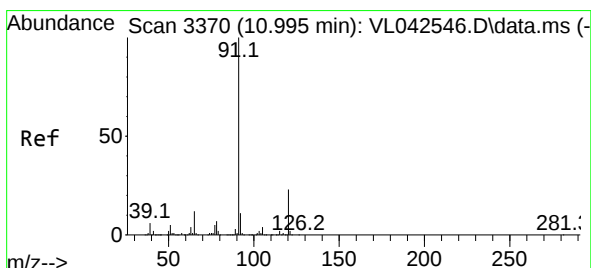
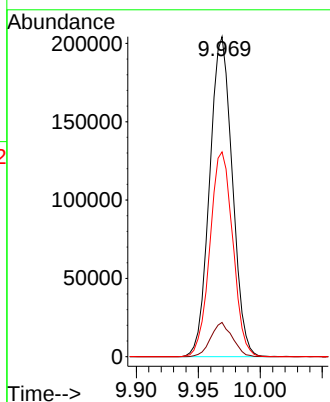
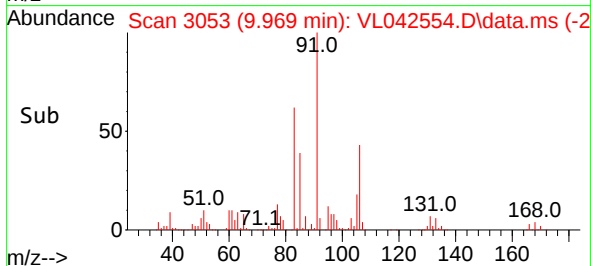
Instrument : MSVOA_L
ClientSampleId : ICVVL052025



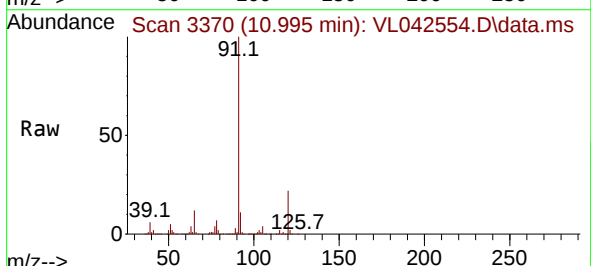
Tgt Ion: 83 Resp: 260620
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 64.5 32.5 97.4

Manual Integrations
APPROVED

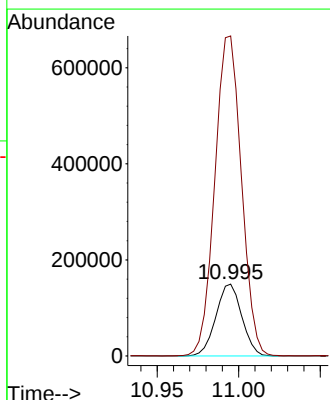
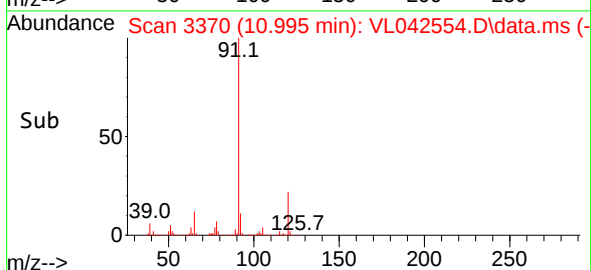
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

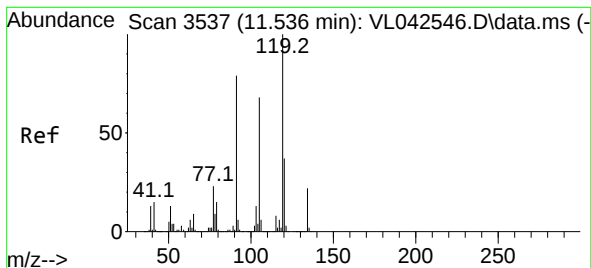


#64
n-propylbenzene
Concen: 11.275 ppbv
RT: 10.995 min Scan# 3370
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



Tgt Ion:120 Resp: 165094
Ion Ratio Lower Upper
120 100
91 457.2 367.0 550.4





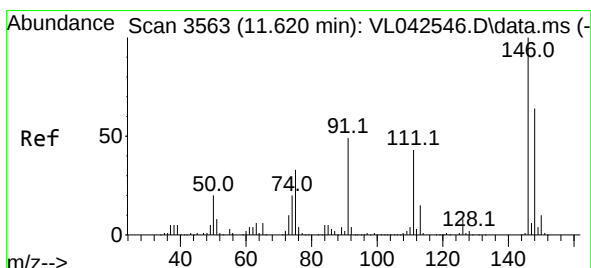
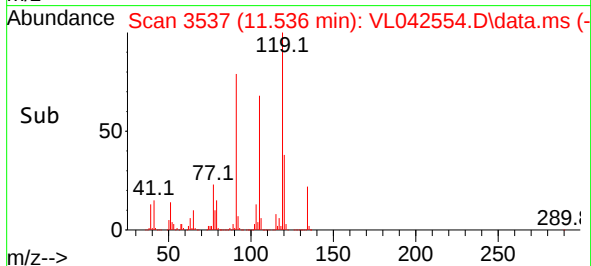
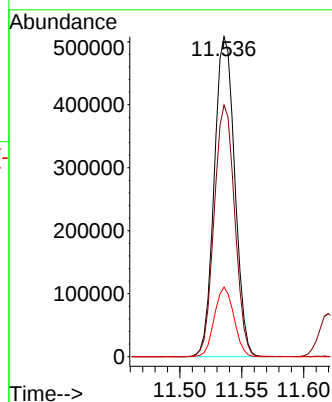
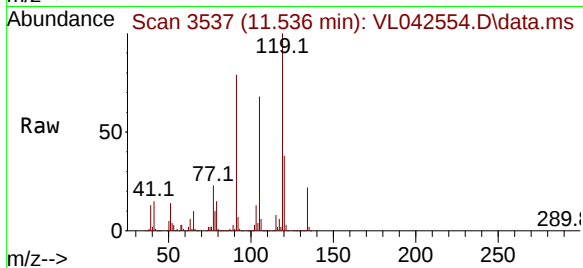
#65
tert-Butylbenzene
Concen: 11.067 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument : MSVOA_L
ClientSampleId : ICVVL052025

Tgt Ion: 119 Resp: 58512
Ion Ratio Lower Upper
119 100
91 79.0 62.7 94.1
134 20.7 16.8 25.2

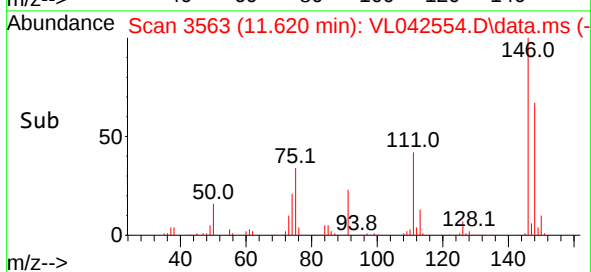
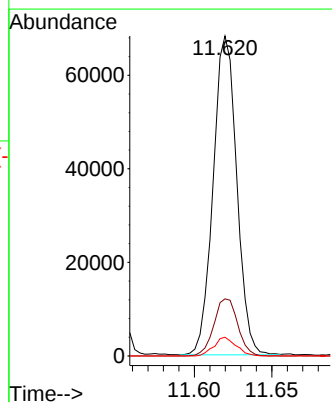
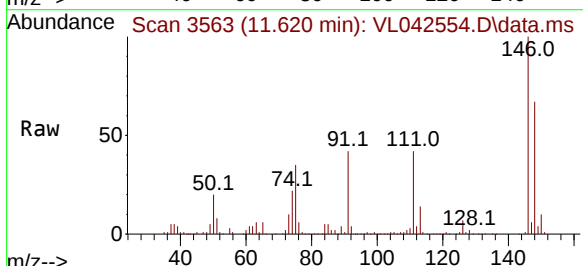
Manual Integrations
APPROVED

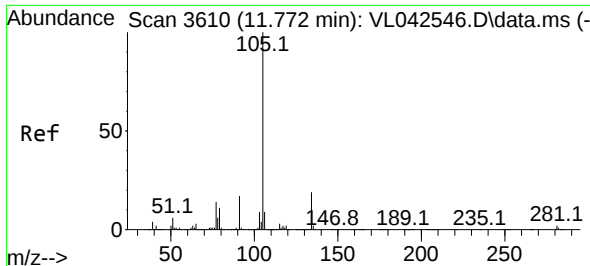
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#66
Benzyl Chloride
Concen: 10.904 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

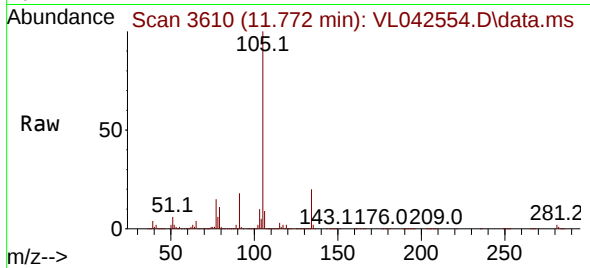
Tgt Ion: 91 Resp: 72130
Ion Ratio Lower Upper
91 100
126 18.1 14.2 21.2
128 5.6 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 10.744 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

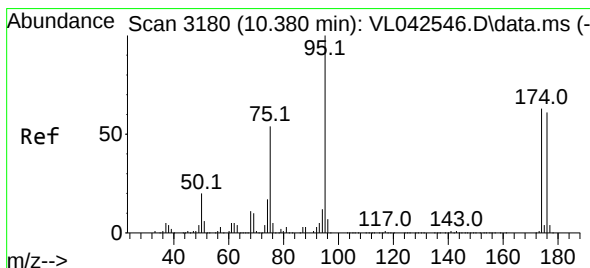
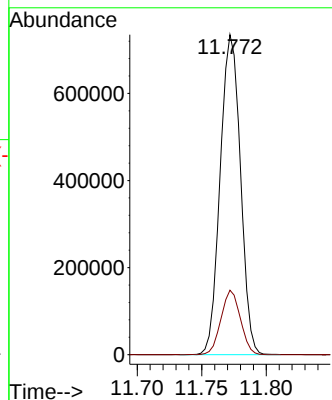
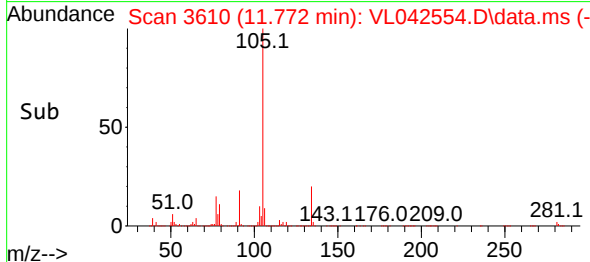
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL052025



Tgt Ion:105 Resp: 80185
 Ion Ratio Lower Upper
 105 100
 134 19.3 15.4 23.2

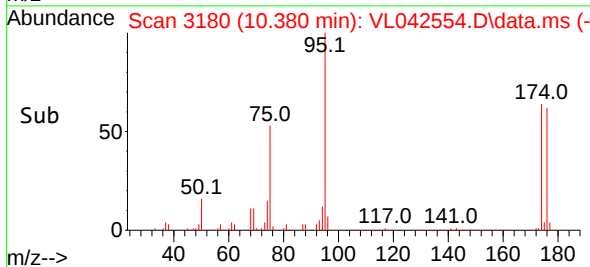
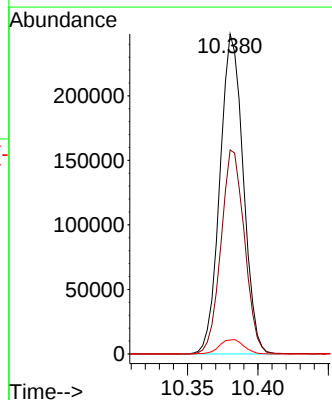
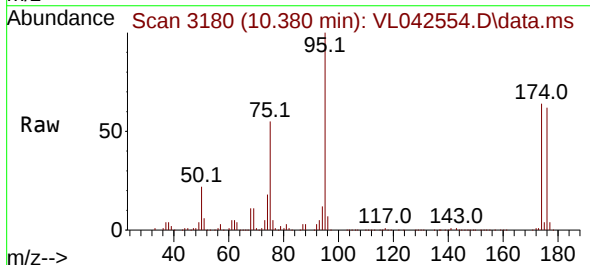
Manual Integrations
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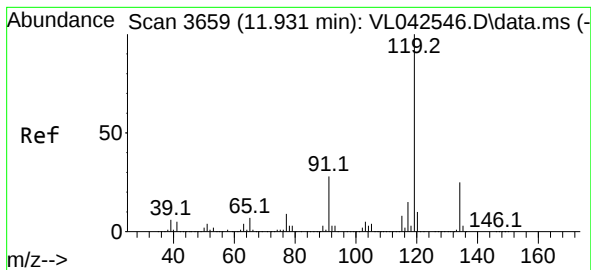
Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.296 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

Tgt Ion: 95 Resp: 285896
 Ion Ratio Lower Upper
 95 100
 174 64.5 52.0 78.0
 175 4.7 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.302 ppbv
RT: 11.930 min Scan# 3659
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

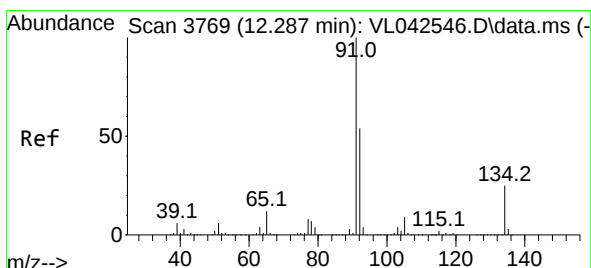
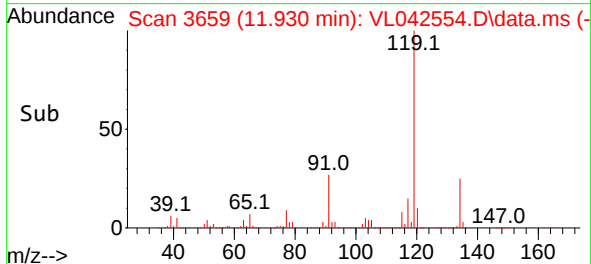
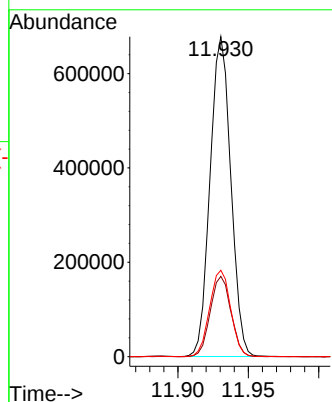
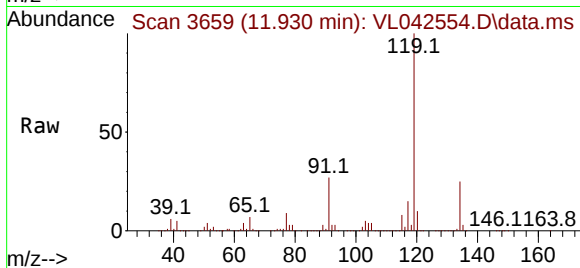
ClientSampleId :

ICVVL052025

Tgt Ion:119 Resp: 696584
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 27.6 22.3 33.5

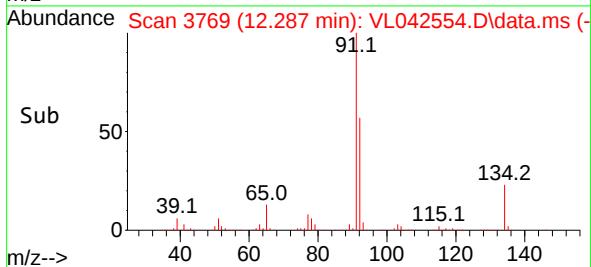
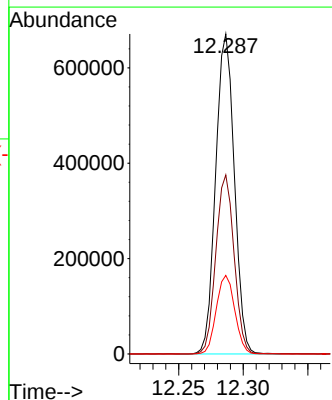
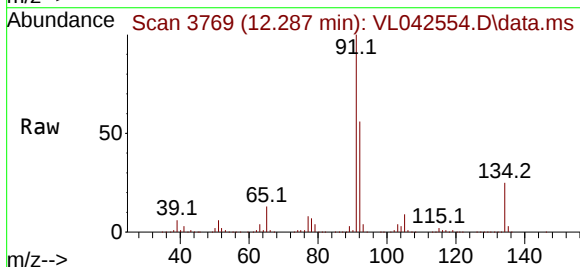
Manual Integrations
APPROVED

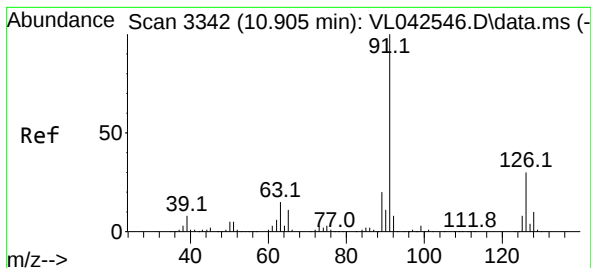
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#70
n-Butylbenzene
Concen: 11.559 ppbv
RT: 12.287 min Scan# 3769
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion: 91 Resp: 673132
Ion Ratio Lower Upper
91 100
92 54.7 43.8 65.6
134 24.3 19.7 29.5





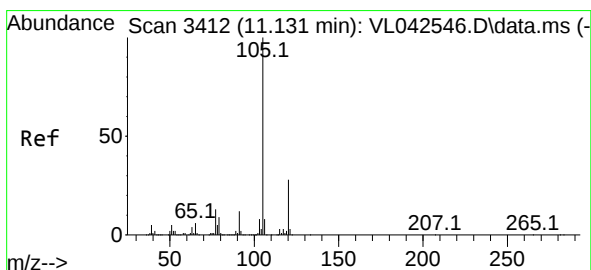
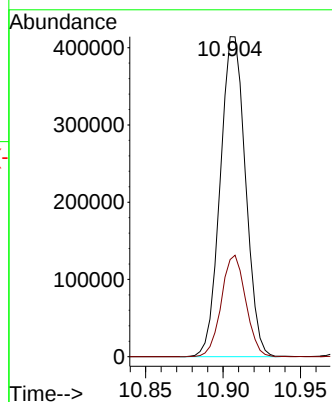
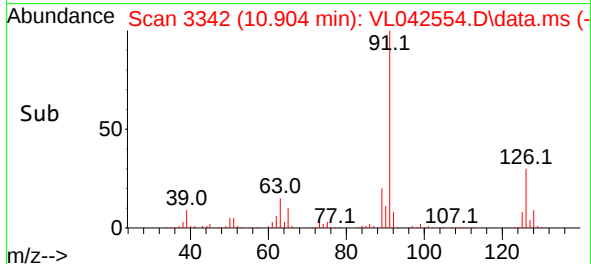
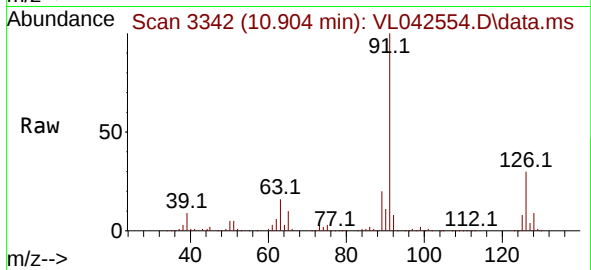
#71
2-Chlorotoluene
Concen: 11.102 ppbv
RT: 10.904 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025

Tgt Ion: 91 Resp: 469644
Ion Ratio Lower Upper
91 100
126 30.6 12.4 49.4

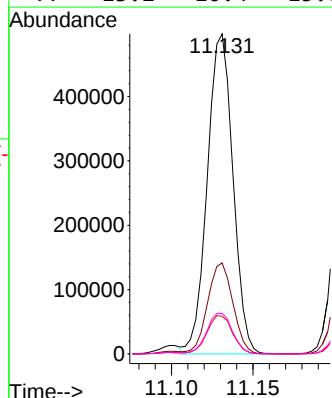
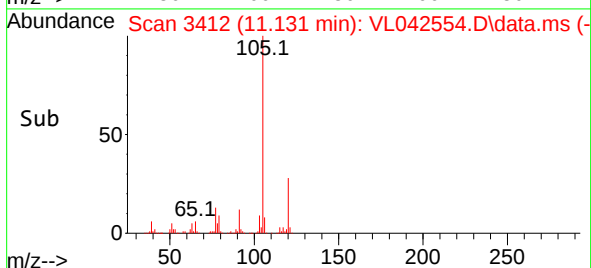
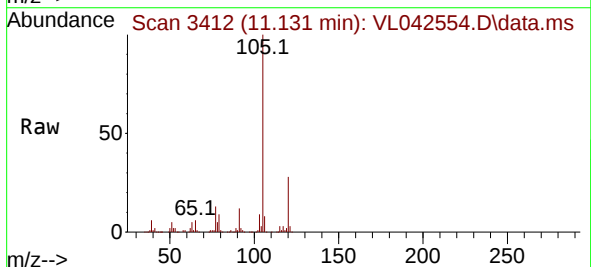
Manual Integrations
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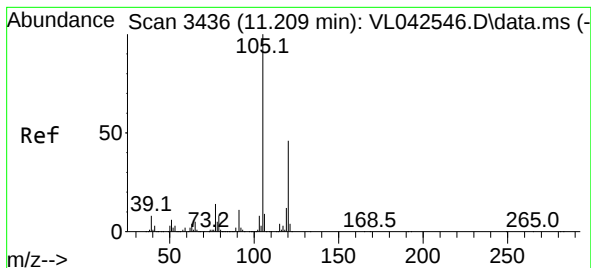
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025



#72
4-Ethyltoluene
Concen: 11.466 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

Tgt Ion:105 Resp: 544005
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.0
91 12.5 10.2 15.4
77 13.2 10.4 15.6





#73

1,3,5-Trimethylbenzene

Concen: 11.073 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Instrument :

MSVOA_L

ClientSampleId :

ICVVL052025

Tgt Ion:105 Resp: 45445

Ion Ratio Lower Upper

105 100

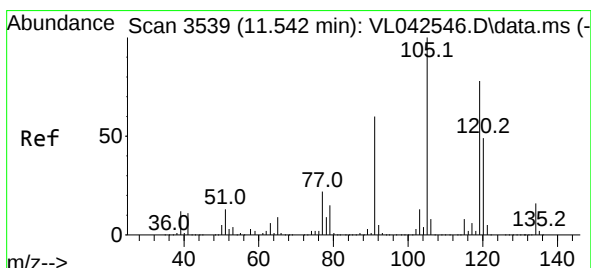
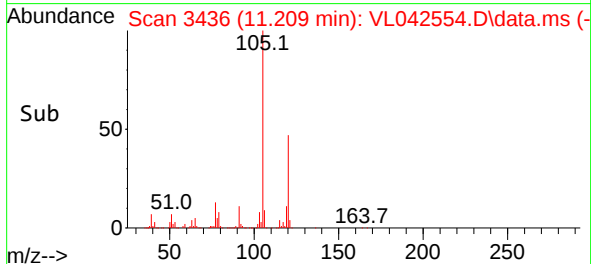
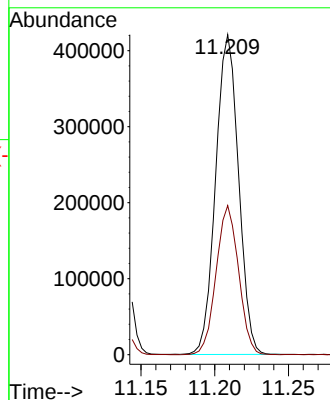
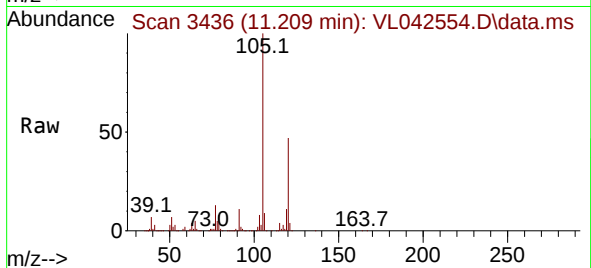
120 46.7 36.5 54.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/21/2025

Supervised By :Mahesh Dadoda 05/21/2025



#74

1,2,4-Trimethylbenzene

Concen: 10.461 ppbv

RT: 11.542 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VL042554.D

Acq: 20 May 2025 15:25

Tgt Ion:105 Resp: 517733

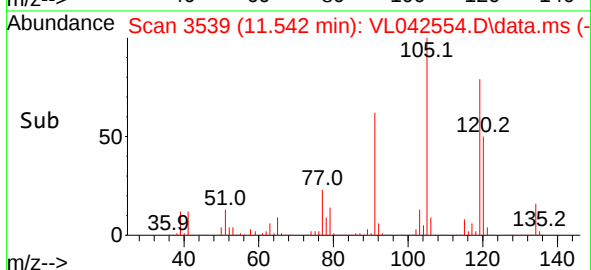
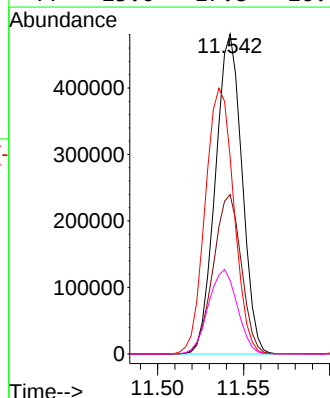
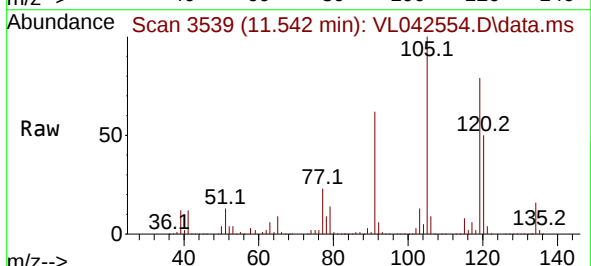
Ion Ratio Lower Upper

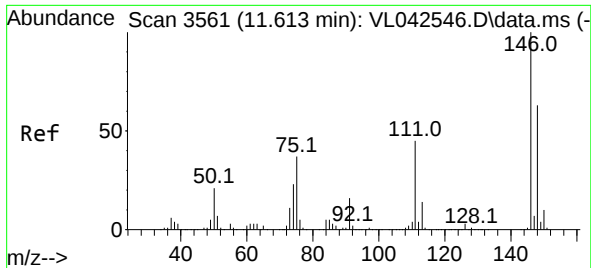
105 100

120 49.8 39.4 59.0

91 61.5 47.8 71.8

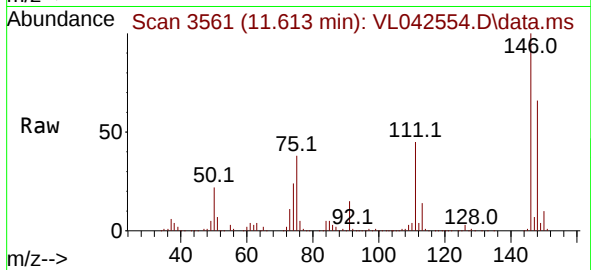
77 23.0 17.8 26.6





#75
1,3-Dichlorobenzene
Concen: 10.168 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

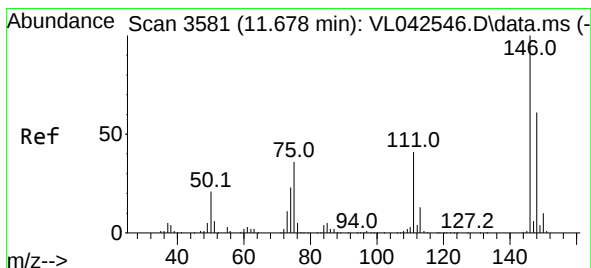
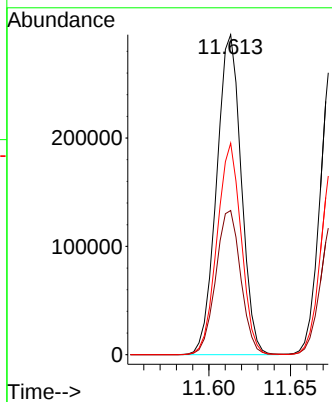
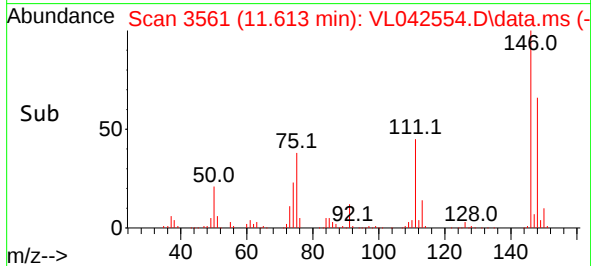
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



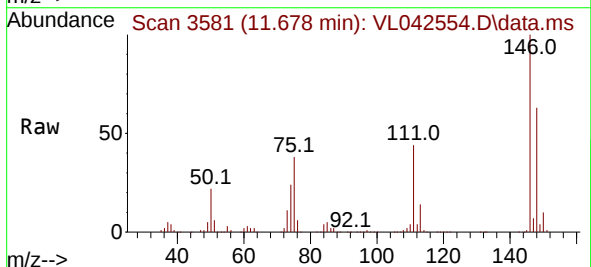
Tgt Ion:146 Resp: 310579
Ion Ratio Lower Upper
146 100
111 45.6 22.8 68.4
148 64.6 31.6 94.8

Manual Integrations
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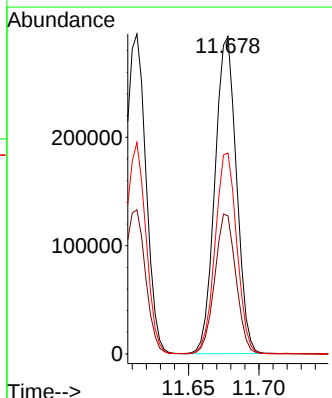
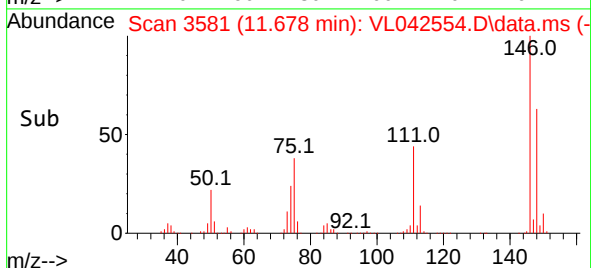
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

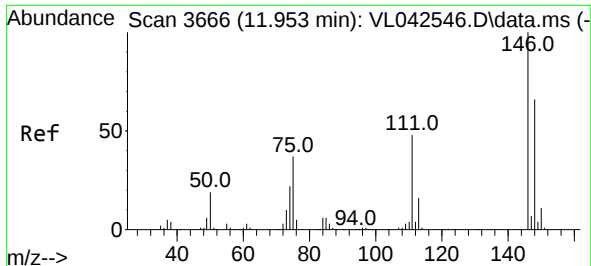


#76
1,4-Dichlorobenzene
Concen: 10.523 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



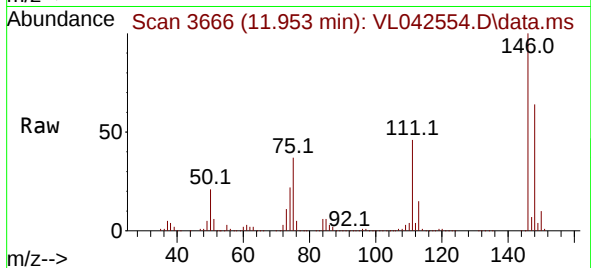
Tgt Ion:146 Resp: 312140
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.3
148 63.9 31.4 94.3





#77
1,2-Dichlorobenzene
Concen: 9.977 ppbv
RT: 11.953 min Scan# 3023
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

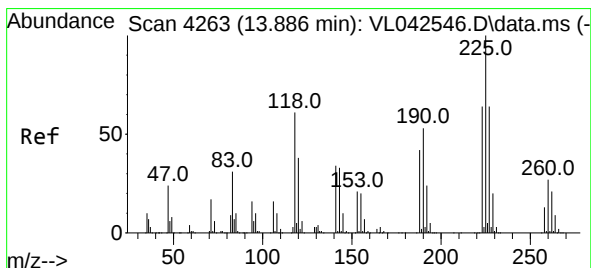
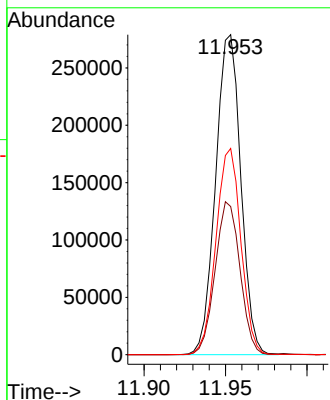
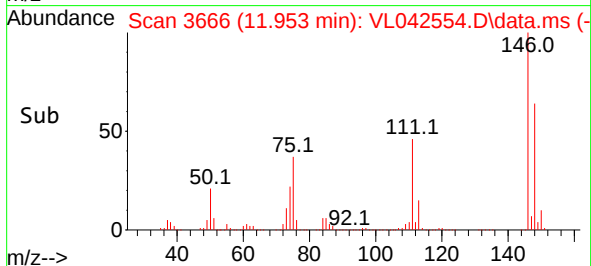
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



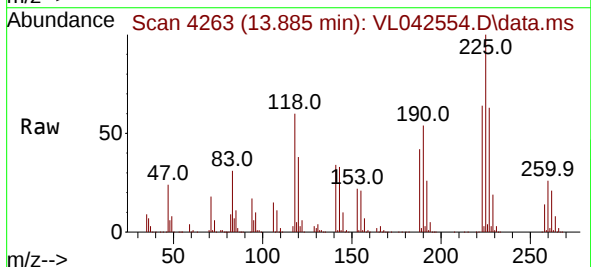
Tgt Ion:146 Resp: 300239
Ion Ratio Lower Upper
146 100
111 47.3 23.7 71.1
148 63.8 32.3 96.9

Manual Integrations
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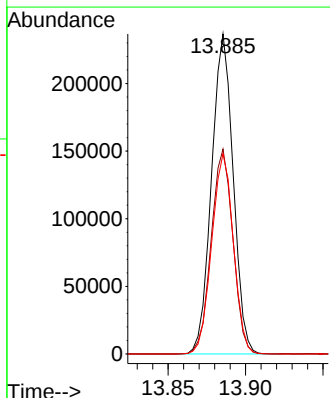
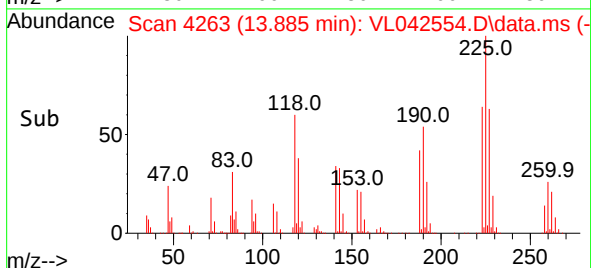
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

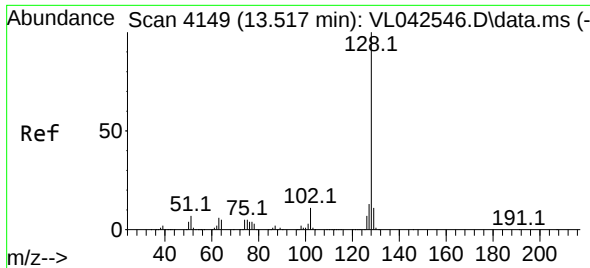


#78
Hexachloro-1,3-Butadiene
Concen: 9.233 ppbv
RT: 13.885 min Scan# 4263
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



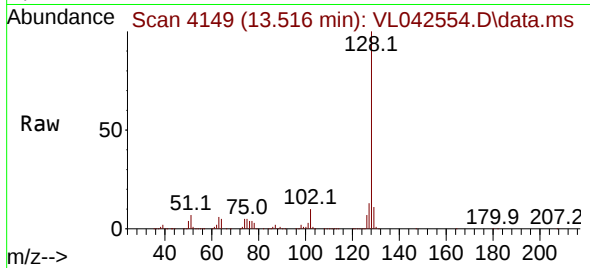
Tgt Ion:225 Resp: 229507
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 62.6 50.2 75.4





#79
Naphthalene
Concen: 12.839 ppbv
RT: 13.516 min Scan# 4149
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25

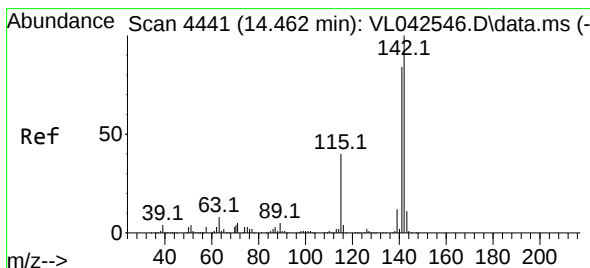
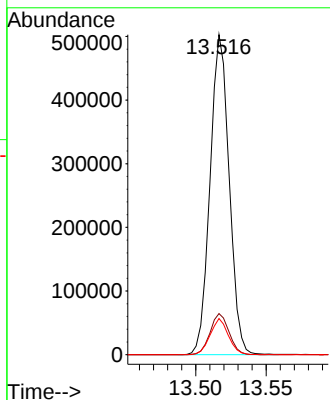
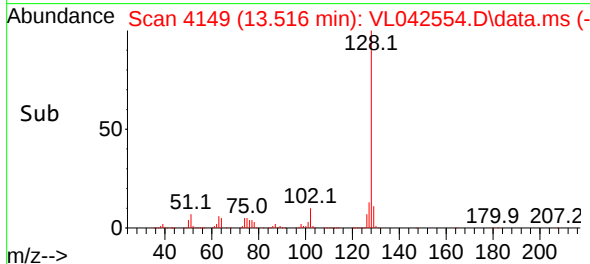
Instrument :
MSVOA_L
ClientSampleId :
ICVVL052025



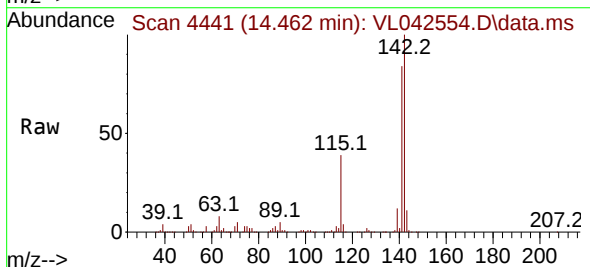
Tgt Ion:128 Resp: 476134
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.3 9.0 13.4

Manual Integrations
APPROVED

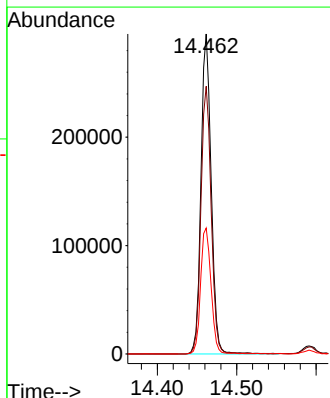
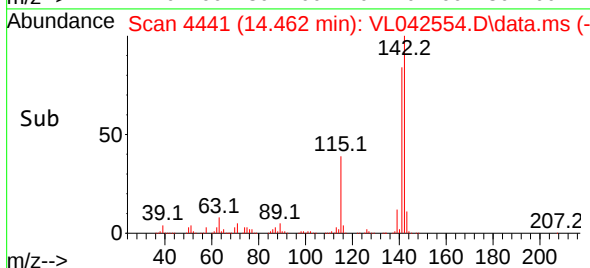
Reviewed By :Semsettin Yesilyurt 05/21/2025
Supervised By :Mahesh Dadoda 05/21/2025

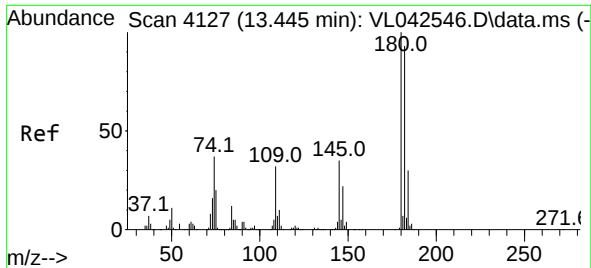


#80
Naphthalene,2-methyl-
Concen: 13.848 ppbv
RT: 14.462 min Scan# 4441
Delta R.T. -0.000 min
Lab File: VL042554.D
Acq: 20 May 2025 15:25



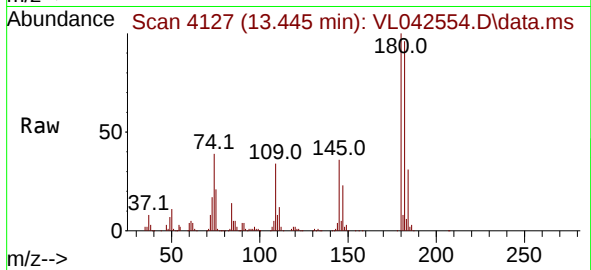
Tgt Ion:142 Resp: 264592
Ion Ratio Lower Upper
142 100
141 84.4 67.4 101.0
115 40.4 31.5 47.3





#81
 1,2,4-Trichlorobenzene
 Concen: 11.272 ppbv
 RT: 13.445 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL042554.D
 Acq: 20 May 2025 15:25

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL052025



Tgt Ion:180 Resp: 25108
 Ion Ratio Lower Upper
 180 100
 182 95.5 75.6 113.4
 184 30.0 23.7 35.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/21/2025
 Supervised By :Mahesh Dadoda 05/21/2025

