

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091725\
 Data File : VL042935.D
 Acq On : 17 Sep 2025 13:42
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/18/2025
 Supervised By : Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:32:00 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	160573	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	415318	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	353249	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.380 95 295803 10.713 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.502	85	232093	10.119	ppbv	100
3) Chlorodifluoromethane	1.479	51	238232	9.865	ppbv	100
4) Chloromethane	1.534	50	92202	10.003	ppbv	100
5) Vinyl Chloride	1.583	62	80228	9.226	ppbv	100
6) Bromomethane	1.670	94	30537	10.105	ppbv	100
7) Chloroethane	1.706	64	32281	10.079	ppbv	100
8) Dichlorotetrafluoroethane	1.557	85	183602	10.089	ppbv	100
9) Propene	1.486	41	86426	9.800	ppbv	100
10) Heptane	4.988	43	259422	11.872	ppbv	100
11) Trichlorofluoromethane	1.881	101	229480	10.128	ppbv	100
12) 1,1,2-Trichlorotrifluo...	2.143	101	178790	10.100	ppbv	100
13) Ethanol	1.722	45	7630	8.486	ppbv	98
14) Bromoethene	1.784	108	62744	9.949	ppbv	100
15) Acetone	1.839	43	172060	8.724	ppbv	100
16) 1,3-Butadiene	1.612	39	79400	9.624	ppbv	100
17) tert-Butyl alcohol	2.042	59	187824	9.890	ppbv	100
18) 1,1-Dichloroethene	2.036	96	78341	10.110	ppbv	100
19) Isopropyl Alcohol	1.887	45	103481	9.786	ppbv	100
20) Methylene Chloride	2.065	84	67680	7.882	ppbv	100
21) Allyl Chloride	2.097	41	132660	9.923	ppbv	100
22) trans-1,2-Dichloroethene	2.343	96	88151	10.037	ppbv	100
23) Vinyl Acetate	2.466	43	238255	10.397	ppbv	100
24) 1,1-Dichloroethane	2.411	63	176500	10.174	ppbv	100
25) Ethyl Acetate	2.835	43	455318	10.811	ppbv	100
26) Hexane	2.829	57	199382	11.031	ppbv	100
27) Carbon Disulfide	2.152	76	220787	9.904	ppbv	99
28) Methyl tert-Butyl Ether	2.444	73	99133	9.982	ppbv	100
29) Chloroform	2.852	83	299464	10.137	ppbv	100
30) Cyclohexane	3.861	84	162355	11.924	ppbv	100
31) cis-1,2-Dichloroethene	2.725	61	184566	10.459	ppbv	100
32) 1,1,1-Trichloroethane	3.373	97	274368	9.926	ppbv	100
34) 2-Butanone	2.560	43	280052	10.402	ppbv	100
35) Carbon Tetrachloride	3.768	117	287073	9.724	ppbv	100
36) Benzene	3.661	78	383581	10.588	ppbv	100
37) 1,2-Dichloroethane	3.221	62	218944	10.091	ppbv	100
38) Trichloroethene	4.557	130	166868	10.176	ppbv	100
39) 1,2-Dichloropropane	4.318	63	148415	10.139	ppbv	100
40) 1,4-Dioxane	4.583	88	60929	11.733	ppbv #	100
41) Tetrahydrofuran	3.056	42	150567	11.375	ppbv	100
42) Bromodichloromethane	4.496	83	316501	10.165	ppbv	100
43) Methyl Methacrylate	4.884	69	143457	11.807	ppbv	100
44) 2,2,4-Trimethylpentane	4.648	57	700623	11.595	ppbv	100
45) t-1,3-Dichloropropene	6.422	75	146102	11.424	ppbv	100

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

Quant Time: Sep 18 02:32:00 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091725AIR.M

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

QLast Update : Thu Sep 18 02:25:28 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.609	75	197003	11.174	ppbv	100
47) 1,1,2-Trichloroethane	6.587	97	156042	10.453	ppbv	100
48) Dibromochloromethane	7.393	129	244251	10.447	ppbv	100
49) Bromoform	9.490	173	196118	10.747	ppbv	100
50) 4-Methyl-2-Pentanone	5.758	43	387522	12.080	ppbv	100
51) 2-Hexanone	7.441	43	307420	13.020	ppbv	100
52) Tetrachloroethene	8.231	164	115985	10.295	ppbv	100
53) Toluene	6.939	91	415754	12.313	ppbv	100
54) 1,2-Dibromoethane	7.658	107	211125	10.997	ppbv	100
56) 1,1,1,2-Tetrachloroethane	8.930	131	186222	10.345	ppbv	100
57) Chlorobenzene	8.927	112	342500	10.490	ppbv	100
58) Ethyl Benzene	9.360	91	582982	12.810	ppbv	100
59) m/p-Xylene	9.558	91	983541m	25.571	ppbv	
60) o-Xylene	9.969	91	495406	12.957	ppbv	100
61) Styrene	9.875	104	196509	9.941	ppbv	100
62) Isopropylbenzene	10.545	105	707651	12.705	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	283680	10.272	ppbv	100
64) n-propylbenzene	10.992	120	182766	12.656	ppbv	100
65) tert-Butylbenzene	11.536	119	619284	13.011	ppbv	100
66) Benzyl Chloride	11.620	91	53013	11.987	ppbv	100
67) sec-Butylbenzene	11.772	105	904817	12.496	ppbv	100
69) p-Isopropyltoluene	11.930	119	730122	13.084	ppbv	100
70) n-Butylbenzene	12.286	91	787146	10.537	ppbv	100
71) 2-Chlorotoluene	10.904	91	530980	12.848	ppbv	100
72) 4-Ethyltoluene	11.131	105	597492	10.333	ppbv	100
73) 1,3,5-Trimethylbenzene	11.209	105	493710	13.051	ppbv	100
74) 1,2,4-Trimethylbenzene	11.539	105	566106	12.734	ppbv	100
75) 1,3-Dichlorobenzene	11.613	146	319203	11.326	ppbv	100
76) 1,4-Dichlorobenzene	11.678	146	322554	11.896	ppbv	100
77) 1,2-Dichlorobenzene	11.950	146	316961	11.147	ppbv	100
78) Hexachloro-1,3-Butadiene	13.885	225	185221	10.199	ppbv	100
79) Naphthalene	13.516	128	474749	10.151	ppbv	100
80) Naphthalene,2-methyl-	14.461	142	132693	9.058	ppbv	100
81) 1,2,4-Trichlorobenzene	13.445	180	224163	9.993	ppbv	100

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

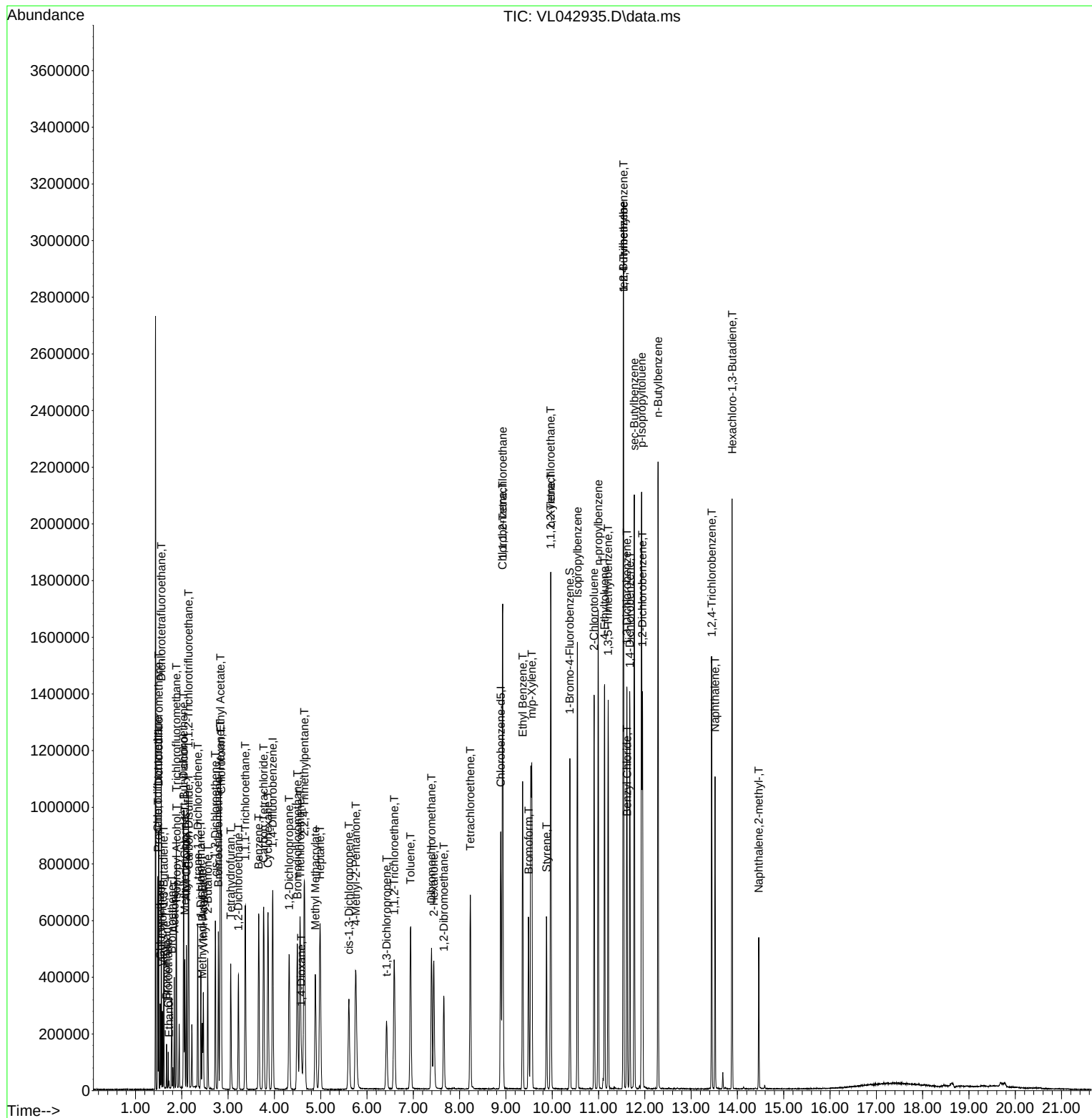
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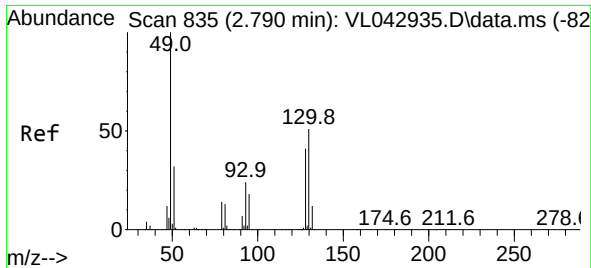
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations
APPROVED

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Supervised By : Mahesh Dadoda 09/18/2025

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Sep 18 02:25:28 2025
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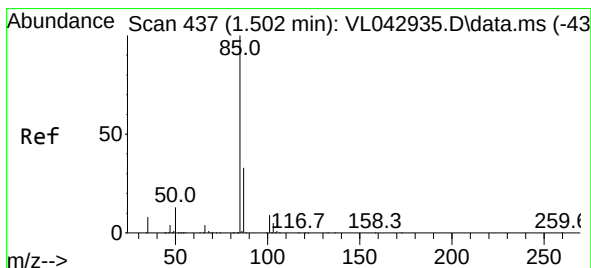
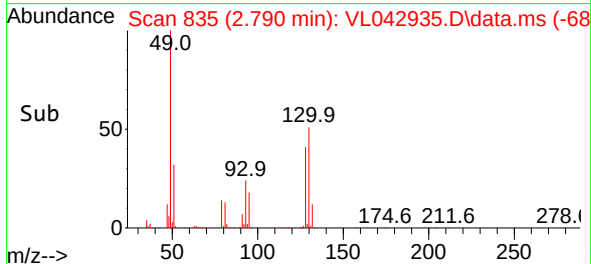
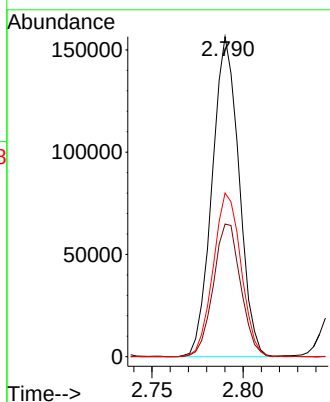
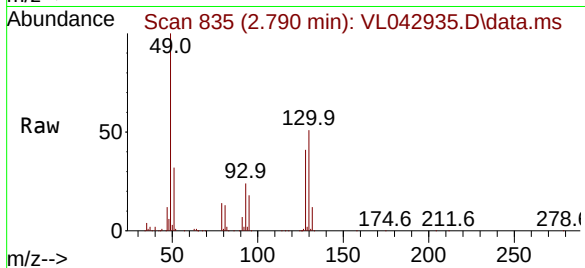
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Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 835
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 16057
Ion Ratio Lower Upper
49 100
128 42.3 21.1 63.4
130 52.8 26.4 79.2

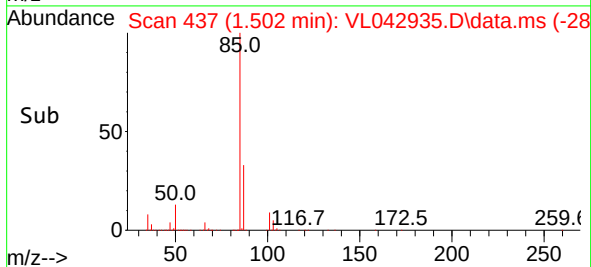
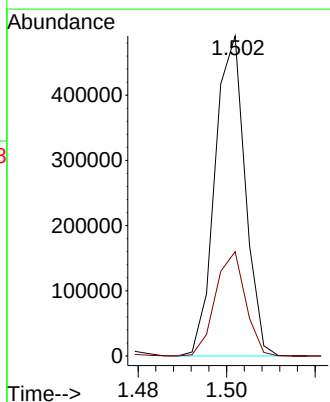
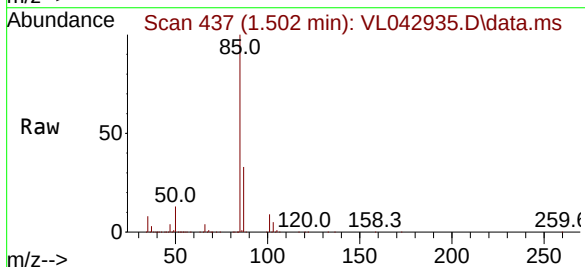
Manual Integrations
APPROVED

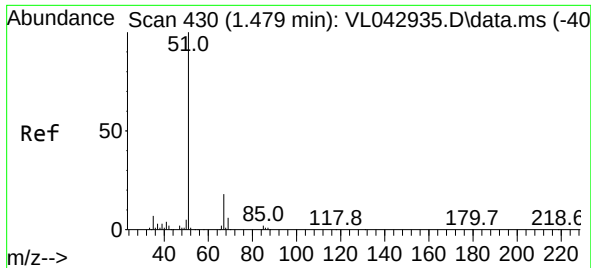
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#2
Dichlorodifluoromethane
Concen: 10.119 ppbv
RT: 1.502 min Scan# 437
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

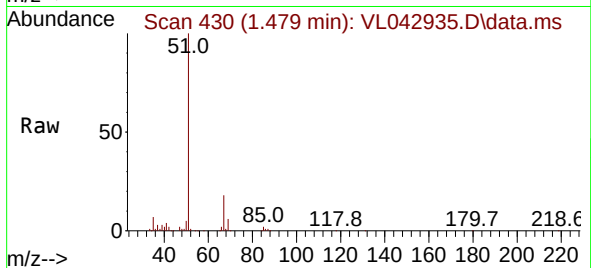
Tgt Ion: 85 Resp: 232093
Ion Ratio Lower Upper
85 100
87 32.6 26.1 39.1





#3
Chlorodifluoromethane
Concen: 9.865 ppbv
RT: 1.479 min Scan# 430
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

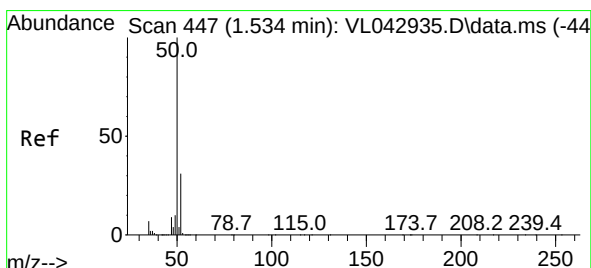
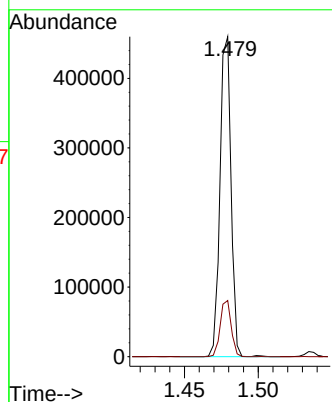
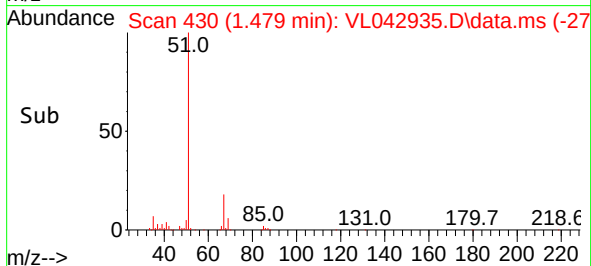
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



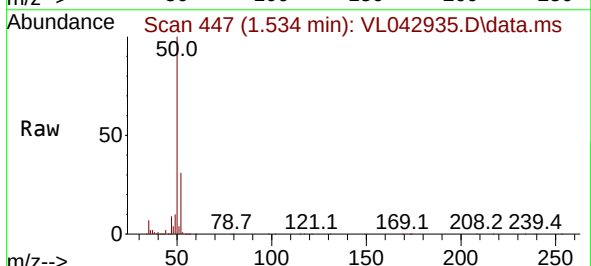
Tgt Ion: 51 Resp: 23823
Ion Ratio Lower Upper
51 100
67 17.6 14.1 21.1

Manual Integrations
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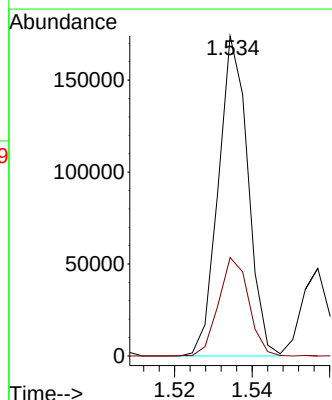
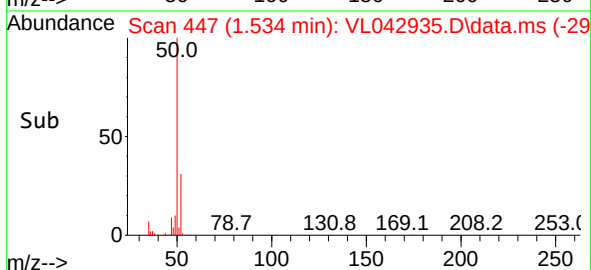
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Supervised By :Mahesh Dadoda 09/18/2025

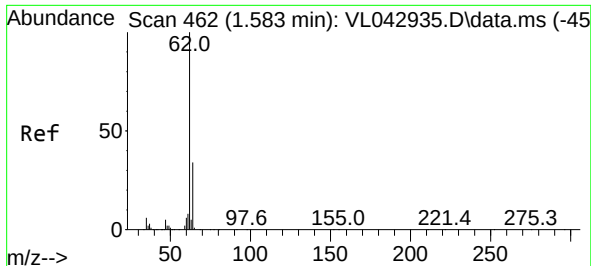


#4
Chloromethane
Concen: 10.003 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



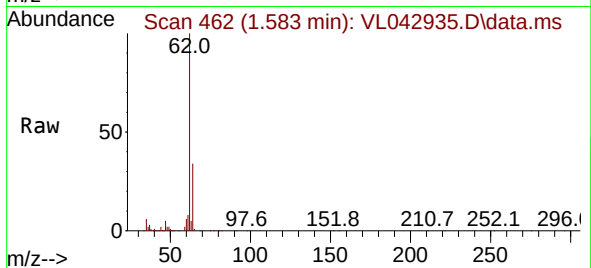
Tgt Ion: 50 Resp: 92202
Ion Ratio Lower Upper
50 100
52 30.7 24.6 36.8





#5
 Vinyl Chloride
 Concen: 9.226 ppbv
 RT: 1.583 min Scan# 462
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

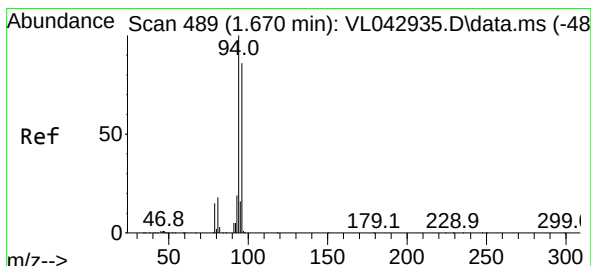
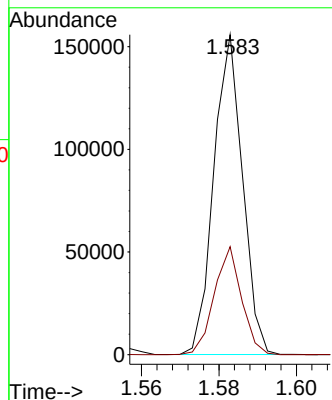
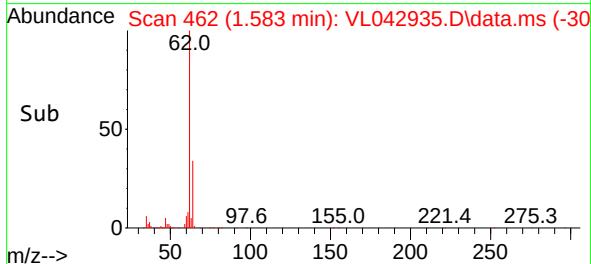
Instrument :
 MSVOA_L
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 VSTDICCC010



Tgt Ion: 62 Resp: 80228
 Ion Ratio Lower Upper
 62 100
 64 33.8 27.0 40.6

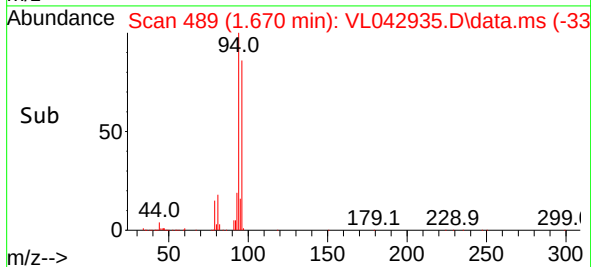
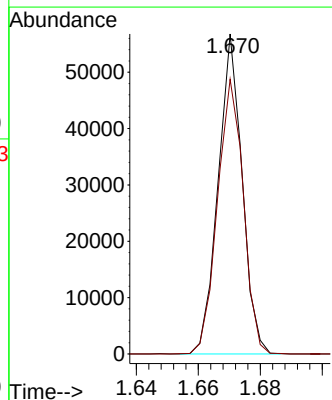
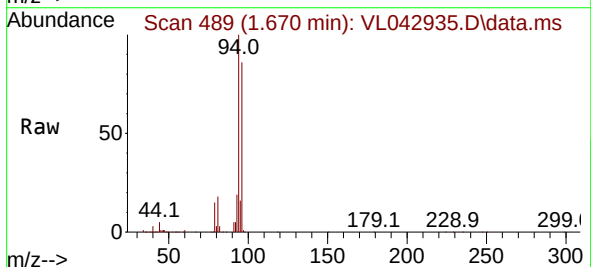
Manual Integrations
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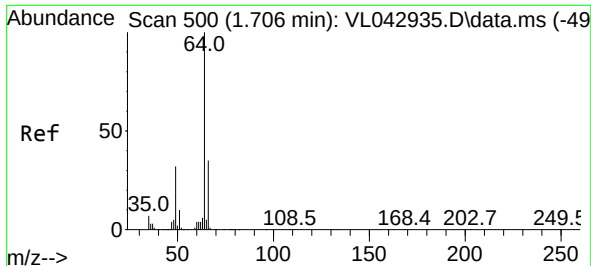
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#6
 Bromomethane
 Concen: 10.105 ppbv
 RT: 1.670 min Scan# 489
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

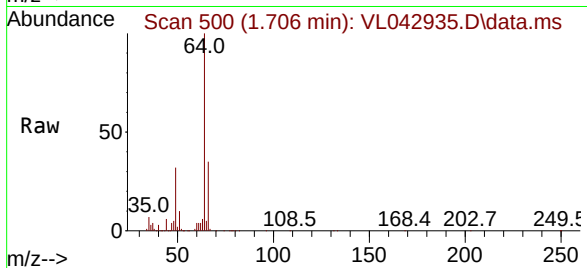
Tgt Ion: 94 Resp: 30537
 Ion Ratio Lower Upper
 94 100
 96 85.8 68.6 103.0





#7
Chloroethane
Concen: 10.079 ppbv
RT: 1.706 min Scan# 500
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

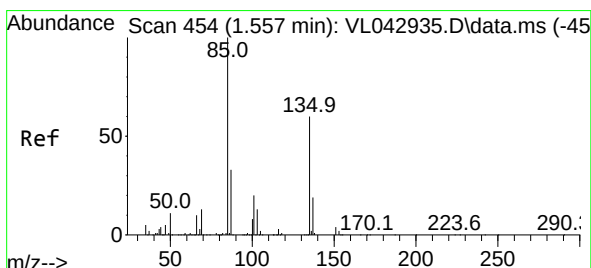
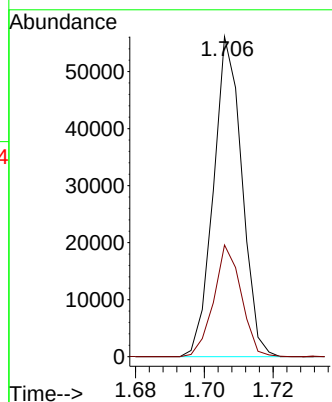
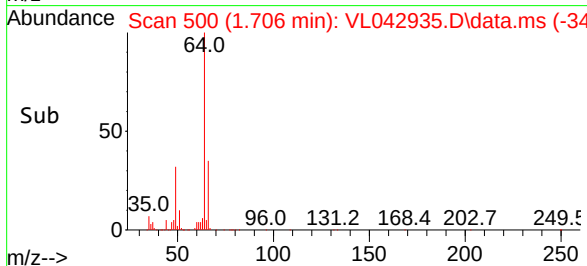
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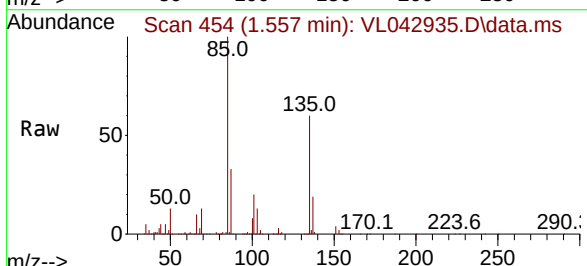
Tgt Ion: 64 Resp: 3228
Ion Ratio Lower Upper
64 100
66 34.9 27.9 41.9

Manual Integrations
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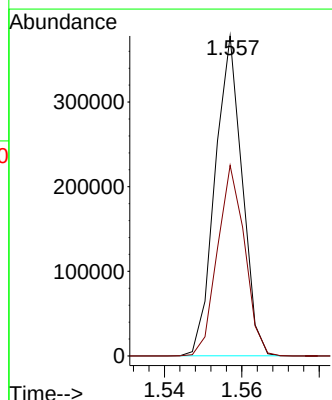
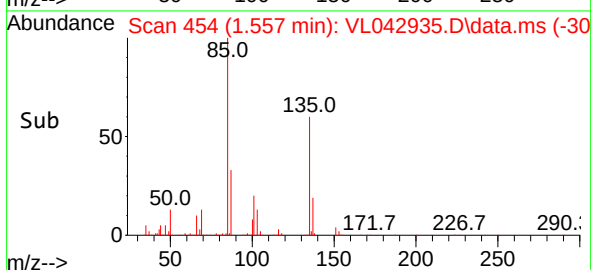
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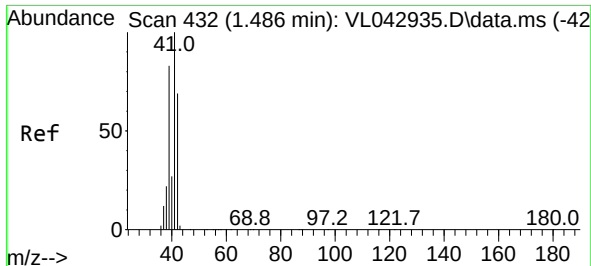


#8
Dichlorotetrafluoroethane
Concen: 10.089 ppbv
RT: 1.557 min Scan# 454
Delta R.T. 0.000 min
Lab File: VL042935.D
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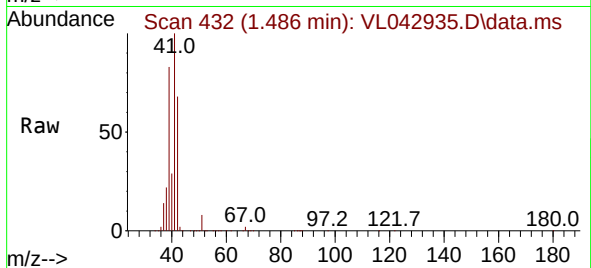
Tgt Ion: 85 Resp: 183602
Ion Ratio Lower Upper
85 100
135 60.1 48.1 72.1





#9
 Propene
 Concen: 9.800 ppbv
 RT: 1.486 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

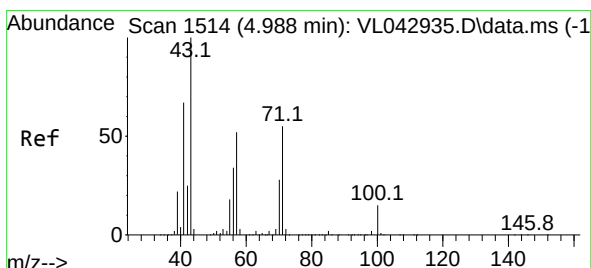
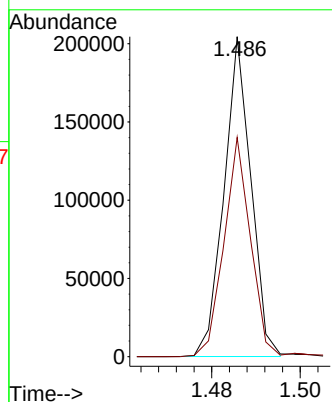
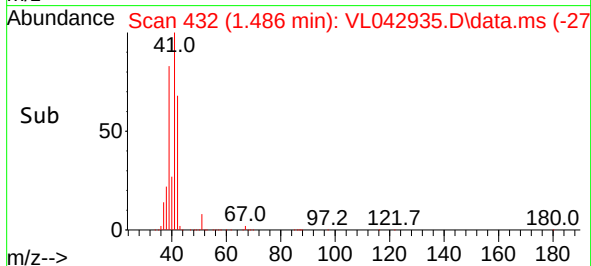
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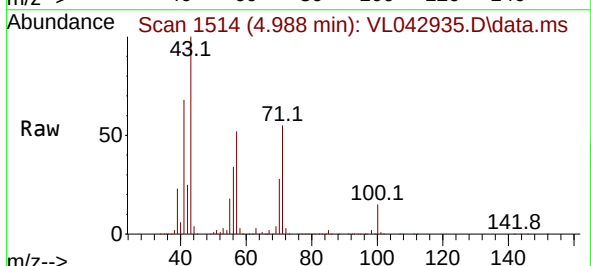
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 Ion Ratio Lower Upper
 41 100
 42 68.7 55.0 82.4

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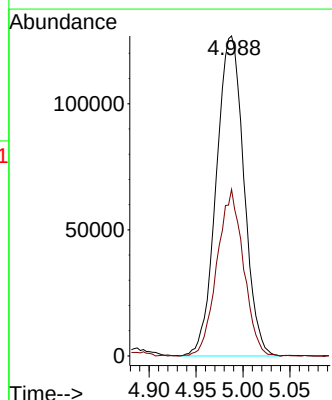
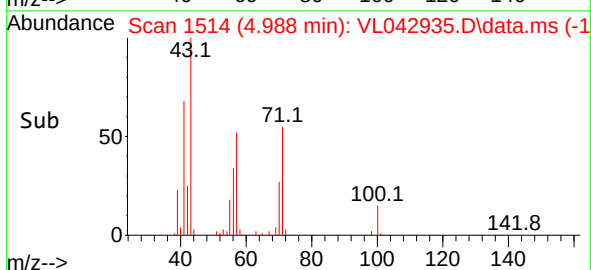
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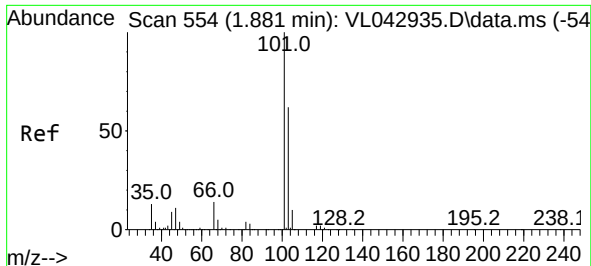


#10
 Heptane
 Concen: 11.872 ppbv
 RT: 4.988 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42



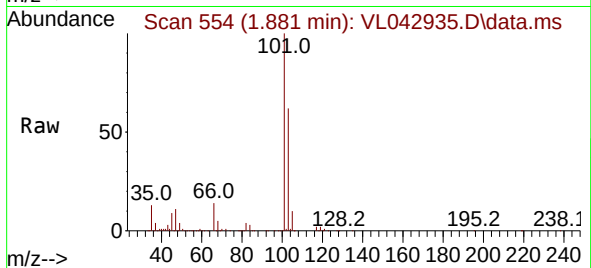
Tgt Ion: 43 Resp: 259422
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 10.128 ppbv
 RT: 1.881 min Scan# 554
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

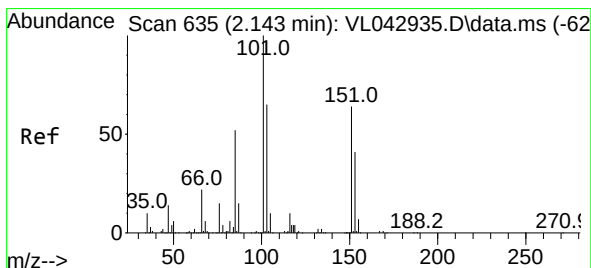
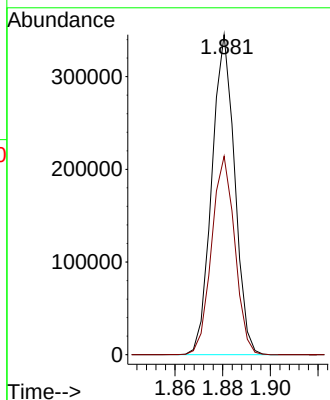
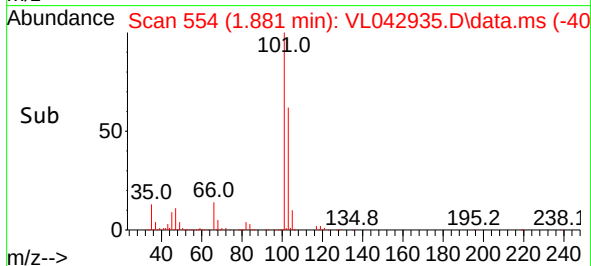
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



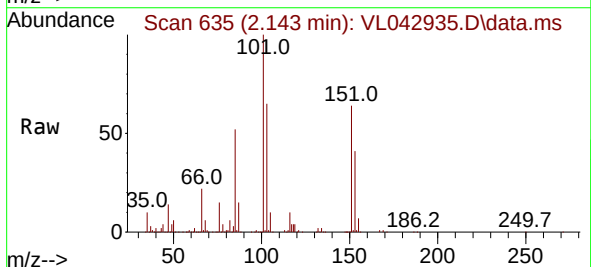
Tgt Ion:101 Resp: 229480
 Ion Ratio Lower Upper
 101 100
 103 62.0 49.6 74.4

Manual Integrations
 APPROVED

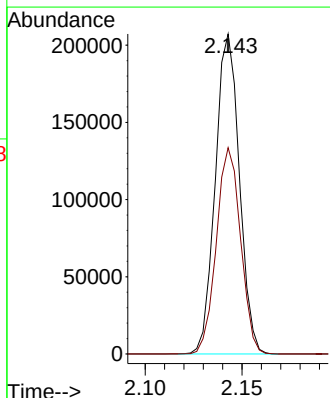
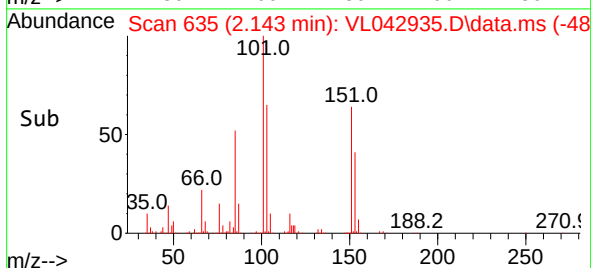
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

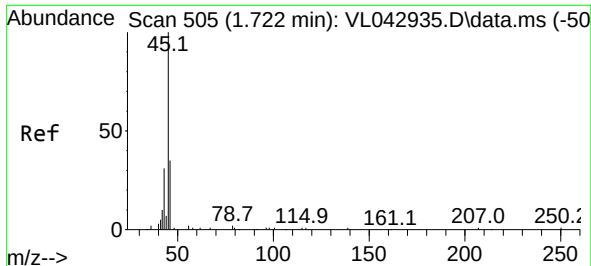


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.100 ppbv
 RT: 2.143 min Scan# 635
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42



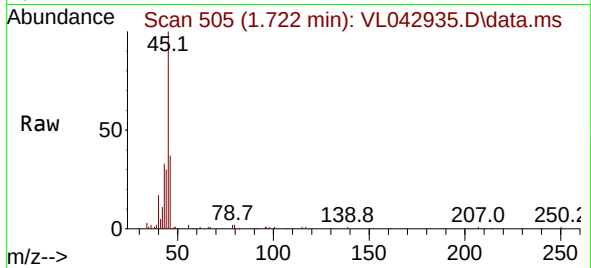
Tgt Ion:101 Resp: 178790
 Ion Ratio Lower Upper
 101 100
 151 64.9 51.9 77.9





#13
Ethanol
Concen: 8.486 ppbv
RT: 1.722 min Scan# 505
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

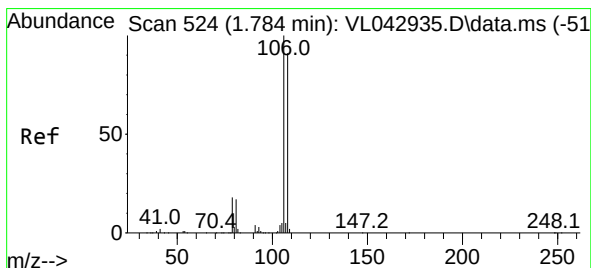
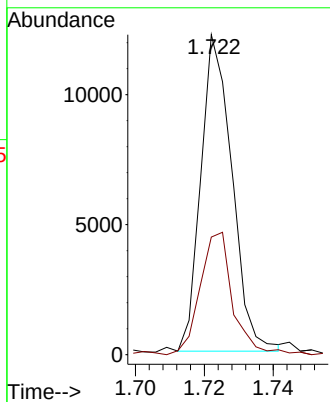
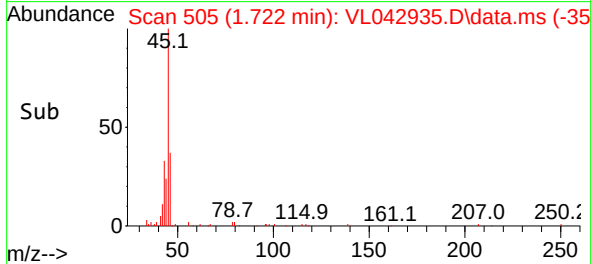
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



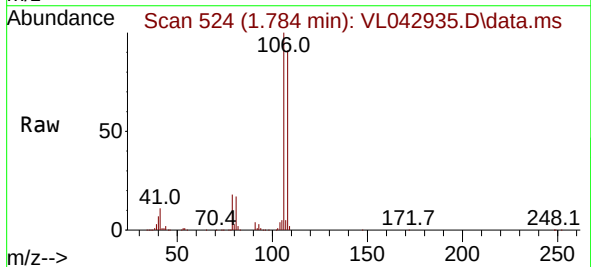
Tgt Ion: 45 Resp: 7630
Ion Ratio Lower Upper
45 100
46 42.8 16.5 66.1

Manual Integrations
APPROVED

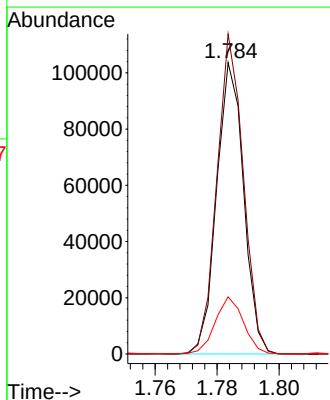
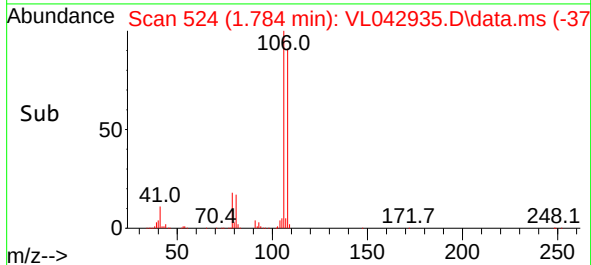
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

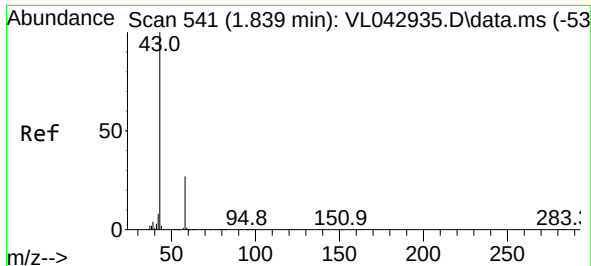


#14
Bromoethene
Concen: 9.949 ppbv
RT: 1.784 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



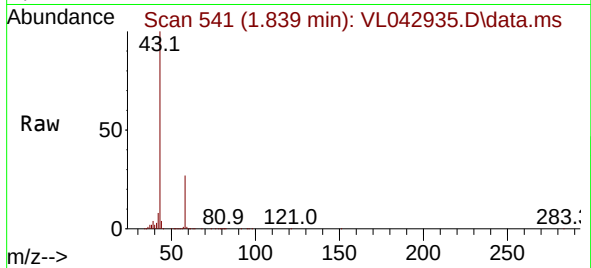
Tgt Ion:108 Resp: 62744
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 21.2 17.2 25.8





#15
Acetone
Concen: 8.724 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

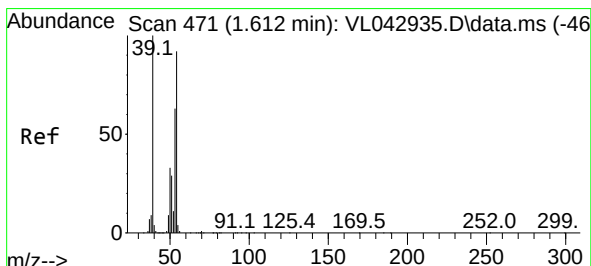
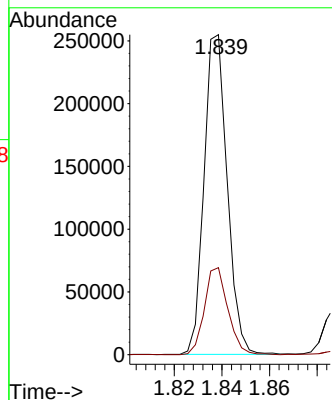
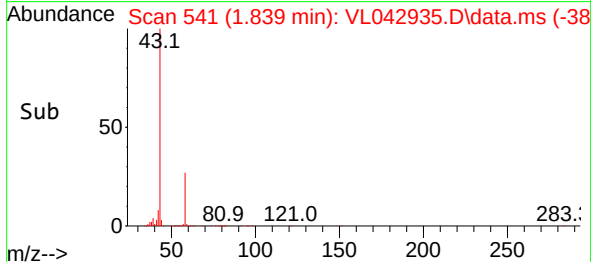
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



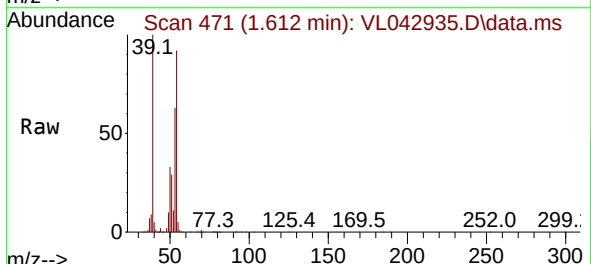
Tgt Ion: 43 Resp: 172060
Ion Ratio Lower Upper
43 100
58 27.5 22.2 33.2

Manual Integrations
APPROVED

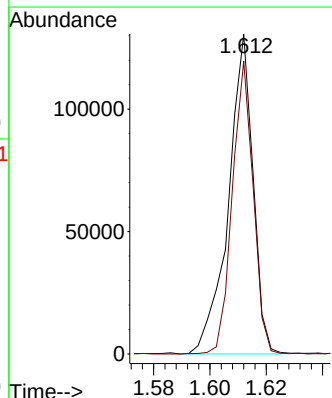
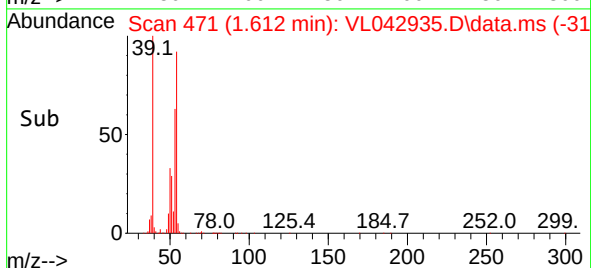
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

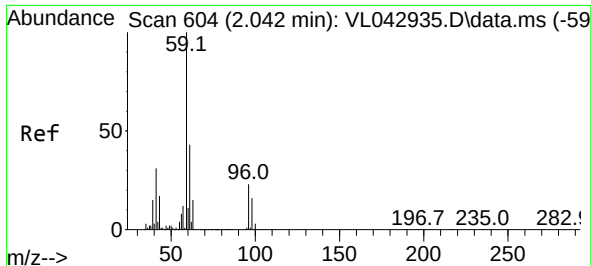


#16
1,3-Butadiene
Concen: 9.624 ppbv
RT: 1.612 min Scan# 471
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



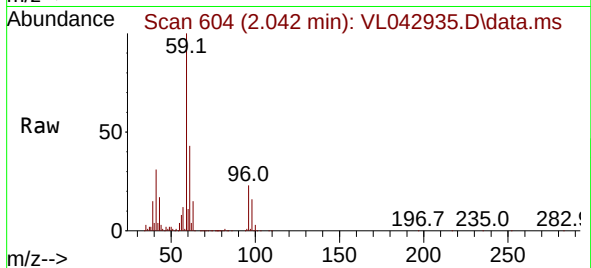
Tgt Ion: 39 Resp: 79400
Ion Ratio Lower Upper
39 100
54 77.6 62.2 93.4





#17
tert-Butyl alcohol
Concen: 9.890 ppbv
RT: 2.042 min Scan# 604
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

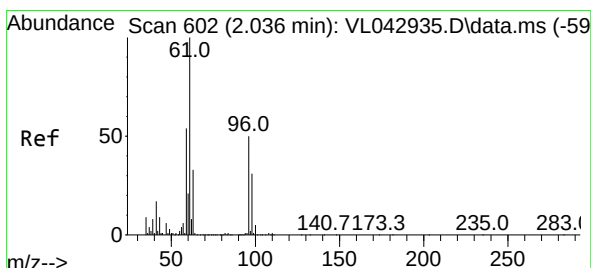
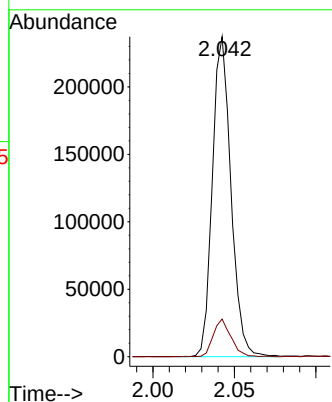
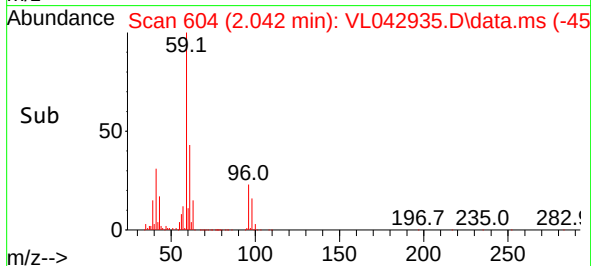
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



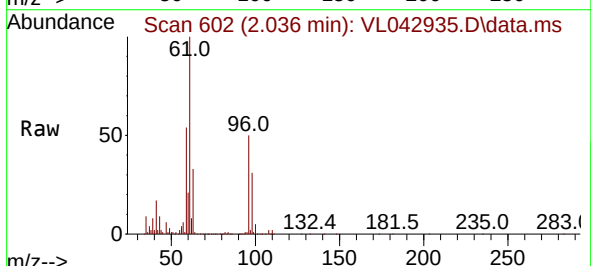
Tgt Ion: 59 Resp: 187824
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.6

Manual Integrations
APPROVED

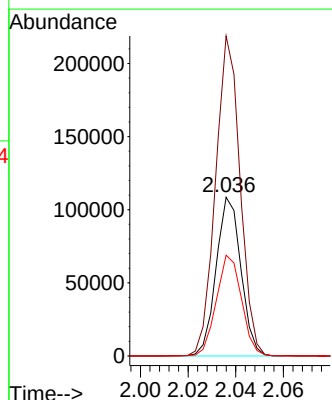
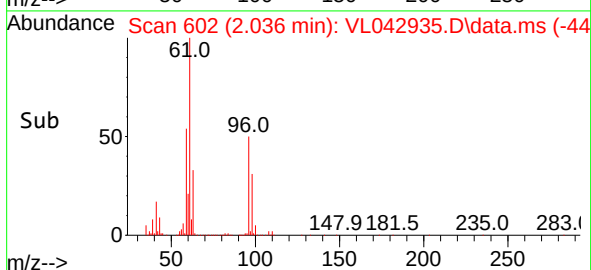
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

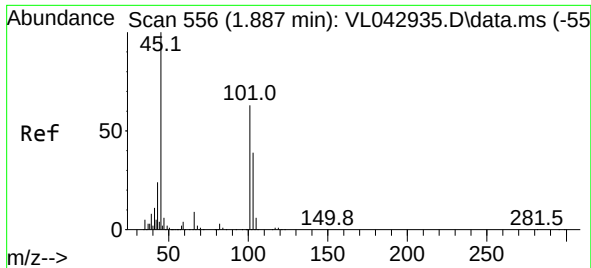


#18
1,1-Dichloroethene
Concen: 10.110 ppbv
RT: 2.036 min Scan# 602
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



Tgt Ion: 96 Resp: 78341
Ion Ratio Lower Upper
96 100
61 201.4 161.1 241.7
98 63.4 50.7 76.1





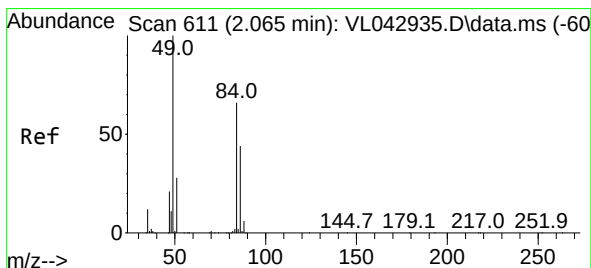
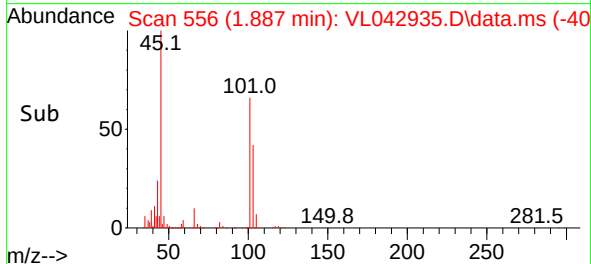
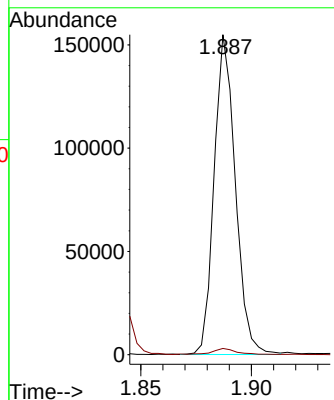
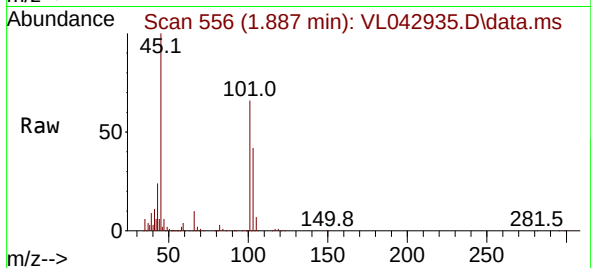
#19
Isopropyl Alcohol
Concen: 9.786 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 45 Resp: 10348
Ion Ratio Lower Upper
45 100
58 2.5 2.0 3.0

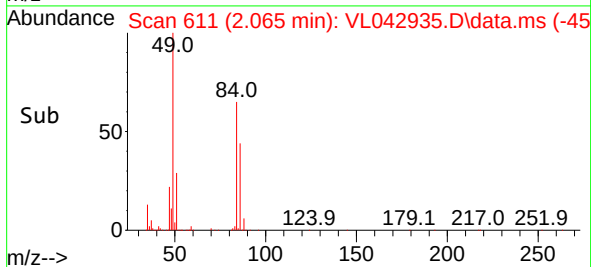
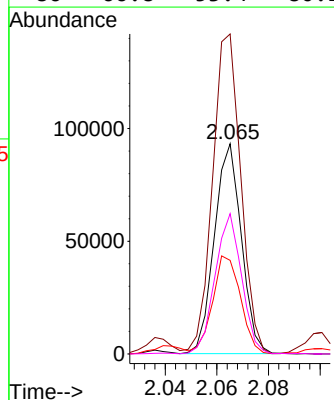
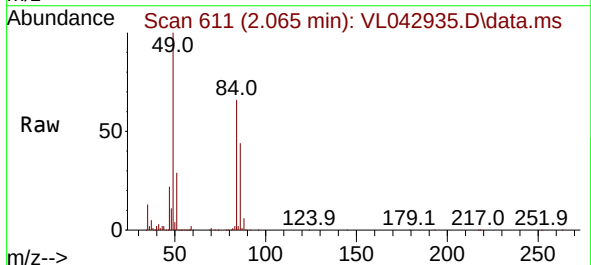
Manual Integrations
APPROVED

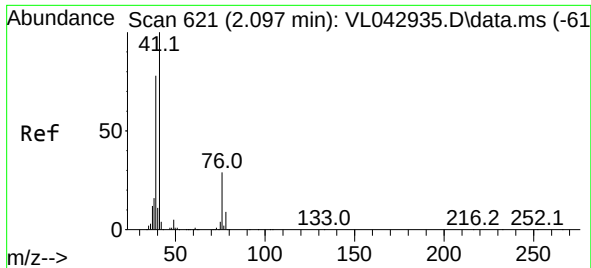
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#20
Methylene Chloride
Concen: 7.882 ppbv
RT: 2.065 min Scan# 611
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion: 84 Resp: 67680
Ion Ratio Lower Upper
84 100
49 152.2 121.8 182.6
51 44.5 35.6 53.4
86 66.8 53.4 80.2





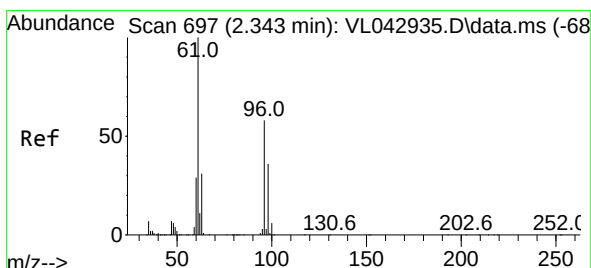
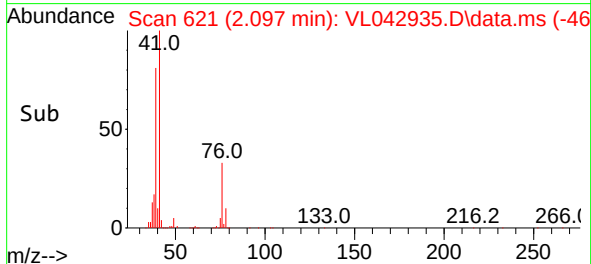
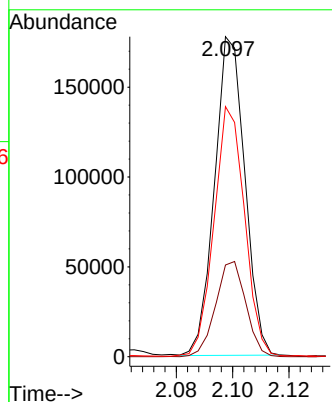
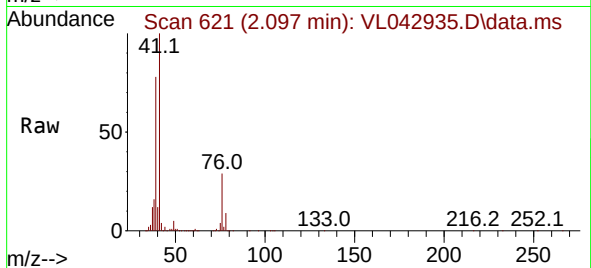
#21
 Allyl Chloride
 Concen: 9.923 ppbv
 RT: 2.097 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 41 Resp: 132660
 Ion Ratio Lower Upper
 41 100
 76 29.8 23.8 35.6
 39 79.2 63.2 94.8

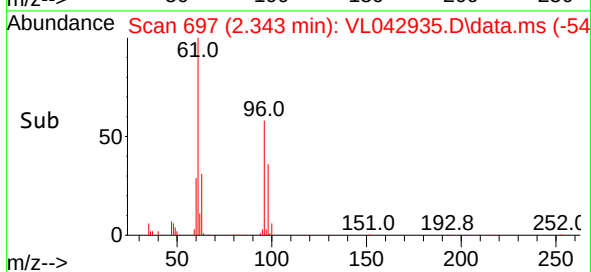
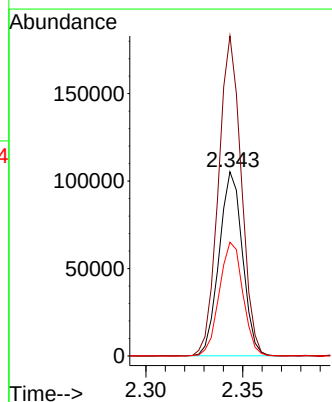
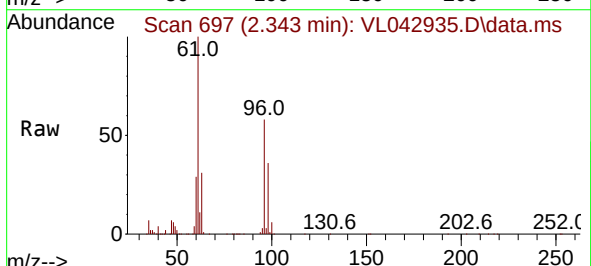
Manual Integrations
 APPROVED

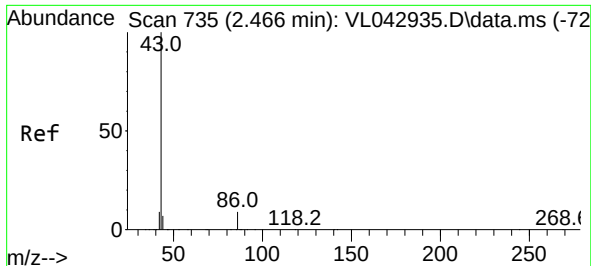
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#22
 trans-1,2-Dichloroethene
 Concen: 10.037 ppbv
 RT: 2.343 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

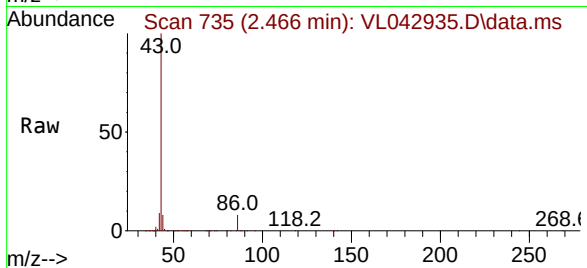
Tgt Ion: 96 Resp: 88151
 Ion Ratio Lower Upper
 96 100
 61 173.8 139.0 208.6
 98 61.8 49.4 74.2





#23
 Vinyl Acetate
 Concen: 10.397 ppbv
 RT: 2.466 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

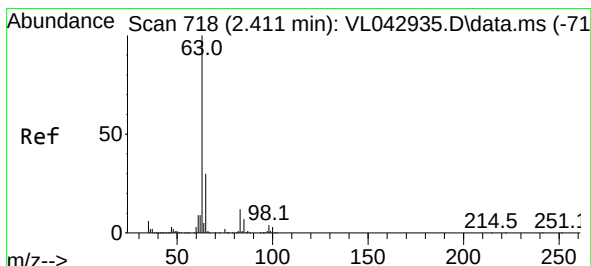
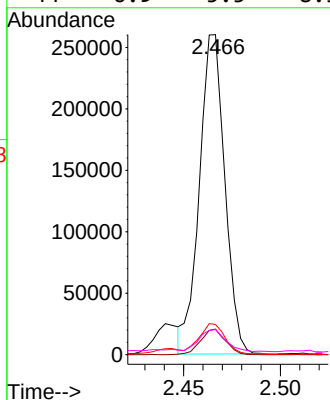
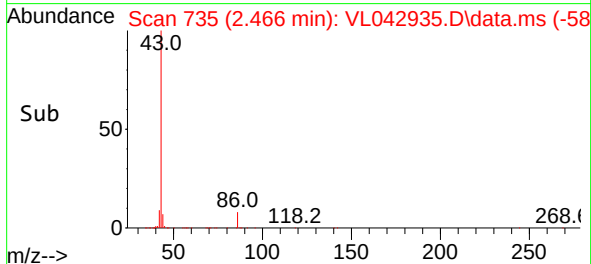
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



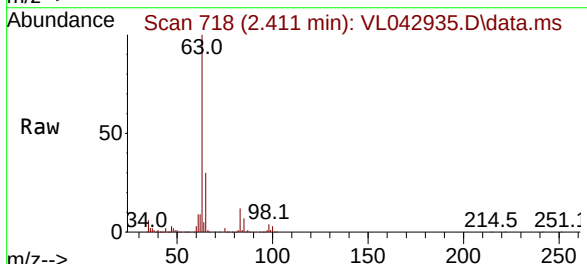
Tgt Ion: 43 Resp: 23825
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.4 9.6
 42 9.4 7.5 11.3
 44 6.9 5.5 8.3

Manual Integrations
 APPROVED

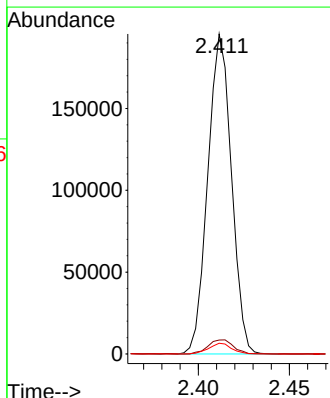
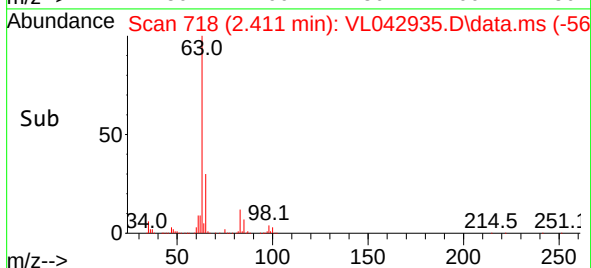
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

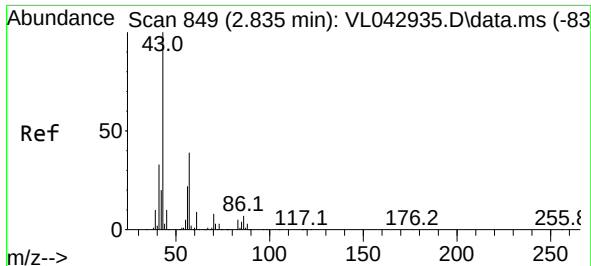


#24
 1,1-Dichloroethane
 Concen: 10.174 ppbv
 RT: 2.411 min Scan# 718
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42



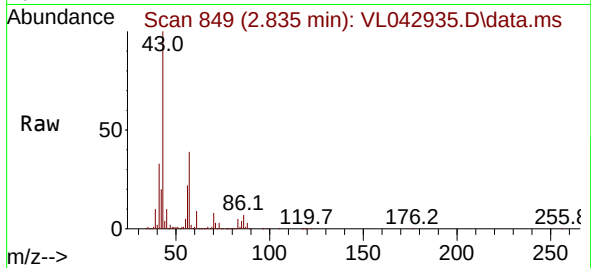
Tgt Ion: 63 Resp: 176500
 Ion Ratio Lower Upper
 63 100
 98 4.4 2.2 6.6
 100 3.4 1.7 5.1





#25
Ethyl Acetate
Concen: 10.811 ppbv
RT: 2.835 min Scan# 849
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

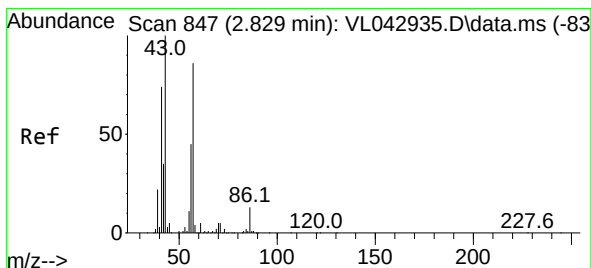
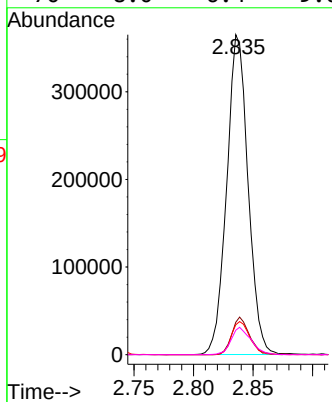
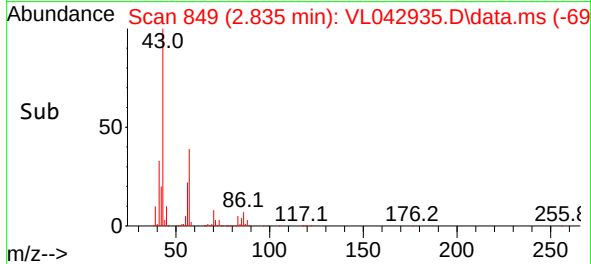
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



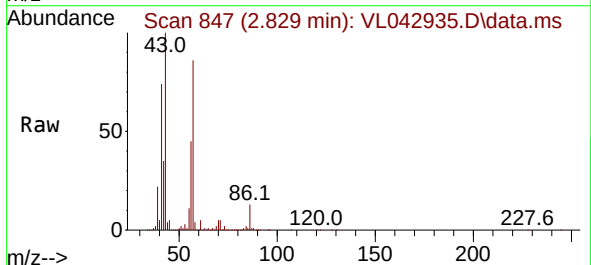
Tgt Ion: 43 Resp: 455318
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.8
61 9.0 7.2 10.8
70 8.0 6.4 9.6

Manual Integrations
APPROVED

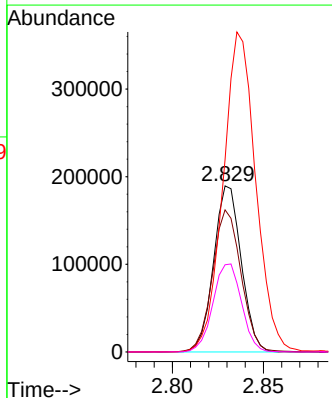
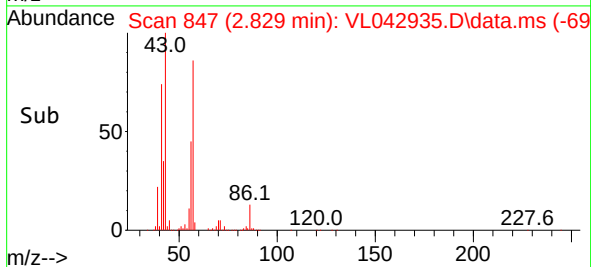
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

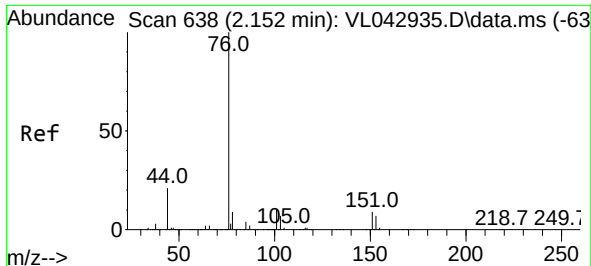


#26
Hexane
Concen: 11.031 ppbv
RT: 2.829 min Scan# 847
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



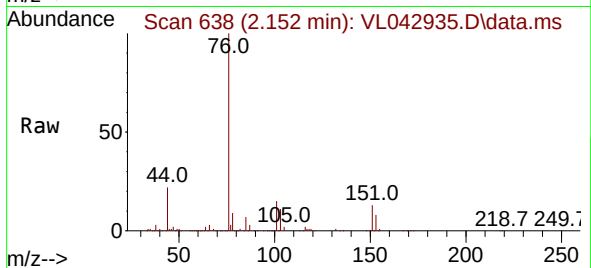
Tgt Ion: 57 Resp: 199382
Ion Ratio Lower Upper
57 100
41 89.2 71.3 106.9
43 229.3 183.9 275.9
56 55.1 44.1 66.1





#27
Carbon Disulfide
Concen: 9.904 ppbv
RT: 2.152 min Scan# 638
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

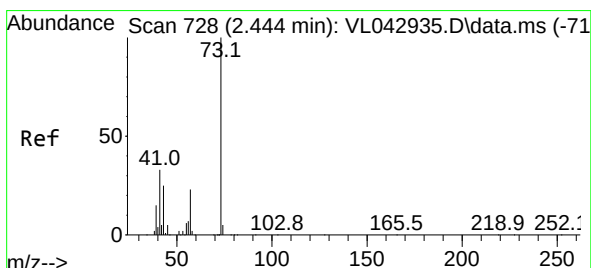
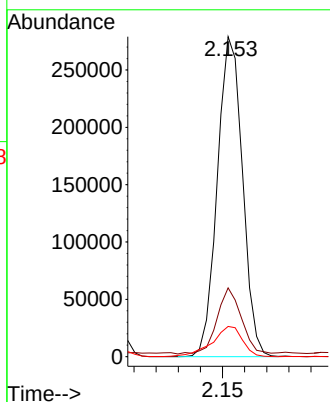
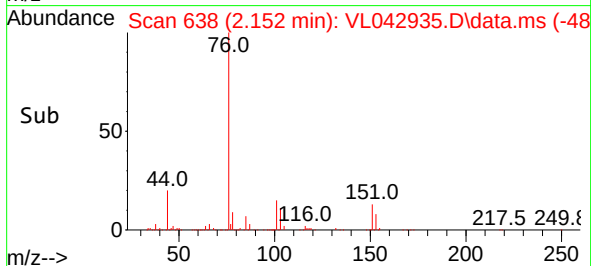
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 22078
Ion Ratio Lower Upper
76 100
44 20.2 15.4 23.0
78 11.5 9.1 13.7

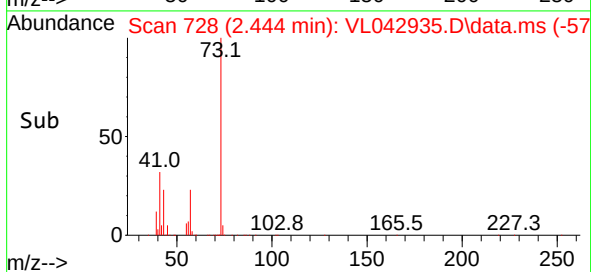
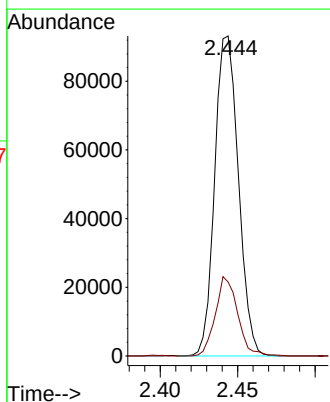
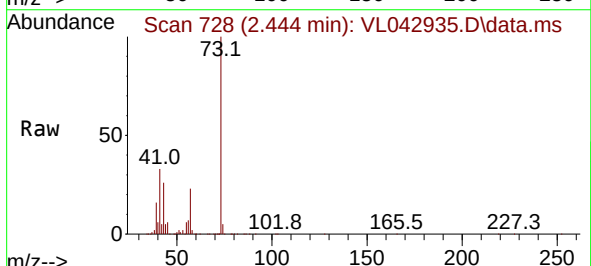
Manual Integrations
APPROVED

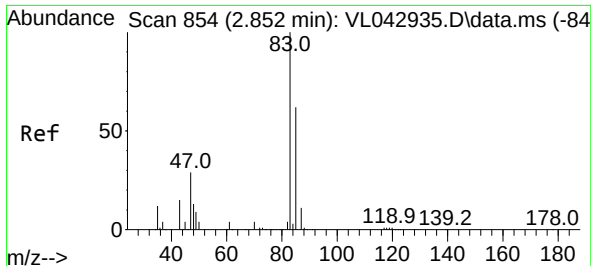
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#28
Methyl tert-Butyl Ether
Concen: 9.982 ppbv
RT: 2.444 min Scan# 728
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion: 73 Resp: 99133
Ion Ratio Lower Upper
73 100
57 23.3 18.6 28.0





#29

Chloroform

Concen: 10.137 ppbv

RT: 2.852 min Scan# 854

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 299464

Ion Ratio Lower Upper

83 100

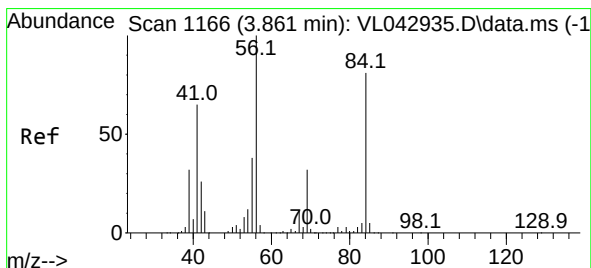
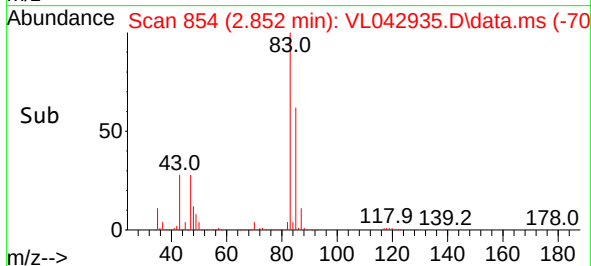
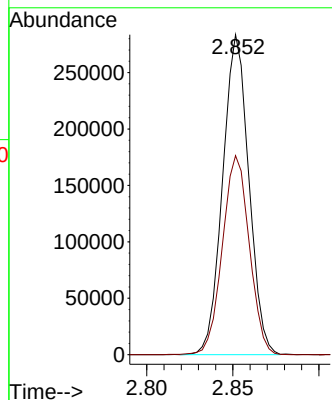
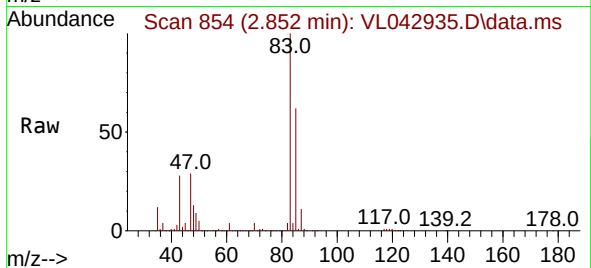
85 62.1 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#30

Cyclohexane

Concen: 11.924 ppbv

RT: 3.861 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

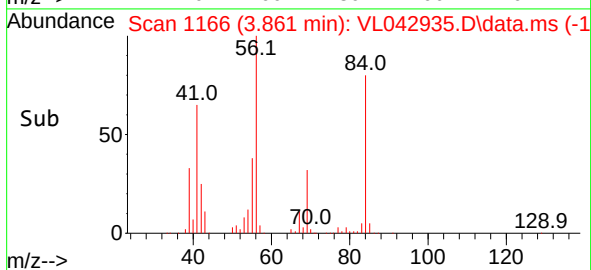
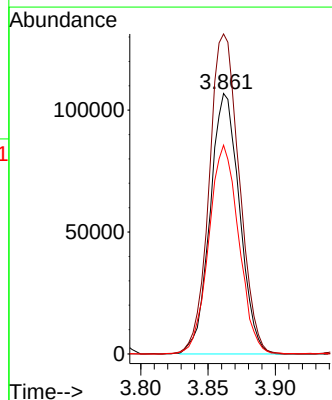
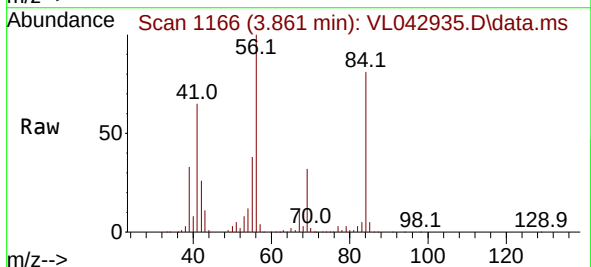
Tgt Ion: 84 Resp: 162355

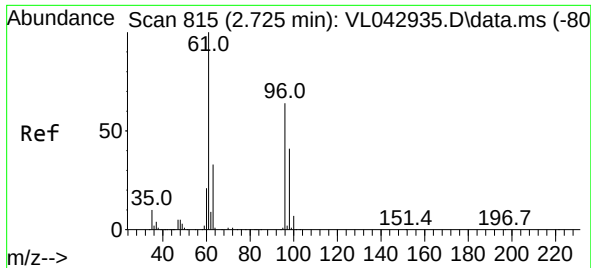
Ion Ratio Lower Upper

84 100

56 125.8 100.6 150.8

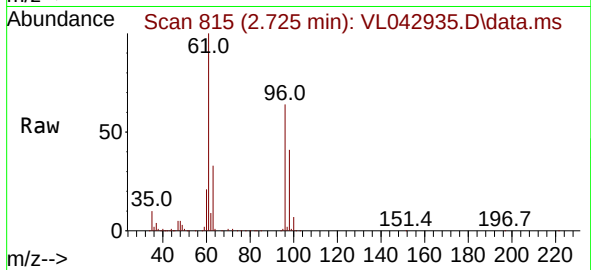
41 81.7 65.4 98.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.459 ppbv
 RT: 2.725 min Scan# 815
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

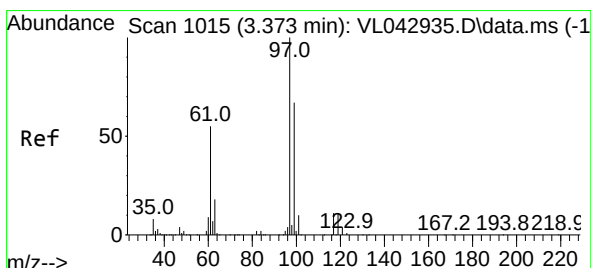
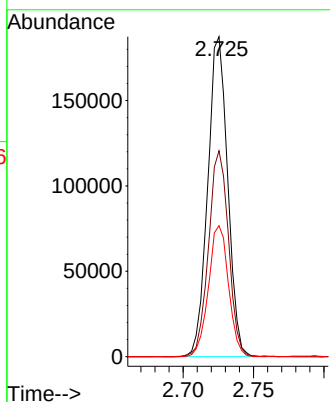
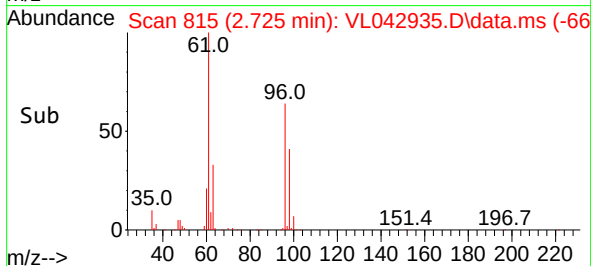
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



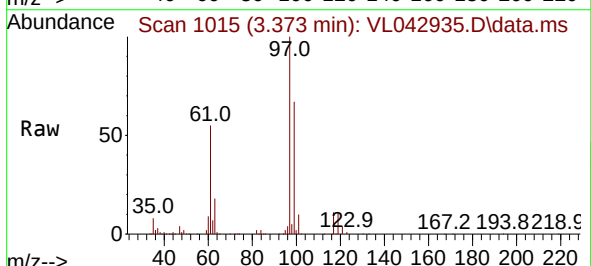
Tgt Ion: 61 Resp: 184560
 Ion Ratio Lower Upper
 61 100
 96 64.3 51.4 77.2
 98 41.0 32.8 49.2

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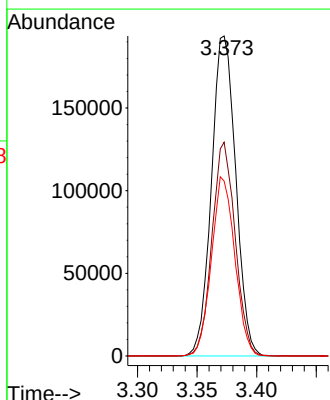
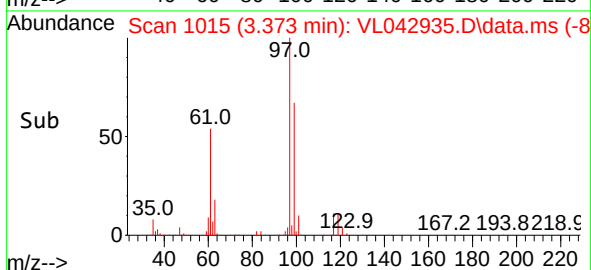
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

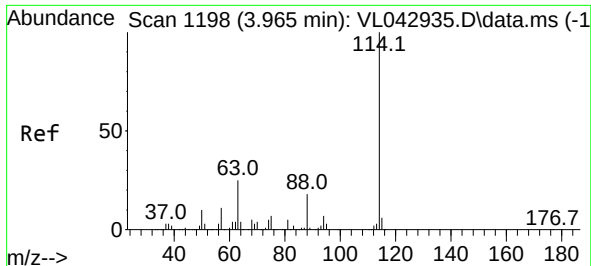


#32
 1,1,1-Trichloroethane
 Concen: 9.926 ppbv
 RT: 3.373 min Scan# 1015
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42



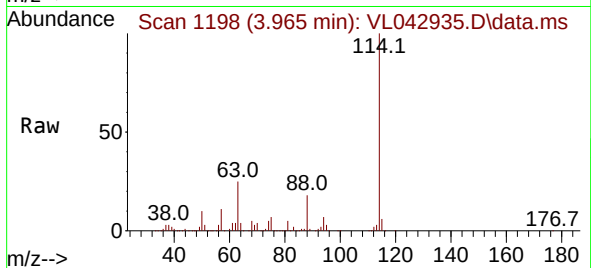
Tgt Ion: 97 Resp: 274368
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 54.0 43.2 64.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

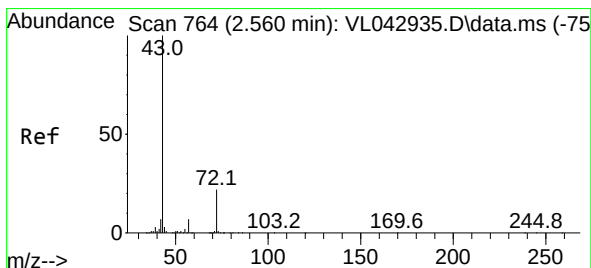
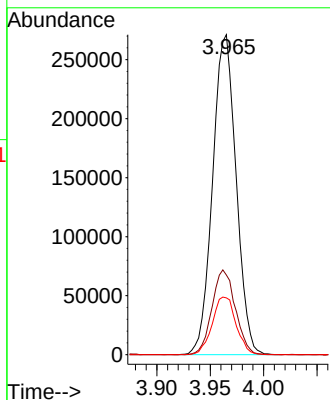
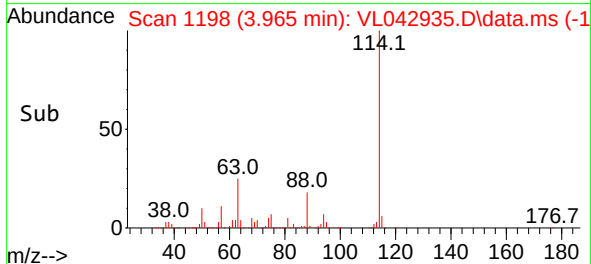
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:114 Resp: 415318
Ion Ratio Lower Upper
114 100
63 26.3 21.1 31.7
88 18.3 14.6 22.0

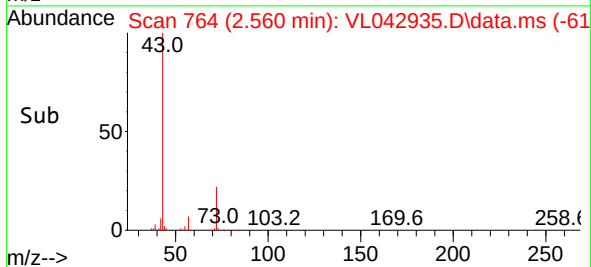
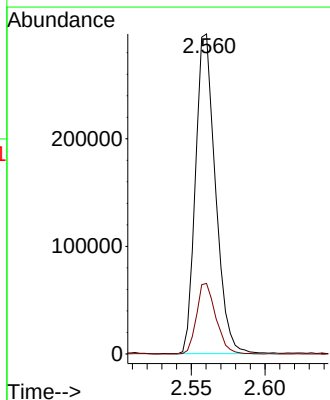
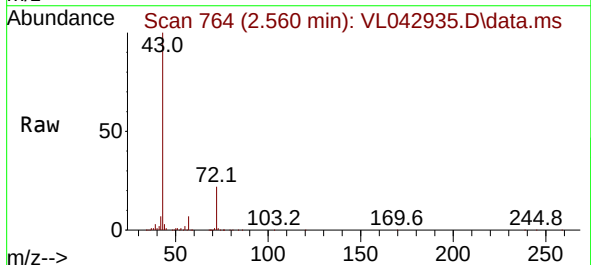
Manual Integrations
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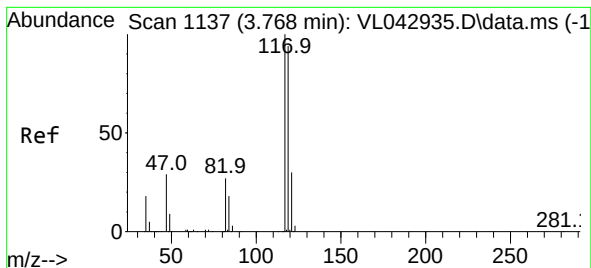
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#34
2-Butanone
Concen: 10.402 ppbv
RT: 2.560 min Scan# 764
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion: 43 Resp: 280052
Ion Ratio Lower Upper
43 100
72 21.5 17.2 25.8





#35

Carbon Tetrachloride

Concen: 9.724 ppbv

RT: 3.768 min Scan# 1137

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

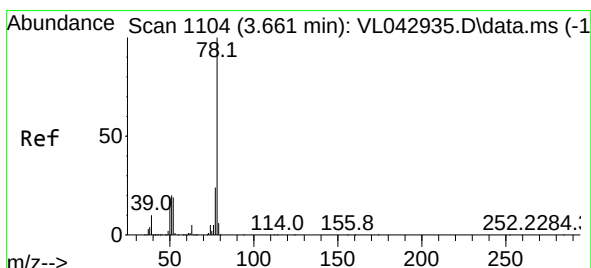
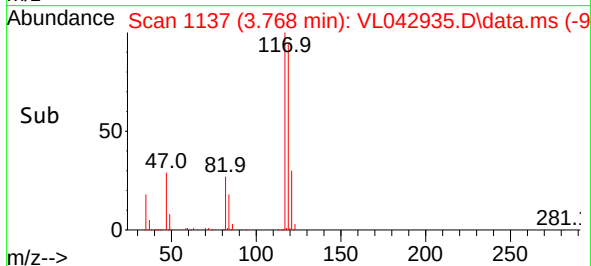
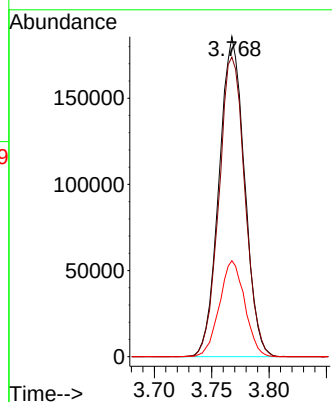
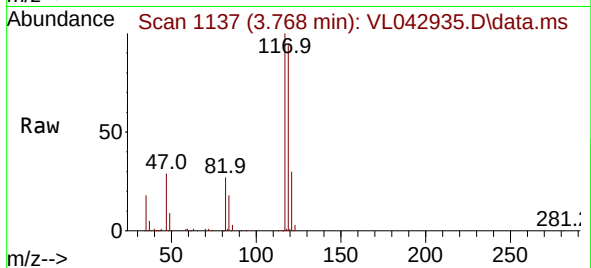
Tgt Ion: 117 Resp: 28707

Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.9	112.3
121	30.0	24.0	36.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#36

Benzene

Concen: 10.588 ppbv

RT: 3.661 min Scan# 1104

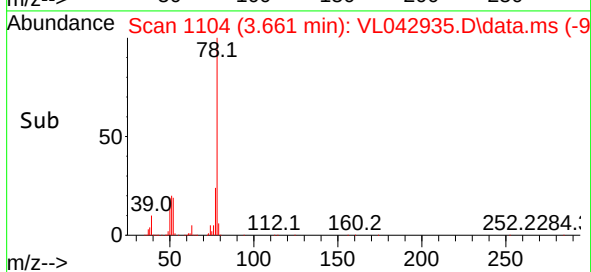
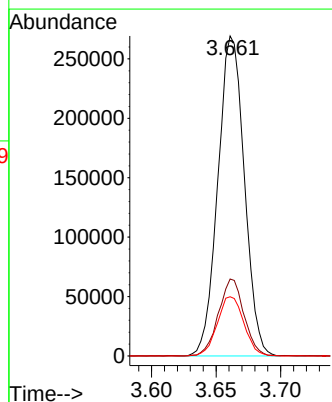
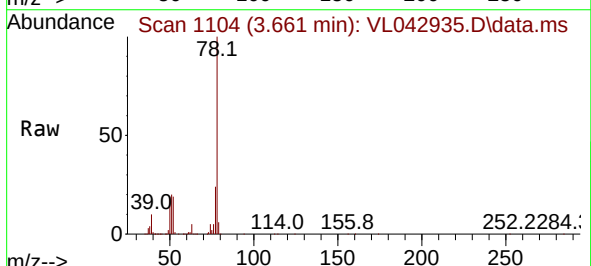
Delta R.T. 0.000 min

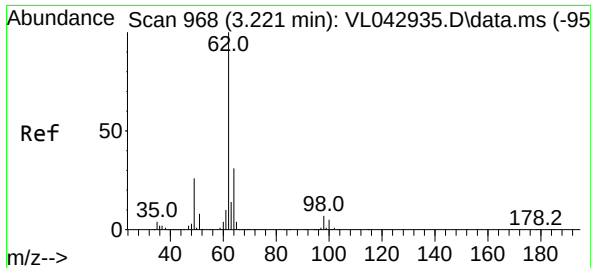
Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Tgt Ion: 78 Resp: 383581

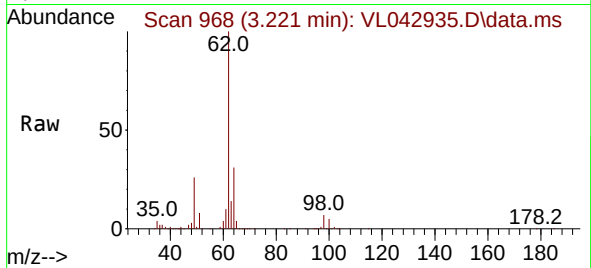
Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.2	28.8
50	18.5	14.8	22.2





#37
1,2-Dichloroethane
Concen: 10.091 ppbv
RT: 3.221 min Scan# 968
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

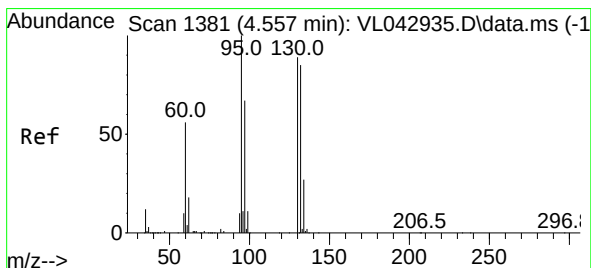
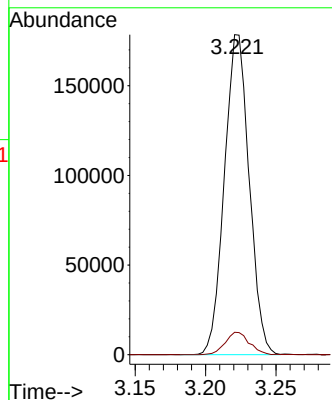
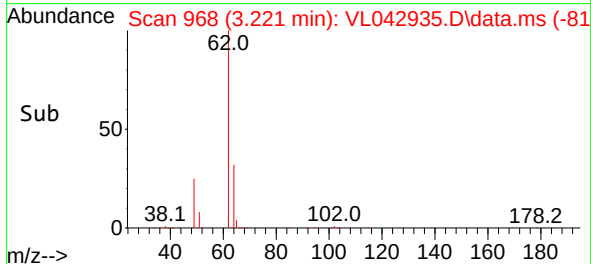
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



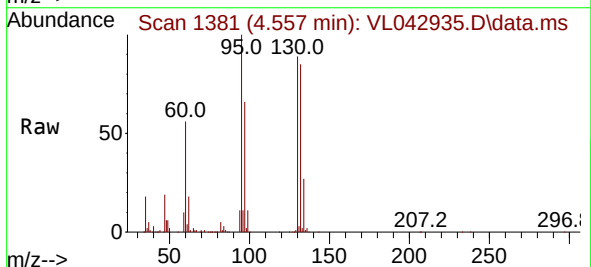
Tgt Ion: 62 Resp: 218944
Ion Ratio Lower Upper
62 100
98 6.9 5.5 8.3

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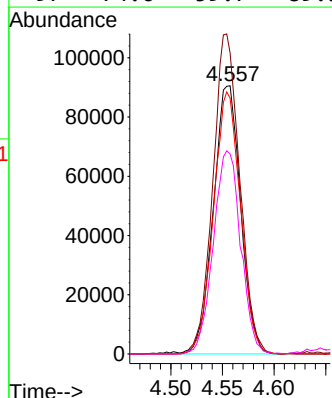
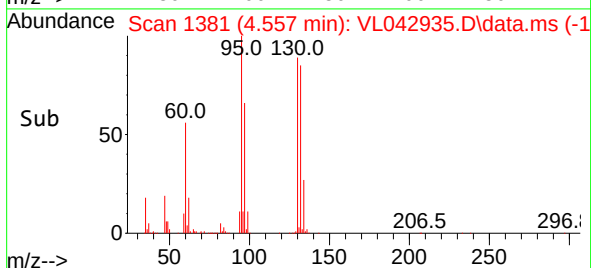
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

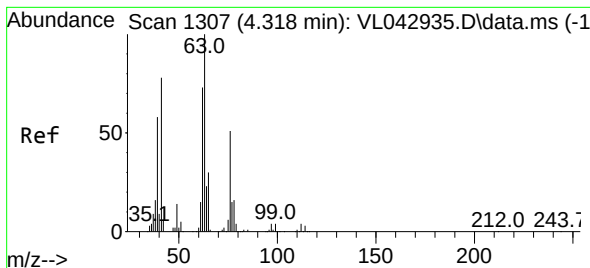


#38
Trichloroethene
Concen: 10.176 ppbv
RT: 4.557 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



Tgt Ion:130 Resp: 166868
Ion Ratio Lower Upper
130 100
95 112.2 89.8 134.6
132 95.4 76.3 114.5
97 74.6 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.139 ppbv

RT: 4.318 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

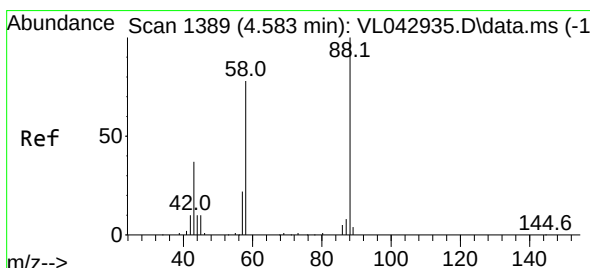
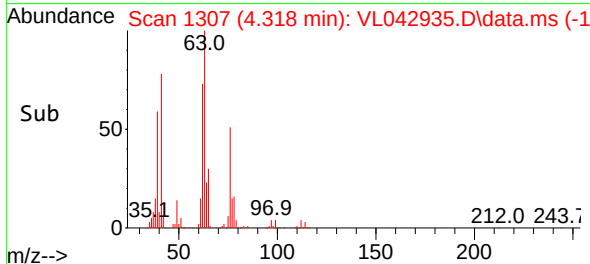
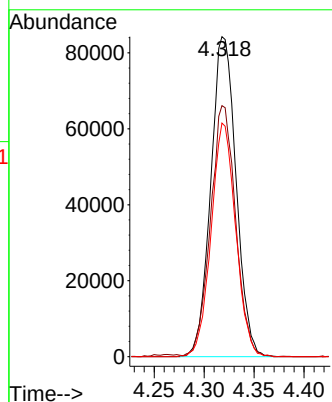
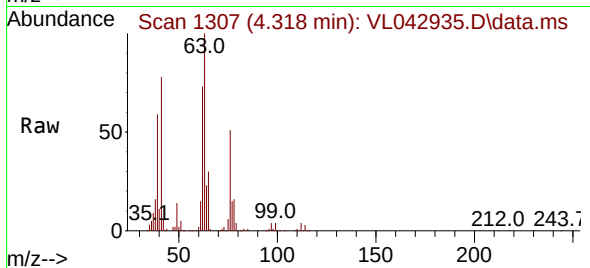
VSTDICCC010

Tgt Ion: 63	Resp: 14841
Ion Ratio	Lower Upper
63 100	
41 78.4	62.7 94.1
62 73.0	58.4 87.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#40

1,4-Dioxane

Concen: 11.733 ppbv

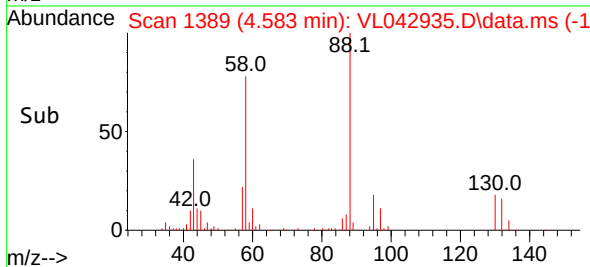
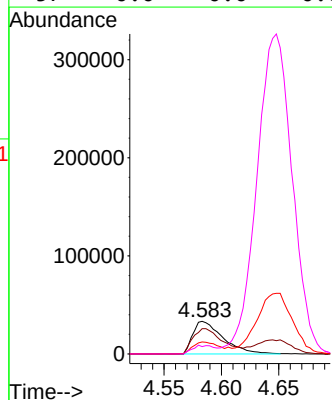
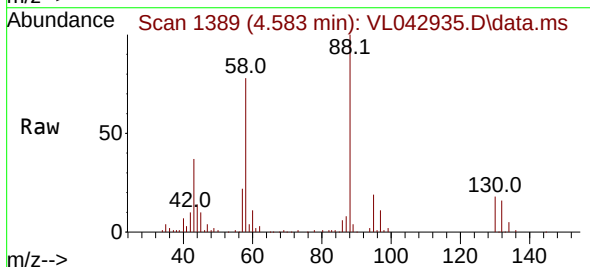
RT: 4.583 min Scan# 1389

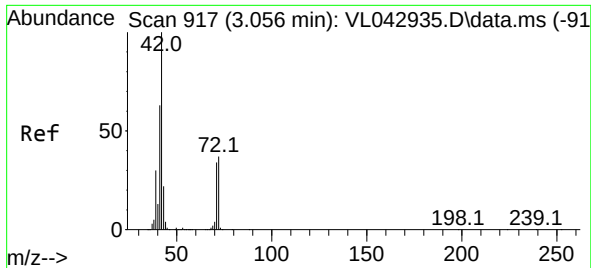
Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

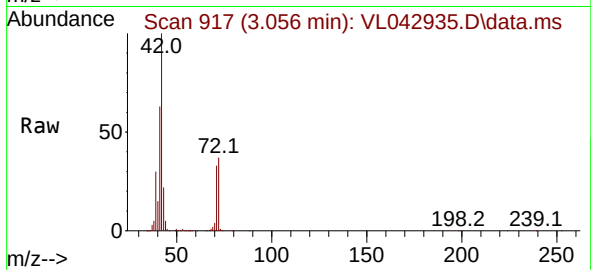
Tgt Ion: 88	Resp: 60929
Ion Ratio	Lower Upper
88 100	
58 76.9	61.5 92.3
43 35.4	28.3 42.5
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 11.375 ppbv
RT: 3.056 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

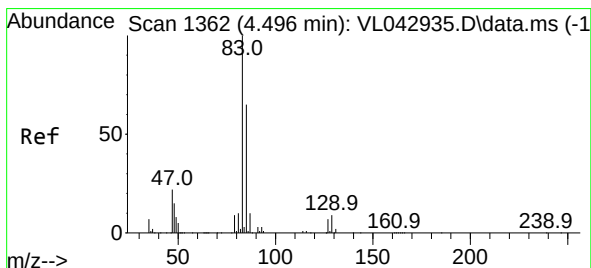
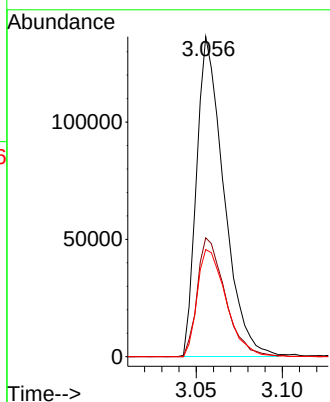
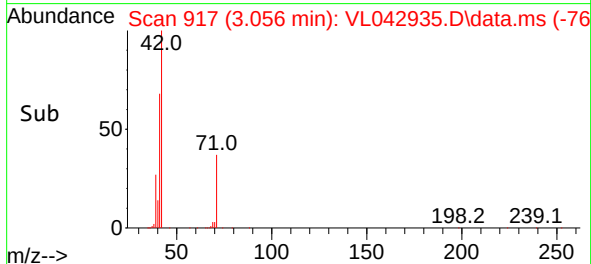
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



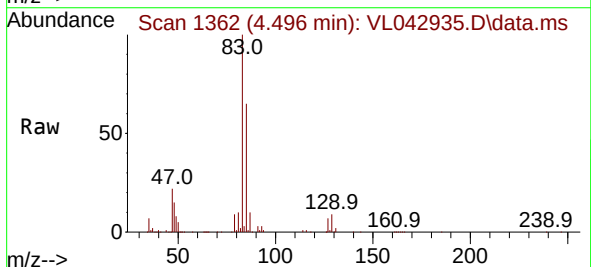
Tgt Ion: 42 Resp: 15056
Ion Ratio Lower Upper
42 100
72 38.0 30.4 45.6
71 35.4 28.3 42.5

Manual Integrations
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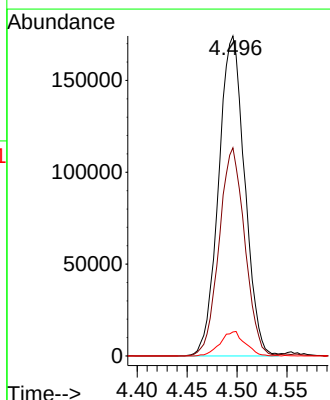
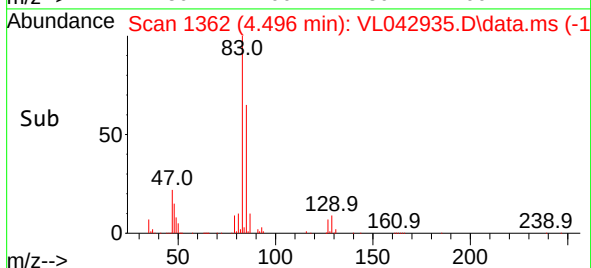
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

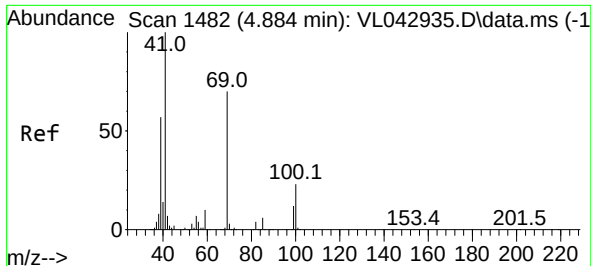


#42
Bromodichloromethane
Concen: 10.165 ppbv
RT: 4.496 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



Tgt Ion: 83 Resp: 316501
Ion Ratio Lower Upper
83 100
85 65.1 52.1 78.1
127 7.5 6.0 9.0





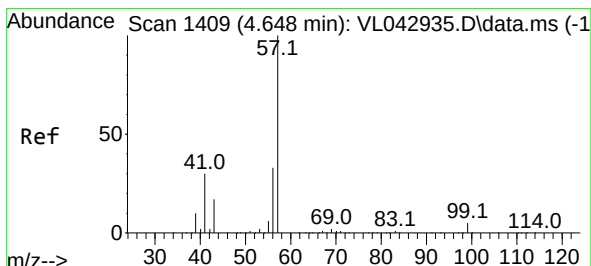
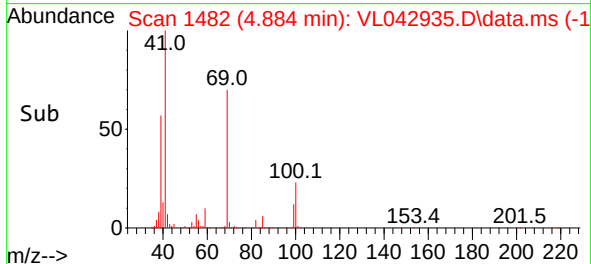
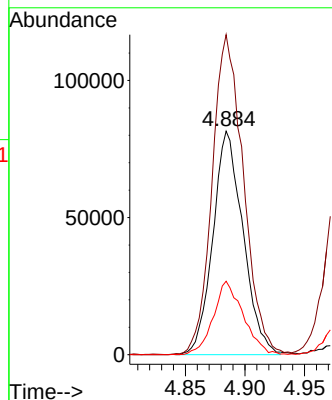
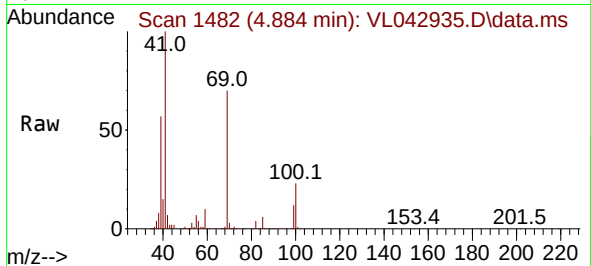
#43
Methyl Methacrylate
Concen: 11.807 ppbv
RT: 4.884 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 69 Resp: 14345
Ion Ratio Lower Upper
69 100
41 148.9 118.6 178.0
100 32.7 26.2 39.4

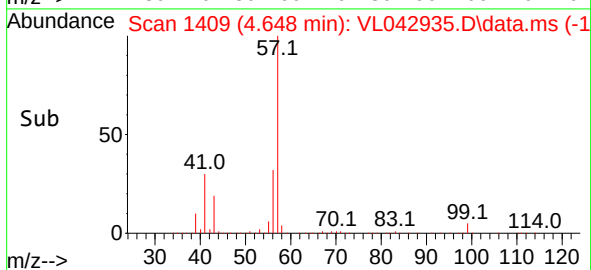
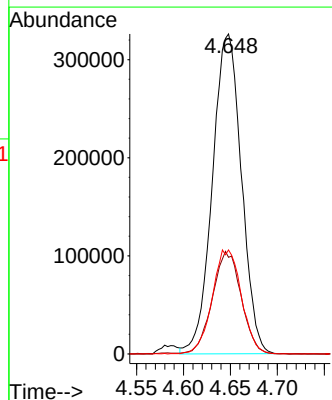
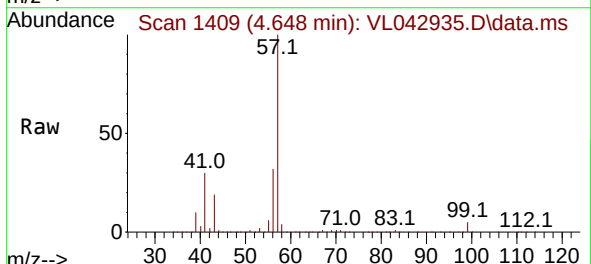
Manual Integrations
APPROVED

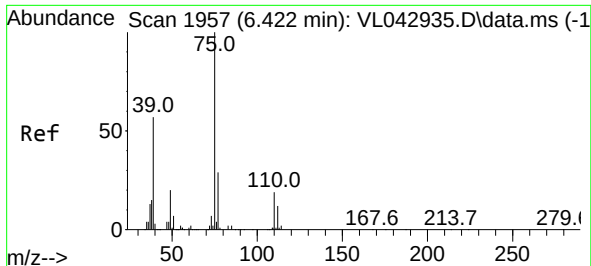
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#44
2,2,4-Trimethylpentane
Concen: 11.595 ppbv
RT: 4.648 min Scan# 1409
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion: 57 Resp: 700623
Ion Ratio Lower Upper
57 100
41 32.2 25.8 38.6
56 32.8 26.2 39.4





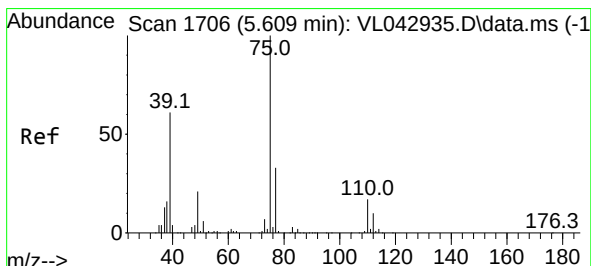
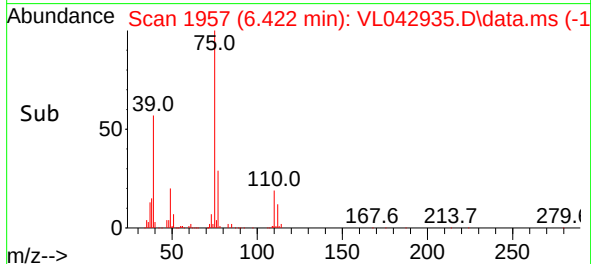
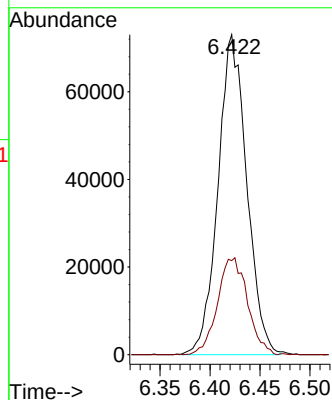
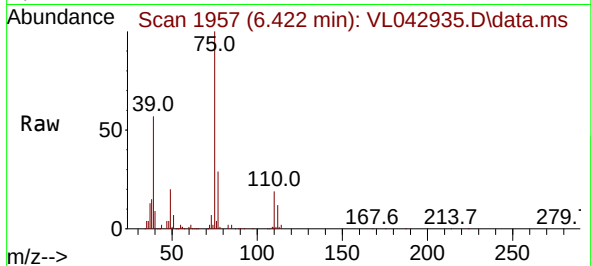
#45
 t-1,3-Dichloropropene
 Concen: 11.424 ppbv
 RT: 6.422 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 14610
 Ion Ratio Lower Upper
 75 100
 77 29.4 23.5 35.3

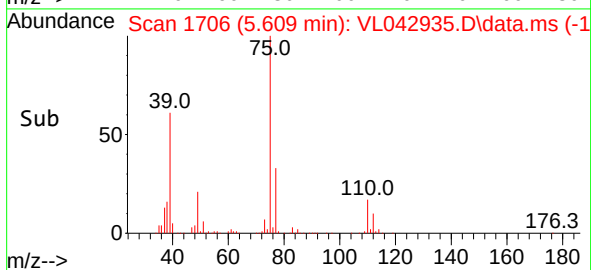
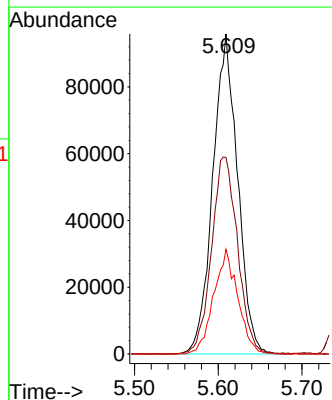
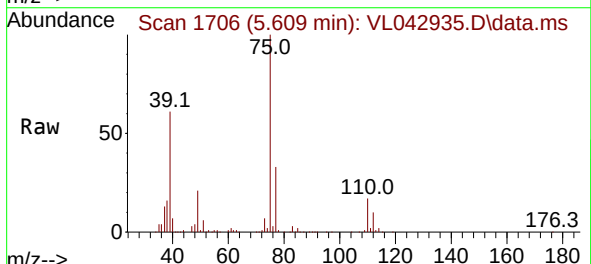
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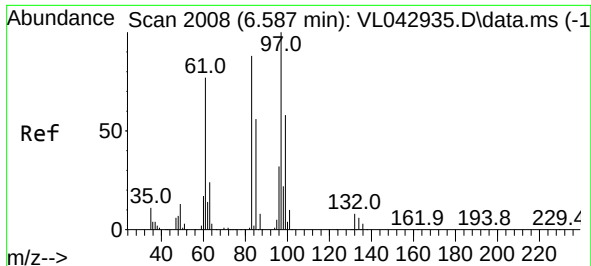
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#46
 cis-1,3-Dichloropropene
 Concen: 11.174 ppbv
 RT: 5.609 min Scan# 1706
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

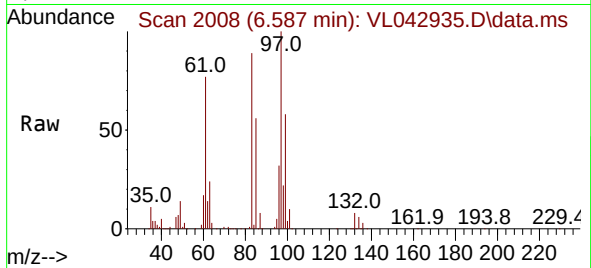
Tgt Ion: 75 Resp: 197003
 Ion Ratio Lower Upper
 75 100
 39 61.2 49.0 73.4
 77 32.7 26.2 39.2





#47
 1,1,2-Trichloroethane
 Concen: 10.453 ppbv
 RT: 6.587 min Scan# 2008
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

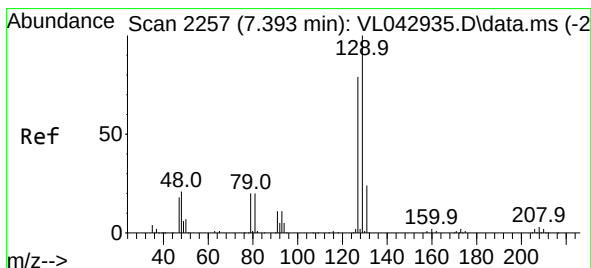
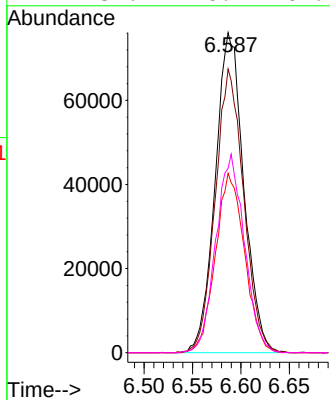
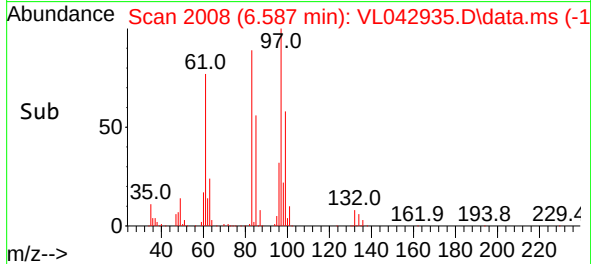
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 97 Resp: 15604
 Ion Ratio Lower Upper
 97 100
 83 88.3 70.6 106.0
 85 56.1 44.9 67.3
 99 57.7 46.2 69.2

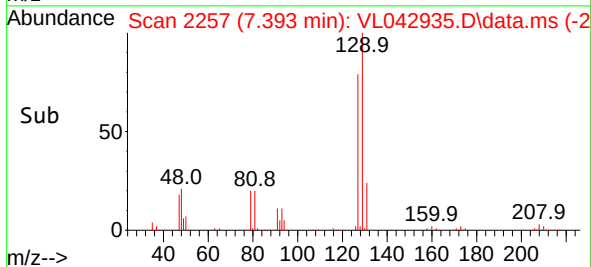
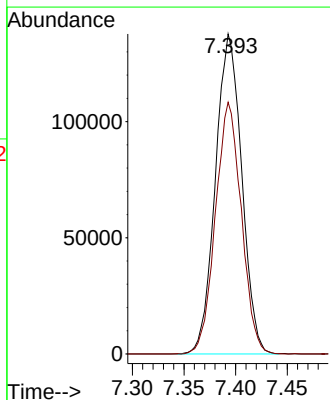
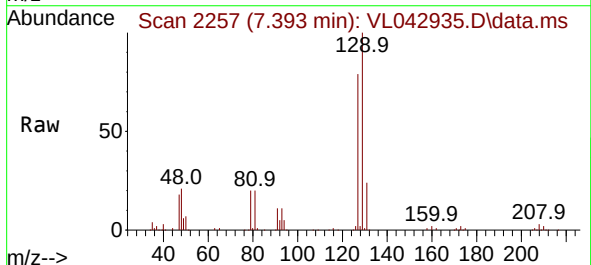
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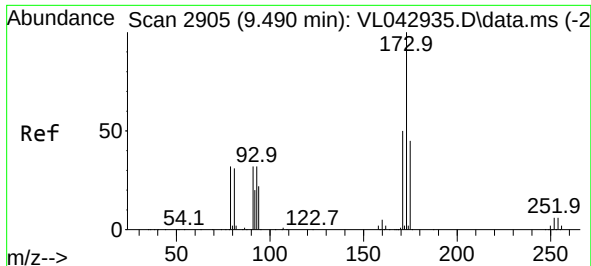
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#48
 Dibromochloromethane
 Concen: 10.447 ppbv
 RT: 7.393 min Scan# 2257
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

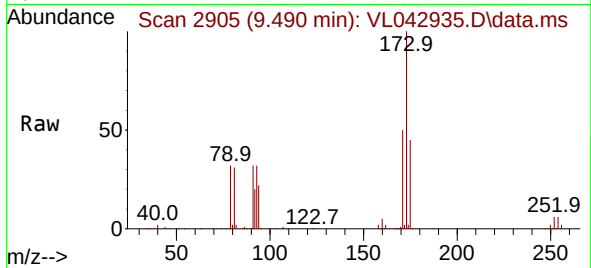
Tgt Ion:129 Resp: 244251
 Ion Ratio Lower Upper
 129 100
 127 77.5 38.8 116.3





#49
Bromoform
Concen: 10.747 ppbv
RT: 9.490 min Scan# 2905
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

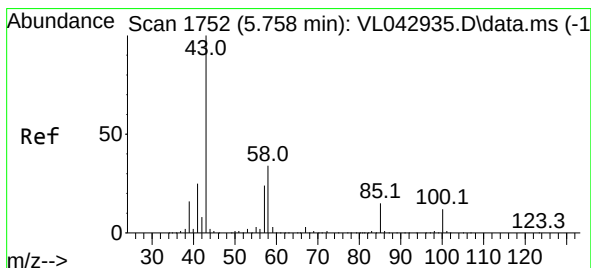
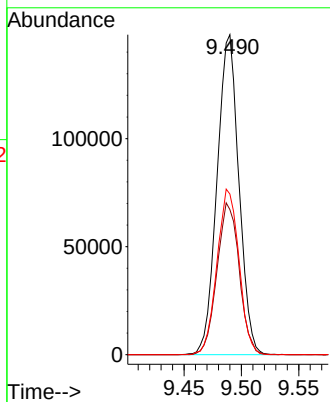
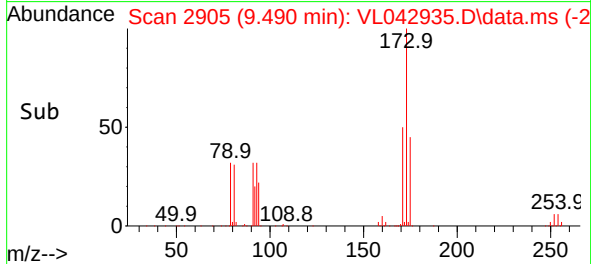
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:173 Resp: 196118
Ion Ratio Lower Upper
173 100
175 48.3 38.6 58.0
171 52.1 41.7 62.5

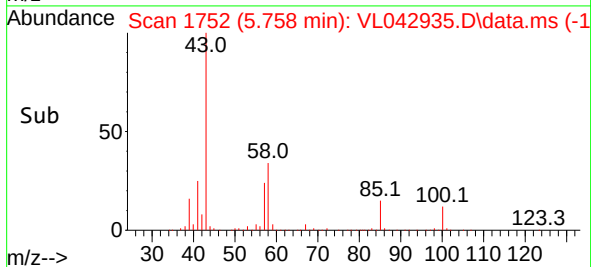
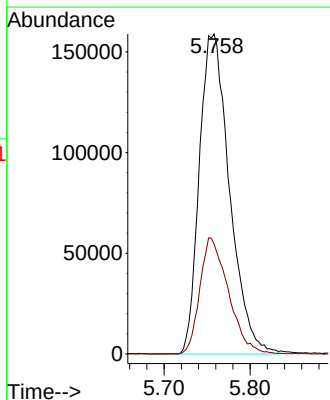
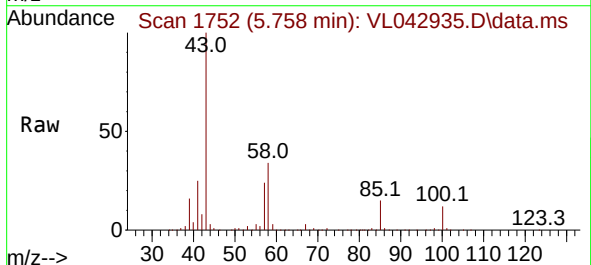
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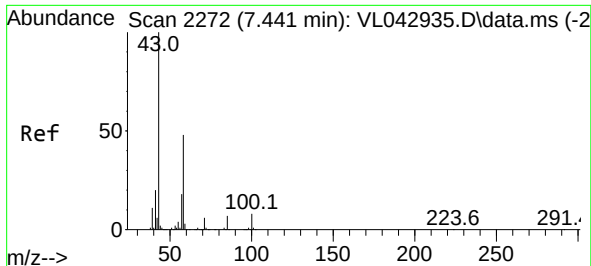
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#50
4-Methyl-2-Pentanone
Concen: 12.080 ppbv
RT: 5.758 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

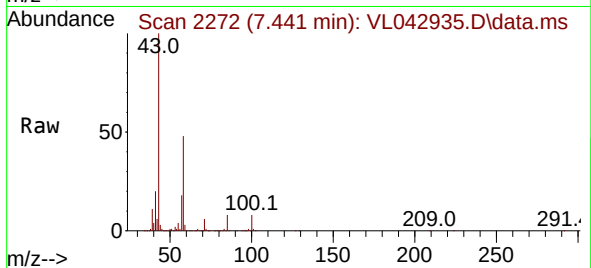
Tgt Ion: 43 Resp: 387522
Ion Ratio Lower Upper
43 100
58 34.4 27.5 41.3





#51
2-Hexanone
Concen: 13.020 ppbv
RT: 7.441 min Scan# 2116
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

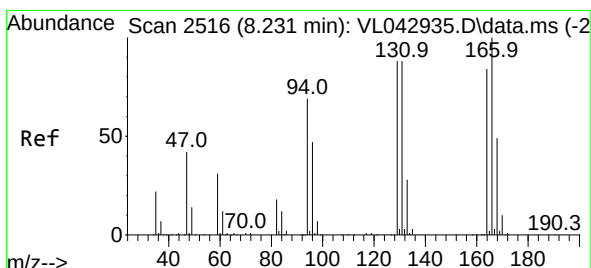
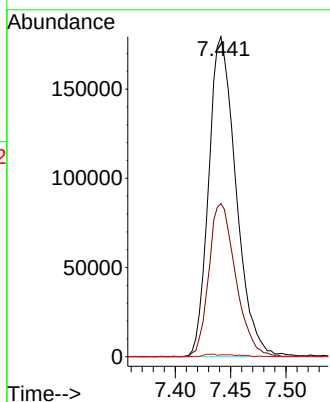
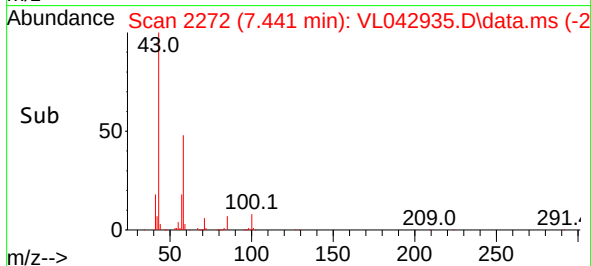
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 307420
Ion Ratio Lower Upper
43 100
58 47.4 37.9 56.9
98 0.9 0.7 1.1

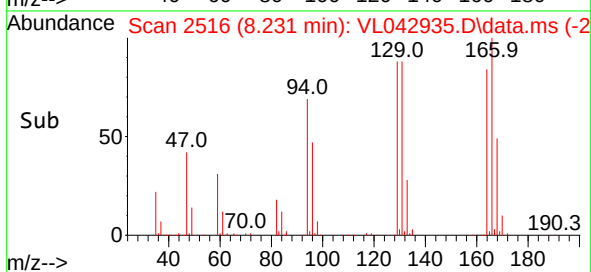
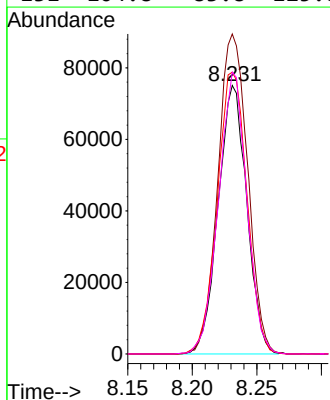
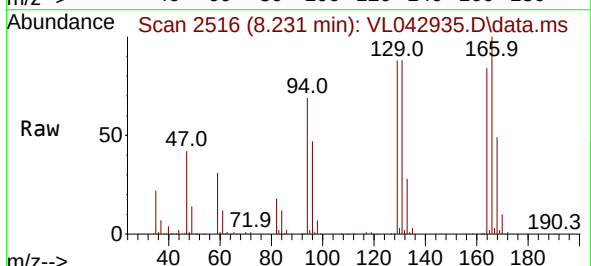
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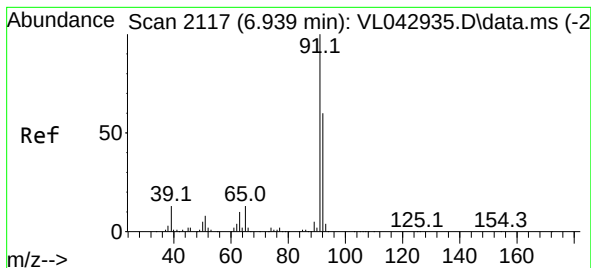
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#52
Tetrachloroethene
Concen: 10.295 ppbv
RT: 8.231 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion:164 Resp: 115985
Ion Ratio Lower Upper
164 100
166 119.2 95.4 143.0
129 105.0 84.0 126.0
131 104.8 83.8 125.8





#53

Toluene

Concen: 12.313 ppbv

RT: 6.939 min Scan# 2117

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 91 Resp: 415754

Ion Ratio Lower Upper

91 100

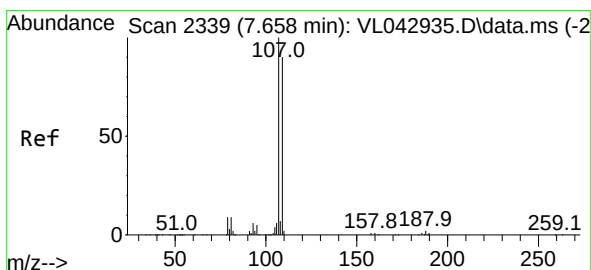
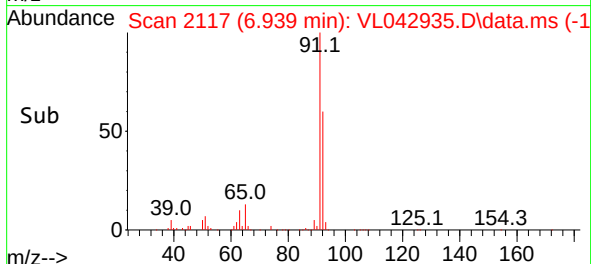
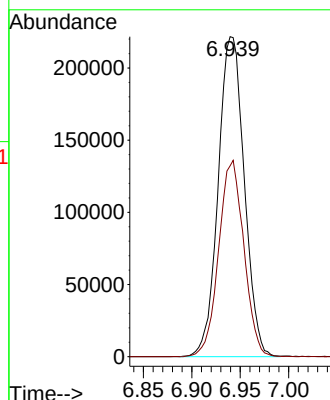
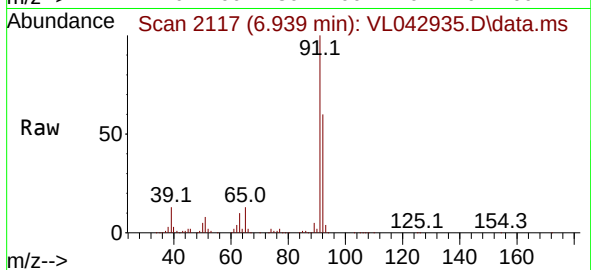
92 59.3 47.4 71.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#54

1,2-Dibromoethane

Concen: 10.997 ppbv

RT: 7.658 min Scan# 2339

Delta R.T. 0.000 min

Lab File: VL042935.D

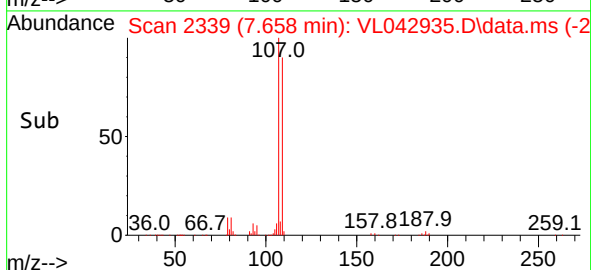
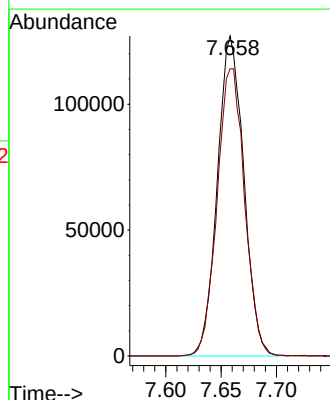
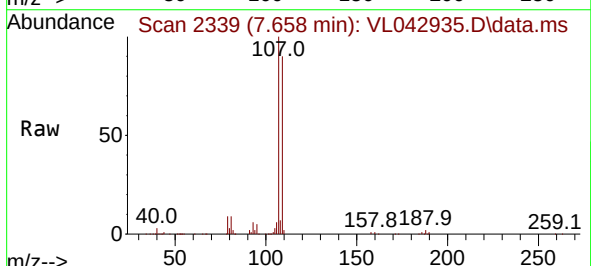
Acq: 17 Sep 2025 13:42

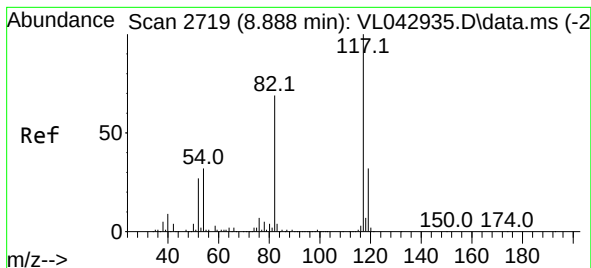
Tgt Ion:107 Resp: 211125

Ion Ratio Lower Upper

107 100

109 89.7 71.8 107.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

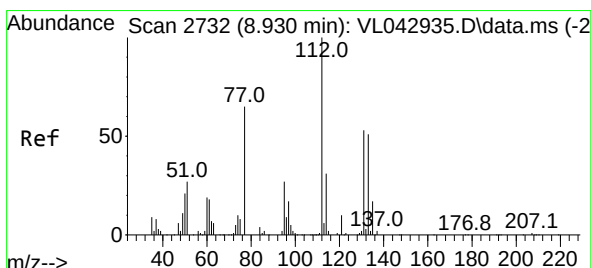
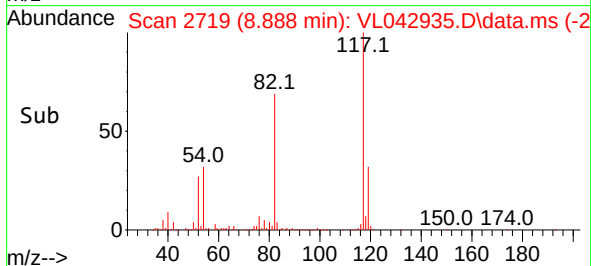
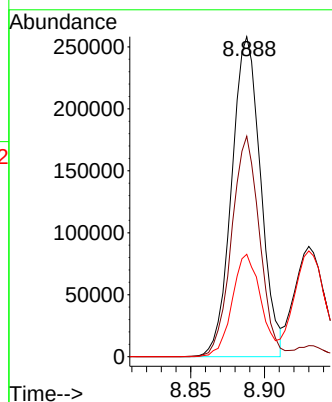
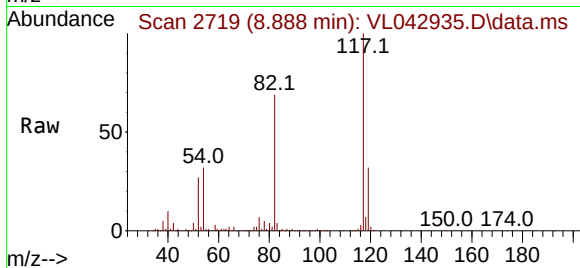
Tgt Ion:117 Resp: 353249

Ion	Ratio	Lower	Upper
117	100		
82	70.1	56.1	84.1
119	30.8	25.8	38.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#56

1,1,1,2-Tetrachloroethane

Concen: 10.345 ppbv

RT: 8.930 min Scan# 2732

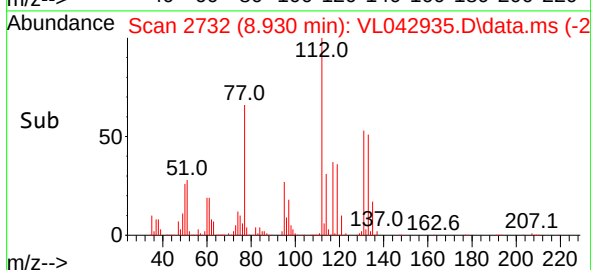
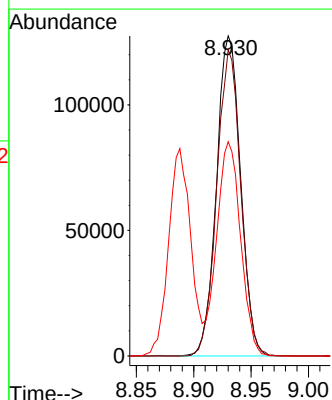
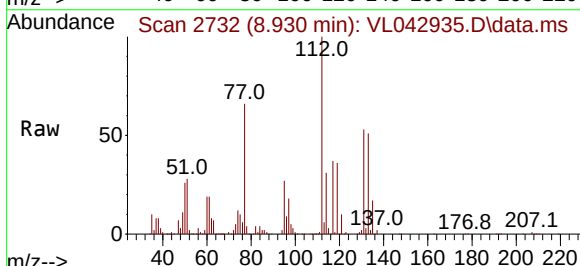
Delta R.T. 0.000 min

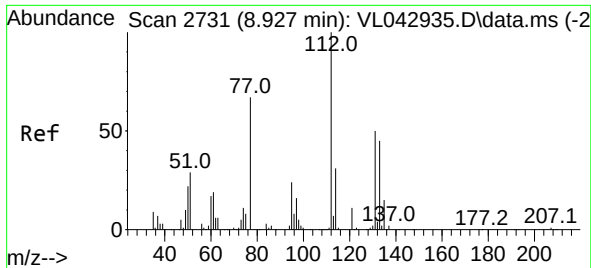
Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Tgt Ion:131 Resp: 186222

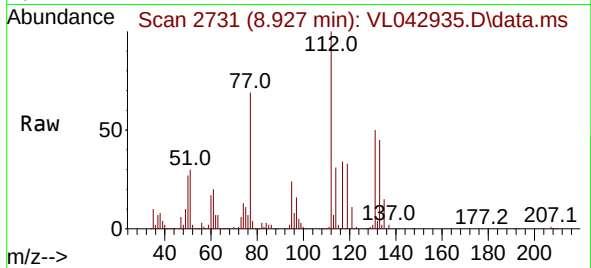
Ion	Ratio	Lower	Upper
131	100		
133	95.1	76.1	114.1
119	66.8	53.4	80.2





#57
Chlorobenzene
Concen: 10.490 ppbv
RT: 8.927 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

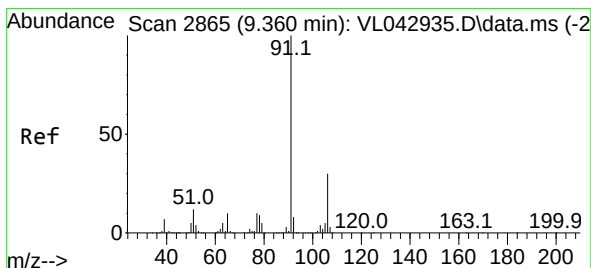
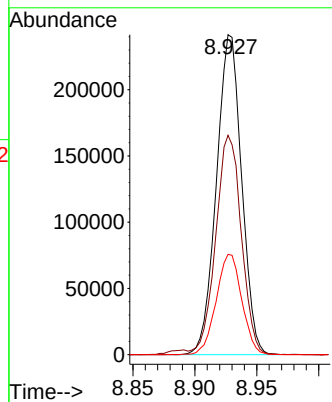
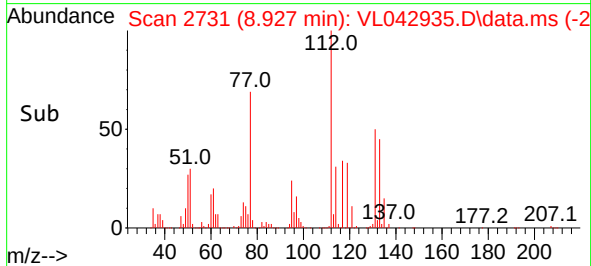
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 342500
Ion Ratio Lower Upper
112 100
77 68.5 54.8 82.2
114 31.3 28.2 34.4

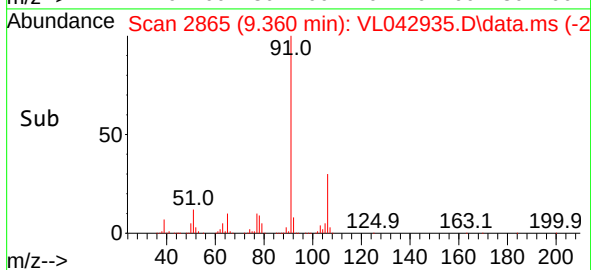
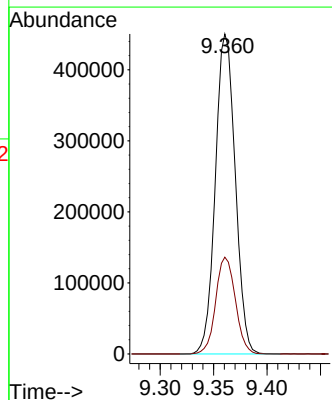
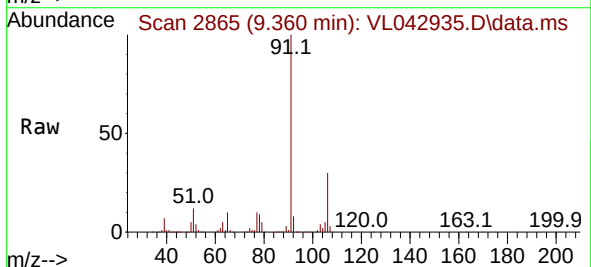
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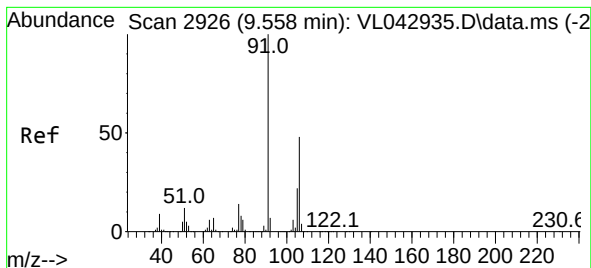
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#58
Ethyl Benzene
Concen: 12.810 ppbv
RT: 9.360 min Scan# 2865
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

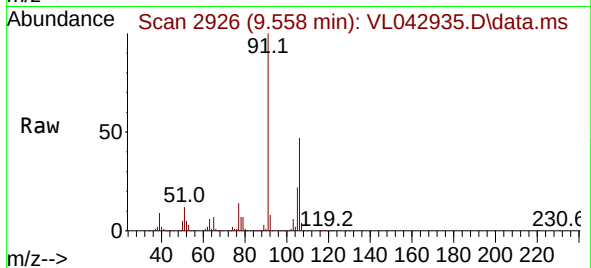
Tgt Ion: 91 Resp: 582982
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4





#59
m/p-Xylene
Concen: 25.571 ppbv m
RT: 9.558 min Scan# 2926
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

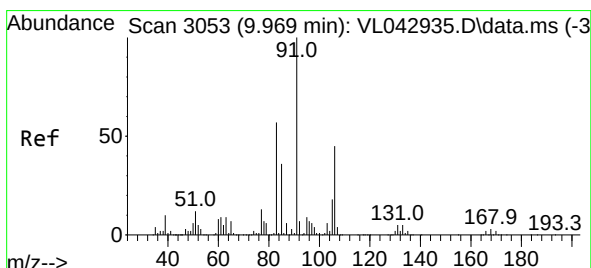
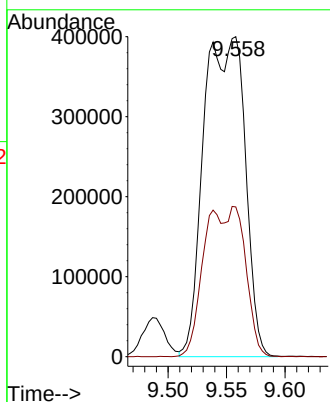
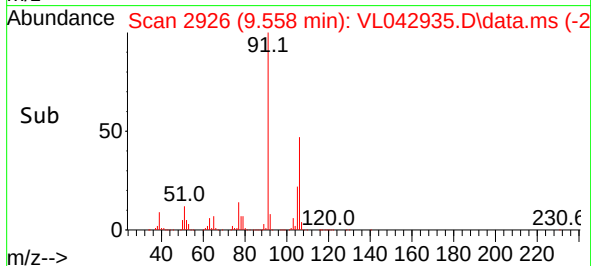
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



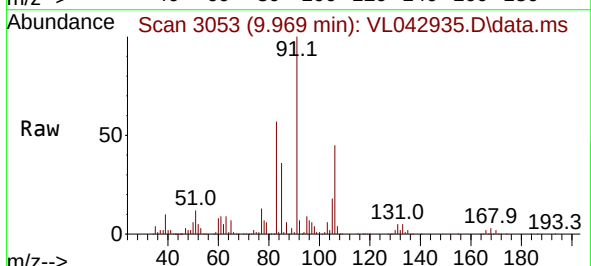
Tgt Ion: 91 Resp: 98354
Ion Ratio Lower Upper
91 100
106 46.8 37.4 56.0

Manual Integrations
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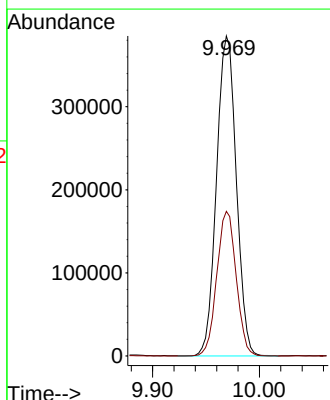
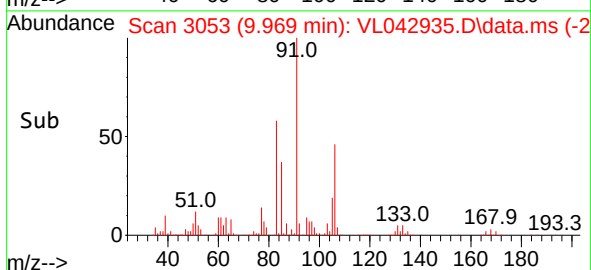
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

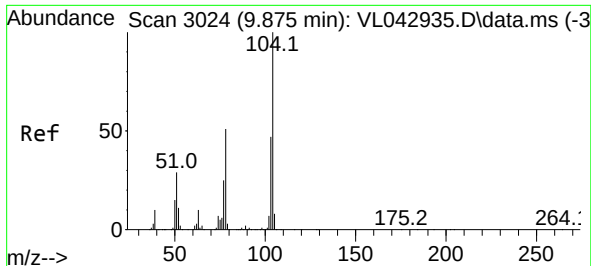


#60
o-Xylene
Concen: 12.957 ppbv
RT: 9.969 min Scan# 3053
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



Tgt Ion: 91 Resp: 495406
Ion Ratio Lower Upper
91 100
106 44.3 22.1 66.5





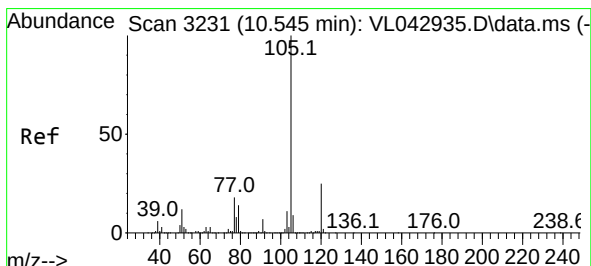
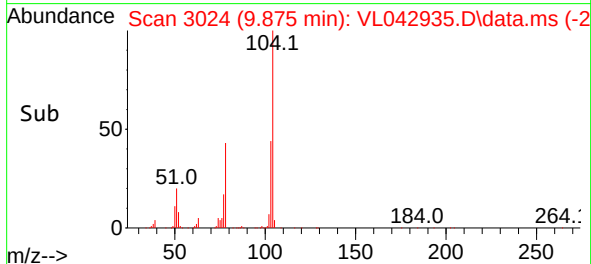
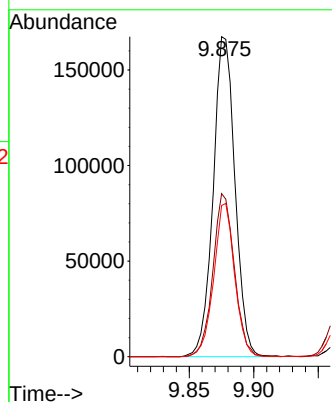
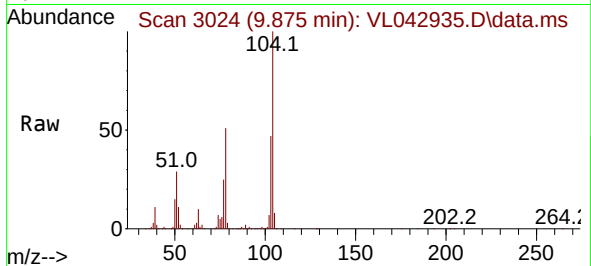
#61
Styrene
Concen: 9.941 ppbv
RT: 9.875 min Scan# 3024
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:104 Resp: 196509
Ion Ratio Lower Upper
104 100
78 50.3 40.2 60.2
103 46.0 36.8 55.2

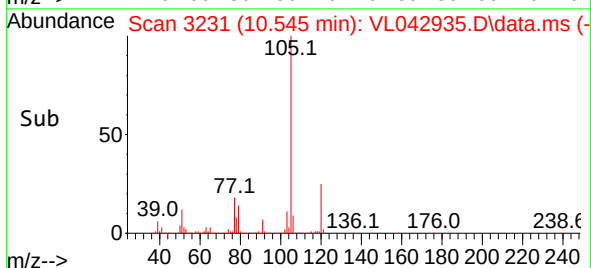
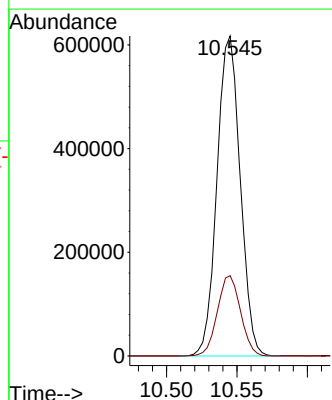
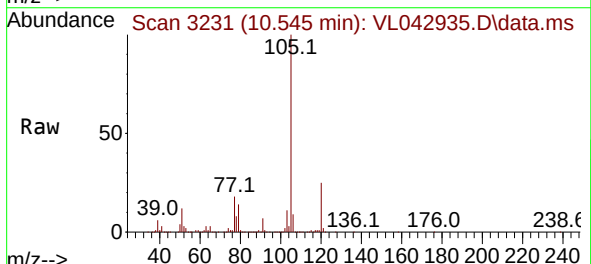
Manual Integrations
APPROVED

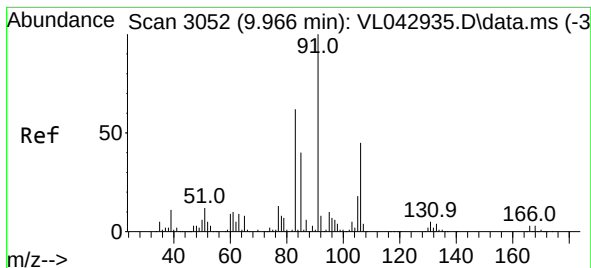
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#62
Isopropylbenzene
Concen: 12.705 ppbv
RT: 10.545 min Scan# 3231
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion:105 Resp: 707651
Ion Ratio Lower Upper
105 100
120 25.0 20.0 30.0





#63

1,1,2,2-Tetrachloroethane

Concen: 10.272 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

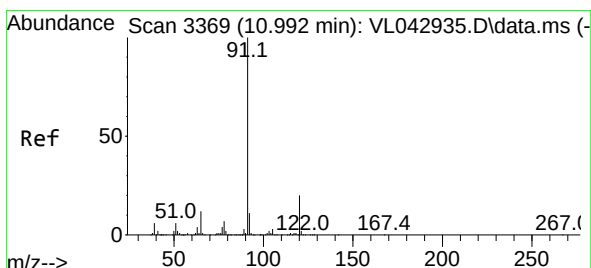
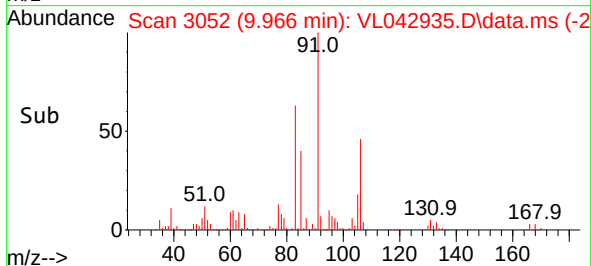
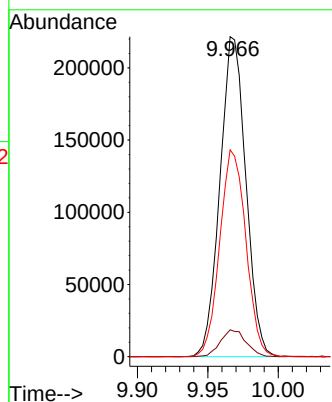
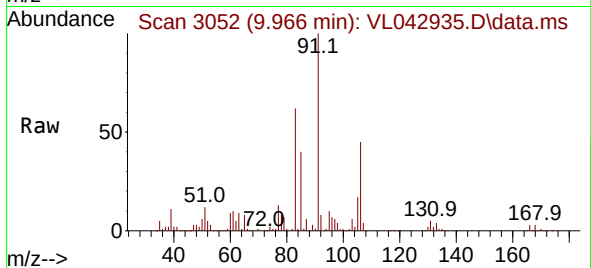
VSTDICCC010

Tgt Ion:	83	Resp:	283680
Ion Ratio	Lower	Upper	
83	100		
131	8.4	4.2	12.6
85	65.3	32.6	98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#64

n-propylbenzene

Concen: 12.656 ppbv

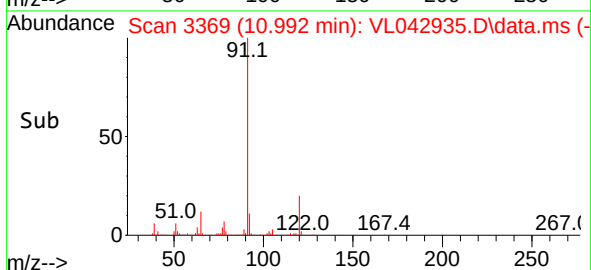
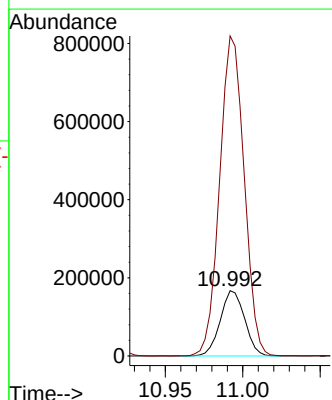
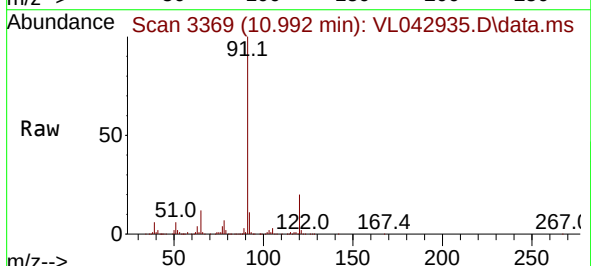
RT: 10.992 min Scan# 3369

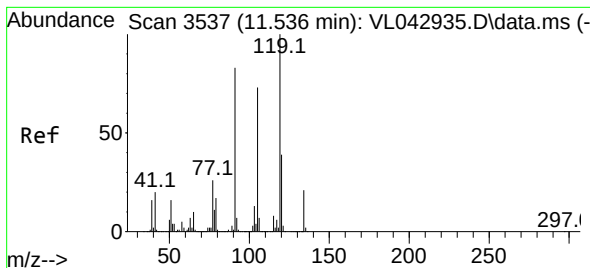
Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

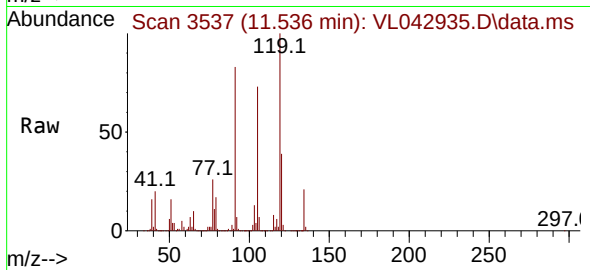
Tgt Ion:	120	Resp:	182766
Ion Ratio	Lower	Upper	
120	100		
91	493.2	394.6	591.8





#65
tert-Butylbenzene
Concen: 13.011 ppbv
RT: 11.536 min Scan# 3537
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

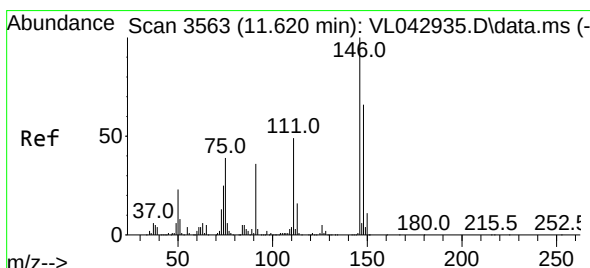
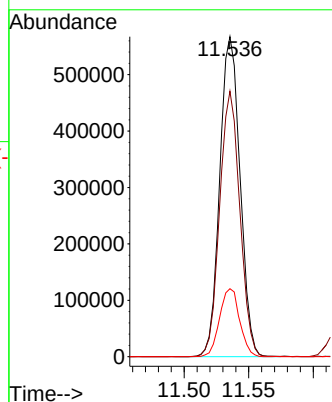
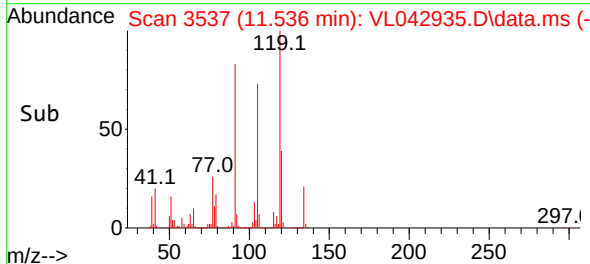
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 619284
Ion Ratio Lower Upper
119 100
91 82.5 66.0 99.0
134 21.0 16.8 25.2

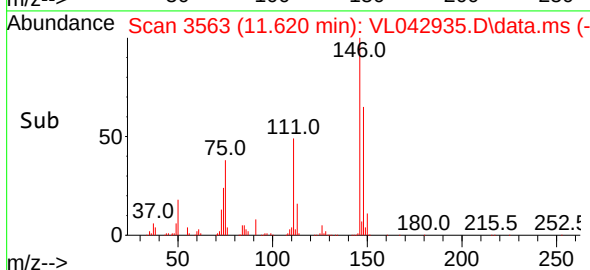
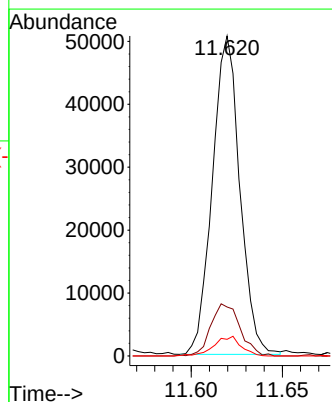
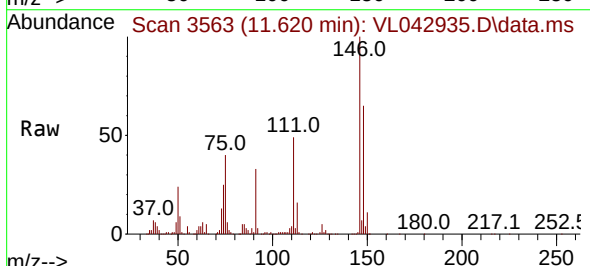
Manual Integrations
APPROVED

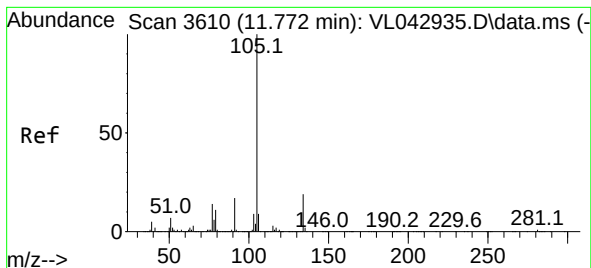
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#66
Benzyl Chloride
Concen: 11.987 ppbv
RT: 11.620 min Scan# 3563
Delta R.T. -0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

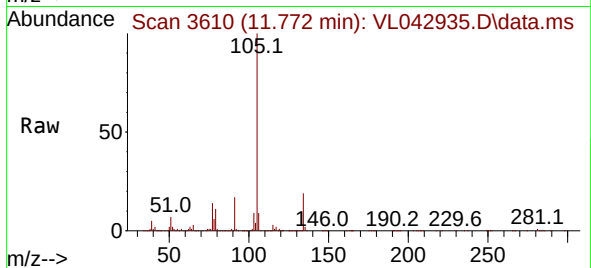
Tgt Ion: 91 Resp: 53013
Ion Ratio Lower Upper
91 100
126 17.4 13.9 20.9
128 6.1 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 12.496 ppbv
 RT: 11.772 min Scan# 3610
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

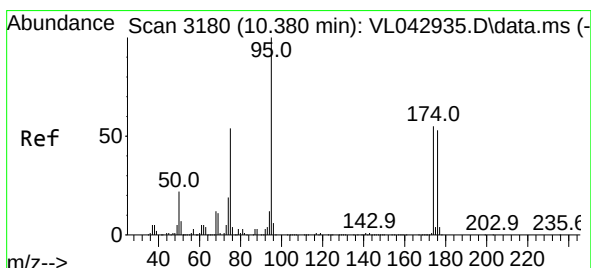
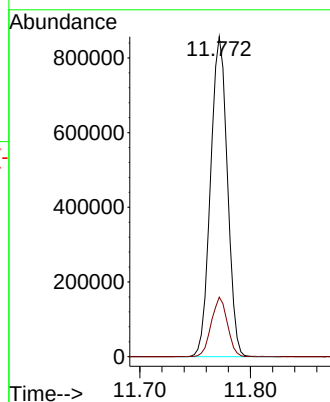
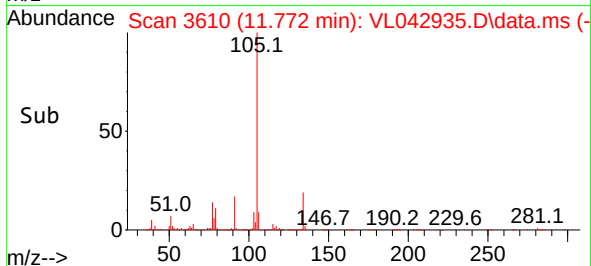
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



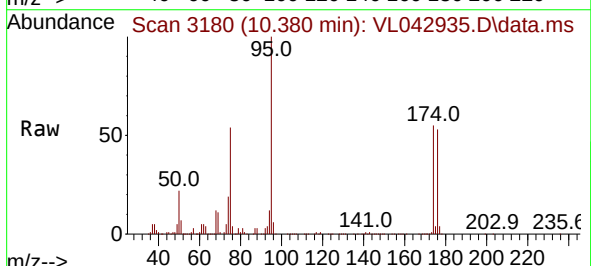
Tgt Ion: 105 Resp: 90481
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.3 21.5

Manual Integrations
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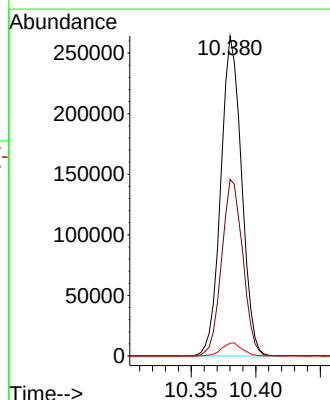
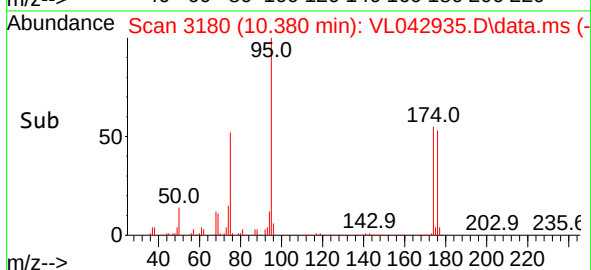
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025

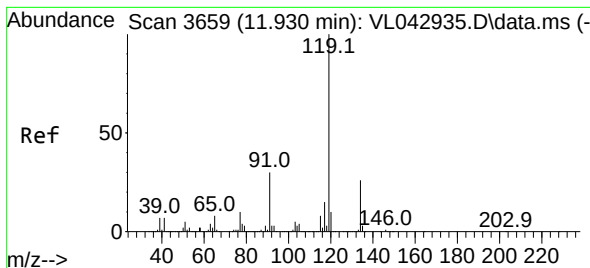


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.713 ppbv
 RT: 10.380 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42



Tgt Ion: 95 Resp: 295803
 Ion Ratio Lower Upper
 95 100
 174 56.2 44.9 67.3
 175 4.1 3.3 4.9





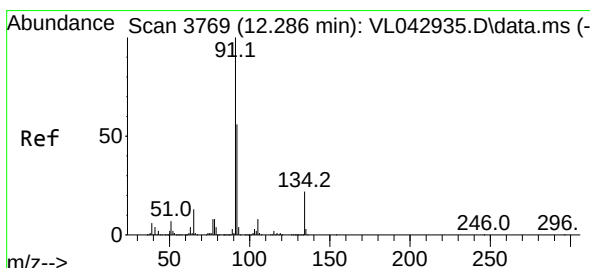
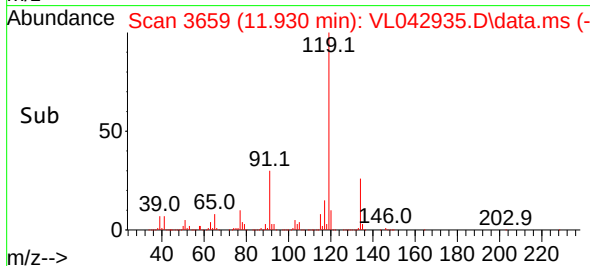
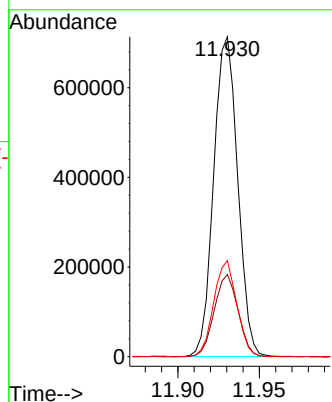
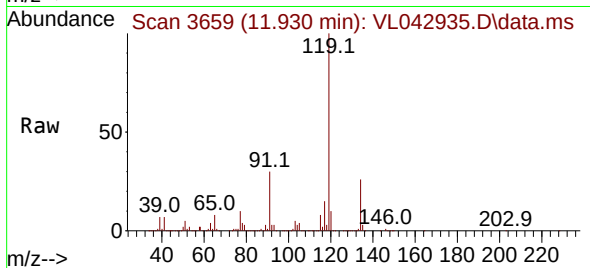
#69
 p-Isopropyltoluene
 Concen: 13.084 ppbv
 RT: 11.930 min Scan# 3659
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:119 Resp: 73012
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.5 30.7
 91 28.9 23.2 34.8

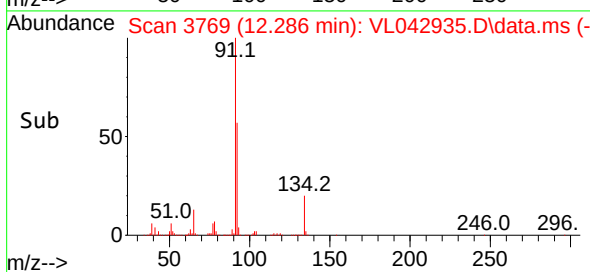
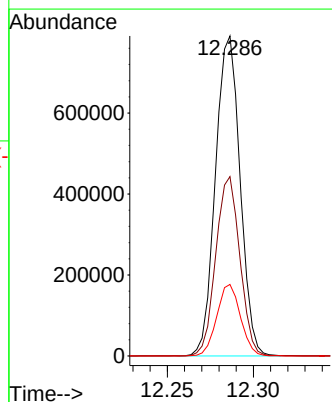
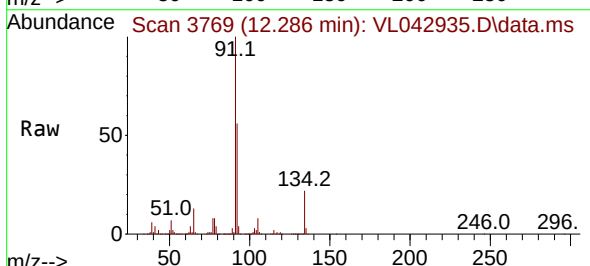
Manual Integrations
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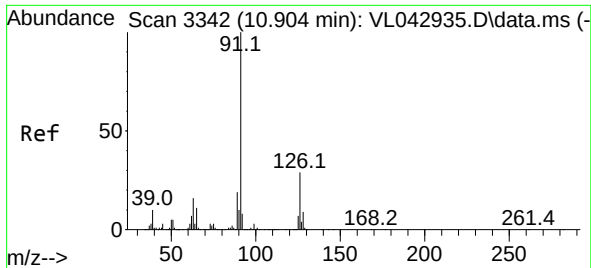
Reviewed By :Semsettin Yesilyurt 09/18/2025
 Supervised By :Mahesh Dadoda 09/18/2025



#70
 n-Butylbenzene
 Concen: 10.537 ppbv
 RT: 12.286 min Scan# 3769
 Delta R.T. 0.000 min
 Lab File: VL042935.D
 Acq: 17 Sep 2025 13:42

Tgt Ion: 91 Resp: 787146
 Ion Ratio Lower Upper
 91 100
 92 54.8 43.8 65.8
 134 21.6 17.3 25.9





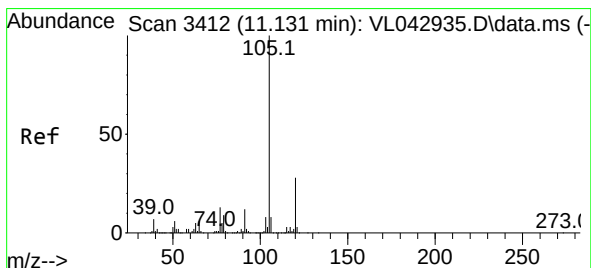
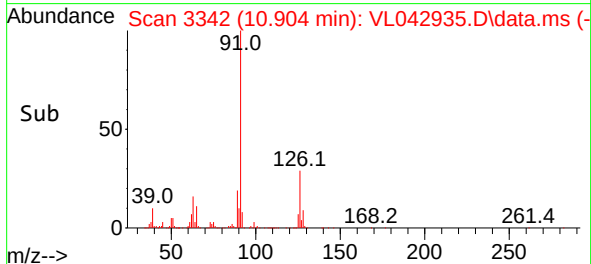
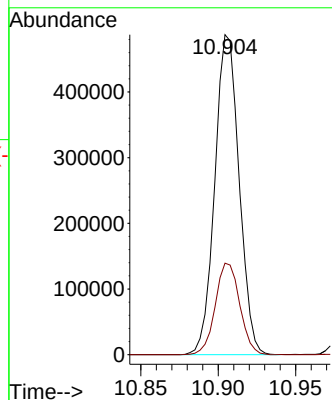
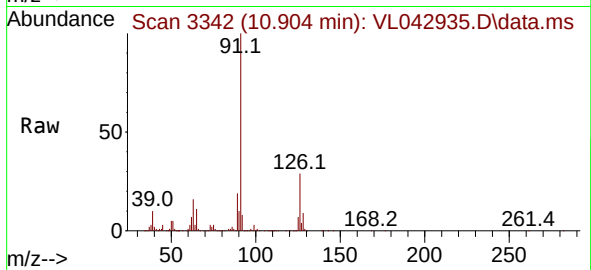
#71
2-Chlorotoluene
Concen: 12.848 ppbv
RT: 10.904 min Scan# 3342
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 530980
Ion Ratio Lower Upper
91 100
126 28.7 11.5 45.9

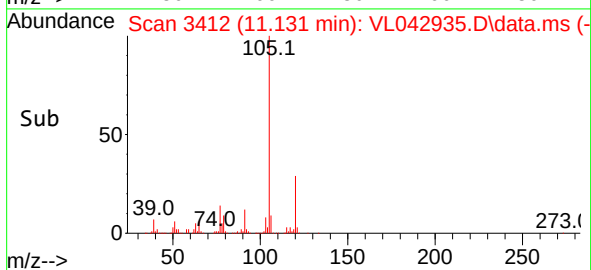
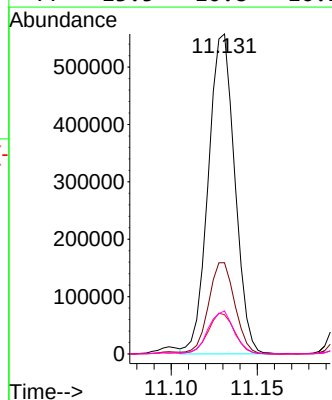
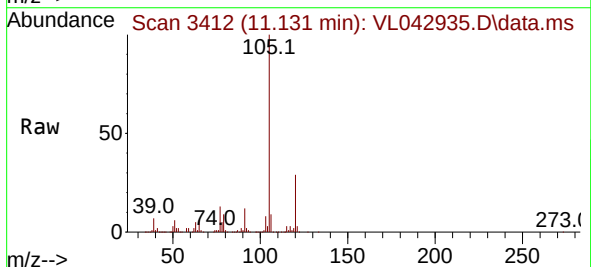
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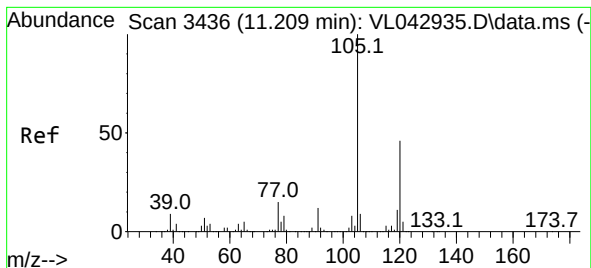
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#72
4-Ethyltoluene
Concen: 10.333 ppbv
RT: 11.131 min Scan# 3412
Delta R.T. -0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

Tgt Ion:105 Resp: 597492
Ion Ratio Lower Upper
105 100
120 28.9 23.1 34.7
91 13.0 10.4 15.6
77 13.5 10.8 16.2





#73

1,3,5-Trimethylbenzene

Concen: 13.051 ppbv

RT: 11.209 min Scan# 3436

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:105 Resp: 493710

Ion Ratio Lower Upper

105 100

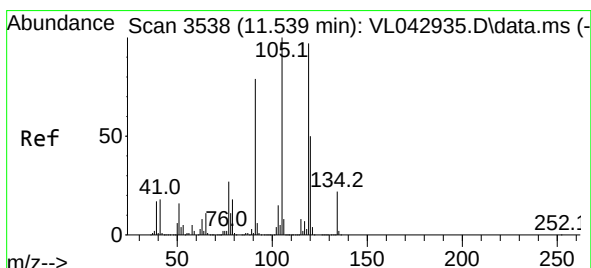
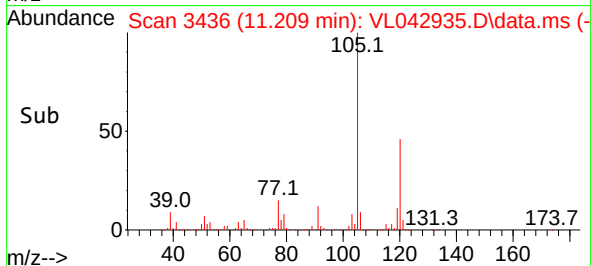
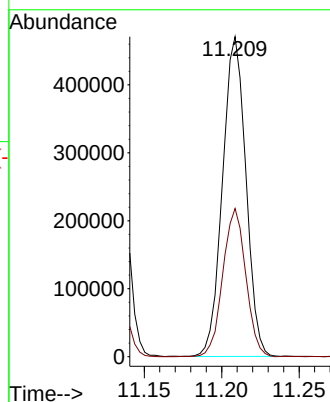
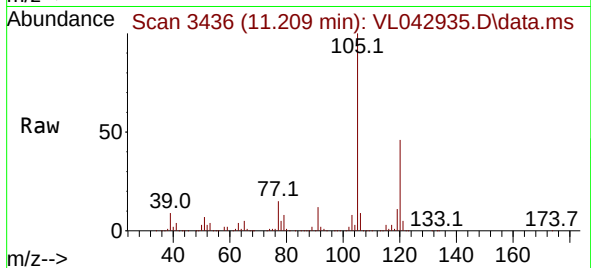
120 46.3 37.0 55.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#74

1,2,4-Trimethylbenzene

Concen: 12.734 ppbv

RT: 11.539 min Scan# 3538

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Tgt Ion:105 Resp: 566106

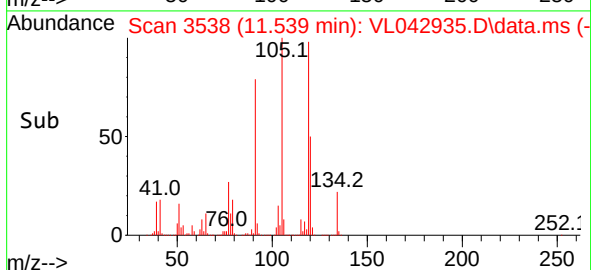
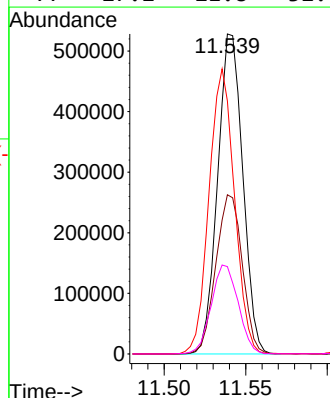
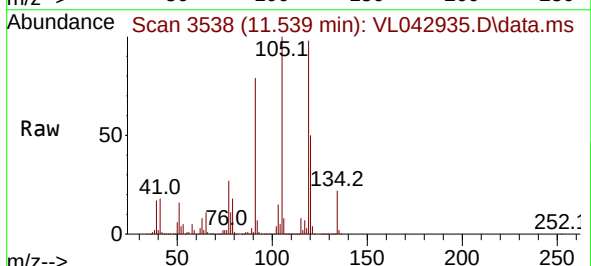
Ion Ratio Lower Upper

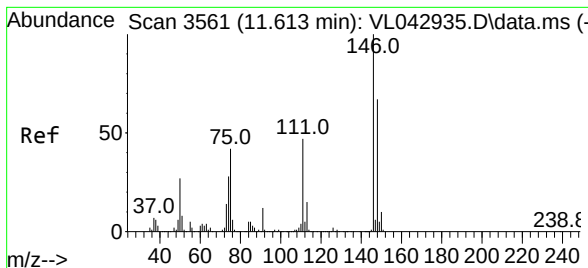
105 100

120 49.7 39.8 59.6

91 78.9 63.1 94.7

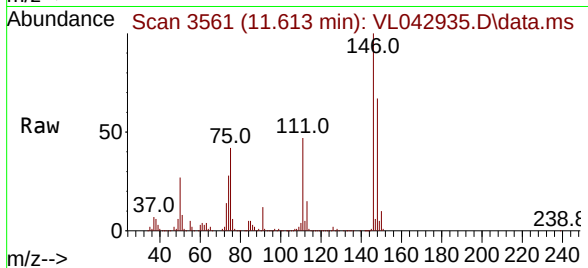
77 27.2 21.8 32.6





#75
1,3-Dichlorobenzene
Concen: 11.326 ppbv
RT: 11.613 min Scan# 3561
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42

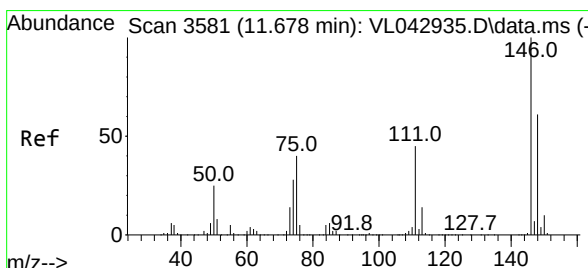
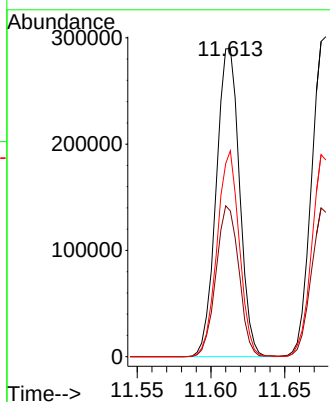
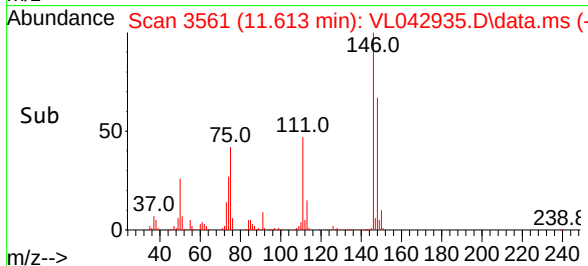
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



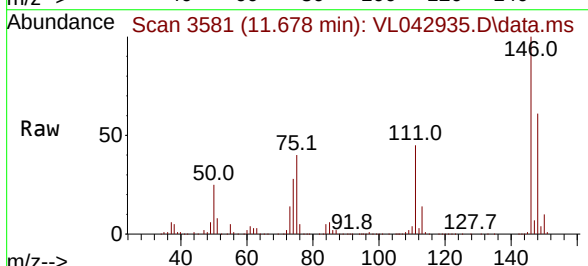
Tgt Ion:146 Resp: 31920
Ion Ratio Lower Upper
146 100
111 48.2 24.1 72.2
148 63.5 31.8 95.3

Manual Integrations
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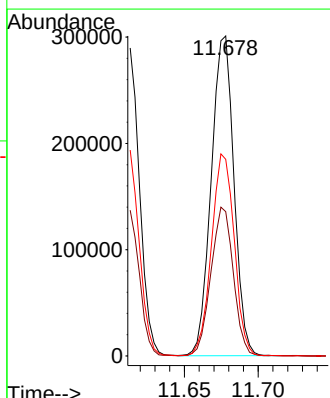
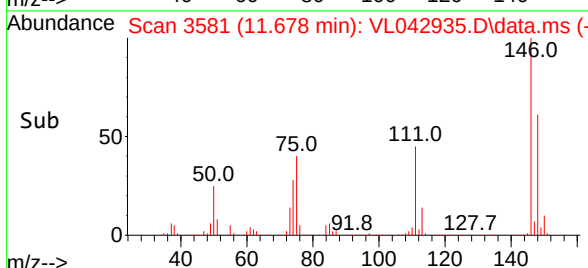
Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025

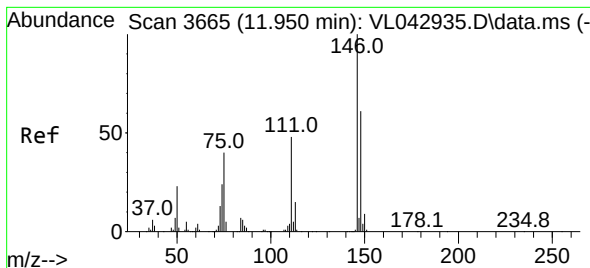


#76
1,4-Dichlorobenzene
Concen: 11.896 ppbv
RT: 11.678 min Scan# 3581
Delta R.T. 0.000 min
Lab File: VL042935.D
Acq: 17 Sep 2025 13:42



Tgt Ion:146 Resp: 322554
Ion Ratio Lower Upper
146 100
111 46.0 23.0 69.0
148 63.6 31.8 95.4





#77

1,2-Dichlorobenzene

Concen: 11.147 ppbv

RT: 11.950 min Scan# 3665

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 31696

Ion Ratio Lower Upper

146 100

111 49.2 24.6 73.8

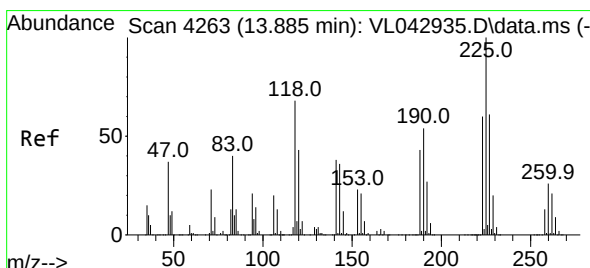
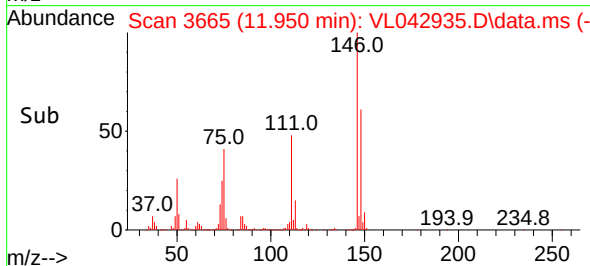
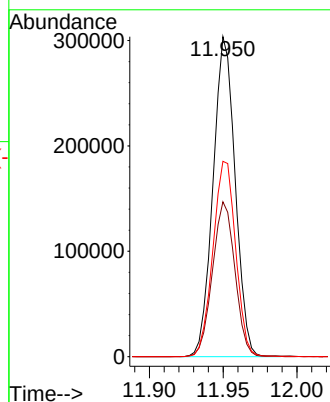
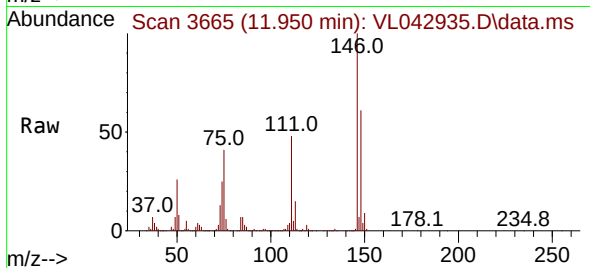
148 62.8 31.4 94.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025



#78

Hexachloro-1,3-Butadiene

Concen: 10.199 ppbv

RT: 13.885 min Scan# 4263

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

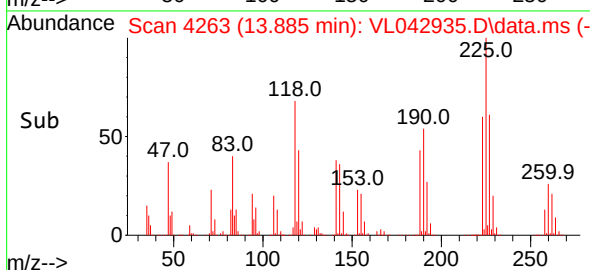
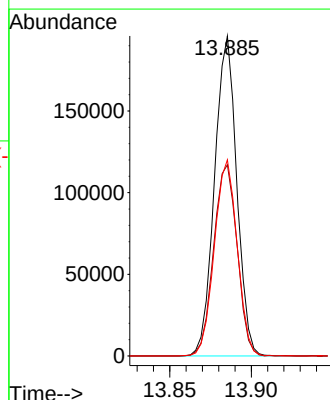
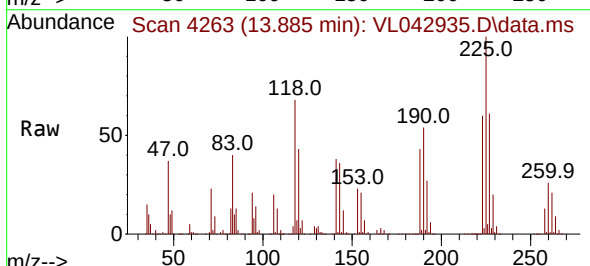
Tgt Ion:225 Resp: 185221

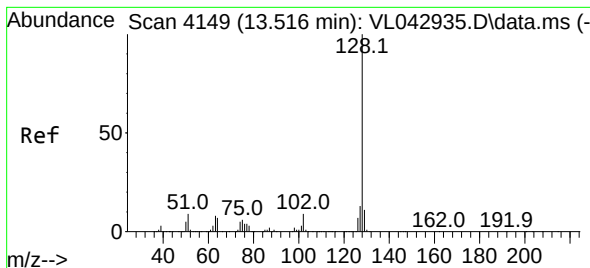
Ion Ratio Lower Upper

225 100

223 63.3 50.6 76.0

227 63.1 50.5 75.7





#79

Naphthalene

Concen: 10.151 ppbv

RT: 13.516 min Scan# 4149

Delta R.T. 0.000 min

Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

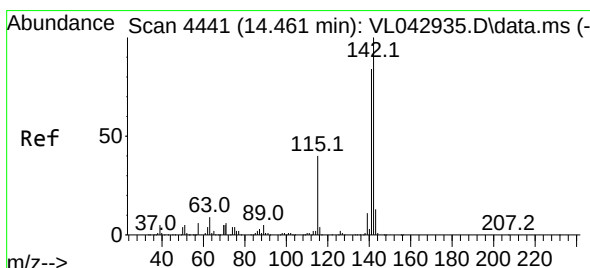
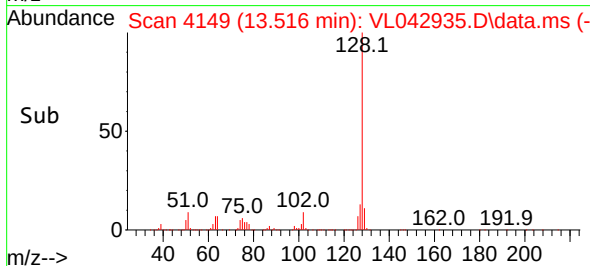
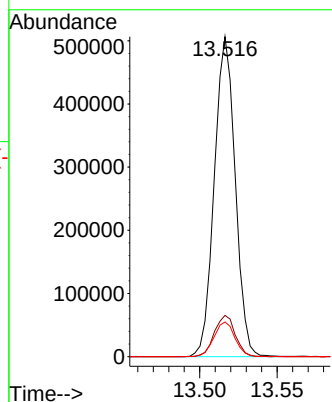
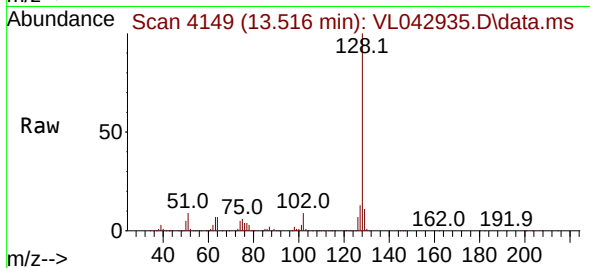
Tgt Ion:128 Resp: 474749

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025
Supervised By :Mahesh Dadoda 09/18/2025



#80

Naphthalene,2-methyl-

Concen: 9.058 ppbv

RT: 14.461 min Scan# 4441

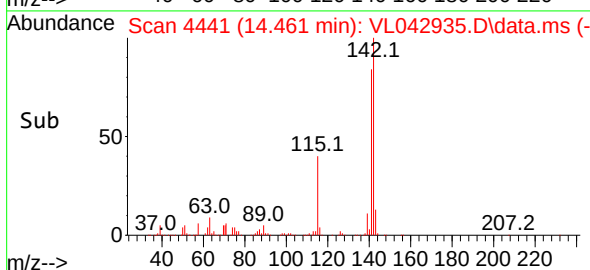
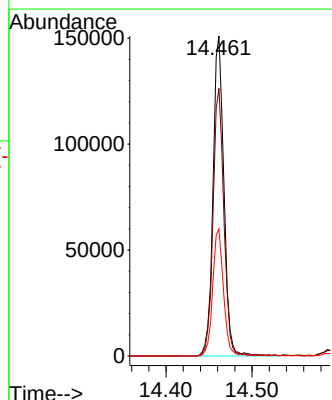
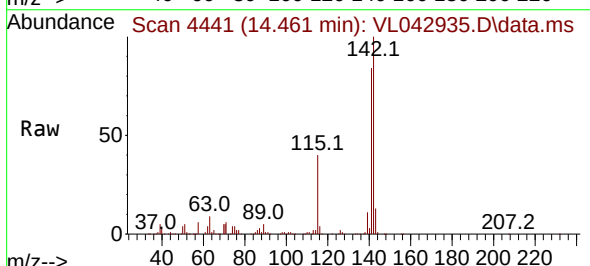
Delta R.T. 0.000 min

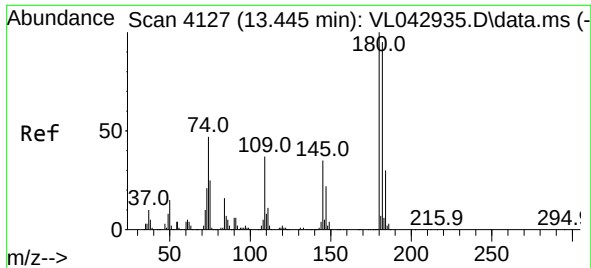
Lab File: VL042935.D

Acq: 17 Sep 2025 13:42

Tgt Ion:142 Resp: 132693

Ion	Ratio	Lower	Upper
142	100		
141	83.8	67.0	100.6
115	40.0	32.0	48.0





#81

1,2,4-Trichlorobenzene

Concen: 9.993 ppbv

RT: 13.445 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL042935.D

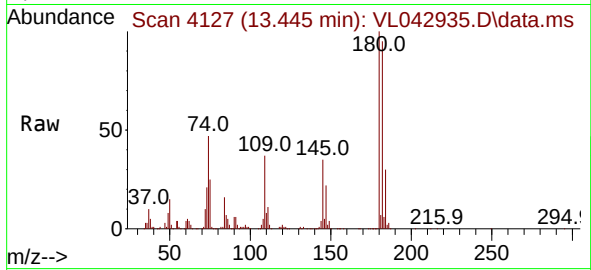
Acq: 17 Sep 2025 13:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 224163

Ion Ratio Lower Upper

180 100

182 94.4 75.5 113.3

184 30.9 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/18/2025

Supervised By :Mahesh Dadoda 09/18/2025

